





# Contract No. 13/WSD/17

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

# Monthly EM&A Report No.48 (Period from 1 February to 29 February 2024)

## Document No.

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	Prepared by:	Reviewed and Certified by:
Name	Alex LEUNG	Jacky LEUNG
Position	Environmental Team Member	Environmental Team Leader
Signature	Man	
Date:	11 March 2024	11 March 2024



Our ref.: LES/J2024-01/CS/L003

Date: March 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. Sam Hui/ Mr H L Lai

Dear Sir.

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 Monthly Environmental Monitoring and Audit (EM&A) Report for</u> <u>February 2024</u>

Referring to the Monthly Environmental Monitoring and Audit Report (February 2024) as submitted by the Environmental Team on 11 March 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 no. EP-503/2015/A and Further Environmental Permit no. FEP-01/503/2015/A.

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.: Raymond Kok) By E-mail
Aurecon (Attn.: Jacky Leung) By E-mail

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Monthly EM&A Report No.48





## **REVISION HISTORY**

Rev.	DESCRIPTION OF MODIFICATION	DATE
1.	First Issue for Comments	05/03/2024
2.	Revised According to Comments	11/03/2024
3.	Revised According to Comments	11/03/2024

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Monthly EM&A Report No.48





		ro	
	TENTS		1
1.		mation	
2.			
3.			
4.			
5.		ing	
6.			
7.		toring)	
8.		nitoring)	
9.	-	ance, Complaints, Notification of Summons and Prosecutions	
10.	-	n	
12.	Conclusions and Rec	ommendations	46
Aı	opendix A	Master Programme	
Aı	opendix B	Overview of Desalination Plant in Tseung Kwan O	
Aı	opendix C	Summary of Implementation Status of Environmental Mitigation	l
ΑĮ	opendix D	Impact Monitoring Schedule	
ΑĮ	opendix E	Event/Action Plan	
Aı	opendix F	Water Quality Monitoring Equipment and Landfill Gas Equipole Calibration Certificate	pment
Aı	opendix G	Water Quality Monitoring Data and Landfill Gas Monitoring Data	ì
Aı	opendix H	Waste Flow Table	
Aı	opendix I	Ecology (Coral & Fishery) Survey Report	
Aı	opendix J	Site Inspection Proforma	
ΑĮ	opendix K	Complaint Log	
Αį	opendix L	Exceedance Report	





## **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/A) for the construction and operation 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, noise, waste management and ecology should be carried out by Environmental Team (ET), Acuity Sustainability Consulting Limited (ASCL), during the construction phase of the Contract.
- A3. This is the 48<sup>th</sup> Monthly EM&A Report, prepared by ASCL, 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 the reporting period from 1 February to 29 February 2024.
- A4. The EM&A programme for this contract has covered environmental monitoring on construction noise level at selected NSRs and Contractor's environmental performance auditing in the aspects of construction dust, construction noise, water quality, waste management, Landscape and Visual and Ecology.

## SUMMARY OF MAIN WORKS UNDERTAKEN & KEY MITIGATION MEASURES IMPLEMENTED

A5. Key activities carried out in this reporting period for the Contract included the followings:

## **Administration Building**

- Sealing up wall opening
- External wall painting works
- Construction of block work for pipe duct.
- Installation of glass door for laboratory
- Minor Installation of building services, cable laying and termination, Photovoltaic Panel Installation, Testing & Commissioning

#### Chemical building

- Installation of Irrigation system
- Construction of hose reel cabinet.
- Defect rectification

## Main Electrical & Central Chiller Plant Building

- Installation of Roof Tile for Fuel Tank Room
- Minor Installation of building services, electrical switchboard, cable laying, pressure test





#### ActiDAFF

- Underground utility construction work
- Installation of drainpipe on corridor
- Minor Installation of mechanical equipment, installation of building services, Minor cable laying and termination, Installation of Lightning System, Installation of Fibre Reinforced Polymer Cover Installation, Testing & Commissioning

## Product Water Storage Tank Building

- Underground utility construction work
- Water Test in Tank A and defect rectification
- Waterproofing work at Roof Slab on Tank A
- Tank A water test and defect rectification
- Installation of building services, cable laying and termination, Testing & Commissioning

## **OSCG** Building

- Installation of Railing on Brine Maker Tank
- Protective Coating for dangerous goods Rooms
- Installation of building services, mechanical equipment and cable laying and termination, testing and commissioning

#### Reverse Osmosis Building

- Placing Soil Mix at Roof
- Installation of Glass House
- Underground utility construction work
- Installation of building services, electrical switchboard of cable laying and termination, Minor Installation of mechanical equipment and raised floor, testing and commissioning, Photovoltaic Panel Installation

## Post Treatment Building

- Installation of Cat Ladders in Irrigation Tanks
- Placing Soil Mix at Roof
- Curb Construction for Rescue Opening at Water Tanks
- Minor Installation of building services, Minor Installation of mechanical equipment, Cable laying and termination, Pressure Test

## Inspection corridor

- Construction of roof tiling
- Internal decoration and finishing works
- Installation of building services, Lift Installation

#### CO<sub>2</sub> Tanks

Tank surface cleaning, testing and commissioning

## Combined Shaft and Pump room

• CCTV Installation, Installation of Lightning System, Minor building services Installation, testing and commissioning





Internal finishing, defect rectification

#### **Guard House**

- Installation of Building Services
- Workshop construction work
- Architectural Builders Works and Finishes

#### Other

- Master meter Room Architectural Builders Works and Finishes
- Open Channel and Wave deflector Wall
- Glass Roof and Glass Canopy installation at elevated walkway
- Security Fence footing construction work
- Manhole 5 Glass Reinforced Plastic Pipe Installation work
- Underground utility rectification work
- Road Construction
- Traffic signage work
- Footpath Construction
- Landscape Construction
- Landscape planting work
- Irrigation System Construction
- Slope work Shotcreting; Rock anchor installation, Rock break
- Water Pressure Test for Fire Services and Plumbing System
- Open Channel and Wave deflector Wall
- Traffic signage work
- A6. The major environmental impacts brought by the above construction works include:
  - Construction dust and noise generation from construction works, excavation works and slope works;
  - Waste generation from the construction activities
- A7. The key environmental mitigation measures implemented for the Contract in this reporting period associated with the above construction works include:
  - Dust suppression by regular wetting and water spraying for construction works;
  - Reduction of noise from equipment and machinery on-site and regular inspection to machinery and plants/vehicles on-site to ensure proper functioning;
  - Deployment of silt curtain at the inshore water outflow;
  - Sorting and storage of general refuse and construction waste; and
  - Deployment protective fencing for trees

## **SUMMARY OF EXCEEDANCE & INVESTIGATION & FOLLOW-UP**

A8. No noise monitoring was conducted during the reporting period since there are no Contract -related construction activities undertaken within a radius of 300m from the





- monitoring locations. No exceedance of the action Level was recorded during the reporting period.
- A9. The construction phase marine water quality programme was ceased from 1 September 2023 due to the completion of marine-related construction works.
- A10. The EM&A works for Pre-operation phase marine water quality were conducted during the reporting period in accordance with the EM&A Manual. Twenty-seven (27) of the pre-operation phase water quality monitoring results of SS obtained had exceeded the Action Level. Twenty-three (23) of the pre-operation phase water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level.
- A11. Water quality monitoring of the discharge of dechlorinated effluent in disinfection procedure is completed in December 2023. The hourly dechlorinated effluent monitoring during the discharge is finished.
- A12. Pre-operation phase coral monitoring works was conducted on 23 February 2024. All tagged coral colonies showed good health condition during the February 2024 Monitoring survey. There was no increased level of mortality, bleaching and sediment in other tagged coral colonies when compared with the baseline results. There is no AL/LL exceedance during the monitoring period.
- A13. Pre-operation phase fishery monitoring for dry season was carried out on 17 and 24 February 2024. The detail of the monitoring would be present when the result is available.
- A14. In this reporting period, 126 times of landfill gas monitoring were periodically conducted at TKO Area 137 (Ch1+340 Ch1+600). No exceedances of action level and limit level was observed.
- A15. Joint site inspections of the construction work by ET and IEC were carried out on 16 and 28 February 2024 to audit the mitigation measures implementation status. Reminders were recorded in the site inspection checklists and provided to the contractors together with the appropriate follow-up actions where necessary.

#### **COMPLAINT HANDLING AND PROSECUTION**

A16. No environmental complaint, notification of summons and prosecution was received in the reporting period.

#### **REPORTING CHANGE**

A17. There was no change to be reported that may affect the on-going EM&A programme.

#### **SUMMARY OF UPCOMING KEY ISSUES AND KEY MITIGATION MEASURES**

A18. Key activities anticipated in the next reporting period for the Contract will include the followings:





#### Administration Building

- Installation of Internal partition wall
- External wall finishing works
- Construction of block work for meter cabinet
- Installation of glass door for laboratory
- Minor Installation of building services, cable laying and termination, Photovoltaic
   Panel Installation, Testing & Commissioning

## Chemical building

- Roof planting works
- Construction of hose reel cabinet.
- Defect rectification

## Main Electrical & Central Chiller Plant Building

 Minor Installation of building services, electrical switchboard, cable laying, pressure test

#### ActiDAFF

- Underground utility construction work
- Rectification works for roof tiles
- Minor Installation of mechanical equipment, installation of building services,
   Minor cable laying and termination, Installation of Lightning System, Installation
   of Fibre Reinforced Polymer Cover Installation, Testing & Commissioning

## Product Water Storage Tank Building

- Waterproofing work at Roof Slab on Tank A
- Tank A defect rectification, Water proofing,
- Installation of building services, cable laying and termination, Testing & Commissioning
- Underground utility construction work (Sewerage and Waterworks) -

#### OSCG Building

- Installation of Promat Board in Skid Room
- Installation of Railing on Brine Maker Tank
- Installation of building services, mechanical equipment and cable laying and termination, testing and commissioning

## **Reverse Osmosis Building**

- Sanitary Ware Installation in Toilet
- Wall Painting and False Ceiling Installation in Toilet
- Installation of Water Meter Cabinets
- Construction of External Concrete Walls
- Underground utility construction work
- Installation of building services, electrical switchboard of cable laying and termination, Minor Installation of mechanical equipment and raised floor, testing and commissioning, Photovoltaic Panel Installation





## Post Treatment Building

- Installation of Cat Ladders in Irrigation Tanks
- Placing Soil Mix at Roof
- Curb Construction for Rescue Opening at Water Tanks
- Minor Installation of building services, Minor Installation of mechanical equipment, Cable laying and termination, Pressure Test

## Inspection corridor

- Construction of roof tiling
- Internal decoration and finishing works
- Installation of building services, Lift Installation

## Combined Shaft and Pump room

- CCTV Installation, Installation of Lightning System, Minor building services Installation, testing and commissioning
- Internal finishing, defect rectification

#### **Guard House**

- Installation of Building Services
- Guard House B Guard House, Workshop construction work

## Other

- Underground utility rectification work (Manhole and Draw pit) –
- Watermain installation works at CLP 132 Kv Substation
- Security Fence footing construction work
- Light Pole installation work
- Road Construction
- Footpath Construction
- Landscape Construction
- Irrigation System installation
- Water Pressure Test for Fire Services and Plumbing System
- Landscape planting work
- Traffic signage work
- Cladding installation for Elevated Walkway
- Slope work –Rock anchors installation, Rock break, Concreting
- Open Channel and Wave deflector Wall
- A19. The major environmental impacts brought by the above construction works will include:
  - Construction dust and noise generation from excavation, construction works and slope works; and
  - Waste generation from construction activities.
- A20. The key environmental mitigation measures for the Contract in the coming reporting period associated with the above construction works will include:

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Monthly EM&A Report No.48





- Reduction of noise from equipment and machinery on-site;
- Dust suppression by regular wetting and water spraying for construction works and at main haul road;
- Sorting and storage of general refuse and construction waste;
- Deployment of silt curtain at the inshore water outflow; and
- Deployment protective fencing for trees.





## 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. 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 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) and Variation of Environmental Permit (No. EP-01/503/2015/A) to Water Supplies Department (WSD); and granted the Further Environmental Permit (No. FEP-01/503/2015/A) to AJCJV for the Contract.

#### THE REPORTING SCOPE

1.4. This is the 48th Monthly EM&A Report for the Contract which summarizes the key findings of the EM&A programme during the reporting period from 1 February to 29 February 2024.

#### **CONTRACT ORGANIZATION**

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

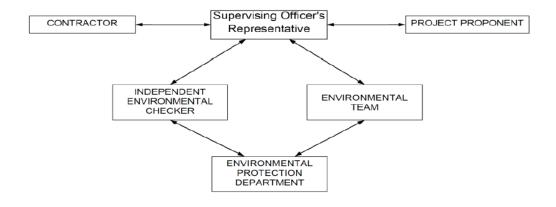


Figure 1.1 Contract Organization Chart

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





**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	Christina Ko	2608-7302
(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	Joy Chan	6468-1782
Acuity Sustainability Consulting Limited	Environmental Team Leader	Jacky Leung	2698-6833
Lam Environmental Services Limited	Independent Environmental Checker (IEC)	Serena Shek	6149-6683

## **SUMMARY OF CONSTRUCTION WORKS**

- 1.7. Details of the major construction activities undertaken in this reporting period are shown below. The master programme is presented in **Appendix A**.
- 1.8. Key activities carried out in this reporting period for the Contract included the followings:

## **Administration Building**

- Sealing up wall opening
- External wall painting works
- Construction of block work for pipe duct.
- Installation of glass door for laboratory
- Minor Installation of building services, cable laying and termination, Photovoltaic Panel Installation, Testing & Commissioning





## Chemical building

- Installation of Irrigation system
- Construction of hose reel cabinet.
- Defect rectification

## Main Electrical & Central Chiller Plant Building

- Installation of Roof Tile for Fuel Tank Room
- Minor Installation of building services, electrical switchboard, cable laying, pressure test

#### ActiDAFF

- Underground utility construction work
- Installation of drainpipe on corridor
- Minor Installation of mechanical equipment, installation of building services, Minor cable laying and termination, Installation of Lightning System, Installation of Fibre Reinforced Polymer Cover Installation, Testing & Commissioning

## Product Water Storage Tank Building

- Underground utility construction work
- Water Test in Tank A and defect rectification
- Waterproofing work at Roof Slab on Tank A
- Tank A water test and defect rectification
- Installation of building services, cable laying and termination, Testing & Commissioning

#### **OSCG** Building

- Installation of Railing on Brine Maker Tank
- Protective Coating for dangerous goods Rooms
- Installation of building services, mechanical equipment and cable laying and termination, testing and commissioning

## Reverse Osmosis Building

- Placing Soil Mix at Roof
- Installation of Glass House
- Underground utility construction work
- Installation of building services, electrical switchboard of cable laying and termination, Minor Installation of mechanical equipment and raised floor, testing and commissioning, Photovoltaic Panel Installation

#### Post Treatment Building

- Installation of Cat Ladders in Irrigation Tanks
- Placing Soil Mix at Roof
- Curb Construction for Rescue Opening at Water Tanks
- Minor Installation of building services, Minor Installation of mechanical equipment, Cable laying and termination, Pressure Test

# Inspection corridor





- Construction of roof tiling
- Internal decoration and finishing works
- Installation of building services, Lift Installation

#### CO<sub>2</sub> Tanks

• Tank surface cleaning, testing and commissioning

## Combined Shaft and Pump room

- CCTV Installation, Installation of Lightning System, Minor building services Installation, testing and commissioning
- Internal finishing, defect rectification

#### **Guard House**

- Installation of Building Services
- Workshop construction work
- Architectural Builders Works and Finishes

#### Other

- Master meter Room Architectural Builders Works and Finishes
- Open Channel and Wave deflector Wall
- Glass Roof and Glass Canopy installation at elevated walkway
- Security Fence footing construction work
- Manhole 5 Glass Reinforced Plastic Pipe Installation work
- Underground utility rectification work
- Road Construction
- Traffic signage work
- Footpath Construction
- Landscape Construction
- Landscape planting work
- Irrigation System Construction
- Slope work Shotcreting; Rock anchor installation, Rock break
- Water Pressure Test for Fire Services and Plumbing System
- Open Channel and Wave deflector Wall
- Traffic signage work
- 1.9. A 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

Downit / Liganges	Valid Period		Chatria	Dam anlı
Permit/ Licences	From	To	Status	Remark
Environmental Permit				
EP-503/2015/A	Throughout the Contract		Valid	-
FEP - 01/503/2015/A	Throughout	the Contract	Valid	-





Downit / Ligange	Valid	Period	Ctatus	Domonia	
Permit/ Licences	From To		Status	Remark	
	Notification of Construction Works under the Air Pollution Control (Constructi Dust) Regulation (Form NA)				
451539	Throughout	the Contract	Valid	-	
Billing Account for Dis	posal of Const	ruction Waste			
7036276	Throughout	the Contract	Valid	-	
Chemical Waste Produ	Chemical Waste Producer Registration				
5213-839-A2987-01	Throughout the Contract		Valid	-	
Wastewater Discharge	Wastewater Discharge Licence (Land and Marine works)				
WT00035775-2020	23/08/2021	31/07/2025	Valid	-	
WT00044188-2023	16/06/2023	30/06/2028	Valid	For Plant T&C and operation	
Construction Noise Per	mit				
GW-RE1514-23	22/12/2023	21/06/2024	Valid	-	

1.10. 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

Mailuai	
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.
Construction Phase Impact Monitoring	Ceased from 1 September 2023
Pre-operation phase Marine Impact Monitoring	On-going
Impact Monitoring of Effluent Discharge from Main Disinfection	Completed
Noise	
Baseline Monitoring	The baseline noise monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under EP Condition 3.4
Impact Monitoring	Completed
Waste Management	
Mitigation Measures in Waste Management Plan	On-going
Landfill Gas	
Regular Monitoring when construction works are within the 250 m Consultation Zone	On-going





Parameters	Status
Ecology (Coral)	
Pre-operation phase Regular Coral Monitoring (Monthly)	On-going
Ecology (Fishery)	
Pre-operation phase Regular Fishery Monitoring (Seasonally)	On-going
Ecology (Landscape)	
Pre-operation phase Landscape and Visual Site Inspection	On-going
Environmental Audit	
Site Inspection covering Measures of Air Quality, Noise Impact, Water Quality, Waste, Ecological Quality, Fisheries, Landscape and Visual	On-going

- 1.11. 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.
- 1.12. 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 construction phase and the Pre-operation phase of the Contract during the reporting period is provided in **Appendix C**.





## 2. Noise

## MONITORING REQUIREMENTS

- 2.1. To ensure no adverse noise impact, noise monitoring is recommended to be carried out within 300m radius from the nearby noise sensitive receivers (NSRs), during construction phase. The NSRs selected as monitoring station are (i) NSR4 Creative Secondary School, (ii) NSR24 PLK Laws Foundation College, and (iii) NSR31 School of Continuing and Professional Studies CUHK respectively.
- 2.2. Construction noise level were measured in terms of the A-weighted equivalent continuous sound pressure level (LAeq). Leq 30min was used as the monitoring parameter for the time period between 0700 and 1900 on normal weekdays. Construction works would follow stipulations of the valid Construction Noise Permits if works had to be conducted during restricted hours or public holidays. **Table 2.1** summarizes the monitoring parameters, frequency, and duration of the impact noise monitoring.

 Table 2.1
 Noise Monitoring Parameters, Time, Frequency and Duration

Time	Duration	Interval	Parameters
Daytime: 0700-1900	Day time: 0700-1900 (during normal weekdays)	Continuously in $L_{\text{eq }5\text{min}}/L_{\text{eq }30\text{min}}$ (average of 6 consecutive $L_{\text{eq }5\text{min}}$ )	$\begin{array}{c} L_{eq~30min} \\ L_{10~30min} ~\&~ L_{90~30min} \end{array}$

#### **MONITORING LOCATIONS**

- 2.3. The monitoring locations were normally made at a point 1m from the exterior of the NSRs building façade and be at a position 1.2m above the ground. A correction of +3dB(A) should be made to the free-field measurements.
- 2.4. According to the environmental findings detailed in the EIA report and Baseline Monitoring Report, the designated locations for the construction noise monitoring are listed in **Table 2.2** below.

Table 2.2 Noise Sensitive Receivers

NSR ID	Noise Sensitive Receivers	Monitoring Location	Position
NSR 4	Creative Secondary School	Roof Floor	1 m from facade
NSR 24	PLK Laws Foundation College	Pedestrian Road on Ground Floor	Free-field
NSR 31	School of Continuing and Professional Studies - CUHK	Roof Floor	1 m from facade

2.5. Three noise monitoring locations for impact monitoring at the nearby sensitive receivers are shown in **Figure 2.1-2.3**.







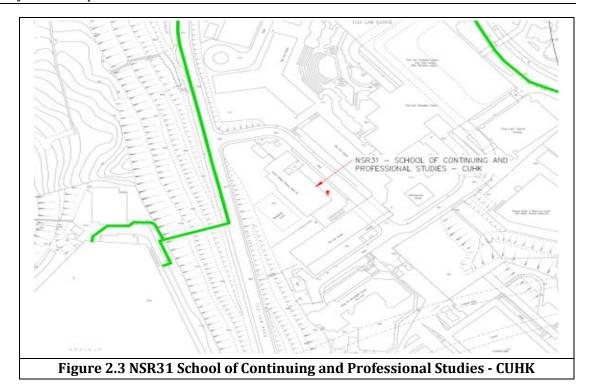
Figure 2.1 NSR4 Creative Secondary School

| Figure 2.1 NSR4 Creative Secondary School
| Figure 2.1 NSR24 PLK LAWS FOUNDATION COLLEGE
| Figure 2.1 NSR24 PLK LAWS FOUNDATION COLLEGE
| Figure 2.1 NSR24 PLK LAWS FOUNDATION COLLEGE

Figure 2.2 NSR24 PLK Laws Foundation College







#### **IMPACT MONITORING METHODOLOGY**

- 2.6. Integrated sound level meter will be used for the noise monitoring. The meter will be in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications. Immediately prior to and following each noise measurement the accuracy of the sound level meter will be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements will be accepted as valid only if the calibration levels before and after the noise measurements agree to within 1.0 dB(A).
- 2.7. Noise measurements were not made in the presence of fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.

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

2.8. The Action/Limit Levels are in line with the criteria of Practice Note for Professional Persons (ProPECC PN 2/93) "Noise from Construction Activities – Non-statutory Controls" and Technical Memorandum on Environmental Impact Assessment Process issued by HKSAR Environmental Protection Department ["EPD"] under the Environmental Impact Assessment Ordinance, Cap 499, S.16 are presented in **Table 2.3**.





Table 2.3 Action and Limit Levels for Noise per EM&A Manual

Time Period	Action	Limit (dB(A))
	When one documented	• 70 dB(A) for school
0700-1900 on normal	complaint is received from any	and
weekdays	one of the noise sensitive	• 65 dB(A) during
	receivers	examination period

Note: Limits specified in the GW-TM and IND-TM for construction and operation noise, respectively.

2.9. If exceedances were found during noise monitoring, the actions in accordance with the Event and Action Plan shall be carried out according to **Appendix E.** 

## MONITORING RESULTS AND OBSERVATIONS

2.10. Referring to EM&A Manual Section 4.1.2, the impact noise monitoring should be carried out when there are Contract-related construction activities undertaken within a radius of 300m from the monitoring stations. As no Contract-related construction activities were undertaken in the reporting month within a radius of 300m from the monitoring stations as shown in **Figure 2.4**, no impact noise monitoring was conducted in the reporting period.

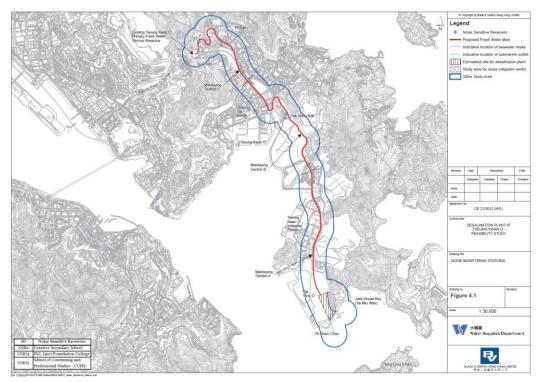


Figure 2.4 Site Layout Plan with Noise Sensitive Receivers and Desalination Plant





# 3. WATER QUALITY

- 3.1. In accordance with the recommendations of the EIA, water quality monitoring is required during dredging for the submarine pipelines and, 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.
- 3.2. 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.
- 3.3. Water quality monitoring for the Contract can be divided into the following stages:
  - · Dredging activities during construction phase;
  - · Discharge of effluent from main disinfection during construction phase; and
  - Operation activities during Pre-operation phase.

## WATER QUALITY PARAMETERS

3.4. The parameters 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 construction works or are a standard check on water quality conditions. Parameters to be measured in the impact monitoring are listed in **Table 3.1**.

Table 3.1 Parameters measured in the Impact Marine Water Quality Monitoring

Parameters	Unit	Abbreviation
In-situ measurements		
Dissolved oxygen	mg/L	DO DO
Temperature	۰C	-
рН	-	-
Turbidity	NTU	-
Salinity	0/00	-
Total Residual Chlorine NOTE1	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-

NOTE 1: Monitoring of Total Residual Chlorine will be conducted when cleaning and sterilization of the new freshwater main is carried out.

3.5. In addition to the 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**

3.6. 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 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.

#### **SAMPLING / TESTING PROTOCOLS**

3.7. 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.





3.8. 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**

- 3.9. 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.
- 3.10. Parameters for laboratory measurements, standard methods and detection limits are presented in **Table 3.2**.

Table 3.2 Laboratory measurements, standard methods, and corresponding detection limits of marine water quality monitoring

detection mines of marine water quanty 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	АРНА 3111 В	0.2	-	±25%			
Total residual chlorine	Test Kit (Lovibond MD200)	Lowest limit = 0.01mg/L; Upper limit = 6 mg/L	-	±25%			

## **MONITORING LOCATION**

#### **Construction Phase**

3.11. The Impact water quality monitoring was ceased from 1 September 2023 due to the completion of marine-related construction works.





## Pre-operation phase

3.12. The pre-operation phase impact water quality monitoring locations are in accordance with the EM&A Manual and detailed in **Table 3.3** 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 3.3 Location of Impact 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

3.13. 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.





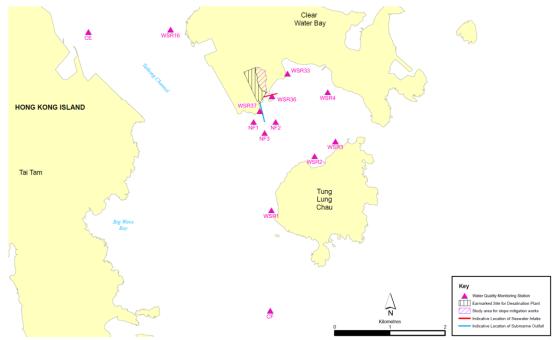


Figure 3.1 Impact water quality monitoring locations under EM&A Manual

## **SAMPLING FREQUENCY**

## Pre-operation phase

3.14. Impact water quality monitoring were carried out three days per week during the commission 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.

#### **SAMPLING DEPTHS & REPLICATION**

3.15. During impact 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.

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

#### Pre-operation phase

3.16. 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 3.4**.





Table 3.4 Derived Action and Limit Levels for Water Quality

Parameters	Derived Action and Limit Levels Action	Limit
Pre-operatio	n phase Impact Monitoring	
DO in mg/L	Surface and Middle	Surface and Middle
	$7.30~\mathrm{mg}~\mathrm{L}^{\text{-}1}$	4 mg L-1
	<u>Bottom</u>	<u>Bottom</u>
	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 <sup>-1</sup> 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
averageaj	from control station	station
	nom 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-	value at any impact station	at any impact station compared with
averaged)	compared with corresponding data	corresponding data from control
	from control station	station
Iron in mg/L	0.3 mg/L	0.3 mg/L
(Depth-		
averaged)		
Total residual	0.01 mg/L	0.01 mg/L
chlorine in		
mg/L		
ntas:		

#### 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.Monitoring of Total Residual Chlorine (Disinfection) will be conducted when cleaning and sterilization of the new freshwater main is carried out.





#### MONITORING RESULTS AND OBSERVATIONS

#### **Construction Phase**

3.17. Referring to EM&A Manual, the general water quality monitoring should be carried out when there are marine-related construction activities undertaken. General water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) was ceased from 1 September 2023 due to the completion of marine-related construction works.

## Pre-operation phase

- 3.18. Considering the first testing and commissioning(T&C) phase of Tseung Kwan O Desalination Plant was started in the reporting period, additional marine water quality monitoring was conducted at the thirteen monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2 and NF3) from 12 December 2023. The Action and Limit Level would be referred to the approved EM&A Manual Table 5.4 First-year Operation Phase Marine Water Monitoring
- 3.19. The additional marine water quality monitoring was conducted at the thirteen monitoring stations on 1, 3, 5, 7, 9, 12, 15, 17, 20, 22, 24, 27 and 29 February 2024.
- 3.20. Twenty-seven (27) of the pre-operation phase water quality monitoring results of SS obtained had exceeded the Action Level. Twenty-three (23) of the pre-operation phase water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level.
- 3.21. Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 1, 7, 9, 12, 20, 27 and 29 February 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 L**.
- 3.22. Monitoring results of 8 key parameters: Salinity, DO, turbidity, SS, pH, temperature, Total Residual Chlorine and Iron in this reporting, are summarized in **Table 3.5**, and detailed results are presented in **Appendix G**.





 Table 3.5
 Summary of Impact Water Quality Monitoring Results

						Parameto	ers			
Locati	Locations		Dissolved Oxygen (mg/L)			Turbidity	Suspended Solids	Temp.	TRC	Iron
		(ppt)	Surface & Middle	Bottom	pН	(NTU)	(mg/L)	(°C)	(mg/L)	(mg/L)
	Avg.	33.5	8.5	8.5	7.6	2.4	3.3	21.9	<0.01	<0.1
CE	Min.	32.6	7.7	7.7	7.2	2.0	2.5	20.1	<0.01	<0.1
	Max.	34.2	9.3	9.4	8.0	2.7	8.0	23.1	< 0.01	<0.1
	Avg.	33.2	8.5	8.6	7.6	2.6	3.2	21.9	< 0.01	<0.1
CF	Min.	32.7	7.8	7.8	7.1	2.1	2.5	20.1	< 0.01	<0.1
	Max.	34.0	9.2	9.1	8.0	3.1	9.0	23.4	< 0.01	<0.1
	Avg.	33.2	8.4	8.4	7.6	1.9	3.4	21.9	< 0.01	<0.1
WSR1	Min.	32.4	7.9	7.9	7.1	1.4	2.5	20.1	<0.01	<0.1
	Max.	34.0	9.2	9.2	7.9	2.4	10.0	23.4	<0.01	<0.1
	Avg.	33.0	8.5	8.5	7.6	1.9	2.9	21.9	<0.01	<0.1
WSR2	Min.	32.3	7.5	7.6	7.2	1.3	2.5	20.0	<0.01	<0.1
	Max.	33.9	9.3	9.2	8.0	2.4	7.0	23.2	<0.01	<0.1
	Avg.	33.2	8.5	8.5	7.6	2.0	3.4	22.0	<0.01	<0.1
WSR3	Min.	32.3	7.9	7.9	7.1	1.6	2.5	20.0	<0.01	<0.1
	Max.	34.0	9.2	9.2	8.0	2.3	13.0	23.2	<0.01	<0.1
	Avg.	33.3	8.5	8.5	7.6	2.0	3.5	22.0	<0.01	<0.1
WSR4	Min.	32.2	7.5	7.5	7.1	1.5	2.5	20.0	<0.01	<0.1
	Max.	34.2	9.0	9.1	7.9	2.3	14.0	23.2	<0.01	<0.1
	Avg.	33.3	8.5	8.5	7.6	1.9	3.2	22.0	< 0.01	<0.1
WSR16	Min.	32.7	7.9	7.9	7.2	1.1	2.5	20.3	<0.01	<0.1
	Max.	34.1	9.0	9.0	8.0	2.3	6.0	23.2	< 0.01	<0.1

Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Monthly EM&A Report No.48





						Paramet	ers			
Locati	ons	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.	33.4	8.5	8.5	7.6	1.9	3.1	21.9	<0.01	<0.1
WSR33	Min.	32.2	7.4	7.5	7.1	1.3	2.5	20.1	<0.01	<0.1
	Max.	34.0	9.5	9.5	7.9	2.3	6.0	23.3	<0.01	<0.1
	Avg.	33.3	8.5	8.5	7.6	2.0	3.0	21.9	<0.01	<0.1
WSR36	Min.	32.7	7.6	7.6	7.1	1.3	2.5	20.1	<0.01	<0.1
	Max.	34.0	9.3	9.3	8.1	2.4	5.0	23.1	<0.01	<0.1
	Avg.	33.4	8.3	8.3	7.6	2.0	3.3	22.0	<0.01	<0.1
WSR37	Min.	32.4	7.6	7.6	7.1	1.5	2.5	20.2	<0.01	<0.1
	Max.	34.2	9.0	9.1	8.0	2.4	7.0	23.3	<0.01	<0.1
	Avg.	33.2	8.3	8.3	7.6	2.0	3.4	21.9	<0.01	<0.1
NF1	Min.	32.5	7.9	7.8	7.1	1.5	2.5	20.2	<0.01	<0.1
	Max.	34.2	8.9	8.9	8.0	2.4	9.0	23.1	<0.01	<0.1
	Avg.	33.3	8.3	8.3	7.6	2.0	3.1	21.9	<0.01	<0.1
NF2	Min.	32.3	7.4	7.4	7.1	1.5	2.5	19.9	<0.01	<0.1
	Max.	33.9	9.1	9.0	7.9	2.4	7.0	23.2	<0.01	<0.1
	Avg.	33.0	8.4	8.4	7.6	2.0	3.4	21.9	<0.01	<0.1
NF3	Min.	32.3	7.6	7.5	7.1	1.4	2.5	20.0	<0.01	<0.1
	Max.	33.9	9.6	9.6	8.0	2.4	7.0	23.1	< 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.





## 4. WASTE

4.1. 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 4.1**. Details of cumulative waste management data are presented as a waste flow table in **Appendix H**.

Table 4.1 Quantities of Waste Generated from the Contract during the reporting period

	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				Ionthly
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)
Feb 2024	*22448.146	0.000	0.000	21883.006	*565.14	0.000	0.000	0.000	0.000	0.000	*39.58

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

<sup>(\*)</sup> The record in EPD Transaction Records system was up to 22/02/2024, the data from 23/02 to 29/02 will be updated in next reporting period.





## 5. LANDFILL GAS MONITORING

## MONITORING REQUIREMENT

5.1. In accordance with Section 11 of the EM&A Manual, monitoring of landfill gas is required for construction works within the 250m 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 fresh water 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.

#### MONITORING PROGRAMME

5.2. Since part of the desalination plant (Wan Po Road and MIC compound/Basketball Court) and the indicative area of natural slope mitigation works fall within the SENT Landfill Extension Consultation Zone in this contract (**Figure 5.1**), landfill gas monitoring would be required for Wan Po Road and MIC compound/Basketball Court (**Figure 5.2**) if excavations were conducted at more than 300mm deep. Although SENT Landfill Extension has commenced operation since November 2021, no excavation works were conducted at MIC compound/Basketball Court. Hence no landfill gas monitoring would be scheduled for MIC compound/Basketball Court at the current stage.

#### **MONITORING LOCATION**

- 5.3. Monitoring of oxygen, methane, carbon dioxide and barometric pressure would be performed for excavations at 1m depth or more within the consultation Zone.
- 5.4. During construction of works within the consultation zones, excavations of 1m depth or more was monitored:
  - At the ground surface before excavation commences;
  - Immediately before any worker enters the excavation;
  - At the beginning of each working day for the entire period the excavation remains open; and
  - Periodically through the working day whilst workers are in the excavation.
- 5.5. For excavations between 300mm and 1m deep, measurements were carried out:
  - Directly after the excavation has been completed; and
  - Periodically whilst the excavation remains open.
- 5.6. The area required to be monitored for landfill gas in the reporting period is shown in **Figure 5.1**.





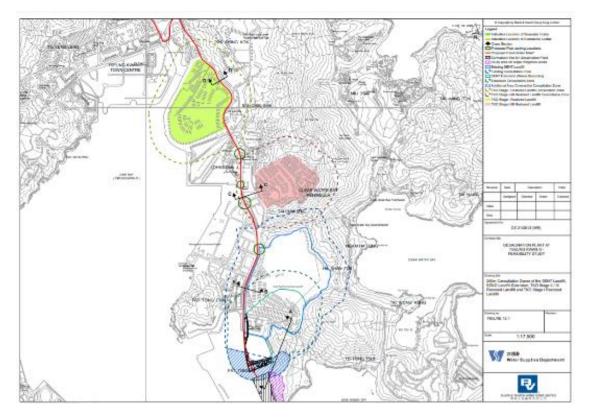


Figure 5.1 Overview of the SENT Extension Consultation Zone and the Contract Site Area

#### **MONITORING PARAMETERS**

5.7. The landfill gas monitoring parameters and the action and limit level are summarized in **Table 5.1**.

Table 5.1 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

- 5.8. 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)

5.9. Monitoring equipment used in the reporting period are summarized in **Table 5.2**. The Landfill Gas monitoring equipment calibration certificate is presented in **Appendix F**.

Table 5.2 Landfill Gas Monitoring Equipment

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

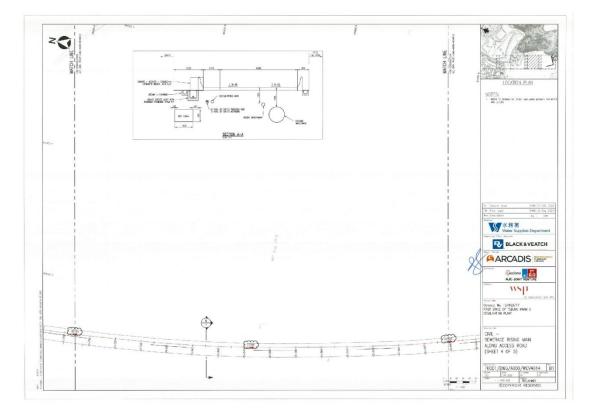


Figure 5.2 Location Map for Landfill Gas Monitoring at TKO Area 137 (-0+440 - -0+760)







Figure 5.3 Location Map for Landfill Gas Monitoring at TKO Area 137 (-0+740 - -1+060)

#### MONITORING RESULTS AND OBSERVATIONS

5.10. In this reporting period, 126 times of landfill gas monitoring were periodically conducted during excavations at 300mm to 1m depth within the consultation zone and whenever workers entered the excavation on the day at TKO Area 137 (Ch1+340 – Ch1+600). No exceedances of action level and limit level was observed.





# 6. ECOLOGY(LANDSCAPE)

## **MONITORING REQUIREMENTS**

6.1. 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**

- 6.2. 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. Retained trees was properly protected during the construction works, no unacceptable construction works was observed.
- 6.3. If non-compliance were found during the construction works, the actions in accordance with the Event and Action Plan will be carried out according to **Appendix E**.





# 7. ECOLOGY (CORAL MONITORING)

7.1. Under the approval conditions of the EIA Report for the Project, an EM&A programme on coral for the pre-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 Pre-Operation Baseline Coral Monitoring and Regular Coral Monitoring Methodology.

#### **MONITORING LOCATION**

7.2. 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 7.1** should be monitored during the pre-operation Phase. Pre- 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 pre- operation phase and operation phase.

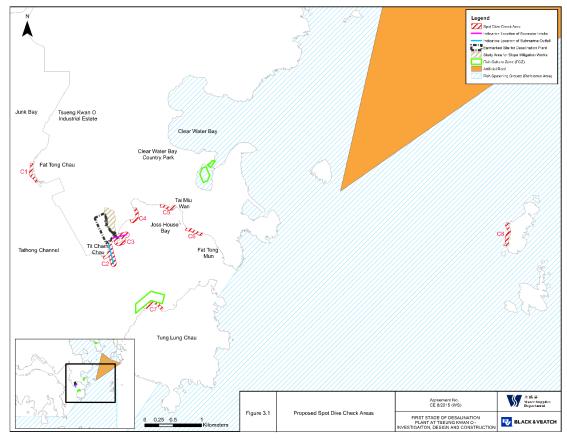


Figure 7.1 Spot Dive Check Areas Two Proposed Indirect Impact Sites (C2 and C3) and one control site (C8) during pre-operation Phase





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

7.3. 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 7.1**.

Table 7.1 Action and Limit Level for Coral Monitoring Equipment

		<u> </u>
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.

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

#### **MONITORING FREQUENCY**

7.5. Pre-operation phase coral monitoring shall be monitored once per month as the requirement of the first year of operational phase.

#### MONITORING RESULT AND OBSERVATION

- 7.6. Pre-operation phase coral monitoring works was conducted on 23 February 2024. All tagged coral colonies showed good health condition during the February 2024 Monitoring survey. There was no increased level of mortality, bleaching and sediment in other tagged coral colonies when compared with the baseline results. There is no AL/LL exceedance during the monitoring period.
- 7.7. The details of the monitoring carried out on 23 February 2024 are presented in **Appendix** I.





# 8. ECOLOGY (FISHERY MONITORING)

8.1. The purpose of the pre-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**

- 8.2. 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.
- 8.3. 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).
- 8.4. 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.
- 8.5. 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.
- 8.6. The coordinates of the proposed monitoring locations are shown in **Figure 8.1**.





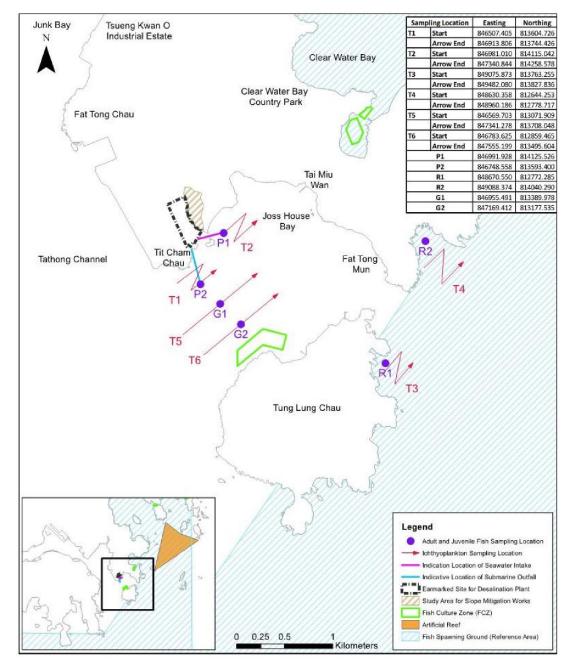


Figure 8.1 Monitoring location of regular fishery monitoring during pre-operation

Phase

# **MONITORING FREQUENCY**

- 8.7. Pre-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).

# MONITORING RESULT AND OBSERVATION

8.8. Pre-operation phase dry season fishery monitoring was carried out on 17 and 24 February 2024. The details of the monitoring would be present when the result is available.





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

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

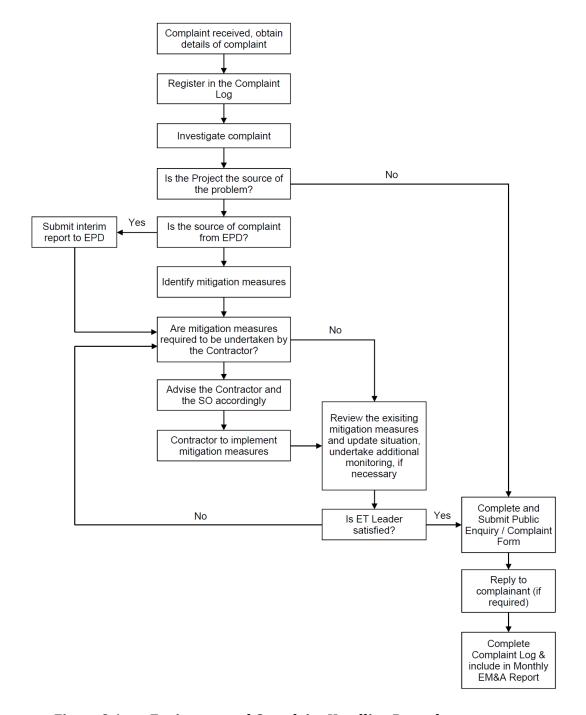


Figure 9.1 Environmental Complaint Handling Procedures





- 9.2. No noise monitoring was conducted during the reporting period since there are no Contract-related construction activities undertaken within a radius of 300m from the monitoring locations. No action Level exceedance for construction noise monitoring was recorded in the reporting month.
- 9.3. Construction phase general water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) are ceased from 1 September 2023 due to the completion of marine-related construction works.
- 9.4. Pre-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
- 9.5. The additional marine water quality monitoring was conducted at the thirteen monitoring stations on 1, 3, 5, 7, 9, 12, 15, 17, 20, 22, 24, 27 and 29 February 2024.
- 9.6. Twenty-seven (27) of the pre-operation phase water quality monitoring results of SS obtained had exceeded the Action Level. Twenty-three (23) of the pre-operation phase water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Leve. After investigation, all exceedances were concluded unrelated to the Project.
- 9.7. Pre-operation phase coral monitoring works was conducted on 23 February 2024. All tagged coral colonies showed good health condition during the February 2024 Monitoring survey. There was no increased level of mortality, bleaching and sediment in other tagged coral colonies when compared with the baseline results. There is no AL/LL exceedance during the monitoring period.
- 9.8. Pre-operation phase fishery monitoring for dry season was carried out on 17 and 24 February 2024. The details of the monitoring would be present when the result is available.
- 9.9. In this reporting period, 126 times of landfill gas monitoring were periodically conducted at TKO Area 137 (Ch1+340 Ch1+600). No exceedances of action level and limit level was observed.
- 9.10. No environmental complaint, notification of summons and prosecution Statistics on complaint and notification of summons and prosecution are summarized in **Appendix K**.





# 10. EM&A SITE INSPECTION

10.1. 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 7, 16, 20 and 28 February 2024 at the site portions listed in **Table 10.1** below.

**Table 10.1** Summaries of Site Inspection Record

Date	Inspected Site Portion	Time
7 February 2024	TKO Area 137	14:30 - 15:30
16 February 2024	TKO Area 137	14:30 - 15:30
20 February 2024	TKO Area 137	14:30 - 15:30
28 February 2024	TKO Area 137	09:15 - 12:30

- 10.2. Joint site inspections with IEC were carried out on 16 and 28 February 2024.
- 10.3. 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	Environmental Observations	Follow-up Status
7 Feb 2024	No major environmental deficiency was observed.	N/A
16 Feb 2024	No major environmental deficiency was observed.	N/A
20 Feb 2024	No major environmental deficiency was observed.	N/A
28 Feb 2024	No major environmental deficiency was observed.	N/A

10.4. 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 C**. Site inspection proforma of the reporting period is provided in **Appendix J**.





# 11. FUTURE KEY ISSUES

# 11.1. Works to be undertaken in the next reporting month are:

## **Administration Building**

- Installation of Internal partition wall
- External wall finishing works
- Construction of block work for meter cabinet
- Installation of glass door for laboratory
- Minor Installation of building services, cable laying and termination, Photovoltaic
   Panel Installation, Testing & Commissioning

# Chemical building

- Roof planting works
- Construction of hose reel cabinet.
- Defect rectification

## Main Electrical & Central Chiller Plant Building

 Minor Installation of building services, electrical switchboard, cable laying, pressure test

# ActiDAFF

- Underground utility construction work
- Rectification works for roof tiles
- Minor Installation of mechanical equipment, installation of building services,
   Minor cable laying and termination, Installation of Lightning System, Installation of Fibre Reinforced Polymer Cover Installation, Testing & Commissioning

## Product Water Storage Tank Building

- Waterproofing work at Roof Slab on Tank A
- Tank A defect rectification, Water proofing,
- Installation of building services, cable laying and termination, Testing & Commissioning
- Adjacent underground utility construction work (Sewerage and Waterworks) -

#### **OSCG** Building

- Installation of Promat Board in Skid Room
- Installation of Railing on Brine Maker Tank
- Installation of building services, mechanical equipment and cable laying and termination, testing and commissioning





#### **Reverse Osmosis Building**

- Sanitary Ware Installation in Toilet
- Wall Painting and False Ceiling Installation in Toilet
- Installation of Water Meter Cabinets
- Construction of External Concrete Walls
- Underground utility construction work
- Installation of building services, electrical switchboard of cable laying and termination, Minor Installation of mechanical equipment and raised floor, testing and commissioning, Photovoltaic Panel Installation

#### **Post Treatment Building**

- Installation of Cat Ladders in Irrigation Tanks
- Placing Soil Mix at Roof
- Curb Construction for Rescue Opening at Water Tanks
- Minor Installation of building services, Minor Installation of mechanical equipment, Cable laying and termination, Pressure Test

## Inspection corridor

- Construction of roof tiling
- Internal decoration and finishing works
- Installation of building services, Lift Installation

#### Combined Shaft and Pump room

- CCTV Installation, Installation of Lightning System, Minor building services Installation, testing and commissioning
- Internal finishing, defect rectification

## **Guard House**

- Installation of Building Services
- Guard House B Guard House, Workshop construction work

#### Other

- Underground utility rectification work (Manhole and Draw pit) –
- 132 Kv (Watermain works)
- Security Fence footing construction work
- Light Pole installation work
- Road Construction
- Footpath Construction
- Landscape Construction
- Irrigation System installation
- Water Pressure Test for Fire Services and Plumbing System
- Landscape planting work
- Traffic signage work
- Cladding installation for Elevated Walkway
- Slope work –Rock anchors installation, Rock break, Concreting
- Open Channel and Wave deflector Wall





- 11.2. The major environmental impacts brought by the above construction works will include:
  - Construction dust and noise generation from excavation, construction works and slope work; and
  - Waste generation from construction activities.
- 11.3. The key environmental mitigation measures for the Project in the coming reporting period associated with the above construction works will include:
  - Dust suppression by regular wetting and water spraying for construction works;
  - Reduction of noise from equipment and machinery on-site by regular checking of on-site plant/vehicle to ensure proper functioning;
  - Sorting and storage of general refuse and construction waste;
  - Deployment of silt curtain at the inshore water outflow; and
  - Deployment protective fencing for trees





# 12. CONCLUSIONS AND RECOMMENDATIONS

- 12.1. This is the 48<sup>th</sup> Monthly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 February to 29 February 2024, in accordance with the EM&A Manual and the requirement under FEP-01/503/2015/A.
- 12.2. No noise monitoring was conducted in the reporting period due to the construction activities not being undertaken within a radius of 300m from the monitoring locations.
- 12.3. The construction phase marine water quality programme was ceased from 1 September 2023 due to the completion of marine-related construction works.
- 12.4. The EM&A works for Pre-operation phase water quality were conducted during the reporting period in accordance with the EM&A Manual. Twenty-seven (27) of the Pre-operation phase water quality monitoring results of SS obtained had exceeded the Action Level. Twenty-three (23) of the pre-operation phase water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level. After investigation, all exceedances were concluded unrelated to the Project.
- 12.5. Pre-operation phase coral monitoring works was conducted on 23 February 2024. All tagged coral colonies showed good health condition during the February 2024 Monitoring survey. There was no increased level of mortality, bleaching and sediment in other tagged coral colonies when compared with the baseline results. There is no AL/LL exceedance during the monitoring period.
- 12.6. Pre-operation phase fishery monitoring for dry season was carried out on 17 and 24 February 2024. The details of the monitoring would be present when the result is available.
- 12.7. In this reporting period, 126 times of landfill gas monitoring were periodically conducted at TKO Area 137 (Ch1+340 Ch1+600). No exceedances of action level and limit level was observed.
- 12.8. 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.
- 12.9. According to the environmental site inspections performed in the reporting month, the Contractor is reminded to pay attention on chemical storage, site hygiene and dust suppression mitigation measures.
- 12.10.No environmental complaint, notification of summons and prosecution was received in the reporting period.
- 12.11. The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

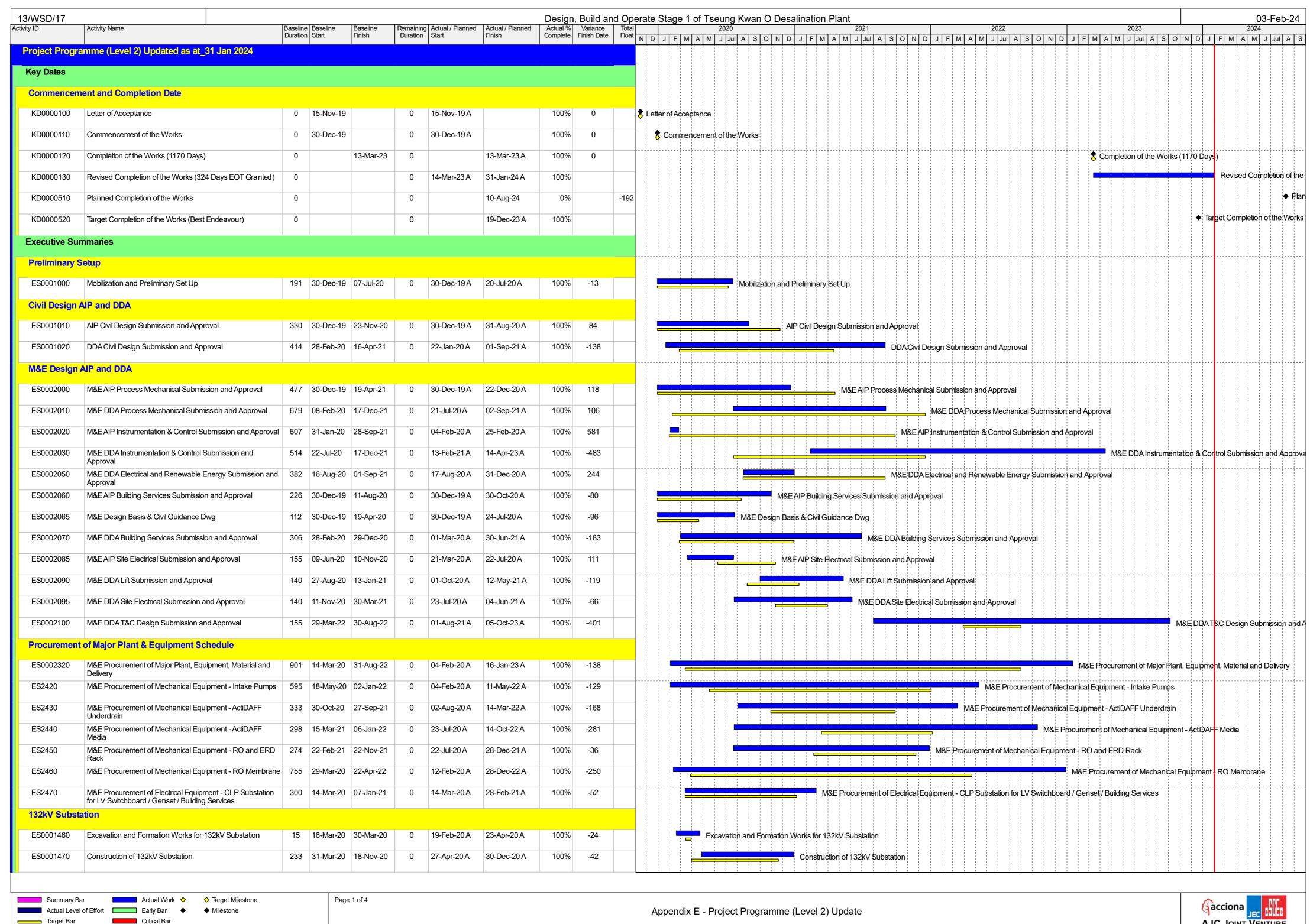
Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant

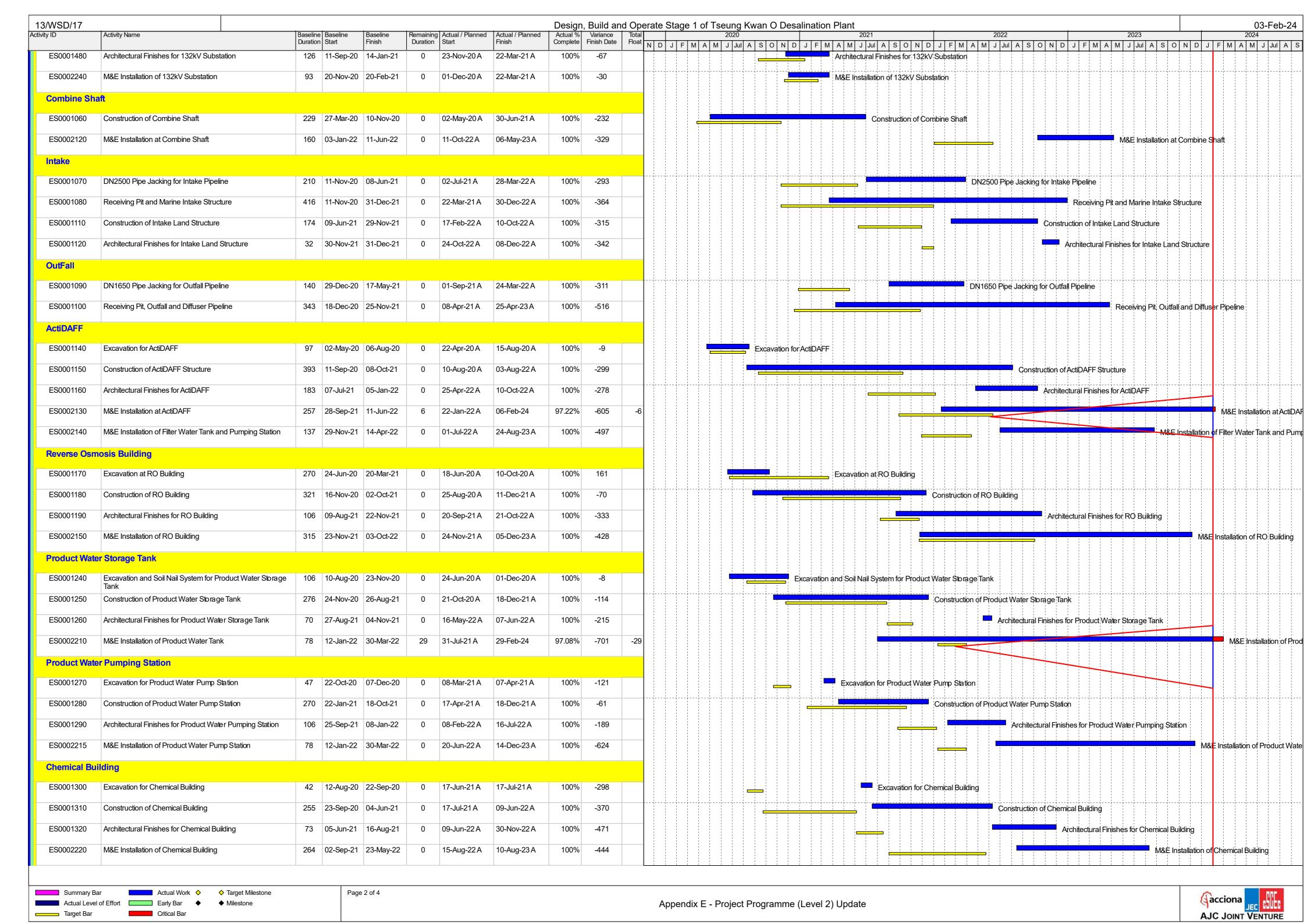


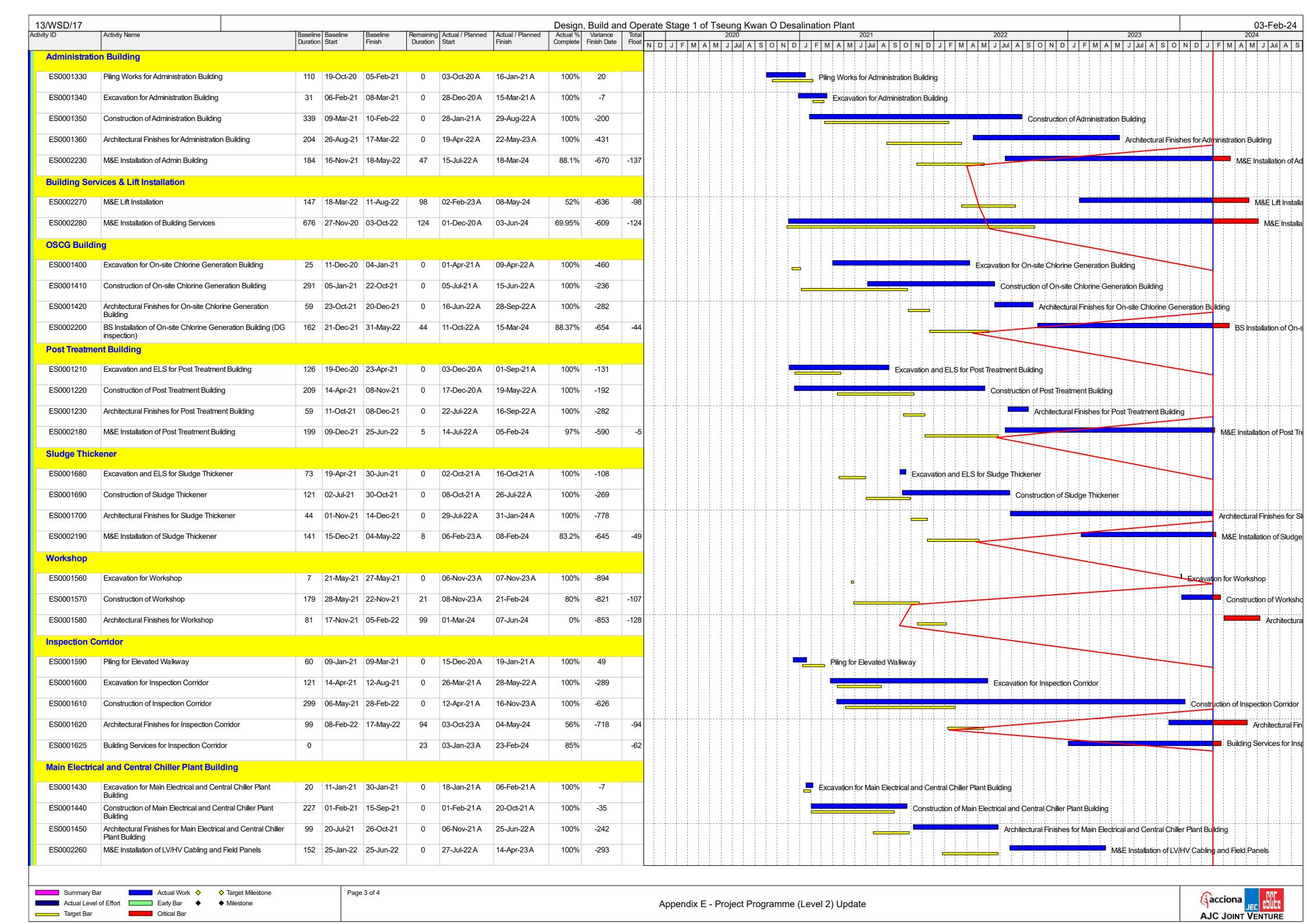


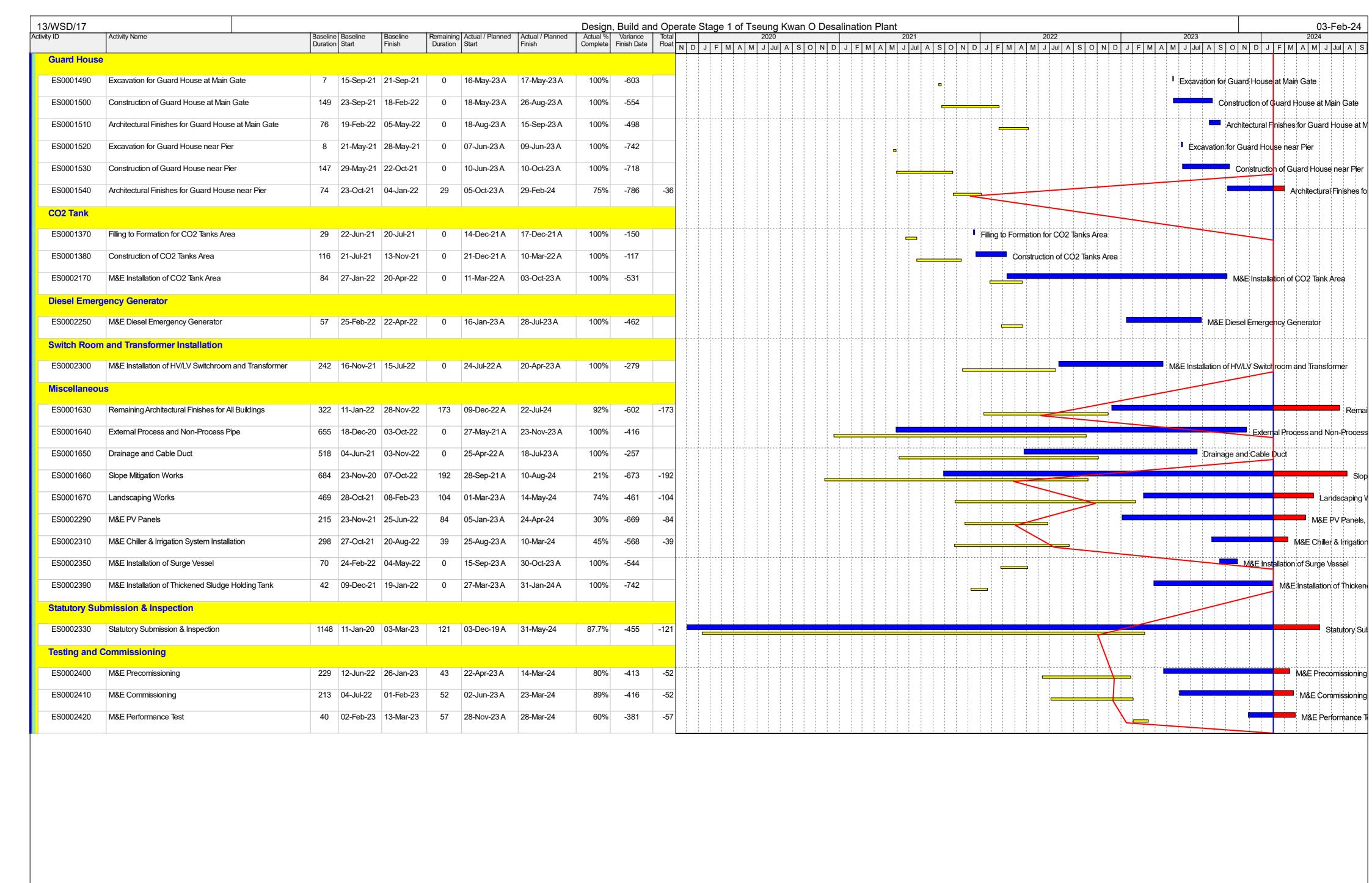
# Appendix A

Master Programme











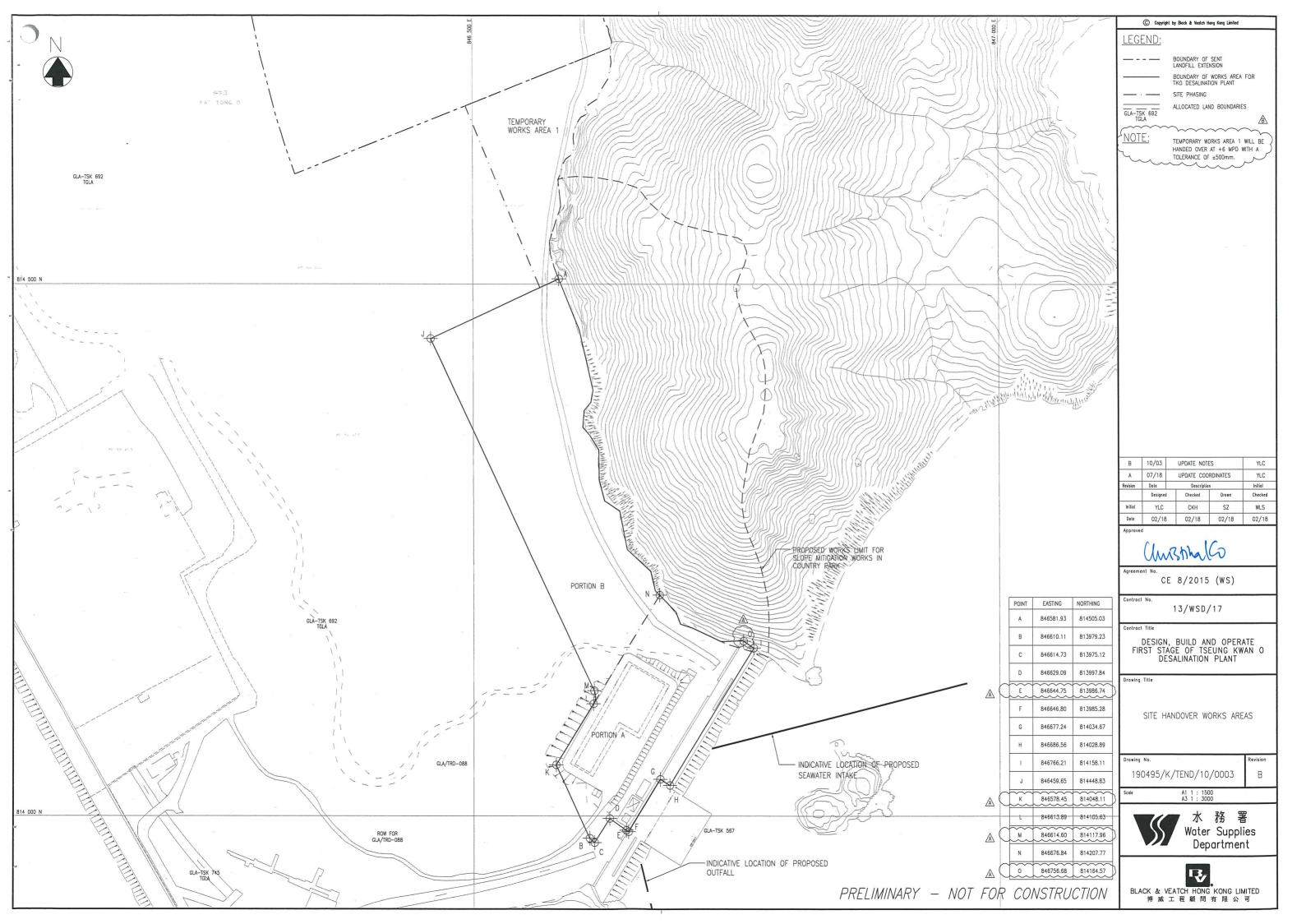
Critical Bar





# Appendix B

# Overview of Desalination Plant in Tseung Kwan O



# BUILDINGS IN FIRST STAGE

DUILDINGS IN FIRST STAGE											
CODE	NAME OF BUILDING	TOTAL G.F.A. (m <sup>2</sup> )	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								
٧	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								
	TOTAL =	25175,323	21498.023								

# 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

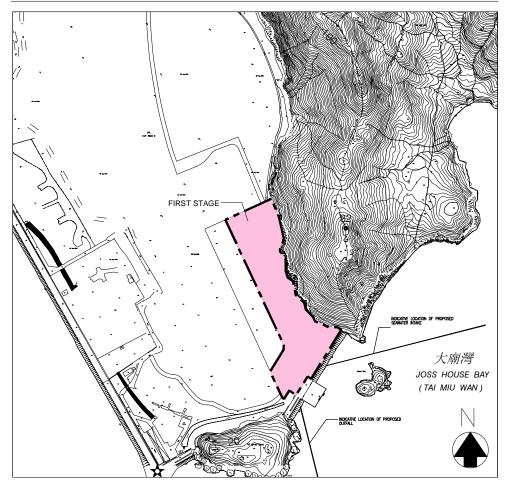
FIREMAN'S LIFT LIFT FOR THE BARRIER FREE ACCESS

PIPE DUCT

# PLOT RATIO & SITE COVERAGE CALCULATION:

TOTAL G.F.A. TOTAL SITE COVERAGE

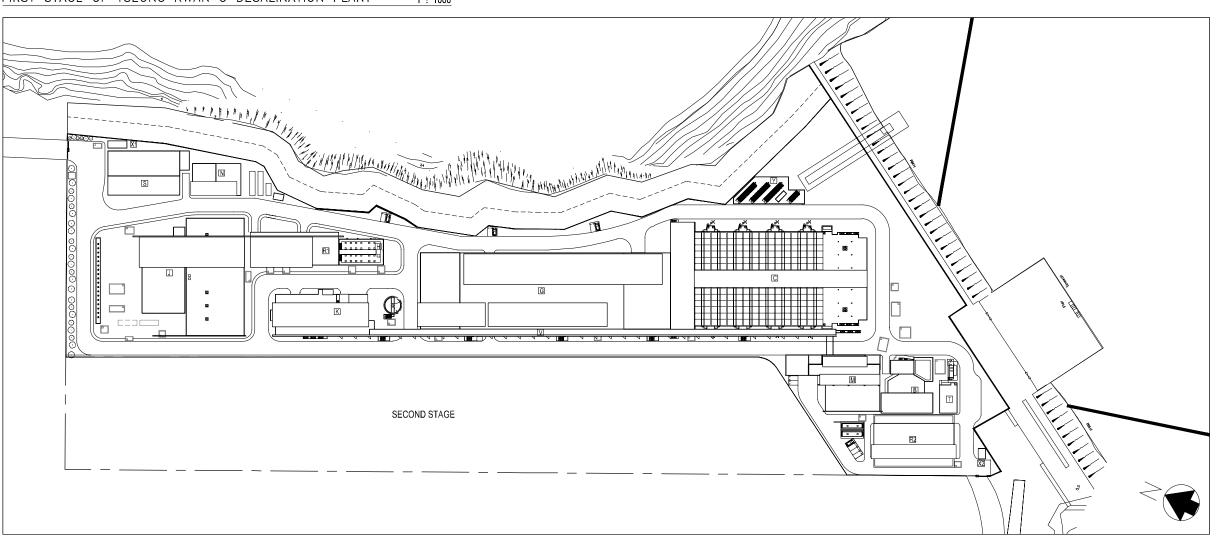
SITE COVERAGE



1 : 5000

SITE LOCATION PLAN

# FIRST STAGE OF TSEUNG KWAN O DESALINATION PLANT





TKO/AJC/W/A000/AR/001

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# Appendix C

Summary of Implementation Status of Environmental Mitigation





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures & I	Implementation Agent	Impl	emen Stage	tation	Implementation	Relevant Legislation & Guidelines
Reference	Mitigation Measures	main concerns to address	Implementation Agent	D	С	0	status	
Air Quality								
S4.8.1	Impervious dust screen or sheeting will be provided to enclose scaffolding from the ground floor level of building for construction of superstructure of the new buildings.	Land site/ During Construction	Contractor(s)		<b>✓</b>		Implemented	Air Pollution Control (Construction Dust)
S4.8.1	Impervious sheet will be provided for skip hoist for material transport.	Land site/ During Construction, particularly dry season	Contractor(s)		1		NA	-
S4.8.1	The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable.	Land site/ During Construction	Contractor(s)		1		Implemented	-
S4.8.1	All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation.	Land site/ During Construction	Contractor(s)		1		Implemented	-
S4.8.1	Dropping heights for excavated materials should be controlled to a practical height to minimize the fugitive dust arising from unloading.	Land site/ During Construction	Contractor(s)		1		Implemented	-
S4.8.1	During transportation by truck, materials should not be loaded to a level higher than the side and tail boards and should be dampened or covered before transport.	Land site/ During Construction	Contractor(s)		1		Implemented	-
S4.8.1	Wheel washing device should be provided at the exits of the work sites. Immediately before leaving a construction site, every vehicle shall be washed to remove any dusty material from its body and wheels as far as practicable.	Land site/ During Construction	Contractor(s)		<b>V</b>		Implemented	-
S4.8.1	Road sections between vehicle-wash areas and vehicular entrance will be paved.	Land site/ During Construction	Contractor(s)		~		Implemented	-
S4.8.1	Hoarding of not less than 2.4m high from ground level will be provided along the length of the Project Site boundary.	Land site/ During construction	Contractor(s)	1	~		N/A	-
S4.8.1	Haul roads will be kept clear of dusty materials and will be sprayed with water so as to maintain the entire road surface wet at all times.	Land site/ During construction	Contractor(s)		1		Implemented after reminder	-





EIA	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & In main concerns to address		Implementation Stage			Implementation status	Relevant Legislation & Guidelines
Reference				D	С	0	status	Guidennes
S4.8.1	Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or sprayed with water to maintain the entire surface wet all the time.	Land site/ During construction	Contractor(s)		<b>√</b>		Implemented after reminder	-
S4.8.1	Stockpiles of more than 20 bags of cement, dry pulverised fuel ash and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides.	Land site/ During construction	Contractor(s)		<b>√</b>		Implemented	-
S4.8.1	All exposed areas will be kept wet always to minimise dust emission.	Land site/ During construction	Contractor(s)		<b>√</b>		Implemented	-
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)		•	1	Implemented	Environment, Transport and Works Bureau Technical Circular (ETWB- TC(W)) No 19/2005 on Environmental Management on Construction Sites
S4.8.1	The engine of the construction equipment during idling will be switched off.	Land site/ During construction	Contractor(s)		✓		Implemented	-
S4.8.1	Concrete batching plant will be required on site. control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented. The control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented.	Land site/ During construction	Contractor(s)		•		N/A	-
S4.8.1	Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emission.	Land site/ During construction	Contractor(s)		✓		Implemented after observation	-
S4.10	To ensure proper implementation of the recommended dust mitigation measures and good construction site practices during the construction phase, environmental site audits on weekly basis is recommended throughout the construction period.	Land site/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-





EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent		ementation Stage	Implementation status	Relevant Legislation & Guidelines
		main concerns to address		D	C 0		
Noise						T - , ,	T
S5.7	Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction phase.	All area/ During construction	Contractor(s)			Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Silencers or mufflers on construction equipment will be utilised and will be properly maintained during the construction phase.	Noise control/ During construction	Contractor(s)		<b>Y</b>	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Mobile plant, if any, will be sited as far away from NSRs as possible.	Noise control/ During construction	Contractor(s)		~	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum.	Noise control/ During construction	Contractor(s)		<b>*</b>	Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Plants known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.	Noise control/ During construction	Contractor(s)		<b>*</b>	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities.	Noise control/ During construction	Contractor(s)		<b>*</b>	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Use of Quite Powered Mechanical Equipment (QPME).	Noise control/ During construction	Contractor(s)		<b>✓</b>	Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Movable noise barriers of 3m in height with skid footing should be used and located within a few metres of stationary plant and mobile plant such that the line of sight to the NSR is blocked by the barriers. The length of the barrier should be at least five times greater than its height. The noise barrier material should have a superficial surface density of at least 7 kg m-2 and have no o or gappeningss.	Noise control/ During construction	Contractor(s)		·	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	The noise insulating sheet should be deployed such that there would be no opening or gaps on the joints.	Noise control/ During construction	Contractor(s)		<b>~</b>	N/A	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	Construction activities (e.g. excavation/shoring, reinstatement (asphalt), and pipe jacking) will be planned and carried out in sequence, such that items of PME proposed for these activities will not be operated simultaneously.	Noise control/ During construction	Contractor(s)	<b>√</b>	<b>V</b>	Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	PMEs will not be used at the works areas near educational institutions with residual impact (ie the "influence area" within a	Noise control / During construction	Contractor(s)		<b>✓</b>	N/A	A Practical Guide for the Reduction of Noise from





EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Implementation Stage		ation	Implementation status	Relevant Legislation & Guidelines
		main concerns to address		D	C	0		
	radius of 40m) during school hours in order to reduce impact to the educational institutions.							Construction Works
S5.7	Noise enclosures or acoustic sheds would be used to cover stationary PME such as generators.  Portable/Movable noise enclosure made of material with superficial surface density of at least 7 kg m-2 may be used for screening the noise from operation of the saw/groover, concrete.	Noise control/ Pre- construction/ During construction	Contractor(s)	<b>*</b>	<b>✓</b>		N/A	-
S5.9	Sawcutting pavement, breaking up of pavement, excavation /shoring, pipe laying, backfilling, reinstatement (concrete) and pipe jacking shall be scheduled outside the examination period.	Noise control/ Pre- construction/ During construction	Contractor(s)	<b>✓</b>	<b>*</b>		N/A	-
S5.9	In view the duration of noise exceedance at Creative Secondary School, PLK Laws Foundation College, TKO Kei Tak Primary School and School of Continuing and Professional Studies-CUHK is limited to 8 weeks, the construction work in the influence areas near the four schools shall be scheduled during long school holidays (eg summer holiday, Easter holiday or Christmas holiday, etc) as far as practicable. Scheduling the construction work for the four schools.	Noise control/ Pre- construction/ During construction	Contractor(s)	<b>✓</b>	•		N/A	-
S5.10	A noise monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/During construction phase	Environmental Team		<b>✓</b>		N/A	-
S5.10	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	Contractor(s)/ET & Independent Environmental Checker (IEC)		<b>✓</b>		Implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the	Implementation Agent	Imple	men	tation	Implementation	Relevant Legislation
Reference		recommended measures &	pro		Stage		status	& Guidelines
		main concerns to address		D	C	0		
Water Qua	•							
S6.9	Dredged marine sediment will be disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO).	Marine Dredging/ During construction	Contractor(s)		<b>✓</b>		Implemented	Dumping at Sea Ordinance (DASO)
S6.9	Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	Barges will be filled to a level, which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	All vessels should be well maintained and inspected before use to limit any potential discharges to the marine environment.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	All vessels must have a clean ballast system.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	No discharge of sewage/grey wastewater should be allowed. Wastewater from potentially contaminated area on working vessels should be minimized and collected. These kinds of wastewater should be brought back to port and discharged at appropriate collection and treatment system.	Marine Dredging/ During construction	Contractor(s)		✓		Implemented	-
S6.9	No soil waste is allowed to be disposed overboard.	Marine Dredging/ During construction	Contractor(s)		<b>√</b>		N/A	-
S6.9	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	ProPECC PN 1/94 TM Standard under the WPCO
S6.9	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-





EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures &	Implementation Agent	Impl	emer Stag	tation	Implementation status	Relevant Legislation & Guidelines
	9	main concerns to address		D	C	0		
S6.9	Appropriate surface drainage will be designed and provided where necessary.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarized in Appendix A2 of ProPECC PN 1/94.	Land site & drainage/ During construction	Contractor(s)	<b>✓</b>	✓		Implemented	ProPECC PN 1/94
S6.9	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site & drainage/ During construction	Contractor(s)		<b>*</b>		N/A	-
S6.9	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site & drainage/ During construction	Contractor(s)		1		Implemented	-
S6.9	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-
S6.9	Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the construction workers over the construction site to prevent direct disposal of sewage into the water environment.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		Implemented	-
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>V</b>	<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>	<b>→</b>	Implemented	-
S6.12	Regular site inspections will be carried out in order to confirm that regulatory requirements are being met and that contractors are implementing the standard site practice and mitigation measures as proposed to reduce potential impacts to water quality.	During construction	Contractor(s)/ ET & IEC		✓		Implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent		men Stage	tation	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	implementation Agent	D	C	0	Status	Guidelines
Waste Mar	nagement							
S8.5	Nomination of approved personnel to be responsible for standard site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.	Contract mobilization/ During construction	Contractor(s)		<b>✓</b>		Implemented	-
S8.5	Training of site personnel in proper waste management and chemical handling procedures. Training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse, and recycling at the beginning of the construction works.	Contract mobilization/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractor(s)		✓	<b>√</b>	Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	Appropriate measures to reduce windblown litter and dust transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	All area/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	A waste management plan (WMP) as stated in the "ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites" for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation.	All area/ During construction	Contractor(s)		<		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites
S8.5	Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi.	All area/ During construction	Contractor(s)		✓		Implemented	Chapters 2 & 3 Code of Practice on the Packaging, Labelling & Storage of Chemical Wastes published under the Waste Disposal Ordinance (Cap 354), Section 35
S8.5	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractor(s)		✓		Implemented	Waste Disposal Ordinance (Cap 354)





EIA	Recommended Environmental Protection Measures/	Objectives of the		Impl		itation	Implementation	Relevant Legislation &
Reference	Mitigation Measures	recommended measures &	Implementation Agent	_	Stag		Status	Guidelines
S8.5	A recording system for the amount of wastes generated/recycled and disposal sites. The trip-ticket system will be included as one of the contractual requirements and implemented by the contractor(s).	main concerns to address  Land site/ During construction	Contractor(s)	D	C ✓	0	Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.	Land site/ During construction/ During operation	Contractor(s)		✓		Implemented	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Encourage collection of aluminium cans and wastepaper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	Contractor(s)		✓		Implemented	ETWB TCW No. 33/2002, Management of Construction and Demolition Material Including Rock
S8.5	Any unused chemicals and those with remaining functional capacity will be recycled as far as possible.	Land site/ During construction	Contractor(s)		✓		N/A	-
S8.5	Use of reusable non-timber formwork to reduce the amount of C&D materials.	All areas/ During construction	Contractor(s)		✓		Implemented	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Prior to disposal of construction waste, wood, steel, and other metals will be separated to the extent practical, for re-use and/or recycling to reduce the quantity of waste to be disposed of to landfill.	All areas/ During construction	Contractor(s)		<b>√</b>		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Proper storage and site practices to reduce the potential for damage or contamination of construction materials.	All areas/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Plan and stock construction materials carefully to reduce amount of waste generated and avoid unnecessary generation of waste.	All areas/ During construction	Contractor(s)		✓		Implemented	-
S8.5	A Sediment Quality Report (SQR) for sampling and chemical testing of the sediment will be prepared and submitted to the EPD for approval. The approved detailed sampling and chemical testing will be carried out prior to the commencement of the dredging activities to confirm the sediment disposal method.	Marine works/ During construction	Contractor(s)		✓		N/A	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Impl	emer Stag	tation	Implementation	Relevant Legislation & Guidelines
Reference	Mitigation Measures	main concerns to address	implementation Agent	D	C	0	Status	
S8.5	The management of dredged/ excavated sediment management requirement from ETWB TC(W) No. 34/2002 will be incorporated in the Specification of the Contract Documents.	Marine works/ During construction	WSD/ Contractor(s)		✓		Implemented	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)
S8.5	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilization/ During construction	Contractor(s)		<b>√</b>		Implemented	Cap 354N Waste Disposal (Charges for Disposal of Construction Waste) Regulation
S8.5	A trip-ticket system will be established in accordance with DEVB TC(W) No. 6/2010 to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilization/ During construction	Contractor(s)		<b>✓</b>		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	The project proponent will also conduct regular inspection of the waste management measures implemented on site as described in the Waste Management Plan.	All area/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		<b>✓</b>		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites
S8.5	A recording system (similar to summary table as shown in Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005) for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established during the construction phase.	All area/ During construction	Contractor(s)		<b>✓</b>		Implemented	Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005
S8.5	Inert C&D materials (public fill) will be reused within the Project as far as practicable.	All area/ During construction	Contractor(s)		<b>*</b>		Implemented	-
S8.5	Public fill and construction waste shall be segregated and stored in different containers or skips to facilitate reuse or recycling of materials and their proper disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	All area/ During construction	Contractor(s)		<b>*</b>		Implemented	-
S8.5	To reduce the potential dust and water quality impacts of site formation works, C&D materials will be wetted as quickly as possible to the extent practice after filling.	All area/ During construction	Contractor(s)		✓		Implemented	Air Pollution Control (Construction Dust) Regulation (Cap 311R); WPCO (Cap 358)





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Impl	emer Stag	06 -		Relevant Legislation &
Reference	Mitigation Measures	main concerns to address		D	C	0	Status	Guidelines
S8.5	Open stockpiles of excavated/ fill materials or construction wastes on-site should be covered with tarpaulin or similar fabric.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		Implemented	Air Pollution Control (Construction Dust) Regulation (Cap 311R)
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	
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		✓	✓	Implemented	
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	
S8.5	Storage areas for chemical waste shall be enclosed on at least 3 sides.	All area/ During construction/ During operation	Contractor(s)/WSD		✓	✓	Implemented	Waste Disposal
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	(Chemical Waste) (General) Regulation; Code of Practice on the Packaging,
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/WSD		✓	<b>✓</b>	Implemented	Handling and Storage of Chemical Wastes
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>	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		✓	✓	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.





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Imp	Implementation Stage	-	Relevant Legislation &	
Reference	Mitigation Measures	main concerns to address		D	C	0	Status	Guidelines
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>	<b>√</b>	Implemented	-
S8.5	To avoid any odour and litter impact, accurate number of portable toilets will be provided for workers on-site.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	The burning of refuse on construction sites is prohibited by law.	All area/ During construction	Contractor(s)		✓		Implemented	Air Pollution Control Ordinance (Cap 311)
S8.7	To facilitate monitoring and control over the contractors' performance on waste management, a waste inspection and audit programme will be implemented throughout the construction phase.	All facilities/ During construction	ET/IEC		<b>√</b>		Implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Ilanantakian Aasak	Impl		itation	Implementation	Relevant Legislation &
Reference	Mitigation Measures	main concerns to address	Implementation Agent	D	Stag C	0	Status	Guidelines
Ecology								
S9.7	For slope mitigation works within the Clear Water Bay Country Park, to avoid tree felling and damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels can be adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical. A detailed specification describing the exact locations of the flexible barrier foundation plates, soil nails and rock dowels will be prepared to illustrate how the setback distance from existing trees would be implemented for tree avoidance.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	<b>√</b>	<b>√</b>		Implemented	-
S9.7	Pruning of tree canopies along the alignment of the flexible barriers shall be limited to a minimum.	Slope mitigation works area/ During construction	Contractor(s)		✓		Implemented	
S9.7	The alignment of flexible barriers shall be optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable. All individuals of <i>Marsdenia lachnostoma</i> within the slope mitigation areas shall be retained <i>in- situ</i> , by positioning the alignment of flexible barrier at a minimum 1.5m in a radius away from these individuals.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	<b>✓</b>	<b>√</b>		Implemented	-
S9.7 and 9.10	At the detailed design stage prior to the commencement of the slope mitigation works, a vegetation survey shall be carried out at the slope mitigation areas within the Clear Water Bay Country Park to assess the condition and identify the location of each individual of <i>Marsdenia lachnostoma</i> and other flora species of conservation interest that may be directly affected by the construction works.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	<b>√</b>			Implemented	-
S9.7	Temporary fencing will be installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction. A sign identifying the site shall be attached to the fence and flagging tape shall be attached to the individuals to visualize their locations.	Slope mitigation works area/ During construction	Contractor(s)		<b>✓</b>		Implemented	-
S9.7 and S9.10	A specification for fencing and demarcating individuals of <i>Marsdenai lachnostoma</i> (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers will be prepared to protect the species.	Slope mitigation works area/ During construction	Contractor(s)		<b>✓</b>		Implemented	-
S9.7	Induction training shall also be provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance.	Slope mitigation works area/ During construction	Contractor(s)		<b>✓</b>		Implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Implementation Stage	implementation	Relevant Legislation &		
Reference	Mitigation Measures	main concerns to address		D	С	0	Status	Guidelines
S9.7	The resident site supervisory staff will closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity.	Slope mitigation works area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Erect fences along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent areas.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Regularly check the work site boundaries to ensure that they are not breached, and that damage does not occur to surrounding areas.	All area/ During construction	Contractor(s)/ET		✓		Implemented	-
S9.7	Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Reinstate temporarily affected areas, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting. The tree/shrub species will be chosen with reference to those in the surrounding area.	All area/ During construction	Contractor(s)		<b>✓</b>		To be implemented	-
S9.7	Affected habitats within the Clear Water Bay Country Bay shall be reinstated by hydro-seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works.	All area/ During construction	Contractor(s)		✓		To be implemented	-





EIA	Recommended Environmental Protection Measures/	Objectives of the		Impl	Implementation	Implementation	Relevant Legislation &	
Reference		recommended measures & main concerns to address	Implementation Agent	D	Stag	e 0	Status	Guidelines
Landscap	e & Visual	main concerns to address		ע	C	U		
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	-
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)	<b>√</b>	<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)	<b>√</b>	1	✓	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>	Implemented	DEVB TC(W) No. 10/2013
S11.10 & 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>√</b>	Implemented	





EIA Reference	Recommended Environmental Protection Measures/	Objectives of the recommended measures &	Implementation Agent	Impl	emen Stag	itation e	Implementation Status	Relevant Legislation & Guidelines
Reference	Mitigation Measures	main concerns to address		D	C	0		Guidennes
S11.10 &	Dredging works for the installation of intake structures and outfall	All area/ Detailed design/	WSD/ Contractor(s)	✓	<b>✓</b>	<b>✓</b>	Implemented	
11.11	diffusers should be minimized to avoid or reduce any potential	During construction/ During						
	environmental impacts to as low as reasonably practicable	operation						
	(ALARP). The intake and outfall structures (e.g. intake openings	-						
	and diffuser heads) will be prefabricated and transferred to site							
	for installation. (MM7)							
S11.10 &	All night-time lighting will be reduced to a practical minimum	All area/ Detailed design/	WSD/ Contractor(s)	✓	✓	✓	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	operation						
	directional. (MM8)	-						





EIA	Recommended Environmental Protection Measures/	Objectives of the		Implementation Stage			Implementation	Relevant Legislation &
Reference	•	recommended measures & main concerns to address	Implementation Agent	D	С	0	Status	Guidelines
Landfill G	as Hazard				L			
S12.7	During all works, safety procedures should be implemented to minimize the risks of fires and explosions, asphyxiation of workers and toxicity effects resulting from contact with contaminated soil and groundwater.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>✓</b>	<b>*</b>	<b>✓</b>	Implemented	-
S12.7	During trenching and excavation as well as creation of confined spaces at near to or below ground level, precautions should be clearly laid down and rigidly Gas detection equipment and appropriate breathing apparatus should be available and used when entering confined spaces or trenches deeper than 1 meter.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>✓</b>	<b>✓</b>	<b>✓</b>	Implemented	
S12.7	The Contractor should make the workers are aware of potential hazards of working in confined spaces (any chamber, manhole or 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 compliance with the above regulations.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>✓</b>	1	<b>✓</b>	Implemented	
S12.7	Safety officers, specifically trained with regard to landfill gas and leachate related hazards and the appropriate actions to take in adverse circumstances, should be present on the site throughout the works, in particular, when works are undertaken below grade.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>✓</b>	<b>✓</b>	<b>✓</b>	Implemented	
S12.7	All personnel who work on site and all visitors to the site should be made aware of the possibility of ignition of gas in the vicinity of the works, the possible presence of contaminated water and the need to avoid physical contact with it.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>√</b>	<b>*</b>	✓	Implemented	
S12.7	Monitoring for landfill gas should be undertaken in all excavations, manholes, chambers (particularly during pipe jacking) and any confined spaces through the use of an intrinsically safe portable instrument, appropriately calibrated and capable of measuring the concentrations of methane. carbon dioxide and oxygen.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>✓</b>	<b>✓</b>	<b>✓</b>	Implemented	
S12.7	Monitoring frequency and areas to be monitored should be specified prior to commencement of groundwork, either by the Safety Officer, or by an appropriately qualified person. All measurements should be recorded and documented.	All area/ Detailed design/ During construction/operation	Contractor(s)	<b>√</b>	<b>√</b>	<b>√</b>	Implemented	
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>√</b>	✓	✓	Implemented	





				Imple	ement	tation		
EIA	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	r	Stage			Relevant Legislation & Guidelines
Reference			implementation Agent	D	С	0		
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)	<b>✓</b>	<b>✓</b>	•	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>	•	•	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)	<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 D

Impact Monitoring Schedule

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

In	Mon	Tue	Wed	Thu	Fri	Sat
•		Tuc .	rica	1	2	2
	S Impact Water Quality monitoring for C.E., CF, WSR, WSR, WSR, WSR, WSR, WSR, WSR, WSR	6	7  Impact Water Quality monitoring for CE. CF. WSR.I. WSR2. WSR3. WSR4. WSR4.	1 Impact Water Quality mensioning for CE, CT, WSRI, WSR2, WSR3, WSR4, WSR4, WSR4, WSR4, WSR4, WSR3, MSR4, WSR3, MSR4, WSR3, MSR4, WSR3, MSR4, WSR4, WS	9  Impact Water Quality monitoring for CE. CF. WSR.I. WSR2. WSR3. WSR4. WSR16.	3 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR4, WSR3, WSR3, WSR3, WSR4, NSP3, Tide Period: Mid-flood: 07:49 - 15:14
	WSR33, WSR36, WSR37, NF1, NF2, NF3  Tide Period:  Mid-flood: 01:41 - 16:21		WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 02:23 - 18:21		WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 03:26 - 11:00	
	12	13	14	15	16	17
	Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 05:05 - 12:02			Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 06:33 - 14:03		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR4 WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 07:17 - 15:49
	19	20	21	22	23	24
		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 01:57 - 18-45		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-ebb: 10:32 - 14:33		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid ebb: 10:32 - 14:33
	26	27	28	29		
		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 05:00 - 12:08		Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR4, WSR16, WSR33, WSR36, WSR37, NF1, NF2, NF3 Tide Period: Mid-flood: 05:44 - 12:08		
ote: Due to safety concern of vessel transportation ear	perature, pH, Turbidity, Salinity, Suspended Solids lier than 0700, Water Quality Monitoring would start : SR37—WSR36—WSR33—Remaining stations and M		Remaining stations			

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

ın	Mon	Tue	Wed	Thu	Fri	Sat
	Non	Tue	rreu	1110	1	2
					•	-
						Impact Water Quality monitoring for
						CE, CF, WSR1, WSR2, WSR3, WSR4, WSR
						WSR33, WSR36, WSR37, NF1, NF2, NF3
						W3K33, W3K30, W3K37, NF1, NF2, NF3
						Tide Period:
						Mid-flood: 06:20 - 13:01
	4		4	7		0
	•	3	0	,	8	,
		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, NF
		W5R33, W5R30, W5R37, NF1, NF2, NF3		W3R33, W3R30, W3R37, NF1, NF2, NF3		W3R33, W3R30, W3R37, NF1, NF2, NF
		Tide Period:		Tide Period:		Tide Period:
		Mid-flood: 01:00 - 15:57		Mid-ebb: 09:18 - 11:30		Mid-ebb: 09:50 - 13:52
	11	10	13	14	15	17
	11	12	13	14	15	16
		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, WSF
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Tide Period:		Tide Period:		Tide Period:
		Mid-flood: 04:24 - 11:11		Mid-flood: 05:19 - 12:19		Mid-flood: 05:54 - 13:38
	18	19	20	21	22	23
		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, WSF
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Tide Period:		Tide Period:		Tide Period:
		Mid-flood: 00:34 - 17:10		Mid-ebb: 09:25 - 12:15		Mid-ebb: 09:29 - 13:55
	25	26	27	28	29	30
		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, WSF
		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3		WSR33, WSR36, WSR37, NF1, NF2, NF3
		Tide Period:		Tide Period:		Tide Period:
		Mid-ebb: 10:08 - 15:48		Mid-flood: 04:32 - 10:50		Mid-flood: 05:04 - 11:20
		Marcon, 10.00 - 15.40		MIG-1000. 04.32 - 10.30		3110-1100AL 03-04 - 11-20
		I .	I.			1
narks:						
onitoring Parameters: Dissolved oxygen, Ter	nperature, pH, Turbidity, Salinity, Suspended Solids					
_						
	rlier than 0700, Water Quality Monitoring would start	or 0800				
		at 0000.				

## 

# Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Tentative Ecological Monitoring Schedule Mar-24 Pre-Operation Phase Coral Monitoring The schedule may change due to unforeseen circumstances (adverse weather, etc.)





### Appendix E

Event / Action Plan





#### Table E1 Event and Action Plan for Construction Noise Monitoring

Event	Action			
	ET	IEC	ER	Contractor
Action Level	1. Carry out investigation to identify the source and cause of the complaint/ exceedance(s) 2. Notify IEC, ER, and Contractor and report the results of investigation to the Contractor, ER and the IEC 3. Discuss with the Contractor and IEC for remedial measures required 4. If the complaint is related to the Project, conduct additional monitoring for checking mitigation effectiveness and report the findings and results to the IEC, ER and the Contractor	Supervise the implementation of remedial measures	Confirm receipt of Notification of Exceedance in writing     Require Contractor to propose remedial measures for the analysed noise problem     Ensure remedial measures are properly implemented	Submit noise mitigation proposals, if required, to the IEC and ER     Implement noise mitigation proposals.
Limit Level	1. Carry out investigation to identify the source and cause of the exceedance 2. Notify IEC, ER, Project Proponent, EPD and Contractor 3. Repeat measurements to confirm findings 4. Provide investigation report to IEC, ER, EPD and Contractor he causes of the exceedances 5. If the exceedance is related to the Project, assess effectiveness by additional monitoring. 6. Report the remedial action implemented and the additional monitoring results to IEC, EPD, ER and Contractor 7. If exceedance stops, cease additional monitoring	Supervise the implementation of remedial measures	writing  Require the Contractor to propose remedial measures for the analysed noise problem	Take immediate action to avoid further exceedance     Submit proposals for remedial actions to IEC and ER within 3 working days of notification     Implement the agreed proposals     Resubmit proposals if problem still not under control     Stop the relevant activity of works as determined by the Project Proponent until the exceedance is abated

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





#### Table E2 Event and Action Plan for Water Quality Monitoring

Event	Action			
	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;     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;     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 properly 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 properly 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;     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	mitigation measures and agree on the mitigation measures to be implemented.  3. Ensure additional mitigation measures are properly 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 E2 Event and Action Plan for Ecology during Construction Phase

Event				Act	ion				
Event	ET		IEC		Cor	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	1. 2. 3. 4.	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	1. 2. 3.	Notify Contractor Ensure remedial measures an 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. 5.	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. 5.	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 E3 Event and Action Plan for Pre-Operation Phase Coral Monitoring

Event	Action							
Event	ET Leader	IEC	SOR **	Contractor				
Action Level Exceedance	<ol> <li>Check monitoring data</li> <li>Inform the IEC, SOR and Contractor of the findings;</li> <li>Increase the monitoring to at least once a month to confirm findings;</li> <li>Propose mitigation measures for consideration</li> </ol>	<ol> <li>Discuss monitoring         with the ET and the         Contractor;</li> <li>Review proposals for         additional monitoring         and any other         measures submitted         by the Contractor and         advise the SOR         accordingly.</li> </ol>	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.	<ol> <li>Inform the SOR and confirm notification of the noncompliance in writing;</li> <li>Discuss with the ET and the IEC and propose measures to the IEC and the SOR;</li> <li>Implement the agreed measures.</li> </ol>				
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.	<ol> <li>Discuss with the IEC additional monitoring requirements and any other measures proposed by the ET;</li> <li>Make agreement on the measures to be implemented.</li> </ol>	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





### Appendix F

Water Quality Monitoring Equipment and Landfill Gas Equipment Calibration Certification



# YJ Corporation Ltd.



5A, Blk1 Kin Ho Ind. Bldg., 20-24 Au Pui Wan St., Fo Tan, Shatin, N.T., HK. Tel: (852) 8109 8368 Fax: (852) 3007 4857 E-mail: sales@ysftool.com

Supply, Repair, Rental, Scanning and Calibration Service of Surveying Instruments and Accessories

Certificate No.: CAL230351

Page 1 of 1

### CALIBRATION CERTIFICATE OF MULTI GAS DETECTOR

Client

: China State Construction Engineering (Hong Kong) Ltd.

Address

29/F., China Overseas Bldg., 139 Hennessy Road, Hong Kong

#### Unit-Under-Test (UUT) Information

Description

: Multi gas detector

Manufacturer

: GMI

Model No.

: PS500

Serial No.

: 25492809/21

#### **Calibrator Information**

Description

: (1) 4 in 1 Standard gases (H<sub>2</sub>S, LEL, CO, O<sub>2</sub>)

(2) Std CO<sub>2</sub> gas (0.30%)

Serial No.

: (1) C-048-07

(2) C-087-04

Cylinder No.

: (1) 21025003

(2) M123850

Expired date

: (1) 30 Nov., 2024

(2) 12/2025

1

Received date

: 18 Aug., 2023

Date of calibration

22 Aug., 2023

Next calibration date

: 21 Aug., 2024

Calibration location

: YSF Calibration Laboratory

**Environmental conditions** 

: 20.5-21.3°C / 54-63%RH

Method used

: By direct comparison

#### Calibration Results:

Parameters	Measured value
(1) Methane (50% LEL)	45% LEL
(2) Oxygen (18.1%)	18.3%
(3) Hydrogen Sulphide (25.5ppm)	26ppm
(4) Carbon monoxide (101ppm)	94ppm
(5) Carbon Dioxide (0.30%)	0.24%

#### Remark:

1. The equipment used in this calibration is traceable to recognized National Standards.

Tested by : <u>Lam Man Kwong</u> Date : <u>22 Aug., 2023</u> Certified by : <u>So Chi R</u>	Kuen (Lab Manager) Date :	22 Aug. 202
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#### ALS Technichem (HK) Pty Ltd

11/F., Chung Shun Knitting Centre,

1 - 3 Wing Yip Street,

Kwai Chung, N.T., Hong Kong **T:** +852 2610 1044

F: +852 2610 2021 www.alsglobal.com

#### REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: JOE HO WORK ORDER: HK2403746

**CLIENT:** ACUITY SUSTAINABILITY CONSULTING LIMITED

**ADDRESS:** UNIT E, 12/F, FORD GLORY PLAZA, **SUB-BATCH:** 

NO. 37-39 WING HONG STREET,

CHEUNG SHA WAN, KOWLOON

DATE RECEIVED: 25-Jan-2024

DATE OF ISSUE: 01-Feb-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: Chlorine Meter
Service Nature: Performance Check

Scope: Free Chlorine and Total Residual Chlorine

Brand Name/ Model No.: [LOVIBOND]/ [MD200]
Serial No./ Equipment No.: [19/79699]/ [HK1773]
Date of Calibration: 30-January-2024

Mr Chan Siu Ming, Vico Assistant Laboratory Manager

Ma Sign

Environmental

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#### REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

**WORK ORDER:** HK2403746

**SUB-BATCH:** 0

**DATE OF ISSUE:** 01-Feb-2024

**CLIENT: ACUITY SUSTAINABILITY CONSULTING LIMITED** 

Equipment Type:

Chlorine Meter

Brand Name/ Model No.:

[LOVIBOND]/[MD200]

Serial No./

Equipment No.:

[19/79699]/[HK1773]

Date of Calibration:

30-January-2024

Date of Next Calibration: 30-April-2024

**PARAMETERS:** 

**Free 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	1.00	+0.0		
	2.0	2.01	+0.5		
		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	0.19	-5.0		
1.0	0.97	-3.0		
2.0	2.00	+0.0		
	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

Ma Sig

Environmental



#### 專業化驗有限公司 QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong Email: info@qualityprotest.com; Website: www.qualityprotest.com Tel: (852) 3956 8717; Fax: (852) 3956 3928

#### REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.

: R-BD010030

Date of Issue

: 25 January 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 (a xylem brand)

Serial Number:

22C106561

Date of Received:

22 January 2024

Date of Calibration :

24 January 2024

Date of Next Calibration:

24 April 2024

Request No.:

D-BD010030

#### 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	4.02	0.02	Satisfactory
7.42	7.45	0.03	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
33	34.1	1.1	Satisfactory
19	18.7	-0.3	Satisfactory
11	11.5	0.5	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	10.19	1.90	Satisfactory
20	21.27	6.35	Satisfactory
30	30.21	0.70	Satisfactory

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

--- 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-BD010030

**Date of Issue** 

: 25 January 2024

Page No.

: 2 of 2

#### (4) Dissolved oxygen

Expected Reading ( mg/L )	Display Reading ( mg/L )	Tolerance	Result
8.60	8.89	0.29	Satisfactory
5.33	5.70	0.37	Satisfactory
3.40	3.50	0.10	Satisfactory
0.34	0.26	-0.08	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	0.50		Satisfactory
10	9.88	-1.2	Satisfactory
20	18.35	-8.2	Satisfactory
100	95.10	-4.9	Satisfactory
800	736.55	-7.9	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 ---





### Appendix G

Water Quality Monitoring Data & Landfill Gas Monitoring Data

CE 1 CE 1 CE 1	1/2/2024 1/2/2024 1/2/2024 1/2/2024 1/2/2024 1/2/2024 1/2/2024	Mid-flood Mid-flood Mid-flood Mid-flood Mid-flood Mid-flood	Cloudy Cloudy Cloudy Cloudy	Moderate  Moderate  Moderate  Moderate	S S M	1	11:55:00 AM 11:55:00 AM	8.1	7.4	33.7	21.2	2.4	5.0	<0.1	<0.01
CE 1 CE 1	1/2/2024 1/2/2024 1/2/2024 1/2/2024	Mid-flood Mid-flood	Cloudy	Moderate		1	11:55:00 AM								
CE 1	1/2/2024 1/2/2024 1/2/2024	Mid-flood Mid-flood	-		М			8.1	7.4	33.6	21.2	2.5	4.0	<0.1	<0.01
CE 1	1/2/2024	Mid-flood	Cloudy	Moderate		12	11:56:00 AM	8.1	7.4	33.6	21.3	2.4	3.0	<0.1	<0.01
	1/2/2024			mouerate	М	12	11:56:00 AM	8.2	7.3	33.6	21.2	2.5	4.0	<0.1	<0.01
CE 1		Mid-flood	Cloudy	Moderate	В	23	11:57:00 AM	8.2	7.4	33.7	21.3	2.4	4.0	<0.1	<0.01
	1/2/2024	Ma Hood	Cloudy	Moderate	В	23	11:57:00 AM	8.1	7.4	33.7	21.2	2.4	3.0	<0.1	<0.01
CF 1		Mid-flood	Cloudy	Moderate	S	1	8:51:00 AM	9.1	7.3	33.1	21.1	2.8	3.0	<0.1	<0.01
CF 1	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:51:00 AM	9.1	7.3	33.1	21.1	2.8	4.0	<0.1	<0.01
CF 1	1/2/2024	Mid-flood	Cloudy	Moderate	М	10	8:52:00 AM	9.1	7.3	33.2	21.1	2.7	4.0	<0.1	<0.01
CF 1	1/2/2024	Mid-flood	Cloudy	Moderate	М	10	8:52:00 AM	9.1	7.3	33.1	21.1	2.8	2.5	<0.1	<0.01
CF 1	1/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:53:00 AM	9.1	7.4	33.1	21.1	2.8	3.0	<0.1	<0.01
CF 1	1/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:53:00 AM	9.1	7.3	33.1	21.1	2.8	3.0	<0.1	<0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:17:00 AM	9.2	7.2	33.5	21.1	2.0	3.0	<0.1	< 0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:17:00 AM	9.2	7.3	33.5	21.1	2.0	4.0	<0.1	<0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:18:00 AM	9.2	7.3	33.4	21.1	2.0	3.0	<0.1	< 0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:18:00 AM	9.2	7.2	33.4	21.2	2.1	4.0	<0.1	<0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:19:00 AM	9.1	7.3	33.4	21.1	2.1	4.0	<0.1	<0.01
WSR01	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:19:00 AM	9.2	7.2	33.5	21.1	2.1	3.0	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:38:00 AM	9.1	7.3	32.7	21.1	2.4	2.5	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:38:00 AM	9.2	7.3	32.6	21.1	2.4	2.5	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:39:00 AM	9.1	7.3	32.7	21.1	2.4	3.0	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:39:00 AM	9.2	7.3	32.7	21.1	2.4	5.0	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	В	9	9:40:00 AM	9.1	7.3	32.6	21.1	2.4	2.5	<0.1	<0.01
WSR02	1/2/2024	Mid-flood	Cloudy	Moderate	В	9	9:40:00 AM	9.1	7.3	32.6	21.1	2.4	2.5	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:52:00 AM	9.2	7.4	33.5	21.3	2.3	4.0	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:52:00 AM	9.2	7.3	33.5	21.3	2.3	6.0	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:53:00 AM	9.2	7.4	33.5	21.3	2.3	4.0	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:53:00 AM	9.1	7.3	33.5	21.3	2.2	5.0	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:54:00 AM	9.1	7.3	33.5	21.3	2.3	5.0	<0.1	<0.01
WSR03	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:54:00 AM	9.2	7.3	33.5	21.3	2.3	3.0	<0.1	<0.01
WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:08:00 AM	8.4	7.3	34.0	21.5	1.8	5.0	<0.1	<0.01

No.	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
17/2014   18/2	WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:08:00 AM	8.5	7.3	34.0	21.5	1.8	5.0	<0.1	<0.01
No.	WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:09:00 AM	8.5	7.2	33.9	21.5	1.9	5.0	<0.1	<0.01
No.	WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:09:00 AM	8.5	7.3	33.9	21.5	1.9	6.0	<0.1	<0.01
WSSR16         1/2/2012         Mile flated         Cloudy         Moderate         S         1         113500 AM         8.6         7.3         3.1         21.4         2.2         4.0         -0.1         -0.00           WSR16         1/2/2018         Mile flated         Cloudy         Moderate         S         1         113500 AM         8.6         7.4         34.0         21.4         2.2         4.0         -0.1         -0.0           WSR16         1/2/2024         Mile flated         Cloudy         Moderate         M         8         113600 AM         8.6         7.4         34.0         21.4         2.2         5.0         -0.1         -0.0           WSR16         1/2/2024         Mile flated         Cloudy         Moderate         B         15         113700 AM         8.6         7.4         34.0         21.4         22         4.0         -0.1         -0.0           WSR18         1/2/2024         Mile flated         Cloudy         Moderate         B         15         113700 AM         8.6         7.4         34.0         21.4         1.0         2.0         -0.1           WSR33         1/2/2024         Mile flated         Cloudy         Moderate	WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	В	6	10:10:00 AM	8.5	7.3	34.0	21.5	1.9	5.0	<0.1	<0.01
NSR16 1/2/2024 Mid-flood Cloudy Moderate S 1 1 11:35:00 AM 8.6 7.4 34.0 21.4 22 4.0 4.0 4.1 4.00 MSR16 1/2/2024 Mid-flood Cloudy Moderate M 8 11:36:00 AM 8.6 7.4 34.0 21.4 22 5.0 4.0 4.1 4.00 MSR16 1/2/2024 Mid-flood Cloudy Moderate M 8 11:36:00 AM 8.6 7.3 31.1 21.4 23 3.0 4.1 4.0 4.0 4.0 MSR16 1/2/2024 Mid-flood Cloudy Moderate B 15 11:37:00 AM 8.6 7.3 31.1 21.4 23 3.0 4.1 4.0 4.0 4.0 MSR16 1/2/2024 Mid-flood Cloudy Moderate B 15 11:37:00 AM 8.6 7.3 31.1 21.4 21 3.0 4.0 4.1 4.0 4.0 4.0 MSR16 1/2/2024 Mid-flood Cloudy Moderate B 15 11:37:00 AM 8.6 7.3 31.0 21.4 21 3.0 4.1 4.0 4.0 4.0 4.0 MSR18 1/2/2024 Mid-flood Cloudy Moderate S 1 1.0 10:25:00 AM 9.5 7.4 31.9 21.4 1.8 2.5 4.0 1.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	WSR04	1/2/2024	Mid-flood	Cloudy	Moderate	В	6	10:10:00 AM	8.5	7.3	34.0	21.5	1.9	5.0	<0.1	<0.01
NSR16 1/2/2024 Mid-flood Cloudy Moderate M 8 113600 AM 86 74 340 214 22 5.0 401 400 AM 80 AM 80 AM 81 13600 AM 81	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:35:00 AM	8.6	7.3	34.1	21.4	2.2	6.0	<0.1	<0.01
No.	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:35:00 AM	8.6	7.4	34.0	21.4	2.2	4.0	<0.1	<0.01
WSR16   1/2/024   Mid-floed   Cloudy   Moderate   B   15   113700 AM   8.6   7.3   340   214   2.2   6.0   40.1   4.00	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	М	8	11:36:00 AM	8.6	7.4	34.0	21.4	2.2	5.0	<0.1	<0.01
WSR16   1/2/024   Mid-flood   Cloudy   Moderate   B   15   11:37:00 AM   8.6   7.4   34.0   21.4   21   3.0   -0.1   -0.00	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	М	8	11:36:00 AM	8.6	7.3	34.1	21.4	2.3	3.0	<0.1	<0.01
New No. 1	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	В	15	11:37:00 AM	8.6	7.3	34.0	21.4	2.2	6.0	<0.1	<0.01
NSR3 1/2/2024 Mid-flood Cloudy Moderate S 1 10-25-00 AM 9.5 7.4 33.9 21.4 1.8 4.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate M 4 10-26-00 AM 9.5 7.4 33.9 21.4 1.9 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-27-00 AM 9.5 7.4 33.9 21.4 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-27-00 AM 9.5 7.4 33.9 21.4 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-27-00 AM 9.5 7.4 33.9 21.4 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-27-00 AM 9.5 7.4 33.9 21.4 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-27-00 AM 9.4 7.4 33.9 21.4 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate S 1 10-41-00 AM 8.4 7.4 33.9 21.4 2.1 5.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate S 1 10-41-00 AM 8.4 7.4 33.9 21.4 2.1 5.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate M 3 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 5.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate M 3 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 5.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate M 3 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 5.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 5 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 5 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 5 10-42-00 AM 8.4 7.4 33.9 21.4 2.2 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 5 10-42-00 AM 8.4 7.3 33.8 21.3 21.1 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate S 1 10-58-00 AM 8.0 7.3 34.2 21.1 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 10-58-00 AM 8.0 7.3 34.2 21.1 1.8 2.5 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 11-05-00 AM 8.0 7.3 34.2 21.1 1.8 3.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 11-05-00 AM 8.0 7.3 34.2 21.1 1.8 3.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 11-05-00 AM 8.0 7.3 34.2 21.1 1.8 3.0 -0.1 -0.0 MSR3 1/2/2024 Mid-flood Cloudy Moderate B 7 11-05-00 AM 8.0 7.3 34.2 21.1 1.8 3.0 -0.1 -0.0 MSR3 1/2/2024 Mid	WSR16	1/2/2024	Mid-flood	Cloudy	Moderate	В	15	11:37:00 AM	8.6	7.4	34.0	21.4	2.1	3.0	<0.1	<0.01
Name	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	9.5	7.4	33.9	21.4	1.8	2.5	<0.1	<0.01
WSR33   1/2/2024   Mid-flood   Cloudy   Moderate   M	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	9.5	7.4	33.9	21.4	1.8	4.0	<0.1	<0.01
WSR33   1/2/202   Mid-flood   Cloudy   Moderate   B   7   10:27:00 AM   9.5   7.4   33.9   21.4   1.8   3.0   0.1   0.00	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:26:00 AM	9.5	7.4	33.9	21.4	1.9	2.5	<0.1	<0.01
WSR33 1/2/2024 Mid-flood Cloudy Moderate B 7 10:27:00 AM 8.4 7.4 33.9 21.3 1.8 2.5 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:26:00 AM	9.5	7.4	33.9	21.4	1.8	2.5	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate S 1 1041:00 AM 8.4 7.4 33.9 21.4 2.1 5.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:27:00 AM	9.5	7.4	33.9	21.4	1.8	3.0	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate N 3 1 10:41:00 AM 8.4 7.3 33.8 21.3 2.2 5.0 <.0.1 <.0.0 WSR36 1/2/2024 Mid-flood Cloudy Moderate M 3 10:42:00 AM 8.4 7.4 33.8 21.4 2.2 3.0 <.0.1 <.0.0 WSR36 1/2/2024 Mid-flood Cloudy Moderate M 3 10:42:00 AM 8.4 7.4 33.9 21.4 2.2 2.5 <.0.1 <.0.0 WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.4 2.1 2.5 <.0.1 <.0.0 WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.4 2.1 2.5 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.3 21. 3.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0 WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <.0.1 <.0.0	WSR33	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:27:00 AM	9.4	7.4	33.9	21.3	1.8	2.5	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate M 3 10:42:00 AM 8.4 7.4 33.8 21.4 2.2 3.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:41:00 AM	8.4	7.4	33.9	21.4	2.1	5.0	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.4 33.9 21.4 2.2 2.5 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:41:00 AM	8.4	7.3	33.8	21.3	2.2	5.0	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.4 2.1 2.5 <0.1 <0.0   WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.3 2.1 3.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.0 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.0 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.0 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.0 <0.0   WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:42:00 AM	8.4	7.4	33.8	21.4	2.2	3.0	<0.1	<0.01
WSR36 1/2/2024 Mid-flood Cloudy Moderate B 5 10:42:00 AM 8.4 7.3 33.8 21.3 2.1 3.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:42:00 AM	8.4	7.4	33.9	21.4	2.2	2.5	<0.1	< 0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	В	5	10:42:00 AM	8.4	7.3	33.8	21.4	2.1	2.5	<0.1	<0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate S 1 1 10:58:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR36	1/2/2024	Mid-flood	Cloudy	Moderate	В	5	10:42:00 AM	8.4	7.3	33.8	21.3	2.1	3.0	<0.1	<0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.4 34.2 21.1 1.8 2.5 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	8.0	7.3	34.2	21.1	1.8	2.5	<0.1	<0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate M 4 10:59:00 AM 8.0 7.3 34.2 21.1 1.8 3.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	8.0	7.3	34.2	21.1	1.8	4.0	<0.1	<0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 4.0 <0.1 <0.0 <0.1 <0.0 <0.1 <0.0 <0.0 <0	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:59:00 AM	8.0	7.4	34.2	21.1	1.8	2.5	<0.1	<0.01
WSR37 1/2/2024 Mid-flood Cloudy Moderate B 7 11:00:00 AM 8.0 7.3 34.2 21.1 1.8 2.5 <0.1 <0.0   NF1 1/2/2024 Mid-flood Cloudy Moderate S 1 11:22:00 AM 8.8 7.2 33.6 21.3 2.4 6.0 <0.1 <0.0	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:59:00 AM	8.0	7.3	34.2	21.1	1.8	3.0	<0.1	<0.01
NF1 1/2/2024 Mid-flood Cloudy Moderate S 1 11:22:00 AM 8.8 7.2 33.6 21.3 2.4 6.0 <0.1 <0.0	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:00:00 AM	8.0	7.3	34.2	21.1	1.8	4.0	<0.1	<0.01
	WSR37	1/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:00:00 AM	8.0	7.3	34.2	21.1	1.8	2.5	<0.1	<0.01
NF1 1/2/2024 Mid-flood Cloudy Moderate S 1 11:22:00 AM 8.8 7.3 33.5 21.3 2.3 7.0 <0.1 <0.0	NF1	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:22:00 AM	8.8	7.2	33.6	21.3	2.4	6.0	<0.1	<0.01
	NF1	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:22:00 AM	8.8	7.3	33.5	21.3	2.3	7.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	tal Chlorine
NF1	1/2/2024	Mid-flood	Cloudy	Moderate	М	7	11:23:00 AM	8.8	7.3	33.5	21.3	2.3	6.0	<0.1	<0.01
NF1	1/2/2024	Mid-flood	Cloudy	Moderate	М	7	11:23:00 AM	8.8	7.3	33.5	21.3	2.4	5.0	<0.1	<0.01
NF1	1/2/2024	Mid-flood	Cloudy	Moderate	В	12	11:24:00 AM	8.7	7.2	33.6	21.3	2.3	4.0	<0.1	<0.01
NF1	1/2/2024	Mid-flood	Cloudy	Moderate	В	12	11:24:00 AM	8.8	7.3	33.5	21.3	2.3	6.0	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:14:00 AM	8.6	7.2	32.4	21.2	2.2	4.0	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:14:00 AM	8.6	7.2	32.4	21.2	2.2	7.0	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	M	5	11:15:00 AM	8.5	7.2	32.3	21.2	2.2	3.0	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	М	5	11:15:00 AM	8.5	7.2	32.3	21.2	2.2	2.5	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:16:00 AM	8.6	7.2	32.4	21.2	2.2	4.0	<0.1	<0.01
NF2	1/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:16:00 AM	8.6	7.2	32.4	21.2	2.2	5.0	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:07:00 AM	8.5	7.2	33.4	21.1	2.3	7.0	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:07:00 AM	8.5	7.2	33.5	21.1	2.3	6.0	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	М	6	11:08:00 AM	8.6	7.2	33.4	21.1	2.3	5.0	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	M	6	11:08:00 AM	8.6	7.2	33.5	21.1	2.4	4.0	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	В	11	11:09:00 AM	8.6	7.2	33.4	21.1	2.4	2.5	<0.1	<0.01
NF3	1/2/2024	Mid-flood	Cloudy	Moderate	В	11	11:09:00 AM	8.5	7.2	33.4	21.0	2.3	3.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:58:00 PM	9.3	7.2	34.1	21.5	2.1	4.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:58:00 PM	9.3	7.2	34.0	21.5	2.1	3.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	M	11	12:59:00 PM	9.3	7.2	34.0	21.5	2.1	4.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	M	11	12:59:00 PM	9.3	7.2	34.0	21.5	2.0	5.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	В	21	1:00:00 PM	9.3	7.2	34.0	21.5	2.1	3.0	<0.1	<0.01
CE	3/2/2024	Mid-flood	Cloudy	Moderate	В	21	1:00:00 PM	9.3	7.2	34.0	21.5	2.0	4.0	<0.1	<0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:48:00 AM	8.8	7.3	33.5	21.2	2.4	4.0	<0.1	< 0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:48:00 AM	8.8	7.4	33.5	21.2	2.5	3.0	<0.1	<0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	M	10	9:49:00 AM	8.8	7.3	33.5	21.2	2.5	4.0	<0.1	<0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	М	10	9:49:00 AM	8.8	7.4	33.4	21.2	2.5	4.0	<0.1	<0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	В	20	9:50:00 AM	8.8	7.3	33.5	21.2	2.5	5.0	<0.1	<0.01
CF	3/2/2024	Mid-flood	Cloudy	Moderate	В	20	9:50:00 AM	8.8	7.3	33.4	21.2	2.5	4.0	<0.1	<0.01
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:12:00 AM	8.9	7.4	33.1	21.4	1.8	3.0	<0.1	<0.01
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:12:00 AM	9.0	7.3	33.2	21.4	1.9	4.0	<0.1	<0.01
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	M	4	10:13:00 AM	9.0	7.3	33.1	21.5	1.9	4.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:13:00 AM	8.9	7.3	33.1	21.4	2.0	5.0	<0.1	<0.01
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:14:00 AM	9.0	7.3	33.2	21.4	1.9	4.0	<0.1	<0.01
WSR01	3/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:14:00 AM	8.9	7.4	33.2	21.5	2.0	3.0	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:33:00 AM	8.6	7.4	33.5	21.6	1.8	4.0	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:33:00 AM	8.6	7.3	33.6	21.6	1.9	4.0	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:34:00 AM	8.6	7.3	33.6	21.5	1.9	2.5	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:34:00 AM	8.6	7.4	33.6	21.5	1.8	2.5	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	В	9	10:35:00 AM	8.6	7.4	33.5	21.5	1.9	2.5	<0.1	<0.01
WSR02	3/2/2024	Mid-flood	Cloudy	Moderate	В	9	10:35:00 AM	8.7	7.3	33.6	21.6	1.9	2.5	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:49:00 AM	8.4	7.3	32.9	21.5	1.6	2.5	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:49:00 AM	8.4	7.3	32.9	21.5	1.7	2.5	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:50:00 AM	8.4	7.2	32.9	21.5	1.7	2.5	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:50:00 AM	8.4	7.3	32.9	21.5	1.7	4.0	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:51:00 AM	8.4	7.3	32.9	21.5	1.7	3.0	<0.1	<0.01
WSR03	3/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:51:00 AM	8.4	7.2	32.9	21.5	1.7	2.5	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:05:00 AM	9.0	7.3	33.4	21.3	2.2	3.0	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:05:00 AM	9.0	7.2	33.4	21.3	2.2	4.0	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:06:00 AM	9.0	7.3	33.4	21.3	2.2	2.5	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:06:00 AM	9.1	7.2	33.4	21.3	2.1	2.5	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:07:00 AM	9.0	7.2	33.4	21.4	2.2	3.0	<0.1	<0.01
WSR04	3/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:07:00 AM	9.1	7.2	33.4	21.3	2.2	2.5	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:35:00 PM	9.0	7.3	33.3	21.5	1.1	3.0	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:35:00 PM	9.0	7.3	33.4	21.5	1.2	4.0	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:36:00 PM	9.0	7.2	33.3	21.5	1.1	4.0	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:36:00 PM	9.0	7.3	33.3	21.5	1.2	3.0	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	В	15	12:37:00 PM	9.0	7.2	33.4	21.4	1.2	4.0	<0.1	<0.01
WSR16	3/2/2024	Mid-flood	Cloudy	Moderate	В	15	12:37:00 PM	9.0	7.2	33.3	21.5	1.2	2.5	<0.1	<0.01
WSR33	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:22:00 AM	8.4	7.2	33.8	21.4	1.4	2.5	<0.1	<0.01
WSR33	3/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:22:00 AM	8.3	7.1	33.8	21.5	1.4	4.0	<0.1	<0.01
WSR33	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:23:00 AM	8.4	7.2	33.8	21.5	1.3	3.0	<0.1	<0.01
WSR33	3/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:23:00 AM	8.3	7.1	33.8	21.4	1.3	3.0	<0.1	< 0.01

WSR33 3/2/2024   Mid-Bood   Cloudy   Moderate   B   7   1124-00 AM   8.3   7.2   33.8   21.5   1.4   3.0   -0.1	al Chlorine
WSR16   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   11:3900 AM   B.1   7.3   33.8   21.5   1.3   4.0   -0.1	<0.01
WSR36   3/2/2024   Mid-floed   Cloudy   Moderate   S   1   11:39:00 AM   8.1   7.3   33.8   21.4   1.3   4.0   4.0	<0.01
WSR36   3/2/2024   Mid-Bood   Cloudy   Moderate   M   3   11-40-00 AM   8.1   7.3   33.8   21.4   1.4   3.0   -0.1	<0.01
WSR36   3/2/2024   Mid-flood   Cloudy   Moderate   M   3   11-40-00 AM   8.1   7.3   33.8   21-4   1.4   3.0   -0.1	<0.01
WSR36   3/2/2024   Mid-flood   Cloudy   Moderate   B   6   11:40:00 AM   8.1   7.3   33.8   21.5   1.4   3.0   <0.1	<0.01
WSR36         3/2/2024         Mid-flood         Cloudy         Moderate         B         6         11:40:00 AM         8.1         7.2         33.8         21.4         1.3         2.5         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:56:00 AM         8.9         7.5         34.1         21.4         1.7         3.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:56:00 AM         8.9         7.4         34.1         21.5         1.8         4.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         M         4         11:57:00 AM         8.9         7.4         34.1         21.4         1.8         2.5         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:5800 AM         9.0         7.5         34.0         21.4         1.8         2.5         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:5800 AM         8.9         7	<0.01
WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   11:56:00 AM   8.9   7.5   34:1   21:4   1.7   3.0   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   11:56:00 AM   8.9   7.4   34:1   21:5   1.8   4.0   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   M   4   11:57:00 AM   8.9   7.4   34:1   21:4   1.8   2.5   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   M   4   11:57:00 AM   8.9   7.4   34:0   21:4   1.7   3.0   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   B   7   11:58:00 AM   8.9   7.4   34:0   21:5   1.8   3.0   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   B   7   11:58:00 AM   8.9   7.4   34:0   21:5   1.8   3.0   <0.1     WSR37   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   12:20:00 PM   8.1   7.4   32.9   21:3   1.6   3.0   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   12:20:00 PM   8.1   7.4   32.8   21:3   1.6   2.5   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   M   7   12:21:00 PM   8.2   7.4   32.8   21:2   1.5   3.0   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   M   7   12:21:00 PM   8.1   7.4   32.8   21:2   1.5   3.0   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   B   13   12:22:00 PM   8.1   7.4   32.8   21:2   1.5   3.0   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   B   13   12:22:00 PM   8.1   7.4   32.8   21:2   1.5   3.0   <0.1     NF1   3/2/2024   Mid-flood   Cloudy   Moderate   B   13   12:22:00 PM   8.1   7.4   32.8   21:2   1.5   3.0   <0.1     NF2   3/2/2024   Mid-flood   Cloudy   Moderate   B   13   12:22:00 PM   8.1   7.4   32.8   21:2   1.6   3.0   <0.1     NF2   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   12:12:00 PM   9.0   7.3   33.8   21:4   2.1   2.5   <0.1     NF2   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   12:12:00 PM   9.0   7.3   33.8   21:4   2.1   2.5   <0.1     NF2   3/2/2024   Mid-flood   Cloudy   Moderate   S   1   12:12:00 PM   9.0   7.3   33.8   21:5   2.1   4.0   <0.1     NF2   3/2/2024   Mid	<0.01
WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:56:00 AM         9.0         7.4         34.1         21:5         1.8         4.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         M         4         11:57:00 AM         8.9         7.4         34.1         21:4         1.8         2.5         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         M         4         11:57:00 AM         8.9         7.4         34.0         21:4         1.7         3.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:58:00 AM         9.0         7.5         34.0         21:5         1.8         3.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:58:00 AM         8.9         7.4         34.1         21.4         1.8         2.5         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         12:200 PM         8.1         7.4	<0.01
WSR37 3/2/2024 Mid-flood Cloudy Moderate M 4 11:57:00 AM 8.9 7.4 34.1 21.4 1.8 2.5 -0.1 WSR37 3/2/2024 Mid-flood Cloudy Moderate M 4 11:57:00 AM 8.9 7.4 34.0 21.4 1.7 3.0 -0.1 WSR37 3/2/2024 Mid-flood Cloudy Moderate B 7 11:58:00 AM 9.0 7.5 34.0 21.5 1.8 3.0 -0.1 WSR37 3/2/2024 Mid-flood Cloudy Moderate B 7 11:58:00 AM 8.9 7.4 34.1 21.4 1.8 2.5 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.9 21.3 1.6 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.8 21.3 1.6 2.5 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.3 1.6 2.5 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 21. 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 22 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 -0.1	<0.01
WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         M         4         11:57:00 AM         8.9         7.4         34.0         21.4         1.7         3.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:58:00 AM         9.0         7.5         34.0         21.5         1.8         3.0         <0.1           WSR37         3/2/2024         Mid-flood         Cloudy         Moderate         B         7         11:58:00 AM         8.9         7.4         34.1         21.4         1.8         2.5         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         12:20:00 PM         8.1         7.4         32.9         21.3         1.6         3.0         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         12:20:00 PM         8.1         7.4         32.8         21.2         1.5         3.0         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         B         13         12:21:00 PM         8.1         7.4<	<0.01
WSR37 3/2/2024 Mid-flood Cloudy Moderate B 7 11:58:00 AM 9.0 7.5 34.0 21.5 1.8 3.0 -0.1 WSR37 3/2/2024 Mid-flood Cloudy Moderate B 7 11:58:00 AM 8.9 7.4 34.1 21.4 1.8 2.5 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.9 21.3 1.6 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.8 21.3 1.6 2.5 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.8 21.4 2.2 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 3.0 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 -0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 -0.1	<0.01
WSR37 3/Z/2024 Mid-flood Cloudy Moderate B 7 11:58:00 AM 8.9 7.4 34.1 21.4 1.8 2.5 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.9 21.3 1.6 3.0 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.8 21.3 1.6 2.5 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.3 1.5 3.0 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.3 1.5 3.0 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/Z/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 21 2.5 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 22 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 22 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 21 3.0 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 <0.1  NF2 3/Z/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 21 2.5 <0.1	<0.01
NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.9 21.3 1.6 3.0 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate S 1 12:20:00 PM 8.1 7.4 32.8 21.3 1.6 2.5 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1 NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 32.8 21.2 1.6 3.0 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1 NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1	<0.01
NF1         3/2/2024         Mid-flood         Cloudy         Moderate         S         1         12:20:00 PM         8.1         7.4         32.8         21.3         1.6         2.5         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         M         7         12:21:00 PM         8.2         7.4         32.8         21.2         1.5         3.0         <0.1	<0.01
NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.2 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/2/2024 Mid-flood Cloudy Moderate M 7 12:21:00 PM 8.1 7.4 32.8 21.3 1.5 3.0 <0.1  NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.6 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1	<0.01
NF1         3/2/2024         Mid-flood         Cloudy         Moderate         M         7         12:21:00 PM         8.1         7.4         32.8         21.3         1.5         3.0         <0.1           NF1         3/2/2024         Mid-flood         Cloudy         Moderate         B         13         12:22:00 PM         8.1         7.4         32.8         21.2         1.5         3.0         <0.1	<0.01
NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.1 7.4 32.8 21.2 1.5 3.0 <0.1  NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.6 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:13:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1	<0.01
NF1 3/2/2024 Mid-flood Cloudy Moderate B 13 12:22:00 PM 8.2 7.4 32.8 21.2 1.6 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1	<0.01
NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.1 7.3 33.9 21.4 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.4 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1	<0.01
NF2 3/2/2024 Mid-flood Cloudy Moderate S 1 12:12:00 PM 9.0 7.3 33.8 21.4 2.2 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 4.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate M 5 12:13:00 PM 9.0 7.3 33.8 21.5 2.1 3.0 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.2 33.8 21.5 2.1 2.5 <0.1	<0.01
NF2         3/2/2024         Mid-flood         Cloudy         Moderate         M         5         12:13:00 PM         9.0         7.3         33.8         21.5         2.1         4.0         <0.1           NF2         3/2/2024         Mid-flood         Cloudy         Moderate         M         5         12:13:00 PM         9.0         7.3         33.8         21.4         2.1         3.0         <0.1	<0.01
NF2         3/2/2024         Mid-flood         Cloudy         Moderate         M         5         12:13:00 PM         9.0         7.3         33.8         21.4         2.1         3.0         <0.1           NF2         3/2/2024         Mid-flood         Cloudy         Moderate         B         10         12:14:00 PM         9.0         7.3         33.8         21.5         2.1         2.5         <0.1           NF2         3/2/2024         Mid-flood         Cloudy         Moderate         B         10         12:14:00 PM         9.0         7.2         33.8         21.5         2.1         2.5         <0.1	<0.01
NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.3 33.8 21.5 2.1 2.5 <0.1  NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.2 33.8 21.5 2.1 2.5 <0.1	<0.01
NF2 3/2/2024 Mid-flood Cloudy Moderate B 10 12:14:00 PM 9.0 7.2 33.8 21.5 2.1 2.5 <0.1	<0.01
	<0.01
	<0.01
NF3 3/2/2024 Mid-flood Cloudy Moderate S 1 12:05:00 PM 8.7 7.4 33.4 21.4 1.6 4.0 <0.1	<0.01
NF3 3/2/2024 Mid-flood Cloudy Moderate S 1 12:05:00 PM 8.7 7.4 33.4 21.4 1.6 3.0 <0.1	<0.01
NF3 3/2/2024 Mid-flood Cloudy Moderate M 6 12:06:00 PM 8.7 7.5 33.3 21.4 1.6 2.5 <0.1	<0.01
NF3 3/2/2024 Mid-flood Cloudy Moderate M 6 12:06:00 PM 8.7 7.5 33.3 21.4 1.7 3.0 <0.1	<0.01
NF3 3/2/2024 Mid-flood Cloudy Moderate B 11 12:07:00 PM 8.7 7.4 33.4 21.4 1.7 2.5 <0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
NF3	3/2/2024	Mid-flood	Cloudy	Moderate	В	11	12:07:00 PM	8.7	7.4	33.4	21.4	1.6	3.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:12:00 AM	9.2	7.2	33.4	20.1	2.5	4.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:12:00 AM	9.2	7.2	33.5	20.1	2.5	3.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	М	11	11:13:00 AM	9.3	7.3	33.4	20.1	2.6	4.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	М	11	11:13:00 AM	9.3	7.2	33.4	20.1	2.5	5.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	В	21	11:14:00 AM	9.2	7.2	33.5	20.1	2.5	3.0	<0.1	<0.01
CE	5/2/2024	Mid-flood	Cloudy	Moderate	В	21	11:14:00 AM	9.4	7.2	33.4	20.1	2.5	4.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:11:00 AM	8.8	7.2	33.5	20.2	2.9	4.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:11:00 AM	8.8	7.2	33.6	20.1	2.8	3.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	М	10	8:12:00 AM	8.8	7.2	33.6	20.1	2.6	4.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	М	10	8:12:00 AM	8.9	7.2	33.7	20.2	2.6	4.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:13:00 AM	8.9	7.2	33.6	20.2	2.6	5.0	<0.1	<0.01
CF	5/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:13:00 AM	8.8	7.2	33.7	20.1	2.7	4.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:35:00 AM	8.3	7.3	32.9	20.2	1.7	3.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:35:00 AM	8.3	7.4	32.9	20.2	1.7	4.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	8:36:00 AM	8.4	7.3	32.8	20.1	1.7	4.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	8:36:00 AM	8.4	7.4	32.8	20.2	1.8	5.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:37:00 AM	8.3	7.3	32.9	20.2	1.7	4.0	<0.1	<0.01
WSR01	5/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:37:00 AM	8.4	7.3	32.9	20.2	1.7	3.0	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:54:00 AM	8.9	7.4	33.3	20.1	2.1	4.0	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:54:00 AM	8.8	7.4	33.2	20.1	2.2	4.0	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	8:55:00 AM	9.0	7.4	33.3	20.0	2.2	2.5	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	8:55:00 AM	9.0	7.4	33.3	20.1	2.2	2.5	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:56:00 AM	8.9	7.3	33.2	20.0	2.2	2.5	<0.1	<0.01
WSR02	5/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:56:00 AM	8.8	7.4	33.2	20.1	2.2	2.5	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:10:00 AM	8.4	7.1	32.4	20.0	2.0	2.5	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:10:00 AM	8.4	7.2	32.4	20.0	1.8	2.5	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:11:00 AM	8.4	7.1	32.3	20.0	1.9	2.5	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:11:00 AM	8.4	7.2	32.3	20.0	1.9	4.0	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:12:00 AM	8.3	7.1	32.3	20.0	1.9	3.0	<0.1	<0.01
WSR03	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:12:00 AM	8.3	7.2	32.3	20.0	1.8	2.5	<0.1	<0.01

Nome         Males         Catolina         Series         1         Series         8         2         2         2         2         1         4 <th>Location</th> <th>Date</th> <th>Tidal</th> <th>Weather</th> <th>Sea Condition</th> <th>Water Level</th> <th>Depth (m)</th> <th>Time</th> <th>DO (mg/L)</th> <th>pH</th> <th>Sal (ppt)</th> <th>Temp (¢XC)</th> <th>Turbidty (NTU)</th> <th>SS (mg/L)</th> <th>Iron (mg/L) To</th> <th>otal Chlorine</th>	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
No.	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:26:00 AM	8.6	7.3	32.8	20.1	2.0	3.0	<0.1	<0.01
WATER         Alfalon         Cloud         Machine         M.         4         9270 MAN         86         7.4         22.9         21.0         1.0         0.0         -0.0         <	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:26:00 AM	8.7	7.4	32.8	20.1	1.9	4.0	<0.1	<0.01
No.	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:27:00 AM	8.7	7.3	32.9	20.1	2.0	2.5	<0.1	<0.01
WATER         Application         Uniform         Operation         9         980 Mark         18         2         12         13         14	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:27:00 AM	8.6	7.4	32.8	20.0	1.9	2.5	<0.1	<0.01
No. 10.	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:28:00 AM	8.8	7.4	32.9	20.1	2.0	3.0	<0.1	<0.01
WRNIAR         S/2/1004         Mid-flood         Cloudy         Mederate         S         1         0.51-0004         88         7.2         3.31         204         1.8         4.0         -0.1	WSR04	5/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:28:00 AM	8.8	7.4	33.0	20.0	2.0	2.5	<0.1	<0.01
WSR16         5/7/202         Mil-flood         Cloudy         Moderate         M         B         10/2004 MB         88         72         33.1         20.4         18         4.0         -0.1         -0.0           WSR16         5/7/202         Mil-flood         Cloudy         Moderate         B         10/200 AU         89         7.2         33.1         20.4         1.9         3.0         -0.1         -0.0           WSR16         5/7/202         Mil-flood         Cloudy         Moderate         B         16         10/200 AU         89         7.2         33.1         20.3         20.1         4.0         -0.1         -0.0           WSR18         5/7/202         Mil-flood         Cloudy         Moderate         S         1         94.100 AW         93         7.2         33.1         20.1         1.7         2.5         -0.1         -0.0           WSR33         5/7/202         Mil-flood         Cloudy         Moderate         S         1         94.100 AW         93         7.2         33.9         20.1         1.8         3.0         -0.1         -0.1           WSR33         5/7/202         Mil-flood         Cloudy         Moderate         B         <	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:51:00 AM	8.9	7.2	33.1	20.4	2.0	3.0	<0.1	<0.01
No.	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:51:00 AM	8.8	7.3	33.1	20.4	1.9	4.0	<0.1	<0.01
WSR16         S/2/2028         Mid-flood         Cloudy         Moderate         B         16         10.53.00 AM         8.9         7.2         33.1         20.3         20         4.0         <0.1         <0.0           WSR16         5/2/2028         Mid-flood         Cloudy         Moderate         8         16         10.53.00 AM         8.9         7.2         33.1         20.4         1.9         2.5         4.01         ~0.01           WSR33         5/2/2028         Mid-flood         Cloudy         Moderate         8         1         94.100 AM         9.1         7.2         33.9         20.1         1.7         4.0         4.0         4.0         ~0.0	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	M	8	10:52:00 AM	8.8	7.2	33.1	20.4	1.8	4.0	<0.1	<0.01
WSR16         5/2/2024         Mid-flood         Cloudy         Moderate         B         16         195300 AM         8.9         7.2         33.1         20.4         1.9         2.5         -0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         941400 AM         9.1         2.2         33.9         20.1         1.7         2.5         -0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         M         4         94200 AM         9.2         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         M         4         94200 AM         9.2         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         B         7         94300 AM         9.3         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate </td <td>WSR16</td> <td>5/2/2024</td> <td>Mid-flood</td> <td>Cloudy</td> <td>Moderate</td> <td>М</td> <td>8</td> <td>10:52:00 AM</td> <td>8.9</td> <td>7.3</td> <td>33.2</td> <td>20.4</td> <td>1.9</td> <td>3.0</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	М	8	10:52:00 AM	8.9	7.3	33.2	20.4	1.9	3.0	<0.1	<0.01
WSR33         5/2/2024         Mid-Book         Cloudy         Moderate         5         1         94100 AM         9.1         7.2         33.9         20.1         1.7         2.5         0.1         0.01           WSR33         5/2/2024         Mid-Book         Cloudy         Moderate         8         1         941200 AM         9.2         7.2         33.8         20.1         1.7         4.0         0.01         -0.01           WSR33         5/2/2024         Mid-Book         Cloudy         Moderate         M         4         94200 AM         9.1         7.2         33.9         20.1         1.8         3.0         0.1         -0.01           WSR33         5/2/2024         Mid-Book         Cloudy         Moderate         B         7         94300 AM         9.1         7.2         33.9         20.1         1.8         3.0         0.1         -0.01           WSR33         5/2/2024         Mid-Book         Cloudy         Moderate         B         7         94300 AM         9.2         7.2         33.9         20.1         1.8         3.0         0.1         -0.01           WSR36         5/2/2024         Mid-Book         Cloudy         Moderate         <	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	В	16	10:53:00 AM	8.9	7.2	33.1	20.3	2.0	4.0	<0.1	<0.01
WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         941:00 AM         9.3         7.2         3.8         20.1         1.7         4.0         0.01         0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         M         4         942:00 AM         9.1         7.2         3.3         20.1         1.8         3.0         0.1         0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         M         4         942:00 AM         9.1         7.2         33.9         20.1         1.8         3.0         0.1         -0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         B         7         943:00 AM         9.2         7.2         34.0         20.1         1.8         3.0         0.1         -0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         957:00 AM         9.3         7.2         32.9         20.2         2.1         4.0         0.1         -0.1           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate	WSR16	5/2/2024	Mid-flood	Cloudy	Moderate	В	16	10:53:00 AM	8.9	7.2	33.1	20.4	1.9	2.5	<0.1	<0.01
W883 S/2/202 Mid-flood         Gloudy         Moderate         M         4         9420 DAM         9.2         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33 S/2/202 Mid-flood         Gloudy         Moderate         M         4         94200 AM         9.1         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33 S/2/202 Mid-flood         Gloudy         Moderate         B         7         943800 AM         9.2         7.2         33.9         20.1         1.8         3.0         -0.1         -0.01           WSR33 S/2/202 Mid-flood         Gloudy         Moderate         B         7         943800 AM         9.3         7.2         34.0         20.1         1.8         3.0         -0.1         -0.01           WSR36 S/2/202 Mid-flood         Gloudy         Moderate         S         1         95700AM         9.3         7.2         32.0         20.1         21         4.0         -0.1         -0.1         -0.01           WSR36 S/2/202 Mid-flood         Gloudy         Moderate         B         6         95800AM         9.3         7.2         32.0         20.2         2.2         3.0 <td>WSR33</td> <td>5/2/2024</td> <td>Mid-flood</td> <td>Cloudy</td> <td>Moderate</td> <td>S</td> <td>1</td> <td>9:41:00 AM</td> <td>9.1</td> <td>7.2</td> <td>33.9</td> <td>20.1</td> <td>1.7</td> <td>2.5</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:41:00 AM	9.1	7.2	33.9	20.1	1.7	2.5	<0.1	<0.01
WSR33         5/2/2024         Mid-Bool         Cloudy         Moderate         M         4         942-90 AM         9.1         7.2         33.9         20.1         1.8         3.0         <0.1         <0.00           WSR33         5/2/2024         Mid-Bool         Cloudy         Moderate         B         7         943:90 AM         9.2         7.2         33.9         20.1         1.7         3.0         <0.1         <0.00           WSR33         5/2/2024         Mid-Bool         Cloudy         Moderate         B         7         943:90 AM         9.3         7.2         34.0         20.1         1.8         3.0         <0.1         <0.00           WSR36         5/2/2024         Mid-Bool         Cloudy         Moderate         S         1         9.57:00 AM         9.3         7.2         32.9         20.2         2.1         4.0         <0.1         <0.00           WSR36         5/2/2024         Mid-Bool         Cloudy         Moderate         S         1         9.57:00 AM         9.3         7.2         32.9         20.2         2.2         2.5         <0.1         <0.00           WSR36         5/2/2024         Mid-Bool         Cloudy         Moderate <td>WSR33</td> <td>5/2/2024</td> <td>Mid-flood</td> <td>Cloudy</td> <td>Moderate</td> <td>S</td> <td>1</td> <td>9:41:00 AM</td> <td>9.3</td> <td>7.2</td> <td>33.8</td> <td>20.1</td> <td>1.7</td> <td>4.0</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:41:00 AM	9.3	7.2	33.8	20.1	1.7	4.0	<0.1	<0.01
WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         B         7         943-00 AM         9.2         7.2         33.9         20.1         1.7         3.0         <0.1         <0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         B         7         943-00 AM         9.3         7.2         34.0         20.1         1.8         3.0         <0.1         <0.01           WSR33         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         9.57:00 AM         9.3         7.2         32.9         20.2         2.1         4.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         9.57:00 AM         9.3         7.2         32.9         20.1         2.1         4.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         9.3         7.2         32.9         20.2         2.2         3.0         <0.1         <0.01           WSR37         5/2/2024         Mid-flood         Cloudy         Moder	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:42:00 AM	9.2	7.2	33.9	20.1	1.8	3.0	<0.1	<0.01
WSR33         5/Z/2024         Mid-flood         Cloudy         Moderate         B         7         943300 AM         9.3         7.2         34.0         20.1         1.8         3.0         -0.1         -0.01           WSR36         5/Z/2024         Mid-flood         Cloudy         Moderate         S         1         957·00 AM         9.3         7.2         32.9         20.2         2.1         4.0         -0.1         -0.01           WSR36         5/Z/2024         Mid-flood         Cloudy         Moderate         S         1         957·00 AM         9.3         7.2         32.9         20.1         2.1         4.0         -0.1         -0.01           WSR36         5/Z/2024         Mid-flood         Cloudy         Moderate         M         3         958·00 AM         9.3         7.2         32.9         20.2         2.2         2.5         -0.1         -0.01           WSR36         5/Z/2024         Mid-flood         Cloudy         Moderate         B         6         958·00 AM         9.3         7.2         32.9         20.2         2.2         3.0         -0.1         -0.01           WSR36         5/Z/2024         Mid-flood         Cloudy         Moderate	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:42:00 AM	9.1	7.2	33.9	20.1	1.8	3.0	<0.1	<0.01
NSR36         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         9:57:00 AM         9.3         7.2         32.9         20.2         2.1         4.0         <0.1         <0.01         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         9:57:00 AM         9.3         7.2         32.9         20.1         2.1         4.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9:58:00 AM         9.3         7.2         32.9         20.1         2.1         4.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9:58:00 AM         9.3         7.2         32.9         20.2         2.2         3.0         <0.1         <0.001           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         B         6         9:58:00 AM         9.3         7.2         32.0         20.1         22.2         3.0         <0.1         <0.001           WSR37         5/2/2024         Mid-flood         C	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:43:00 AM	9.2	7.2	33.9	20.1	1.7	3.0	<0.1	<0.01
WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         S         1         9.57:00 AM         9.3         7.2         32.9         20.1         2.1         4.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9.58:00 AM         9.3         7.2         32.9         20.1         2.2         2.5         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9.58:00 AM         9.3         7.2         32.9         20.2         2.2         3.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         9.3         7.2         32.8         20.2         2.2         3.0         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         9.3         7.2         33.0         20.1         2.2         2.5         <0.1         <0.01           WSR37         5/2/2024         Mid-flood         Cloudy         Mod	WSR33	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:43:00 AM	9.3	7.2	34.0	20.1	1.8	3.0	<0.1	<0.01
WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9:58:00 AM         9.3         7.2         33.0         20.1         2.2         2.5         <0.1         <0.01           WSR36         5/2/2024         Mid-flood         Cloudy         Moderate         M         3         9:58:00 AM         9.3         7.2         32.9         20.2         2.2         3.0         <0.1	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:57:00 AM	9.3	7.2	32.9	20.2	2.1	4.0	<0.1	<0.01
WSR36 S/2/2024 Mid-flood Cloudy Moderate M 3 9.58:00 AM 9.3 7.2 32.9 20.2 2.2 3.0 <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 <0.001	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:57:00 AM	9.3	7.2	32.9	20.1	2.1	4.0	<0.1	<0.01
WSR36 S/2/2024 Mid-flood Cloudy Moderate B 6 9:58:00 AM 9.3 7.2 32.8 20.2 2.2 3.0 <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 <0.	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	M	3	9:58:00 AM	9.3	7.2	33.0	20.1	2.2	2.5	<0.1	<0.01
WSR36 5/2/2024 Mid-flood Cloudy Moderate B 6 9:58:00 AM 9.3 7.2 33.0 20.1 2.2 2.5 <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 <0.001	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	M	3	9:58:00 AM	9.3	7.2	32.9	20.2	2.2	3.0	<0.1	<0.01
WSR37 5/2/024 Mid-flood Cloudy Moderate S 1 10:14:00 AM 8.5 7.1 33.1 20.3 2.0 3.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:58:00 AM	9.3	7.2	32.8	20.2	2.2	3.0	<0.1	<0.01
WSR37 5/2/2024 Mid-flood Cloudy Moderate S 1 10:14:00 AM 8.4 7.1 33.1 20.2 2.1 4.0 <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 <0	WSR36	5/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:58:00 AM	9.3	7.2	33.0	20.1	2.2	2.5	<0.1	<0.01
WSR37 5/2/2024 Mid-flood Cloudy Moderate M 4 10:15:00 AM 8.4 7.1 33.1 20.3 1.9 2.5 <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 <0.00	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:14:00 AM	8.5	7.1	33.1	20.3	2.0	3.0	<0.1	<0.01
WSR37 5/2/2024 Mid-flood Cloudy Moderate M 4 10:15:00 AM 8.4 7.1 33.1 20.2 2.0 3.0 <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 <0	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:14:00 AM	8.4	7.1	33.1	20.2	2.1	4.0	<0.1	<0.01
WSR37 5/2/2024 Mid-flood Cloudy Moderate B 7 10:16:00 AM 8.4 7.1 33.1 20.3 2.1 3.0 <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 <0	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	M	4	10:15:00 AM	8.4	7.1	33.1	20.3	1.9	2.5	<0.1	<0.01
WSR37 5/2/2024 Mid-flood Cloudy Moderate B 7 10:16:00 AM 8.4 7.1 33.2 20.2 2.0 2.5 <0.1 <0.01	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	M	4	10:15:00 AM	8.4	7.1	33.1	20.2	2.0	3.0	<0.1	<0.01
	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:16:00 AM	8.4	7.1	33.1	20.3	2.1	3.0	<0.1	<0.01
NF1 5/2/2024 Mid-flood Cloudy Moderate S 1 10:38:00 AM 8.3 7.1 32.6 20.2 1.9 3.0 <0.1 <0.01	WSR37	5/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:16:00 AM	8.4	7.1	33.2	20.2	2.0	2.5	<0.1	<0.01
	NF1	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:38:00 AM	8.3	7.1	32.6	20.2	1.9	3.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
NF1	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:38:00 AM	8.2	7.2	32.7	20.2	1.9	2.5	<0.1	<0.01
NF1	5/2/2024	Mid-flood	Cloudy	Moderate	М	7	10:39:00 AM	8.3	7.1	32.5	20.2	1.9	3.0	<0.1	<0.01
NF1	5/2/2024	Mid-flood	Cloudy	Moderate	М	7	10:39:00 AM	8.4	7.2	32.6	20.2	1.9	3.0	<0.1	<0.01
NF1	5/2/2024	Mid-flood	Cloudy	Moderate	В	13	10:40:00 AM	8.3	7.2	32.6	20.2	1.8	3.0	<0.1	<0.01
NF1	5/2/2024	Mid-flood	Cloudy	Moderate	В	13	10:40:00 AM	8.3	7.2	32.7	20.2	1.9	3.0	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:30:00 AM	8.2	7.2	33.4	20.0	1.8	2.5	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:30:00 AM	8.1	7.2	33.5	20.0	1.7	3.0	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:31:00 AM	8.1	7.3	33.4	20.0	1.7	4.0	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:31:00 AM	8.1	7.3	33.4	19.9	1.7	3.0	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	В	9	10:32:00 AM	8.1	7.3	33.5	19.9	1.7	2.5	<0.1	<0.01
NF2	5/2/2024	Mid-flood	Cloudy	Moderate	В	9	10:32:00 AM	8.2	7.3	33.4	20.0	1.7	2.5	<0.1	< 0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:23:00 AM	9.6	7.3	32.6	20.0	2.0	4.0	<0.1	<0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:23:00 AM	9.6	7.3	32.5	20.1	2.1	3.0	<0.1	<0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:24:00 AM	9.5	7.3	32.5	20.0	2.0	2.5	<0.1	<0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:24:00 AM	9.5	7.3	32.5	20.0	2.0	3.0	<0.1	<0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:25:00 AM	9.6	7.3	32.6	20.0	2.0	2.5	<0.1	<0.01
NF3	5/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:25:00 AM	9.5	7.3	32.5	20.0	2.1	3.0	<0.1	<0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:49:00 AM	8.5	7.4	33.7	20.9	2.2	2.5	<0.1	<0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:49:00 AM	8.5	7.4	33.6	20.8	2.3	2.5	<0.1	< 0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	M	12	11:50:00 AM	8.6	7.4	33.6	20.8	2.4	2.5	<0.1	<0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	М	12	11:50:00 AM	8.5	7.4	33.6	20.9	2.4	2.5	<0.1	<0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	В	23	11:51:00 AM	8.5	7.4	33.6	20.8	2.2	2.5	<0.1	<0.01
CE	7/2/2024	Mid-flood	Cloudy	Moderate	В	23	11:51:00 AM	8.5	7.4	33.7	20.9	2.2	2.5	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:37:00 AM	9.1	7.2	32.8	21.0	2.6	3.0	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:37:00 AM	9.2	7.2	32.7	21.0	2.6	2.5	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	M	10	8:38:00 AM	9.1	7.2	32.8	20.9	2.7	2.5	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	M	10	8:38:00 AM	9.1	7.2	32.8	20.9	2.6	2.5	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:39:00 AM	9.1	7.2	32.8	20.9	2.5	2.5	<0.1	<0.01
CF	7/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:39:00 AM	9.1	7.2	32.7	21.0	2.6	2.5	<0.1	<0.01
WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:03:00 AM	8.3	7.3	33.5	21.0	2.2	2.5	<0.1	<0.01
WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:03:00 AM	8.2	7.4	33.5	21.0	2.2	2.5	<0.1	<0.01

Name	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	tal Chlorine
No.	WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:04:00 AM	8.3	7.4	33.5	21.1	2.2	2.5	<0.1	<0.01
No.	WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:04:00 AM	8.2	7.3	33.4	21.0	2.2	2.5	<0.1	<0.01
WSND2         7/2/202         Mai-Blood         Gnudy         Moderate         S         1         924400 M         9.3         7.4         33.4         21.2         1.8         2.5         4.0         4.0           WSND2         7/2/2024         Moderate         S         1         924400 M         9.3         7.4         33.4         21.2         1.9         2.5         4.0         4.0           WSND2         7/2/2024         Mid-Blood         Cloudy         Moderate         M         5         925800 M         9.3         7.4         33.5         21.2         1.0         2.5         4.0         4.0           WSND2         7/2/2024         Mid-Blood         Cloudy         Moderate         B         9.25800 AM         9.2         7.4         33.5         21.2         1.0         2.5         4.0           WSND2         7/2/2024         Mid-Blood         Cloudy         Moderate         B         9.25800 AM         9.2         7.4         33.5         21.2         1.0         2.5         4.0         4.0           WSND2         7/2/2024         Mid-Blood         Cloudy         Moderate         B         9.40000AM         8.6         7.3         33.5	WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	В	8	9:05:00 AM	8.3	7.4	33.4	21.1	2.1	2.5	<0.1	<0.01
WSWS         7/1000         Make lead         Goody         Medicate         S         1         924604M         9.1         7.4         3.1         912         1.0         2.5         4.0         4.00           WSWS         7/1/2004         Make load         Cloudy         Medicate         M         5         925004M         9.3         7.4         33.5         21.2         1.0         2.5         4.0         4.00           WSWS         7/1/2004         Make load         Cloudy         Medicrate         M         5         925004M         9.2         7.4         33.5         21.2         1.0         2.5         4.0         4.00           WSWS         7/1/2004         Make load         Cloudy         Medicrate         8         9.26004M         9.2         7.4         33.4         21.2         1.0         2.5         4.0         4.0         4.0         4.0         4.0         33.6         21.2         1.0         2.5         4.0<	WSR01	7/2/2024	Mid-flood	Cloudy	Moderate	В	8	9:05:00 AM	8.2	7.3	33.5	21.0	2.1	2.5	<0.1	<0.01
WSW         7/2/102         Mid-flood         Globy         Mederate         M         5         9,2500 AM         9.3         7.4         33.5         21.2         18         2.5         -9.1         -9.0           WSW         7/2/202         14-10-00         Globy         Mederate         M         5         9,2500 AM         9.3         7.4         33.5         21.2         18         2.5         -9.1         -9.0           WSW         7/2/202         Mid-flood         Gloudy         Mederate         B         9,2600 AM         9.2         7.4         33.4         21.2         18         2.5         -9.1         -9.0           WSW         7/2/202         Mid-flood         Gloudy         Mederate         8         9,2600 AM         8.5         7.3         3.4         21.0         2.5         -9.1         -9.0         -9.0         -9.0         3.3         21.0         2.1         2.5         -9.1         -9.0         -9.0         -9.0         3.3         21.0         2.1         2.5         -9.1         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0         -9.0	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:24:00 AM	9.3	7.4	33.4	21.2	1.8	2.5	<0.1	<0.01
Name	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:24:00 AM	9.3	7.4	33.4	21.2	1.9	2.5	<0.1	<0.01
No.	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	M	5	9:25:00 AM	9.3	7.4	33.5	21.2	1.9	2.5	<0.1	< 0.01
W.	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:25:00 AM	9.3	7.4	33.5	21.2	1.8	2.5	<0.1	<0.01
Mark	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	В	8	9:26:00 AM	9.2	7.4	33.4	21.2	1.8	2.5	<0.1	<0.01
Name	WSR02	7/2/2024	Mid-flood	Cloudy	Moderate	В	8	9:26:00 AM	9.2	7.4	33.5	21.2	1.9	2.5	<0.1	<0.01
Marie   Mari	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:40:00 AM	8.5	7.3	33.4	21.0	2.2	2.5	<0.1	<0.01
Name	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:40:00 AM	8.6	7.3	33.6	21.1	2.1	2.5	<0.1	<0.01
WKR03         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         94200 AM         8.6         7.3         33.5         21.1         2.0         12.0         <0.1         <0.01           WSR03         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         94200 AM         8.6         7.4         33.5         21.0         1.8         13.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         956-00 AM         8.7         7.2         32.2         21.0         2.1         14.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         956-00 AM         8.7         7.2         32.2         21.0         2.1         4.0         4.0           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         958-00 AM         8.7         7.2         32.2         2.0         2.1         3.0         <0.1         <0.0           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:41:00 AM	8.6	7.3	33.5	21.0	2.1	2.5	<0.1	< 0.01
WSR03   7/2/202   Mid-flood   Cloudy   Moderate   B   7   94200 AM   86   74   335   210   18   130   0.1   0.01	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:41:00 AM	8.6	7.3	33.5	21.1	2.1	2.5	<0.1	<0.01
WSR04 7/2/2024 Mid-flood Cloudy Moderate S 1 9:56:00 AM 8.7 7.2 32.2 21.0 21.1 14.0 <0.1 <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 <0.00	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:42:00 AM	8.6	7.3	33.5	21.1	2.0	12.0	<0.1	<0.01
WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         9-56-00 AM         87         7.2         32.3         20.9         2.2         12.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         9-57-00 AM         87         7.2         32.2         21.0         21         2.5         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9-58-00 AM         87         7.2         32.3         21.0         21         3.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9-58-00 AM         87         7.2         32.3         21.0         21         3.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9-58-00 AM         8.7         7.2         32.3         21.0         22         2.5         <0.1         <0.01           WSR16         7/2/2024         Mid-flood         Cloudy         Moderate </td <td>WSR03</td> <td>7/2/2024</td> <td>Mid-flood</td> <td>Cloudy</td> <td>Moderate</td> <td>В</td> <td>7</td> <td>9:42:00 AM</td> <td>8.6</td> <td>7.4</td> <td>33.5</td> <td>21.0</td> <td>1.8</td> <td>13.0</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR03	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:42:00 AM	8.6	7.4	33.5	21.0	1.8	13.0	<0.1	<0.01
WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         9.57:00 AM         8.7         7.2         32.2         21.0         2.1         2.5         -0.1         -0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         9.57:00 AM         8.7         7.2         32.2         21.0         2.1         3.0         -0.1         -0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         8.7         7.2         32.2         20.9         2.1         3.0         -0.1         -0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         8.7         7.2         32.3         21.0         2.2         2.5         -0.1         -0.01           WSR16         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:26:00 AM         8.1         7.2         33.5         20.9         1.9         2.5         -0.1         -0.01           WSR16         7/2/2024         Mid-flood         Cloudy         Mo	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:56:00 AM	8.7	7.2	32.2	21.0	2.1	14.0	<0.1	<0.01
WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         9.57:00 AM         8.7         7.2         32.3         21.0         2.1         3.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         8.7         7.2         32.2         20.9         2.1         3.0         <0.1         <0.01           WSR04         7/2/2024         Mid-flood         Cloudy         Moderate         B         6         9.58:00 AM         8.7         7.2         32.3         21.0         2.2         2.5         <0.1         <0.01           WSR16         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:26:00 AM         8.1         7.2         33.5         20.9         1.9         2.5         <0.1         <0.01           WSR16         7/2/2024         Mid-flood         Cloudy         Moderate         M         8         11:27:00 AM         8.2         7.2         33.5         20.9         1.9         2.5         <0.1         <0.01           WSR16         7/2/2024         Mid-flood         Cloudy         M	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:56:00 AM	8.7	7.2	32.3	20.9	2.2	12.0	<0.1	<0.01
WSR04	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:57:00 AM	8.7	7.2	32.2	21.0	2.1	2.5	<0.1	<0.01
WSR04 7/2/2024 Mid-flood Cloudy Moderate B 6 9.58:00 AM 8.7 7.2 32.3 21.0 2.2 2.5 <0.1 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:57:00 AM	8.7	7.2	32.3	21.0	2.1	3.0	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate S 1 11:26:00 AM 8.2 7.2 33.6 20.9 1.9 2.5 <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 <0.00000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <0.0000 <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 <0.0000 <0.00000 <0.00000 <0.0000 <	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:58:00 AM	8.7	7.2	32.2	20.9	2.1	3.0	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate S 1 1 11:26:00 AM 8.1 7.2 33.5 20.9 1.9 3.0 <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	WSR04	7/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:58:00 AM	8.7	7.2	32.3	21.0	2.2	2.5	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate M 8 11:27:00 AM 8.2 7.2 33.6 20.9 1.9 2.5 <0.1 <0.0000000000000000000000000000000	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:26:00 AM	8.2	7.2	33.6	20.9	1.9	2.5	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate M 8 11:27:00 AM 8.2 7.2 33.5 20.9 2.0 2.5 <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 <0	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:26:00 AM	8.1	7.2	33.5	20.9	1.9	3.0	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate B 14 11:28:00 AM 8.1 7.2 33.5 20.9 1.8 2.5 <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 <0.0000 <0.00000 <0.0	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	М	8	11:27:00 AM	8.2	7.2	33.6	20.9	1.9	2.5	<0.1	<0.01
WSR16 7/2/2024 Mid-flood Cloudy Moderate B 14 11:28:00 AM 8.1 7.2 33.5 20.9 1.7 2.5 <0.1 <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	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	М	8	11:27:00 AM	8.2	7.2	33.5	20.9	2.0	2.5	<0.1	<0.01
WSR33 7/2/2024 Mid-flood Cloudy Moderate S 1 10:13:00 AM 9.1 7.3 33.1 21.0 2.3 2.5 <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 <0	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	В	14	11:28:00 AM	8.1	7.2	33.5	20.9	1.8	2.5	<0.1	<0.01
WSR33 7/2/2024 Mid-flood Cloudy Moderate S 1 10:13:00 AM 9.0 7.3 33.0 21.1 2.3 2.5 <0.1 <0.01	WSR16	7/2/2024	Mid-flood	Cloudy	Moderate	В	14	11:28:00 AM	8.1	7.2	33.5	20.9	1.7	2.5	<0.1	<0.01
	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:13:00 AM	9.1	7.3	33.1	21.0	2.3	2.5	<0.1	<0.01
WSR33 7/2/2024 Mid-flood Cloudy Moderate M 4 10:14:00 AM 9.1 7.3 33.1 21.0 2.1 2.5 <0.1 <0.01	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:13:00 AM	9.0	7.3	33.0	21.1	2.3	2.5	<0.1	<0.01
	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:14:00 AM	9.1	7.3	33.1	21.0	2.1	2.5	<0.1	<0.01

No.	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	tal Chlorine
No.	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:14:00 AM	9.1	7.3	33.1	21.1	2.3	2.5	<0.1	<0.01
NSS	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:15:00 AM	9.0	7.3	33.0	21.0	2.1	2.5	<0.1	<0.01
New North No	WSR33	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:15:00 AM	9.1	7.3	33.0	21.1	2.3	2.5	<0.1	<0.01
NSSS 7/7/202 Mid-flood Coody Moderate M 3 103180 M 8 7, 1 32 21 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate M 3 103180 M 8 7, 1 32 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 5 103180 M 8 7, 1 32 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 5 103180 M 8 7, 1 32 20 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 5 103180 M 8 8 7, 1 33 0 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 5 1 103180 M 8 8 7, 1 33 0 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 5 1 103180 M 8 8 7, 1 33 0 20 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 6 1 104780 M 8 8 7, 1 33 0 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 104780 M 8 5 7, 1 33 0 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 104780 M 8 5 7, 1 33 0 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 104780 M 8 5 7, 2 33 0 20 20 20 25 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 10480 M 8 5 7, 2 33 0 20 0 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 104890 M 8 5 7, 2 33 0 20 0 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 104890 M 8 5 7, 2 33 0 20 0 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 7 1 11180 M 8 9 7, 3 32 0 20 20 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 7 1 11180 M 8 9 7, 3 32 0 20 20 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 1 11180 M 8 9 7, 3 32 0 20 20 20 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 1 1180 M 8 9 7, 3 32 0 20 20 20 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 1 1180 M 8 9 7, 3 32 0 20 20 20 20 25 41 41 40.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 1 1180 M 8 9 7, 3 32 0 20 20 20 20 20 20 21 41 41.  NSSS 7/7/202 Mid-flood Coody Moderate B 8 1 1180 M 8 9 7, 3 32 0 20 20 20 20 20 20 21 41 41.  NSS 7/7/202 Mid-flood Coody Moderate B 8 1 1180 M 8 9 7, 3 32 0 20 20 20 20 20 20 20 20 20 20 20 20	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:30:00 AM	8.8	7.2	32.9	21.0	2.1	2.5	<0.1	<0.01
Nex No.	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:30:00 AM	8.8	7.2	32.9	20.9	2.0	2.5	<0.1	<0.01
Nex No.	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:31:00 AM	8.9	7.1	32.9	21.0	2.0	2.5	<0.1	<0.01
New North No	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:31:00 AM	8.8	7.1	33.0	21.0	2.1	2.5	<0.1	<0.01
No.	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	В	5	10:31:00 AM	8.8	7.1	32.9	20.9	2.0	2.5	<0.1	<0.01
No.	WSR36	7/2/2024	Mid-flood	Cloudy	Moderate	В	5	10:31:00 AM	8.8	7.1	33.0	20.9	2.0	2.5	<0.1	<0.01
WSSS         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         104800 AM         85         7.2         33.4         21.0         2.0         2.5         <0.1         <0.01           WSSS         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         104800 AM         8.6         7.2         33.4         21.0         2.0         2.5         <0.1         <0.01           WSSS         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         104900 AM         8.5         7.2         33.4         21.0         23         2.5         <0.1         <0.01           WSSS         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         104900 AM         8.6         7.2         33.4         21.0         23         2.5         <0.1         <0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:11:00 AM         8.9         7.3         32.7         20.9         2.2         2.5         <0.1         <0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:47:00 AM	8.6	7.2	33.5	21.0	2.1	2.5	<0.1	<0.01
WSSS7         7/2/2024         Mid-flood         Cloudy         Moderate         M         4         10-48-00 AM         8.6         7.2         33.4         20.9         2.0         2.5         -0.1         -0.01           WSR37         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         10-49-00 AM         8.5         7.2         33.4         21.0         2.3         2.5         -0.1         -0.01           WSR37         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         10-49-00 AM         8.6         7.2         33.5         21.0         2.3         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         111:100 AM         8.9         7.3         32.7         20.9         2.2         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         M         7         111:200 AM         8.9         7.3         32.7         20.9         2.1         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Modera	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:47:00 AM	8.5	7.1	33.4	20.9	2.0	2.5	<0.1	<0.01
WSSR7         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         10-49-00 AM         8.5         7.2         33.4         210         2.3         2.5         -0.1         -0.01           WSR37         7/2/2024         Mid-flood         Cloudy         Moderate         B         7         10-49-00 AM         8.6         7.2         33.5         21.0         23         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         111-100 AM         8.9         7.3         32.7         20.9         2.2         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         N         7         11:12-00 AM         8.9         7.3         32.7         20.9         2.2         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         N         7         11:12-00 AM         8.9         7.4         32.6         2.0         2.1         2.5         -0.1         -0.01           NF1         7/2/2024         Mid-flood         Cloudy         Moderate </td <td>WSR37</td> <td>7/2/2024</td> <td>Mid-flood</td> <td>Cloudy</td> <td>Moderate</td> <td>М</td> <td>4</td> <td>10:48:00 AM</td> <td>8.5</td> <td>7.2</td> <td>33.4</td> <td>21.0</td> <td>2.0</td> <td>2.5</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:48:00 AM	8.5	7.2	33.4	21.0	2.0	2.5	<0.1	<0.01
NRS 7 7/2/2024 Mid-flood Cloudy Moderate B 7 10-49-90 AM 86 7.2 33.5 21.0 23 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 11:11:19-00 AM 89 73 32.7 20.9 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 11:11:19-00 AM 89 73 32.6 20.8 20 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate M 7 11:12:00 AM 89 73 32.6 20.9 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate M 7 11:12:00 AM 89 73 32.6 20.9 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate M 7 11:12:00 AM 89 73 32.6 20.9 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 89 74 32.6 20.9 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 89 73 32.7 20.9 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 89 73 32.7 20.9 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 89 73 32.7 20.9 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1 11:03:00 AM 89 73 32.7 20.9 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1 11:03:00 AM 89 73 32.7 20.9 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1 11:03:00 AM 89 73 32.7 20.9 20 22 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1 11:03:00 AM 89 74 33.6 20.9 20 20 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1:04:00 AM 83 74 33.6 20.9 20 20 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 84 74 33.6 20.9 20 20 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 84 74 33.6 20.9 20 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 84 74 33.6 20.9 20 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1:05:00 AM 84 74 33.6 20.9 20.0 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 84 74 33.6 20.9 20.0 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1:05:00 AM 84 74 33.6 20.9 20.0 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1:05:00 AM 83 74 33.9 20.0 20.0 21 25 40.1 40.00 NRS 7/2/2024 Mid-flood Cloudy Moderate S 1 1:05:00 AM 8	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:48:00 AM	8.6	7.2	33.4	20.9	2.0	2.5	<0.1	<0.01
NFI 7/Z024 Mid-flood Cloudy Moderate S 1 11:11:00 AM 89 73 32.7 209 22 25 4.01 3.01 1.01 1.01 1.01 1.01 1.01 1.01 1	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:49:00 AM	8.5	7.2	33.4	21.0	2.3	2.5	<0.1	<0.01
NF1	WSR37	7/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:49:00 AM	8.6	7.2	33.5	21.0	2.3	2.5	<0.1	<0.01
NF1         7/2/2024         Mid-flood         Cloudy         Moderate         M         7         11:12:00 AM         9.0         7.3         32.7         20.9         2.2         2.5         -0.1         -0.00           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         M         7         11:12:00 AM         8.9         7.4         32.6         20.9         2.1         2.5         -0.1         -0.00           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         B         13         11:13:00 AM         8.9         7.3         32.7         20.9         2.1         2.5         -0.1         -0.00           NF1         7/2/2024         Mid-flood         Cloudy         Moderate         B         13         11:13:00 AM         8.9         7.3         32.7         20.9         2.2         2.5         -0.1         -0.00           NF2         7/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:03:00 AM         8.4         7.4         33.6         21.0         2.1         2.5         -0.1         -0.01           NF2         7/2/2024         Mid-flood         Cloudy         Moderate	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	8.9	7.3	32.7	20.9	2.2	2.5	<0.1	<0.01
NF1 7/2/2024 Mid-flood Cloudy Moderate M 7 11:12:00 AM 8.9 7.4 32.6 20.9 2.1 2.5 -0.1 -0.0	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	8.9	7.3	32.6	20.8	2.0	2.5	<0.1	<0.01
NF1 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 8.9 7.3 32.7 20.9 2.1 2.5 <0.1 <0.01	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	М	7	11:12:00 AM	9.0	7.3	32.7	20.9	2.2	2.5	<0.1	<0.01
NF1 7/2/2024 Mid-flood Cloudy Moderate B 13 11:13:00 AM 8.9 7.3 32.7 20.9 2.2 2.5 <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 <0.	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	M	7	11:12:00 AM	8.9	7.4	32.6	20.9	2.1	2.5	<0.1	<0.01
NF2	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	В	13	11:13:00 AM	8.9	7.3	32.7	20.9	2.1	2.5	<0.1	<0.01
NF2 7/2/2024 Mid-flood Cloudy Moderate S 1 1:03:00 AM 8.3 7.4 33.5 21.0 2.1 2.5 <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 <0.01	NF1	7/2/2024	Mid-flood	Cloudy	Moderate	В	13	11:13:00 AM	8.9	7.3	32.7	20.9	2.2	2.5	<0.1	<0.01
NF2 7/2/2024 Mid-flood Cloudy Moderate M 5 11:04:00 AM 8.3 7.3 33.6 21.0 2.0 2.5 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:03:00 AM	8.4	7.4	33.6	20.9	2.0	2.5	<0.1	<0.01
NF2 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 8.4 7.4 33.6 20.9 2.0 2.5 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:03:00 AM	8.3	7.4	33.5	21.0	2.1	2.5	<0.1	<0.01
NF2 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 8.4 7.4 33.5 20.9 2.1 2.5 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	М	5	11:04:00 AM	8.3	7.3	33.6	21.0	2.0	2.5	<0.1	<0.01
NF2 7/2/2024 Mid-flood Cloudy Moderate B 9 11:05:00 AM 8.3 7.4 33.6 21.0 2.1 2.5 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	М	5	11:04:00 AM	8.4	7.4	33.6	20.9	2.0	2.5	<0.1	<0.01
NF3 7/2/2024 Mid-flood Cloudy Moderate S 1 10:56:00 AM 8.3 7.4 33.9 20.7 1.8 2.5 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:05:00 AM	8.4	7.4	33.5	20.9	2.1	2.5	<0.1	<0.01
NF3 7/2/2024 Mid-flood Cloudy Moderate S 1 10:56:00 AM 8.3 7.3 33.8 20.8 1.8 3.0 <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 <0.0	NF2	7/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:05:00 AM	8.3	7.4	33.6	21.0	2.1	2.5	<0.1	<0.01
NF3 7/2/2024 Mid-flood Cloudy Moderate M 6 10:57:00 AM 8.3 7.3 33.9 20.8 1.9 2.5 <0.1 <0.01	NF3	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:56:00 AM	8.3	7.4	33.9	20.7	1.8	2.5	<0.1	<0.01
	NF3	7/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:56:00 AM	8.3	7.3	33.8	20.8	1.8	3.0	<0.1	<0.01
NF3 7/2/2024 Mid-flood Cloudy Moderate M 6 10:57:00 AM 8.3 7.3 33.9 20.8 1.9 2.5 <0.1 <0.01	NF3	7/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:57:00 AM	8.3	7.3	33.9	20.8	1.9	2.5	<0.1	<0.01
	NF3	7/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:57:00 AM	8.3	7.3	33.9	20.8	1.9	2.5	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
NF3	7/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:58:00 AM	8.3	7.4	33.9	20.8	1.8	2.5	<0.1	<0.01
NF3	7/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:58:00 AM	8.3	7.3	33.8	20.8	1.9	2.5	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:21:00 AM	8.3	7.3	32.6	21.4	2.6	2.5	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:21:00 AM	8.3	7.3	32.6	21.4	2.6	2.5	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	М	11	8:22:00 AM	8.3	7.2	32.6	21.5	2.7	2.5	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	М	11	8:22:00 AM	8.3	7.3	32.6	21.5	2.7	3.0	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	В	21	8:23:00 AM	8.2	7.3	32.6	21.5	2.5	3.0	<0.1	<0.01
CE	9/2/2024	Mid-flood	Cloudy	Moderate	В	21	8:23:00 AM	8.3	7.3	32.7	21.5	2.5	4.0	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:02:00 AM	7.9	7.2	33.6	21.5	2.4	2.5	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:02:00 AM	7.9	7.1	33.6	21.4	2.3	2.5	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	М	10	11:03:00 AM	8.0	7.2	33.6	21.4	2.3	2.5	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	М	10	11:03:00 AM	8.0	7.2	33.5	21.4	2.2	2.5	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	В	20	11:04:00 AM	8.0	7.1	33.6	21.4	2.3	3.0	<0.1	<0.01
CF	9/2/2024	Mid-flood	Cloudy	Moderate	В	20	11:04:00 AM	7.9	7.2	33.6	21.5	2.3	3.0	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:38:00 AM	8.6	7.2	32.7	21.6	1.9	2.5	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:38:00 AM	8.6	7.2	32.8	21.5	1.9	2.5	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:39:00 AM	8.6	7.1	32.8	21.6	1.9	2.5	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:39:00 AM	8.7	7.2	32.8	21.5	1.9	3.0	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:40:00 AM	8.6	7.2	32.7	21.5	1.9	2.5	<0.1	<0.01
WSR01	9/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:40:00 AM	8.6	7.1	32.7	21.5	2.0	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:17:00 AM	8.4	7.3	33.0	21.5	1.4	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:17:00 AM	8.4	7.3	33.1	21.5	1.3	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:18:00 AM	8.4	7.3	33.0	21.5	1.4	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:18:00 AM	8.4	7.3	33.1	21.4	1.4	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:19:00 AM	8.4	7.2	33.0	21.5	1.4	2.5	<0.1	<0.01
WSR02	9/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:19:00 AM	8.4	7.3	33.0	21.5	1.4	2.5	<0.1	<0.01
WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:00:00 AM	8.9	7.3	33.9	21.6	2.0	2.5	<0.1	<0.01
WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:00:00 AM	8.9	7.2	33.9	21.6	2.0	2.5	<0.1	<0.01
WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:01:00 AM	8.9	7.3	33.9	21.6	2.0	2.5	<0.1	<0.01
WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:01:00 AM	8.8	7.3	33.9	21.6	2.0	2.5	<0.1	<0.01
WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:02:00 AM	8.8	7.3	33.9	21.6	2.0	2.5	<0.1	<0.01

Wilson   W	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR04   9//2024   Mad-flood   Cloudy   Moderate   S   1   9-55-00 AM   B3   7-2   31.1   21.3   21.1   2.5   -0.1	WSR03	9/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:02:00 AM	8.8	7.3	33.8	21.6	2.0	2.5	<0.1	<0.01
WSBM   9/7/2024   Mid-floed   Cloudy   Moderate   N   3   9-56-09 AM   8.3   7.1   33.1   21.4   22   2.5   -0.11	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:55:00 AM	8.4	7.2	33.1	21.4	2.1	3.0	<0.1	<0.01
Wisked   Yel/20024   Mid-Bood   Cloudy   Moderate   M   3   9.56-00 AM   83   7.1   33.1   21.3   2.1   2.5   -d.1	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:55:00 AM	8.3	7.2	33.1	21.3	2.1	2.5	<0.1	<0.01
WSR04   9/2/2024   Md-flood   Cloudy   Moderate   B   6   9-57-00 AM   8-3   7-2   33.1   21.3   21.1   2.5   -0.1	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	М	3	9:56:00 AM	8.3	7.1	33.1	21.4	2.2	2.5	<0.1	<0.01
WSR16   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   9.57.00 AM   8.4   7.1   33.1   21.3   2.1   2.5   <0.1	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	М	3	9:56:00 AM	8.3	7.1	33.1	21.3	2.1	2.5	<0.1	<0.01
WSR16   9/2/2024   Md-flood   Cloudy   Moderate   S   1   8-44-00 AM   8-7   7-2   33.4   21.3   1-9   2.5   -0.1	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:57:00 AM	8.3	7.2	33.1	21.3	2.1	2.5	<0.1	<0.01
WSR16   9/2/2024   Mid-Bood   Cloudy   Moderate   S   1   844-90 AM   8.6   7.3   33.5   21.3   1.9   2.5   -0.1	WSR04	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:57:00 AM	8.4	7.1	33.1	21.3	2.1	2.5	<0.1	<0.01
WSR16   9/2/2024   Mid-flood   Cloudy   Moderate   M   8   845:00 AM   8.6   7.2   33.5   21.3   1.9   2.5   <0.1	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:44:00 AM	8.7	7.2	33.4	21.3	1.9	2.5	<0.1	<0.01
WSR16         9/2/2024         Mid-flood         Cloudy         Moderate         M         8         8.4500 AM         8.6         7.2         33.5         21.3         1.9         2.5         <0.1           WSR16         9/2/2024         Mid-flood         Cloudy         Moderate         B         16         8.4600 AM         8.7         7.2         33.5         21.2         1.9         3.0         <0.1           WSR36         9/2/2024         Mid-flood         Cloudy         Moderate         S         1         9.4900 AM         8.6         7.2         33.4         21.2         1.9         2.5         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         S         1         9.4900 AM         9.0         7.2         33.8         21.4         2.2         3.0         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         M         4         95000 AM         9.1         7.1         33.8         21.4         2.2         2.5         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         B         6         955000 AM         9.1         7.1	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:44:00 AM	8.6	7.3	33.5	21.3	1.9	2.5	<0.1	<0.01
WSR16         9/2/2024         Mid-flood         Cloudy         Moderate         B         16         8-46-00 AM         8.7         7.2         33.5         21.2         1.9         3.0         <0.1           WSR16         9/2/2024         Mid-flood         Cloudy         Moderate         B         16         8-46-00 AM         8.6         7.2         33.4         21.2         1.9         2.5         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         S         1         9-49-00 AM         9.0         7.2         33.8         21.4         2.2         3.0         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         M         4         9-50-00 AM         9.1         7.2         33.8         21.4         2.2         3.0         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         M         4         9-50-00 AM         9.1         7.2         33.8         21.4         2.2         2.5         <0.1           WSR33         9/2/2024         Mid-flood         Cloudy         Moderate         B         6         9-51-00 AM         9.0         7.1	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	М	8	8:45:00 AM	8.6	7.2	33.5	21.3	1.9	3.0	<0.1	<0.01
WSR16   9/2/2024   Mid-flood   Cloudy   Moderate   B   16   846.00 AM   8.6   7.2   33.4   21.2   1.9   2.5   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   949.00 AM   8.9   7.1   33.8   21.4   2.3   2.5   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   949.00 AM   9.0   7.2   33.8   21.4   2.2   3.0   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   M   4   95.00 AM   9.1   7.1   33.8   21.4   2.2   2.5   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   95.100 AM   9.0   7.1   33.8   21.4   2.2   2.5   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   95.100 AM   9.0   7.1   33.8   21.4   2.2   2.5   cl.1     WSR33   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   95.100 AM   9.0   7.1   33.8   21.4   2.2   3.0   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   933.00 AM   9.1   7.4   33.7   21.4   2.1   2.5   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   933.00 AM   9.1   7.4   33.8   21.4   2.2   3.0   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   933.00 AM   9.1   7.4   33.8   21.4   2.2   3.0   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   M   4   934.00 AM   9.0   7.4   33.8   21.4   2.2   3.0   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   M   4   934.00 AM   9.0   7.4   33.8   21.4   2.2   2.5   cl.1     WSR36   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   934.00 AM   9.0   7.4   33.8   21.4   2.2   2.5   cl.1     WSR37   9/2/2024   Mid-flood   Cloudy   Moderate   B   6   934.00 AM   9.0   7.1   33.4   21.6   1.8   3.0   cl.1     WSR37   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   927.00 AM   9.0   7.1   33.4   21.6   1.8   3.0   cl.1     WSR37   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   927.00 AM   9.0   7.1   33.4   21.6   1.8   3.0   cl.1     WSR37   9/2/2024   Mid-flood   Cloudy   Moderate   S   1   927.00 AM   9.0   7.1   33.4   21.6   1.8   3.0   cl.1     WSR37   9/2/2024   Mid-flood   Cloudy	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	М	8	8:45:00 AM	8.6	7.2	33.5	21.3	1.9	2.5	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate S 1 949:00 AM 8.9 7.1 33.8 21.4 2.3 2.5 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate S 1 949:00 AM 9.0 7.2 33.8 21.4 2.2 3.0 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 9.50:00 AM 9.1 7.2 33.8 21.4 2.2 2.5 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 9.50:00 AM 9.1 7.1 33.8 21.4 2.2 2.5 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.51:00 AM 9.0 7.1 33.8 21.4 2.2 2.5 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.51:00 AM 9.0 7.1 33.8 21.4 2.2 2.5 <0.1 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.51:00 AM 9.0 7.1 33.8 21.4 2.2 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.933:00 AM 9.1 7.4 33.7 21.4 2.2 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.933:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.34:00 AM 9.2 7.3 33.8 21.4 2.2 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.0 7.4 33.8 21.4 2.2 3.0 <0.1 WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9.28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9.28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	В	16	8:46:00 AM	8.7	7.2	33.5	21.2	1.9	3.0	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate S 1 949-90 AM 9.0 7.2 33.8 21.4 22 3.0 <.01 WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 950-00 AM 9.1 7.2 33.8 21.4 2.2 2.5 <.01 WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 950-00 AM 9.1 7.1 33.8 21.4 2.2 2.5 <.01 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 951-00 AM 9.0 7.1 33.8 21.3 2.2 2.5 <.01 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 951-00 AM 9.0 7.1 33.8 21.3 2.2 2.5 <.01 WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 6 951-00 AM 9.0 7.2 33.8 21.4 2.2 3.0 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33-00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33-00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33-00 AM 9.2 7.3 33.8 21.4 2.2 3.0 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34-00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34-00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.34-00 AM 9.0 7.4 33.8 21.4 2.2 3.0 <.01 WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9.34-00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34-00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34-00 AM 9.0 7.4 33.8 21.4 2.1 2.5 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.32-00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.32-00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.32-00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.32-00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <.01 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9.28-00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <.01	WSR16	9/2/2024	Mid-flood	Cloudy	Moderate	В	16	8:46:00 AM	8.6	7.2	33.4	21.2	1.9	2.5	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 9:50:00 AM 9.1 7.2 33.8 21.4 2.2 2.5 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9:51:00 AM 9.1 7.1 33.8 21.4 2.2 2.5 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9:51:00 AM 9.0 7.1 33.8 21.4 2.2 2.5 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9:51:00 AM 9.0 7.1 33.8 21.4 2.2 3.0 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.1 7.4 33.7 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.3 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:49:00 AM	8.9	7.1	33.8	21.4	2.3	2.5	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate M 4 9:50:00 AM 9.1 7.1 33.8 21.4 22 2.5 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9:51:00 AM 9.0 7.1 33.8 21.4 22 2.5 <0.1  WSR33 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.0 7.2 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.3 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.8 21.3 2.1 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:49:00 AM	9.0	7.2	33.8	21.4	2.2	3.0	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9.51:00 AM 9.0 7.1 33.8 21.3 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33:00 AM 9.1 7.4 33.7 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9.33:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.2 7.3 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9.34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34:00 AM 9.1 7.3 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9.34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9.27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9.28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9.28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:50:00 AM	9.1	7.2	33.8	21.4	2.2	2.5	<0.1	<0.01
WSR33 9/2/2024 Mid-flood Cloudy Moderate B 6 9.51:00 AM 9.0 7.2 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:50:00 AM	9.1	7.1	33.8	21.4	2.2	2.5	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.1 7.4 33.7 21.4 2.1 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:51:00 AM	9.0	7.1	33.8	21.3	2.2	2.5	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 9.2 7.3 33.8 21.4 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 6 9:34:00 AM 9.1 7.3 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR33	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:51:00 AM	9.0	7.2	33.8	21.4	2.2	3.0	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.2 7.4 33.8 21.4 2.2 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:33:00 AM	9.1	7.4	33.7	21.4	2.1	2.5	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate M 4 9:34:00 AM 9.0 7.4 33.8 21.4 2.2 2.5 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:33:00 AM	9.2	7.3	33.8	21.4	2.1	3.0	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.1 7.3 33.8 21.3 2.1 3.0 <0.1  WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:34:00 AM	9.2	7.4	33.8	21.4	2.2	3.0	<0.1	<0.01
WSR36 9/2/2024 Mid-flood Cloudy Moderate B 6 9:34:00 AM 9.0 7.4 33.7 21.4 2.1 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:34:00 AM	9.0	7.4	33.8	21.4	2.2	2.5	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 2.5 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1  WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:34:00 AM	9.1	7.3	33.8	21.3	2.1	3.0	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate S 1 9:27:00 AM 9.0 7.1 33.4 21.6 1.8 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR36	9/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:34:00 AM	9.0	7.4	33.7	21.4	2.1	2.5	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.2 33.4 21.6 1.7 3.0 <0.1 WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:27:00 AM	9.0	7.1	33.4	21.6	1.8	2.5	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate M 4 9:28:00 AM 9.0 7.1 33.4 21.6 1.7 3.0 <0.1	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:27:00 AM	9.0	7.1	33.4	21.6	1.8	3.0	<0.1	<0.01
	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:28:00 AM	9.0	7.2	33.4	21.6	1.7	3.0	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate B 7 9:29:00 AM 9.0 7.1 33.5 21.6 1.8 2.5 <0.1	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:28:00 AM	9.0	7.1	33.4	21.6	1.7	3.0	<0.1	<0.01
	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:29:00 AM	9.0	7.1	33.5	21.6	1.8	2.5	<0.1	<0.01
WSR37 9/2/2024 Mid-flood Cloudy Moderate B 7 9:29:00 AM 9.1 7.2 33.4 21.6 1.7 4.0 <0.1	WSR37	9/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:29:00 AM	9.1	7.2	33.4	21.6	1.7	4.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:38:00 AM	8.0	7.3	33.3	21.3	2.3	2.5	<0.1	<0.01
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:08:00 AM	8.0	7.4	33.3	21.3	2.3	3.0	<0.1	<0.01
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	М	7	9:09:00 AM	8.0	7.4	33.3	21.3	2.3	3.0	<0.1	<0.01
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	М	7	9:09:00 AM	7.9	7.4	33.3	21.4	2.2	4.0	<0.1	<0.01
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	В	13	9:10:00 AM	8.0	7.4	33.3	21.3	2.3	2.5	<0.1	<0.01
NF1	9/2/2024	Mid-flood	Cloudy	Moderate	В	13	9:10:00 AM	8.0	7.4	33.3	21.3	2.3	2.5	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:12:00 AM	8.2	7.2	33.6	21.4	2.1	3.0	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:12:00 AM	8.3	7.1	33.7	21.4	2.2	2.5	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:12:00 AM	8.4	7.1	33.7	21.4	2.1	3.0	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:13:00 AM	8.4	7.1	33.6	21.5	2.2	3.0	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	В	10	9:14:00 AM	8.3	7.1	33.7	21.4	2.1	4.0	<0.1	<0.01
NF2	9/2/2024	Mid-flood	Cloudy	Moderate	В	10	9:14:00 AM	8.3	7.1	33.7	21.4	2.1	3.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:20:00 AM	8.1	7.2	32.6	21.6	2.0	3.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:21:00 AM	8.1	7.2	32.6	21.6	1.9	3.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	М	6	9:21:00 AM	8.1	7.1	32.7	21.7	2.0	4.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	М	6	9:21:00 AM	8.1	7.1	32.6	21.7	2.0	4.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	В	11	9:22:00 AM	8.1	7.2	32.6	21.7	1.9	3.0	<0.1	<0.01
NF3	9/2/2024	Mid-flood	Cloudy	Moderate	В	11	9:22:00 AM	8.1	7.2	32.6	21.7	1.9	3.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:29:00 AM	8.7	7.7	33.2	21.8	2.5	3.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:29:00 AM	8.8	7.7	33.2	21.7	2.5	3.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	М	12	8:30:00 AM	8.8	7.8	33.2	21.7	2.5	4.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	М	12	8:30:00 AM	8.8	7.7	33.3	21.8	2.5	3.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	В	23	8:31:00 AM	8.8	7.7	33.2	21.8	2.5	3.0	<0.1	<0.01
CE	12/2/2024	Mid-flood	Cloudy	Moderate	В	23	8:31:00 AM	8.8	7.7	33.3	21.8	2.5	4.0	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:43:00 AM	7.9	7.8	32.8	21.6	2.1	4.0	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:43:00 AM	7.9	7.8	32.8	21.6	2.2	2.5	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	М	10	11:44:00 AM	7.9	7.8	32.8	21.6	2.1	3.0	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	М	10	11:44:00 AM	8.0	7.8	32.9	21.6	2.2	3.0	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	В	19	11:45:00 AM	7.9	7.8	32.9	21.6	2.2	9.0	<0.1	<0.01
CF	12/2/2024	Mid-flood	Cloudy	Moderate	В	19	11:45:00 AM	8.0	7.7	32.9	21.6	2.1	8.0	<0.1	<0.01
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:18:00 AM	8.7	7.8	32.9	21.5	2.3	10.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:18:00 AM	8.7	7.8	32.9	21.6	2.1	8.0	<0.1	<0.01
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	11:19:00 AM	8.7	7.9	32.9	21.6	2.1	10.0	<0.1	<0.01
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	11:19:00 AM	8.7	7.8	32.9	21.6	2.2	8.0	<0.1	<0.01
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	В	8	11:20:00 AM	8.6	7.8	32.8	21.5	2.1	4.0	<0.1	<0.01
WSR01	12/2/2024	Mid-flood	Cloudy	Moderate	В	8	11:20:00 AM	8.7	7.8	32.9	21.5	2.2	2.5	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:57:00 AM	8.9	7.8	32.6	21.6	2.2	3.0	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:57:00 AM	8.9	7.8	32.5	21.6	2.3	2.5	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:58:00 AM	8.9	7.8	32.5	21.6	2.3	3.0	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:58:00 AM	8.9	7.8	32.5	21.6	2.2	3.0	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:59:00 AM	8.9	7.7	32.5	21.6	2.2	3.0	<0.1	<0.01
WSR02	12/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:59:00 AM	8.9	7.8	32.5	21.7	2.2	3.0	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:40:00 AM	9.0	7.6	33.7	21.9	2.2	2.5	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:40:00 AM	9.1	7.6	33.7	21.9	2.2	3.0	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:41:00 AM	9.1	7.6	33.7	21.9	2.3	4.0	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:41:00 AM	9.0	7.6	33.6	21.9	2.2	2.5	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:42:00 AM	9.0	7.7	33.8	21.8	2.1	2.5	<0.1	<0.01
WSR03	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:42:00 AM	9.0	7.7	33.7	21.8	2.2	3.0	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	8.4	7.7	33.5	21.8	2.1	2.5	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	8.4	7.8	33.5	21.8	2.1	2.5	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:26:00 AM	8.4	7.8	33.5	21.9	2.1	2.5	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	М	3	10:26:00 AM	8.3	7.8	33.5	21.8	2.1	3.0	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	В	6	10:27:00 AM	8.4	7.7	33.5	21.8	2.1	2.5	<0.1	<0.01
WSR04	12/2/2024	Mid-flood	Cloudy	Moderate	В	6	10:27:00 AM	8.4	7.8	33.5	21.9	2.1	2.5	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:52:00 AM	8.1	7.8	33.4	21.9	2.1	2.5	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:52:00 AM	8.1	7.8	33.4	21.8	2.0	2.5	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	М	8	8:53:00 AM	8.1	7.8	33.4	21.8	2.1	2.5	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	М	8	8:53:00 AM	8.1	7.8	33.3	21.9	2.1	3.0	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	В	16	8:54:00 AM	8.1	7.8	33.4	21.9	2.1	3.0	<0.1	<0.01
WSR16	12/2/2024	Mid-flood	Cloudy	Moderate	В	16	8:54:00 AM	8.1	7.8	33.4	21.8	2.0	3.0	<0.1	<0.01
WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:09:00 AM	8.2	7.5	33.0	21.5	2.2	3.0	<0.1	<0.01
WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:09:00 AM	8.2	7.6	33.1	21.4	2.3	3.0	<0.1	<0.01

WSR33   17/2/2004   Mid-flood   Candy   Moderate   M   4   101000 AM   8.2   7.6   38.1   21.5   2.3   3.0   -dil	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
WSR33   12/2/2024   Mid-flood   Cloudy   Moderate   B   7   10:11:00 AM   B.2   7.6   33.1   21.5   2.3   4.0   40.1	WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:10:00 AM	8.2	7.6	33.1	21.5	2.3	3.0	<0.1	<0.01
WSR33   12/7/2024   Mid-flood   Cloudy   Moderate   8   7   1011.00 AM   8.2   7.5   33.1   21.4   2.2   3.0   <0.1	WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:10:00 AM	8.2	7.5	33.0	21.5	2.2	2.5	<0.1	<0.01
WSR36   12/1/2024   Mid-Bood   Cloudy   Moderate   S   1   953-00 AM   85   78   331   219   22   40   -6.1	WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:11:00 AM	8.2	7.6	33.1	21.5	2.3	4.0	<0.1	<0.01
WSR36   12/1/2014   Mid-flood   Cloudy   Moderate   S   1   9.53.00 AM   8.6   7.9   33.1   21.8   22   3.0   <0.1	WSR33	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:11:00 AM	8.2	7.5	33.1	21.4	2.2	3.0	<0.1	<0.01
WSR36 12/2/2024 Mid-flood Cloudy Moderate M 4 9.54-00 AM 8.6 7.8 33.0 21.9 2.2 3.0 -0.1  WSR36 12/2/2024 Mid-flood Cloudy Moderate B 7 9.54-00 AM 8.5 7.9 33.1 21.8 2.2 2.5 -0.1  WSR36 12/2/2024 Mid-flood Cloudy Moderate B 7 9.54-00 AM 8.6 7.9 33.1 21.8 2.2 2.5 -0.1  WSR36 12/2/2024 Mid-flood Cloudy Moderate B 7 9.54-00 AM 8.5 7.8 33.1 21.9 23 2.5 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 9.47-00 AM 8.4 7.7 32.5 21.7 2.2 4.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 9.47-00 AM 8.4 7.7 32.5 21.7 2.3 2.5 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9.48-00 AM 8.3 7.7 32.5 21.8 2.3 3.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9.48-00 AM 8.4 7.7 32.4 21.7 2.1 3.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.7 32.5 21.7 2.4 4.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.7 32.5 21.7 2.4 4.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.7 32.5 21.7 2.4 4.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.7 32.5 21.8 2.3 7.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.6 3.25 21.8 2.3 7.0 -0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.4 7.6 3.25 21.8 2.3 7.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 7 9.49-00 AM 8.7 7.7 32.7 21.9 2.1 3.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 1 9.15-00 AM 8.7 7.7 32.7 21.8 2.1 3.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9.15-00 AM 8.7 7.7 32.7 21.8 2.1 3.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.1 3.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.1 3.0 -0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.4 2.5 -0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.4 2.5 -0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.4 2.5 -0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 13 9.17-00 AM 8.7 7.7 32.7 21.8 2.4 2.5 -0.1  NF2 12/2/20	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:53:00 AM	8.5	7.8	33.1	21.9	2.2	4.0	<0.1	<0.01
WSR36   12/2/2024   Mid-flood   Cloudy   Moderate   B   7   954-00 AM   8.5   7.9   33.1   21.8   2.2   2.5   <0.1	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:53:00 AM	8.6	7.9	33.1	21.8	2.2	3.0	<0.1	<0.01
WSR36 12/7/2024 Mid-flood Cloudy Moderate B 7 9-54-00 AM 8.6 7.9 33.1 21.9 2.3 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9-54-00 AM 8.5 7.8 33.1 21.8 2.2 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 9-47-00 AM 8.4 7.7 32.5 21.7 2.2 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 9-47-00 AM 8.4 7.7 32.4 21.7 2.3 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9-48-00 AM 8.3 7.7 32.5 21.8 2.3 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9-48-00 AM 8.4 7.7 32.4 21.7 2.1 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9-49-00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9-49-00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9-49-00 AM 8.4 7.6 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9-49-00 AM 8.4 7.6 32.5 21.8 2.3 7.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9-15-00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9-15-00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9-15-00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 7 9-16-00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9-15-00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9-17-00 AM 8.6 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9-17-00 AM 8.6 7.7 32.7 21.8 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9-32-00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9-32-00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9-33-00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9-33-00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9-33-00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:54:00 AM	8.6	7.8	33.0	21.9	2.2	3.0	<0.1	<0.01
WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:54:00 AM 8.5 7.8 33.1 21.8 2.2 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 947:00 AM 8.4 7.7 32.5 21.7 2.2 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 947:00 AM 8.4 7.7 32.5 21.7 2.3 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9:48:00 AM 8.3 7.7 32.5 21.8 2.3 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 9:48:00 AM 8.4 7.7 32.4 21.7 2.1 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:49:00 AM 8.4 7.7 32.4 21.7 2.1 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:49:00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:49:00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:49:00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:33:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:54:00 AM	8.5	7.9	33.1	21.8	2.2	2.5	<0.1	<0.01
WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 947,00 AM 8.4 7.7 32.5 21.7 2.2 4.0 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 947,00 AM 8.4 7.7 32.4 21.7 2.3 2.5 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 948,00 AM 8.3 7.7 32.5 21.8 2.3 3.0 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 948,00 AM 8.4 7.7 32.4 21.7 2.1 3.0 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949,00 AM 8.4 7.7 32.5 21.8 2.3 7.0 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949,00 AM 8.4 7.7 32.5 21.8 2.3 7.0 •0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949,00 AM 8.4 7.6 32.5 21.8 2.3 7.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915,00 AM 8.7 7.8 32.7 21.9 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915,00 AM 8.7 7.8 32.7 21.9 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 916,00 AM 8.6 7.7 32.6 21.9 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 916,00 AM 8.6 7.7 32.6 21.9 2.3 2.5 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91,500 AM 8.7 7.7 32.7 21.8 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91,500 AM 8.6 7.7 32.7 21.8 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91,500 AM 8.6 7.7 32.7 21.8 2.1 3.0 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91,700 AM 8.6 7.7 32.7 21.8 2.4 2.5 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91,700 AM 8.7 7.7 32.7 21.8 2.4 2.5 •0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 93,200 AM 8.3 7.8 33.3 21.9 1.5 2.5 •0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 93,200 AM 8.3 7.8 33.4 21.9 1.5 2.5 •0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93,300 AM 8.4 7.7 33.4 21.9 1.5 2.5 •0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93,300 AM 8.4 7.7 33.4 21.9 1.5 2.5 •0.1	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:54:00 AM	8.6	7.9	33.1	21.9	2.3	2.5	<0.1	<0.01
WSR37 12/2/2024 Mid-flood Cloudy Moderate S 1 947:00 AM 84 7.7 324 217 23 2.5 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 948:00 AM 83 7.7 32.5 21.8 2.3 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 948:00 AM 84 7.7 32.4 21.7 2.1 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949:00 AM 84 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949:00 AM 84 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949:00 AM 84 7.6 32.5 21.8 2.3 7.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915:00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915:00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 91:6:00 AM 8.6 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 91:6:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:7:00 AM 8.6 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:7:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:7:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 93:2:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 93:2:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:3:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:3:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:3:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:3:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:3:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR36	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:54:00 AM	8.5	7.8	33.1	21.8	2.2	2.5	<0.1	<0.01
WSR37         12/Z/2024         Mid-flood         Cloudy         Moderate         M         4         9:48:00 AM         8.3         7.7         32.5         21.8         2.3         3.0         <0.1           WSR37         12/Z/2024         Mid-flood         Cloudy         Moderate         M         4         9:48:00 AM         8.4         7.7         32.4         21.7         2.1         3.0         <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:47:00 AM	8.4	7.7	32.5	21.7	2.2	4.0	<0.1	<0.01
WSR37 12/2/2024 Mid-flood Cloudy Moderate M 4 948:00 AM 8.4 7.7 32.4 21.7 2.1 3.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949:00 AM 8.4 7.7 32.5 21.7 2.4 4.0 <0.1  WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 949:00 AM 8.4 7.6 32.5 21.8 2.3 7.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915:00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 915:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 91:600 AM 8.6 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 91:600 AM 8.7 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 91:600 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:700 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:700 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:700 AM 8.7 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 91:700 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 93:200 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 93:200 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:200 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:200 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:300 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 93:300 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:47:00 AM	8.4	7.7	32.4	21.7	2.3	2.5	<0.1	<0.01
WSR37         12/2/2024         Mid-flood         Cloudy         Moderate         B         7         9:49:00 AM         8.4         7.7         32.5         21.7         2.4         4.0         <0.1           WSR37         12/2/2024         Mid-flood         Cloudy         Moderate         B         7         9:49:00 AM         8.4         7.6         32.5         21.8         2.3         7.0         <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:48:00 AM	8.3	7.7	32.5	21.8	2.3	3.0	<0.1	<0.01
WSR37 12/2/2024 Mid-flood Cloudy Moderate B 7 9:49:00 AM 8.4 7.6 32.5 21.8 2.3 7.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.6 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.6 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:48:00 AM	8.4	7.7	32.4	21.7	2.1	3.0	<0.1	<0.01
NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.8 32.7 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate S 1 9:15:00 AM 8.7 7.7 32.6 21.9 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.6 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.6 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:49:00 AM	8.4	7.7	32.5	21.7	2.4	4.0	<0.1	<0.01
NF1         12/2/2024         Mid-flood         Cloudy         Moderate         S         1         9:15:00 AM         8.7         7.7         32.6         21.9         2.1         3.0         <0.1           NF1         12/2/2024         Mid-flood         Cloudy         Moderate         M         7         9:16:00 AM         8.6         7.7         32.6         21.9         2.3         2.5         <0.1	WSR37	12/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:49:00 AM	8.4	7.6	32.5	21.8	2.3	7.0	<0.1	<0.01
NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.6 7.7 32.6 21.9 2.3 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:15:00 AM	8.7	7.8	32.7	21.9	2.1	3.0	<0.1	<0.01
NF1 12/2/2024 Mid-flood Cloudy Moderate M 7 9:16:00 AM 8.7 7.7 32.7 21.8 2.1 3.0 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:15:00 AM	8.7	7.7	32.6	21.9	2.1	3.0	<0.1	<0.01
NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.6 7.7 32.7 21.8 2.4 2.5 <0.1  NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:33:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	М	7	9:16:00 AM	8.6	7.7	32.6	21.9	2.3	2.5	<0.1	<0.01
NF1 12/2/2024 Mid-flood Cloudy Moderate B 13 9:17:00 AM 8.7 7.7 32.7 21.8 2.3 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	М	7	9:16:00 AM	8.7	7.7	32.7	21.8	2.1	3.0	<0.1	<0.01
NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.3 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate S 1 9:32:00 AM 8.3 7.8 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	В	13	9:17:00 AM	8.6	7.7	32.7	21.8	2.4	2.5	<0.1	<0.01
NF2         12/2/2024         Mid-flood         Cloudy         Moderate         S         1         9:32:00 AM         8.3         7.8         33.4         21.9         1.5         2.5         <0.1           NF2         12/2/2024         Mid-flood         Cloudy         Moderate         M         5         9:33:00 AM         8.3         7.7         33.4         21.9         1.5         2.5         <0.1	NF1	12/2/2024	Mid-flood	Cloudy	Moderate	В	13	9:17:00 AM	8.7	7.7	32.7	21.8	2.3	2.5	<0.1	<0.01
NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.3 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:32:00 AM	8.3	7.8	33.3	21.9	1.5	2.5	<0.1	<0.01
NF2 12/2/2024 Mid-flood Cloudy Moderate M 5 9:33:00 AM 8.4 7.7 33.4 21.9 1.5 2.5 <0.1  NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:32:00 AM	8.3	7.8	33.4	21.9	1.5	2.5	<0.1	<0.01
NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.5 2.5 <0.1	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:33:00 AM	8.3	7.7	33.4	21.9	1.5	2.5	<0.1	<0.01
	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	М	5	9:33:00 AM	8.4	7.7	33.4	21.9	1.5	2.5	<0.1	<0.01
NF2 12/2/2024 Mid-flood Cloudy Moderate B 9 9:34:00 AM 8.4 7.8 33.4 21.9 1.6 2.5 <0.1	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	В	9	9:34:00 AM	8.4	7.8	33.4	21.9	1.5	2.5	<0.1	<0.01
The same and the s	NF2	12/2/2024	Mid-flood	Cloudy	Moderate	В	9	9:34:00 AM	8.4	7.8	33.4	21.9	1.6	2.5	<0.1	<0.01
NF3 12/2/2024 Mid-flood Cloudy Moderate S 1 9:40:00 AM 8.4 7.8 33.3 21.8 2.3 3.0 <0.1	NF3	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:40:00 AM	8.4	7.8	33.3	21.8	2.3	3.0	<0.1	<0.01
NF3 12/2/2024 Mid-flood Cloudy Moderate S 1 9:40:00 AM 8.4 7.7 33.2 21.8 2.3 4.0 <0.1	NF3	12/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:40:00 AM	8.4	7.7	33.2	21.8	2.3	4.0	<0.1	<0.01
NF3 12/2/2024 Mid-flood Cloudy Moderate M 6 9:41:00 AM 8.4 7.7 33.3 21.7 2.3 3.0 <0.1	NF3	12/2/2024	Mid-flood	Cloudy	Moderate	М	6	9:41:00 AM	8.4	7.7	33.3	21.7	2.3	3.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
NF3	12/2/2024	Mid-flood	Cloudy	Moderate	М	6	9:41:00 AM	8.3	7.7	33.3	21.8	2.3	3.0	<0.1	< 0.01
NF3	12/2/2024	Mid-flood	Cloudy	Moderate	В	11	9:42:00 AM	8.4	7.7	33.3	21.8	2.3	2.5	<0.1	<0.01
NF3	12/2/2024	Mid-flood	Cloudy	Moderate	В	11	9:42:00 AM	8.4	7.7	33.3	21.8	2.3	3.0	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	8.4	7.8	34.0	22.2	2.2	2.5	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	8.3	7.8	33.9	22.2	2.2	2.5	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	М	10	11:39:00 AM	8.4	7.8	34.0	22.1	2.2	2.5	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	М	10	11:39:00 AM	8.5	7.7	34.0	22.2	2.2	2.5	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	В	20	11:40:00 AM	8.4	7.8	33.9	22.2	2.1	2.5	<0.1	<0.01
CE	15/2/2024	Mid-flood	Sunny	Moderate	В	20	11:40:00 AM	8.4	7.8	34.0	22.2	2.1	2.5	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	S	1	8:33:00 AM	8.1	7.9	33.3	22.2	2.5	2.5	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	S	1	8:33:00 AM	8.0	7.8	33.2	22.3	2.5	3.0	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	М	10	8:34:00 AM	8.0	7.9	33.2	22.3	2.5	2.5	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	М	10	8:34:00 AM	8.1	7.9	33.3	22.3	2.5	2.5	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	В	19	8:35:00 AM	8.0	7.8	33.3	22.2	2.5	2.5	<0.1	<0.01
CF	15/2/2024	Mid-flood	Sunny	Moderate	В	19	8:35:00 AM	8.1	7.9	33.2	22.3	2.6	2.5	<0.1	<0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	S	1	8:57:00 AM	8.7	7.7	33.7	22.4	1.9	3.0	<0.1	<0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	S	1	8:57:00 AM	8.7	7.7	33.8	22.5	1.9	2.5	<0.1	<0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	М	4	8:58:00 AM	8.7	7.7	33.8	22.4	1.9	2.5	<0.1	<0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	M	4	8:58:00 AM	8.8	7.7	33.8	22.5	1.9	2.5	<0.1	< 0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	В	7	8:59:00 AM	8.7	7.6	33.7	22.5	1.9	2.5	<0.1	<0.01
WSR01	15/2/2024	Mid-flood	Sunny	Moderate	В	7	8:59:00 AM	8.7	7.6	33.8	22.5	1.9	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	S	1	9:17:00 AM	8.5	7.7	32.8	22.4	1.9	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	S	1	9:17:00 AM	8.5	7.7	32.7	22.3	1.9	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	M	5	9:18:00 AM	8.4	7.6	32.8	22.3	1.9	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	М	5	9:18:00 AM	8.5	7.7	32.8	22.3	1.8	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	В	8	9:19:00 AM	8.5	7.7	32.8	22.4	1.9	2.5	<0.1	<0.01
WSR02	15/2/2024	Mid-flood	Sunny	Moderate	В	8	9:19:00 AM	8.5	7.7	32.8	22.3	1.9	2.5	<0.1	<0.01
WSR03	15/2/2024	Mid-flood	Sunny	Moderate	S	1	9:31:00 AM	8.6	7.7	33.9	22.3	2.0	2.5	<0.1	<0.01
WSR03	15/2/2024	Mid-flood	Sunny	Moderate	S	1	9:31:00 AM	8.6	7.7	33.9	22.3	2.0	2.5	<0.1	<0.01
WSR03	15/2/2024	Mid-flood	Sunny	Moderate	М	4	9:32:00 AM	8.6	7.7	33.9	22.3	2.0	2.5	<0.1	<0.01
WSR03	15/2/2024	Mid-flood	Sunny	Moderate	М	4	9:32:00 AM	8.6	7.7	33.9	22.3	2.0	2.5	<0.1	<0.01

WSR03 15/2/ WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic	id-flood Su	unny Moderate	B B S S M	7 7 1 1	9:33:00 AM 9:33:00 AM 9:47:00 AM 9:47:00 AM	8.6 8.6 8.1	7.8 7.7 7.9	33.9 34.0	22.3 22.3	2.1	2.5 2.5	<0.1 <0.1	<0.01 <0.01
WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR06 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic 2/2024 Mic 2/2024 Mic 2/2024 Mic 2/2024 Mic 2/2024 Mic	id-flood Su id-flood Su id-flood Su id-flood Su id-flood Su id-flood Su	anny Moderate anny Moderate anny Moderate anny Moderate anny Moderate	S S M	1	9:47:00 AM				22.3	2.0	2.5	<0.1	<0.01
WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic 2/2024 Mic 2/2024 Mic 2/2024 Mic	id-flood Su id-flood Su id-flood Su id-flood Su	unny Moderate unny Moderate unny Moderate	S M	1		8.1	7.9						
WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic 2/2024 Mic 2/2024 Mic 2/2024 Mic	id-flood Su id-flood Su id-flood Su	unny Moderate	М		9:47:00 AM			33.9	22.2	1.5	2.5	<0.1	< 0.01
WSR04 15/2/ WSR04 15/2/ WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic 2/2024 Mic 2/2024 Mic	id-flood Su	unny Moderate		4		8.1	7.9	33.8	22.2	1.5	2.5	<0.1	<0.01
WSR04 15/2/ WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic 2/2024 Mic	id-flood Su		М		9:48:00 AM	8.1	7.8	33.8	22.2	1.6	2.5	<0.1	<0.01
WSR04 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic		inny Moderate	IVI	4	9:48:00 AM	8.2	7.8	33.8	22.2	1.6	2.5	<0.1	<0.01
WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	·	id-flood Su		В	7	9:49:00 AM	8.1	7.9	33.9	22.2	1.5	2.5	<0.1	<0.01
WSR16 15/2/ WSR16 15/2/ WSR16 15/2/ WSR16 15/2/	2/2024 Mic	id 1100d 50	inny Moderate	В	7	9:49:00 AM	8.1	7.9	33.7	22.2	1.5	3.0	<0.1	<0.01
WSR16 15/2/ WSR16 15/2/ WSR16 15/2/		id-flood Su	unny Moderate	S	1	11:17:00 AM	8.8	7.8	33.2	22.4	1.6	2.5	<0.1	<0.01
WSR16 15/2/ WSR16 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	11:17:00 AM	8.8	7.8	33.2	22.4	1.6	2.5	<0.1	<0.01
WSR16 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	8	11:18:00 AM	8.8	7.8	33.2	22.4	1.5	2.5	<0.1	<0.01
	2/2024 Mic	id-flood Su	unny Moderate	М	8	11:18:00 AM	8.7	7.6	33.2	22.3	1.5	2.5	<0.1	<0.01
WSR16 15/2/	2/2024 Mic	id-flood Su	unny Moderate	В	14	11:19:00 AM	8.7	7.7	33.1	22.4	1.5	2.5	<0.1	<0.01
	2/2024 Mic	id-flood Su	unny Moderate	В	14	11:19:00 AM	8.7	7.7	33.2	22.4	1.5	3.0	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:04:00 AM	7.9	7.9	33.5	22.2	1.5	2.5	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:04:00 AM	7.8	7.8	33.6	22.1	1.5	2.5	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	4	10:05:00 AM	7.9	7.9	33.6	22.2	1.5	2.5	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	4	10:05:00 AM	7.9	7.8	33.6	22.2	1.6	3.0	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	В	7	10:06:00 AM	7.9	7.8	33.5	22.2	1.5	2.5	<0.1	<0.01
WSR33 15/2/	2/2024 Mic	id-flood Su	unny Moderate	В	7	10:06:00 AM	7.8	7.9	33.6	22.2	1.5	3.0	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:21:00 AM	7.9	7.6	33.5	22.1	2.3	2.5	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:21:00 AM	7.8	7.7	33.6	22.1	2.3	2.5	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	4	10:22:00 AM	7.8	7.6	33.6	22.1	2.3	2.5	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	4	10:22:00 AM	7.8	7.7	33.6	22.1	2.3	2.5	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	В	7	10:22:00 AM	7.8	7.6	33.6	22.1	2.2	3.0	<0.1	<0.01
WSR36 15/2/	2/2024 Mic	id-flood Su	unny Moderate	В	7	10:22:00 AM	7.8	7.6	33.6	22.1	2.3	2.5	<0.1	<0.01
WSR37 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:38:00 AM	7.9	7.8	33.8	22.2	2.1	2.5	<0.1	<0.01
WSR37 15/2/	2/2024 Mic	id-flood Su	unny Moderate	S	1	10:38:00 AM	8.0	7.8	33.6	22.2	2.1	3.0	<0.1	<0.01
WSR37 15/2/	2/2024 Mic	id-flood Su	unny Moderate	М	4	10:39:00 AM	7.9	7.8	33.7	22.2	2.1	3.0	<0.1	<0.01
WSR37 15/2/		id-flood Su	ınny Moderate	М	4	10:39:00 AM	7.9	7.9	33.7	22.2	2.1	4.0	<0.1	-0.01
WSR37 15/2/		ia 1100a - 50	. ,	."1		10.07.007114	7.7		55	44.4	4.1	-1.0	V0.1	< 0.01

NF1	15/2/2024	Mid-flood Mid-flood	Sunny	Moderate	В										
NF1	15/2/2024	Mid-flood			ь	7	10:40:00 AM	8.0	7.9	33.7	22.1	2.1	3.0	<0.1	<0.01
			Sunny	Moderate	S	1	11:02:00 AM	7.9	7.7	34.2	22.4	2.1	2.5	<0.1	<0.01
NF1		Mid-flood	Sunny	Moderate	S	1	11:02:00 AM	7.9	7.8	34.2	22.5	2.1	2.5	<0.1	<0.01
	15/2/2024	Mid-flood	Sunny	Moderate	М	7	11:03:00 AM	7.9	7.8	34.2	22.5	2.2	2.5	<0.1	<0.01
NF1	15/2/2024	Mid-flood	Sunny	Moderate	М	7	11:03:00 AM	7.9	7.8	34.2	22.5	2.1	2.5	<0.1	<0.01
NF1	15/2/2024	Mid-flood	Sunny	Moderate	В	13	11:04:00 AM	7.9	7.7	34.2	22.4	2.1	2.5	<0.1	<0.01
NF1	15/2/2024	Mid-flood	Sunny	Moderate	В	13	11:04:00 AM	7.9	7.8	34.2	22.4	2.2	2.5	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	S	1	10:54:00 AM	7.8	7.8	33.5	22.1	1.8	2.5	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	S	1	10:54:00 AM	7.7	7.8	33.5	22.2	1.8	3.0	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	М	5	10:55:00 AM	7.8	7.8	33.6	22.2	1.8	2.5	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	М	5	10:55:00 AM	7.8	7.8	33.5	22.2	1.8	2.5	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	В	10	10:56:00 AM	7.7	7.8	33.6	22.1	1.9	3.0	<0.1	<0.01
NF2	15/2/2024	Mid-flood	Sunny	Moderate	В	10	10:56:00 AM	7.7	7.8	33.5	22.2	1.8	2.5	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	S	1	10:47:00 AM	7.6	7.8	33.4	22.4	2.3	3.0	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	S	1	10:47:00 AM	7.6	7.8	33.3	22.5	2.4	3.0	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	М	6	10:48:00 AM	7.6	7.9	33.3	22.5	2.3	2.5	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	М	6	10:48:00 AM	7.5	7.8	33.3	22.4	2.3	2.5	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	В	11	10:49:00 AM	7.5	7.8	33.3	22.4	2.4	2.5	<0.1	<0.01
NF3	15/2/2024	Mid-flood	Sunny	Moderate	В	11	10:49:00 AM	7.5	7.8	33.4	22.5	2.3	3.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:55:00 PM	7.7	7.9	33.5	22.0	2.3	3.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:55:00 PM	7.7	7.9	33.5	22.0	2.3	5.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	М	10	12:56:00 PM	7.8	7.8	33.5	21.9	2.3	4.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	М	10	12:56:00 PM	7.8	7.9	33.6	22.0	2.4	5.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	В	20	12:57:00 PM	7.7	7.9	33.6	21.9	2.3	3.0	<0.1	<0.01
CE	17/2/2024	Mid-flood	Sunny	Moderate	В	20	12:57:00 PM	7.8	7.8	33.6	22.0	2.3	4.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	S	1	9:50:00 AM	8.5	7.8	33.3	22.1	2.8	4.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	S	1	9:50:00 AM	8.6	7.8	33.3	22.2	2.7	4.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	М	10	9:51:00 AM	8.6	7.8	33.3	22.2	2.8	4.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	М	10	9:51:00 AM	8.5	7.8	33.3	22.2	2.7	3.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	В	19	9:52:00 AM	8.5	7.9	33.2	22.2	2.8	5.0	<0.1	<0.01
CF	17/2/2024	Mid-flood	Sunny	Moderate	В	19	9:52:00 AM	8.6	7.9	33.2	22.2	2.7	4.0	<0.1	<0.01

Winding         17/2004         Miles         Sample         Medical         S         1         9140000         8         2         1         91400000         8         2         1         914000000         8         2         1         91400000000         8         2         1         1         1         2         1	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
NYMICAL PROPERTY OF THE	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:14:00 AM	8.7	7.7	33.2	22.1	1.9	4.0	<0.1	<0.01
No.	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:14:00 AM	8.6	7.6	33.3	22.1	1.9	4.0	<0.1	< 0.01
WATER         17/100         Medical Sumple         Age of Medical Sumple         1         10 Inclined Manage         1         10 Inclined Manage         2         1         2         1         2         1         2         2         1	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	М	5	10:15:00 AM	8.7	7.7	33.3	22.1	2.0	3.0	<0.1	<0.01
WATER         17/100         Basel on State of State	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	М	5	10:15:00 AM	8.7	7.7	33.2	22.2	2.0	3.0	<0.1	<0.01
W800         17/27/28         Medical         Summer         Moderate         1         13/30 M         78         34         23         12         13/30 M         78         78         34         22         12         13         13/30 M         79         79         33         22         20         20         25         61         20         20         20         25         61         20         20         20         25         61         20         20         20         25         61         20         20         20         25         61         20 <td>WSR01</td> <td>17/2/2024</td> <td>Mid-flood</td> <td>Sunny</td> <td>Moderate</td> <td>В</td> <td>8</td> <td>10:16:00 AM</td> <td>8.7</td> <td>7.7</td> <td>33.2</td> <td>22.2</td> <td>1.9</td> <td>6.0</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	В	8	10:16:00 AM	8.7	7.7	33.2	22.2	1.9	6.0	<0.1	<0.01
No.	WSR01	17/2/2024	Mid-flood	Sunny	Moderate	В	8	10:16:00 AM	8.6	7.7	33.2	22.1	1.9	4.0	<0.1	<0.01
No.	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:33:00 AM	7.8	7.8	33.4	22.0	1.9	3.0	<0.1	<0.01
W. M. C.   17/2/202   Mid-flood   Sumy   Moderate   M   S   10.34-00 AM   7-9   7-8   3.3   3.2   2.0   1.9   4.0   4.	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:33:00 AM	7.9	7.9	33.4	22.0	2.0	4.0	<0.1	<0.01
WSR02         17/2/2024         Med-flood         Samely         Moderate         B         9         10.350 AM         7.8         7.9         33.3         22.0         1.9         4.0         -0.1         -0.01           WSR02         17/2/2024         Med-flood         Sumply         Moderate         B         9         10.350 AM         7.9         3.3         22.0         2.0         3.0         -0.1         -0.01           WSR03         17/2/2024         Med-flood         Sumply         Moderate         S         1         10.4990 AM         8.5         8.0         33.6         22.0         23         3.0         -0.1         -0.01           WSR03         17/2/2024         Med-flood         Sumply         Moderate         S         1         10.4990 AM         8.5         8.0         33.6         22.0         23         23         0.1         -0.1         -0.01           WSR03         17/2/2024         Med-flood         Sumply         Moderate         B         7         0.15100AM         8.5         7.9         33.6         22.0         2.1         3.0         -0.1         -0.01           WSR04         17/2/2024         Med-flood         Sumply         Mode	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	М	5	10:34:00 AM	7.8	7.9	33.3	22.0	2.0	2.5	<0.1	<0.01
WSR02         17/2/2024         Mid-flood         Sunny         Moderate         B         9         10.3500 AM         7.9         7.8         33.3         220         2.0         3.0         -0.1         -0.0           WSR03         17/2/2024         Mid-flood         Sunny         Moderate         S         1         10.49.00 AM         8.5         8.0         33.6         22.0         23         2.5         -0.1         -0.10           WSR03         17/2/2024         Mid-flood         Sunny         Moderate         M         4         10.5000 AM         8.5         8.0         33.7         22.1         23         3.0         -0.1         -0.0           WSR03         17/2/2024         Mid-flood         Sunny         Moderate         M         4         10.5000 AM         8.5         8.0         33.7         22.1         22.3         3.0         -0.1         -0.0           WSR03         17/2/2024         Mid-flood         Sunny         Moderate         B         7         0.51500 AM         8.7         9         3.5         22.4         1.6         2.5         0.1         -0.0           WSR04         17/2/2024         Mid-flood         Sunny         Moderate <td>WSR02</td> <td>17/2/2024</td> <td>Mid-flood</td> <td>Sunny</td> <td>Moderate</td> <td>М</td> <td>5</td> <td>10:34:00 AM</td> <td>7.9</td> <td>7.8</td> <td>33.3</td> <td>21.9</td> <td>1.9</td> <td>3.0</td> <td>&lt;0.1</td> <td>&lt;0.01</td>	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	М	5	10:34:00 AM	7.9	7.8	33.3	21.9	1.9	3.0	<0.1	<0.01
WSR03         17/2/2024         Mid-Blood         Sumy         Moderate         S         1         10-49-00 AM         85         80         33.6         220         23         30         -0.1         -0.00           WSR03         17/2/2024         Mid-Blood         Sumy         Moderate         S         1         10-99-00 AM         8.5         8.0         33.6         22.0         23         25         -0.1         -0.00           WSR03         17/2/2024         Mid-Blood         Sumy         Moderate         M         4         10-50-00 AM         8.5         8.0         33.7         22.1         23         30         -0.1         -0.00           WSR03         17/2/2024         Mid-Blood         Sumy         Moderate         B         7         10-51-00 AM         8.5         7.9         33.6         22.0         2.1         3.0         -0.1         -0.0           WSR04         17/2/2024         Mid-Blood         Sumy         Moderate         S         1         10-51-00 AM         7.6         7.9         33.5         22.4         1.6         4.0         -0.1         -0.0           WSR04         17/2/2024         Mid-Blood         Sumy         Moderate	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	В	9	10:35:00 AM	7.8	7.9	33.3	22.0	1.9	4.0	<0.1	<0.01
Name	WSR02	17/2/2024	Mid-flood	Sunny	Moderate	В	9	10:35:00 AM	7.9	7.8	33.3	22.0	2.0	3.0	<0.1	<0.01
WRSR03         17/2/202         Mid-flood         Sunny         Moderate         M         4         10-50-00 AM         8.5         8.0         3.37         22.1         2.3         3.0         <0.1         <0.00           WSR03         17/2/202         Mid-flood         Sunny         Moderate         M         4         10-50-00 AM         8.4         8.0         3.37         22.1         2.2         3.0         <0.1         <0.00           WSR03         17/2/202         Mid-flood         Sunny         Moderate         B         7         10-51-00 AM         8.4         8.0         3.36         220         2.2         3.0         <0.1         <0.00           WSR04         17/2/202         Mid-flood         Sunny         Moderate         S         1         10-51-00 AM         7.6         7.9         3.35         224         1.6         2.5         <0.1         -0.00           WSR04         17/2/202         Mid-flood         Sunny         Moderate         S         1         11-04-00 AM         7.5         7.9         3.35         22.4         1.6         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0         4.0	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:49:00 AM	8.5	8.0	33.6	22.0	2.3	3.0	<0.1	<0.01
WSR03   17/2/202   Mid-flood   Sunny   Moderate   M   4   1050-00 AM   84   80   337   221   22   3.0   4.01   4.001	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	S	1	10:49:00 AM	8.5	8.0	33.6	22.0	2.3	2.5	<0.1	<0.01
NSR08         17/2/2024         Md-flood         Sumy         Moderate         B         7         10:51:00 AM         8.5         7.9         33.6         22.0         2.1         3.0         -0.1         -0.01           WSR08         17/2/2024         Mid-flood         Sumy         Moderate         B         7         10:51:00 AM         8.4         8.0         33.6         22.0         2.2         3.0         -0.1         -0.01           WSR08         17/2/2024         Mid-flood         Sumy         Moderate         S         1         11:04:00 AM         7.6         7.8         33.5         22.4         1.6         2.5         -0.1         -0.01           WSR04         17/2/2024         Mid-flood         Sumy         Moderate         S         1         11:04:00 AM         7.5         7.9         33.5         22.4         1.6         4.0         -0.1         -0.0           WSR04         17/2/2024         Mid-flood         Sumy         Moderate         B         6         11:05:00 AM         7.5         7.9         33.5         22.4         1.6         4.0         -0.1         -0.0           WSR04         17/2/2024         Mid-flood         Sumy         Moderat	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	М	4	10:50:00 AM	8.5	8.0	33.7	22.1	2.3	3.0	<0.1	<0.01
NSR08   17/2/2024   Mid-flood   Sunny   Moderate   B   F   10:51:00 AM   B4   B0   33.6   220   22   3.0   <0.1   <0.00	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	М	4	10:50:00 AM	8.4	8.0	33.7	22.1	2.2	3.0	<0.1	<0.01
WSR04         17/2/2024         Mid-flood         Sumny         Moderate         S         1         11:04:00 AM         7.6         7.8         33.5         22.4         1.6         2.5         <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         <	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	В	7	10:51:00 AM	8.5	7.9	33.6	22.0	2.1	3.0	<0.1	<0.01
WSR04         17/2/2024         Mid-flood         Sunny         Moderate         S         1         11-04:00 AM         7.5         7.9         33.5         22.4         1.7         4.0         -0.1         -0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         M         3         11-05:00 AM         7.6         7.9         33.5         22.3         1.6         4.0         -0.1         -0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         M         3         11:06:00 AM         7.6         7.9         33.5         22.3         1.6         4.0         -0.1         -0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         B         6         11:06:00 AM         7.5         7.9         33.5         22.4         1.6         4.0         -0.1         -0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         B         6         11:06:00 AM         7.5         7.9         33.5         22.1         1.1         4.0         -0.1           WSR16         17/2/2024         Mid-flood         Sunny         Moderate	WSR03	17/2/2024	Mid-flood	Sunny	Moderate	В	7	10:51:00 AM	8.4	8.0	33.6	22.0	2.2	3.0	<0.1	<0.01
WSR04         17/2/2024         Mid-flood         Sunny         Moderate         M         3         11:05:00 AM         7.6         7.9         33.6         22.3         1.6         4.0         <0.1         <0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         M         3         11:05:00 AM         7.6         7.9         33.5         22.3         1.6         4.0         <0.1         <0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         B         6         11:06:00 AM         7.5         7.9         33.5         22.4         1.6         4.0         <0.1         <0.01           WSR04         17/2/2024         Mid-flood         Sunny         Moderate         B         6         11:06:00 AM         7.5         7.9         33.5         22.4         1.6         4.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny         Moderate         S         1         12:34:00 PM         8.3         7.9         33.5         22.1         2.2         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny <t< td=""><td>WSR04</td><td>17/2/2024</td><td>Mid-flood</td><td>Sunny</td><td>Moderate</td><td>S</td><td>1</td><td>11:04:00 AM</td><td>7.6</td><td>7.8</td><td>33.5</td><td>22.4</td><td>1.6</td><td>2.5</td><td>&lt;0.1</td><td>&lt;0.01</td></t<>	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:04:00 AM	7.6	7.8	33.5	22.4	1.6	2.5	<0.1	<0.01
WSR04 17/2/2024 Mid-flood Sunny Moderate M 3 11:05:00 AM 7.6 7.9 33.5 22.3 1.6 3.0 <0.1 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:04:00 AM	7.5	7.9	33.5	22.4	1.7	4.0	<0.1	<0.01
WSR04 17/2/2024 Mid-flood Sunny Moderate B 6 11:06:00 AM 7.5 7.9 33.5 22.4 1.6 4.0 <0.1 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	М	3	11:05:00 AM	7.6	7.9	33.6	22.3	1.6	4.0	<0.1	<0.01
WSR04 17/2/2024 Mid-flood Sunny Moderate B 6 11:06:00 AM 7.5 7.9 33.6 22.4 1.7 5.0 <0.1 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	М	3	11:05:00 AM	7.6	7.9	33.5	22.3	1.6	3.0	<0.1	<0.01
WSR16 17/2/2024 Mid-flood Sunny Moderate S 1 12:34:00 PM 8.4 7.9 33.5 22.1 2.1 4.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:06:00 AM	7.5	7.9	33.5	22.4	1.6	4.0	<0.1	<0.01
WSR16 17/2/2024 Mid-flood Sunny Moderate S 1 12:34:00 PM 8.3 7.9 33.5 22.1 2.2 3.0 <0.1 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0.00 <0	WSR04	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:06:00 AM	7.5	7.9	33.6	22.4	1.7	5.0	<0.1	<0.01
WSR16         17/2/2024         Mid-flood         Sunny         Moderate         M         8         12:35:00 PM         8.3         7.9         33.5         22.1         2.2         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny         Moderate         M         8         12:35:00 PM         8.2         7.8         33.5         22.2         2.1         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny         Moderate         B         15         12:36:00 PM         8.3         7.9         33.6         22.2         2.1         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny         Moderate         B         15         12:36:00 PM         8.2         7.8         33.5         22.2         2.1         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny         Moderate         B         15         12:36:00 PM         8.2         7.8         33.5         22.1         2.1         3.0         <0.1         <0.01           WSR16         17/2/2024         Mid-flood         Sunny	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:34:00 PM	8.4	7.9	33.5	22.1	2.1	4.0	<0.1	<0.01
WSR16 17/2/2024 Mid-flood Sunny Moderate M 8 12:35:00 PM 8.2 7.8 33.5 22.2 2.1 3.0 <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 <0	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:34:00 PM	8.3	7.9	33.5	22.1	2.2	3.0	<0.1	<0.01
WSR16 17/2/2024 Mid-flood Sunny Moderate B 15 12:36:00 PM 8.3 7.9 33.6 22.2 2.1 3.0 <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 <	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	М	8	12:35:00 PM	8.3	7.9	33.5	22.1	2.2	3.0	<0.1	<0.01
WSR16 17/2/2024 Mid-flood Sunny Moderate B 15 12:36:00 PM 8.2 7.8 33.5 22.1 2.1 3.0 <0.1 <0.01	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	М	8	12:35:00 PM	8.2	7.8	33.5	22.2	2.1	3.0	<0.1	<0.01
	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	В	15	12:36:00 PM	8.3	7.9	33.6	22.2	2.1	3.0	<0.1	<0.01
WSR33 17/2/2024 Mid-flood Sunny Moderate S 1 11:21:00 AM 8.4 7.8 32.7 22.1 2.1 3.0 <0.1 <0.01	WSR16	17/2/2024	Mid-flood	Sunny	Moderate	В	15	12:36:00 PM	8.2	7.8	33.5	22.1	2.1	3.0	<0.1	<0.01
	WSR33	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:21:00 AM	8.4	7.8	32.7	22.1	2.1	3.0	<0.1	<0.01

	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pH	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR33	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:21:00 AM	8.4	7.8	32.7	22.0	2.1	5.0	<0.1	<0.01
WSR33	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:22:00 AM	8.4	7.8	32.7	22.0	2.1	3.0	<0.1	<0.01
WSR33	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:22:00 AM	8.4	7.8	32.7	22.0	2.0	2.5	<0.1	<0.01
WSR33	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:23:00 AM	8.4	7.8	32.7	22.0	2.1	4.0	<0.1	<0.01
WSR33	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:23:00 AM	8.4	7.8	32.7	22.0	2.0	3.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	7.7	7.7	33.0	22.0	1.5	3.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	7.6	7.7	33.1	22.0	1.6	3.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:39:00 AM	7.6	7.8	33.0	22.0	1.6	4.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:39:00 AM	7.8	7.8	33.0	22.1	1.6	4.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:39:00 AM	7.6	7.8	32.9	22.0	1.7	4.0	<0.1	<0.01
WSR36	17/2/2024	Mid-flood	Sunny	Moderate	В	6	11:39:00 AM	7.7	7.8	33.0	22.0	1.6	4.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:55:00 AM	8.2	7.9	33.6	22.3	1.8	4.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	S	1	11:55:00 AM	8.1	7.9	33.6	22.2	1.8	4.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:56:00 AM	8.2	7.9	33.5	22.3	1.8	6.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	М	4	11:56:00 AM	8.2	7.9	33.6	22.3	1.8	3.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	В	8	11:57:00 AM	8.2	8.0	33.6	22.3	1.9	3.0	<0.1	<0.01
WSR37	17/2/2024	Mid-flood	Sunny	Moderate	В	8	11:57:00 AM	8.2	7.9	33.6	22.2	1.8	2.5	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:19:00 PM	8.5	7.9	32.7	22.1	1.9	3.0	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:19:00 PM	8.4	7.9	32.7	22.1	1.8	2.5	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	М	7	12:20:00 PM	8.5	7.9	32.6	22.1	1.9	5.0	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	М	7	12:20:00 PM	8.4	7.8	32.6	22.1	1.9	4.0	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	В	12	12:21:00 PM	8.4	7.9	32.6	22.1	2.0	4.0	<0.1	<0.01
NF1	17/2/2024	Mid-flood	Sunny	Moderate	В	12	12:21:00 PM	8.5	7.9	32.7	22.1	1.9	4.0	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:11:00 PM	8.6	7.8	33.7	22.0	2.1	3.0	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:11:00 PM	8.5	7.8	33.7	22.0	2.1	3.0	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	М	5	12:12:00 PM	8.4	7.8	33.6	21.9	2.0	3.0	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	М	5	12:12:00 PM	8.5	7.8	33.7	22.0	2.3	3.0	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	В	9	12:13:00 PM	8.5	7.8	33.7	21.9	2.1	2.5	<0.1	<0.01
NF2	17/2/2024	Mid-flood	Sunny	Moderate	В	9	12:13:00 PM	8.4	7.8	33.7	22.0	2.1	3.0	<0.1	<0.01
NF3	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:04:00 PM	7.6	7.9	32.3	22.3	2.1	3.0	<0.1	<0.01
NF3	17/2/2024	Mid-flood	Sunny	Moderate	S	1	12:04:00 PM	7.7	7.8	32.3	22.2	2.0	2.5	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
NF3	17/2/2024	Mid-flood	Sunny	Moderate	M	6	12:05:00 PM	7.6	7.8	32.3	22.3	2.0	3.0	<0.1	<0.01
NF3	17/2/2024	Mid-flood	Sunny	Moderate	М	6	12:05:00 PM	7.6	7.8	32.4	22.3	2.0	3.0	<0.1	<0.01
NF3	17/2/2024	Mid-flood	Sunny	Moderate	В	12	12:06:00 PM	7.7	7.8	32.3	22.2	2.1	3.0	<0.1	<0.01
NF3	17/2/2024	Mid-flood	Sunny	Moderate	В	12	12:06:00 PM	7.6	7.8	32.4	22.3	2.1	2.5	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	7.8	7.9	33.0	22.1	2.3	2.5	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:38:00 AM	7.9	7.9	33.0	22.1	2.3	3.0	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	М	10	11:39:00 AM	7.8	7.9	33.0	22.1	2.3	7.0	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	М	10	11:39:00 AM	7.8	7.8	33.0	22.0	2.3	8.0	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	В	20	11:40:00 AM	7.9	7.9	33.0	22.0	2.2	3.0	<0.1	<0.01
CE	20/2/2024	Mid-flood	Sunny	Moderate	В	20	11:40:00 AM	7.9	7.8	33.0	22.1	2.3	2.5	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	S	1	8:39:00 AM	8.7	7.8	32.8	22.2	2.6	2.5	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	S	1	8:39:00 AM	8.7	7.9	32.8	22.2	2.6	3.0	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	М	10	8:40:00 AM	8.7	7.9	32.8	22.2	2.6	3.0	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	М	10	8:40:00 AM	8.8	7.8	32.8	22.2	2.6	3.0	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	В	18	8:41:00 AM	8.7	7.8	32.8	22.2	2.6	2.5	<0.1	<0.01
CF	20/2/2024	Mid-flood	Sunny	Moderate	В	18	8:41:00 AM	8.7	7.9	32.8	22.2	2.6	3.0	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:03:00 AM	7.9	7.7	33.4	22.1	1.6	3.0	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:03:00 AM	7.9	7.6	33.5	22.2	1.6	2.5	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	M	5	9:04:00 AM	7.9	7.6	33.4	22.2	1.4	2.5	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	М	5	9:04:00 AM	7.9	7.6	33.4	22.2	1.4	2.5	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	В	8	9:05:00 AM	7.9	7.7	33.4	22.1	1.4	3.0	<0.1	<0.01
WSR01	20/2/2024	Mid-flood	Sunny	Moderate	В	8	9:05:00 AM	7.9	7.7	33.5	22.1	1.5	2.5	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:21:00 AM	8.2	7.7	32.4	22.2	1.5	3.0	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:21:00 AM	8.1	7.7	32.4	22.1	1.5	3.0	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	М	5	9:22:00 AM	8.2	7.8	32.3	22.1	1.6	2.5	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	М	5	9:22:00 AM	8.2	7.7	32.3	22.1	1.5	2.5	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	В	8	9:23:00 AM	8.1	7.7	32.3	22.2	1.5	2.5	<0.1	<0.01
WSR02	20/2/2024	Mid-flood	Sunny	Moderate	В	8	9:23:00 AM	8.2	7.6	32.3	22.1	1.5	2.5	<0.1	<0.01
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:37:00 AM	8.4	7.8	33.1	22.4	1.6	3.0	<0.1	<0.01
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:37:00 AM	8.3	7.8	33.0	22.4	1.6	5.0	<0.1	<0.01
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	М	4	9:38:00 AM	8.3	7.7	33.0	22.4	1.6	3.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	tal Chlorine
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	М	4	9:38:00 AM	8.3	7.8	33.0	22.4	1.6	3.0	<0.1	< 0.01
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	В	7	9:39:00 AM	8.3	7.8	33.1	22.4	1.6	3.0	<0.1	<0.01
WSR03	20/2/2024	Mid-flood	Sunny	Moderate	В	7	9:39:00 AM	8.4	7.8	33.0	22.4	1.6	3.0	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:51:00 AM	8.8	7.9	32.9	22.3	2.0	3.0	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	S	1	9:51:00 AM	8.8	7.8	32.9	22.4	2.0	2.5	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	М	4	9:52:00 AM	8.8	7.9	33.0	22.3	2.0	4.0	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	М	4	9:52:00 AM	8.9	7.8	32.9	22.3	2.0	3.0	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	В	6	9:53:00 AM	8.9	7.9	32.9	22.3	2.0	3.0	<0.1	<0.01
WSR04	20/2/2024	Mid-flood	Sunny	Moderate	В	6	9:53:00 AM	8.9	7.8	32.9	22.3	1.9	3.0	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:17:00 AM	7.9	7.9	33.0	22.3	2.3	3.0	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:17:00 AM	7.9	7.9	33.0	22.3	2.3	3.0	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	М	9	11:18:00 AM	7.9	7.9	33.0	22.3	2.3	2.5	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	М	9	11:18:00 AM	7.9	7.8	32.9	22.2	2.2	3.0	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	В	16	11:19:00 AM	7.9	7.9	32.9	22.2	2.2	6.0	<0.1	<0.01
WSR16	20/2/2024	Mid-flood	Sunny	Moderate	В	16	11:19:00 AM	8.0	7.9	33.0	22.3	2.2	3.0	<0.1	< 0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:08:00 AM	7.4	7.8	34.0	22.1	1.5	3.0	<0.1	<0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:08:00 AM	7.6	7.9	33.9	22.1	1.4	2.5	<0.1	<0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:09:00 AM	7.5	7.8	33.9	22.1	1.5	6.0	<0.1	<0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:09:00 AM	7.5	7.8	33.9	22.1	1.6	3.0	<0.1	<0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	В	7	10:10:00 AM	7.6	7.8	33.9	22.1	1.6	3.0	<0.1	<0.01
WSR33	20/2/2024	Mid-flood	Sunny	Moderate	В	7	10:10:00 AM	7.5	7.8	33.9	22.1	1.6	5.0	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:22:00 AM	8.1	7.8	32.7	22.4	2.0	2.5	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:22:00 AM	8.2	7.7	32.7	22.3	2.0	2.5	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:23:00 AM	8.2	7.8	32.8	22.4	2.1	3.0	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:23:00 AM	8.1	7.7	32.7	22.3	2.0	4.0	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	В	7	10:23:00 AM	8.1	7.8	32.7	22.3	2.1	3.0	<0.1	<0.01
WSR36	20/2/2024	Mid-flood	Sunny	Moderate	В	7	10:23:00 AM	8.1	7.8	32.8	22.3	2.1	2.5	<0.1	<0.01
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:38:00 AM	8.6	7.9	32.7	22.3	2.3	3.0	<0.1	<0.01
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:38:00 AM	8.7	7.8	32.7	22.3	2.3	6.0	<0.1	<0.01
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:39:00 AM	8.6	7.8	32.7	22.3	2.2	2.5	<0.1	<0.01
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	М	4	10:39:00 AM	8.7	7.8	32.8	22.3	2.1	2.5	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	В	8	10:40:00 AM	8.7	7.9	32.8	22.4	2.3	2.5	<0.1	<0.01
WSR37	20/2/2024	Mid-flood	Sunny	Moderate	В	8	10:40:00 AM	8.7	7.8	32.8	22.3	2.1	4.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:02:00 AM	8.4	7.9	33.3	22.4	1.5	3.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	S	1	11:02:00 AM	8.5	7.8	33.3	22.4	1.5	3.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	М	7	11:03:00 AM	8.4	7.8	33.3	22.5	1.5	6.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	М	7	11:03:00 AM	8.4	7.8	33.4	22.4	1.5	7.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	В	13	11:04:00 AM	8.4	7.8	33.2	22.5	1.5	3.0	<0.1	<0.01
NF1	20/2/2024	Mid-flood	Sunny	Moderate	В	13	11:04:00 AM	8.4	7.9	33.4	22.4	1.6	3.0	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:54:00 AM	8.8	7.8	32.4	22.2	2.0	3.0	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:54:00 AM	8.8	7.8	32.4	22.2	2.1	2.5	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	М	5	10:55:00 AM	8.9	7.6	32.5	22.2	2.0	2.5	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	М	5	10:55:00 AM	8.8	7.7	32.5	22.3	2.0	4.0	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	В	9	10:56:00 AM	8.8	7.7	32.5	22.3	2.1	2.5	<0.1	<0.01
NF2	20/2/2024	Mid-flood	Sunny	Moderate	В	9	10:56:00 AM	8.8	7.7	32.5	22.3	2.1	3.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:47:00 AM	8.4	7.8	32.3	22.2	1.4	3.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	S	1	10:47:00 AM	8.5	7.8	32.3	22.2	1.4	3.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	М	6	10:48:00 AM	8.4	7.8	32.4	22.3	1.5	3.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	М	6	10:48:00 AM	8.4	7.8	32.4	22.3	1.5	4.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	В	11	10:49:00 AM	8.4	7.8	32.3	22.2	1.5	7.0	<0.1	<0.01
NF3	20/2/2024	Mid-flood	Sunny	Moderate	В	11	10:49:00 AM	8.3	7.8	32.3	22.2	1.4	4.0	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	1:16:00 PM	8.8	7.9	32.9	22.6	2.7	2.5	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	1:16:00 PM	8.8	7.9	32.8	22.6	2.7	2.5	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	М	12	1:17:00 PM	8.9	7.9	32.7	22.5	2.7	2.5	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	М	12	1:17:00 PM	8.9	7.9	32.7	22.5	2.6	2.5	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	В	23	1:18:00 PM	8.8	7.9	32.8	22.6	2.7	2.5	<0.1	<0.01
CE	22/2/2024	Mid-flood	Cloudy	Moderate	В	23	1:18:00 PM	8.8	7.8	32.8	22.6	2.6	2.5	<0.1	<0.01
CF	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:15:00 AM	7.8	7.8	32.9	22.4	3.0	2.5	<0.1	<0.01
CF	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:15:00 AM	8.0	7.8	32.9	22.5	3.0	2.5	<0.1	<0.01
CF	22/2/2024	Mid-flood	Cloudy	Moderate	М	10	10:16:00 AM	7.9	7.7	33.0	22.5	3.1	3.0	<0.1	<0.01
CF	22/2/2024	Mid-flood	Cloudy	Moderate	М	10	10:16:00 AM	7.8	7.8	32.9	22.6	3.0	3.0	<0.1	<0.01
CF	22/2/2024	Mid-flood	Cloudy	Moderate	В	18	10:17:00 AM	7.8	7.7	32.9	22.4	3.1	3.0	<0.1	<0.01

	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
CF	22/2/2024	Mid-flood	Cloudy	Moderate	В	18	10:17:00 AM	7.9	7.8	32.9	22.5	3.0	2.5	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:39:00 AM	8.1	7.7	32.7	22.6	1.7	3.0	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:39:00 AM	8.2	7.7	32.9	22.6	1.7	2.5	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:40:00 AM	8.1	7.8	32.8	22.7	1.7	2.5	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:40:00 AM	8.2	7.7	32.9	22.6	1.7	3.0	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:41:00 AM	8.1	7.7	32.8	22.7	1.5	2.5	<0.1	<0.01
WSR01	22/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:41:00 AM	8.2	7.8	32.8	22.6	1.6	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	9.2	7.8	32.7	22.7	1.9	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	9.1	7.8	32.7	22.7	1.9	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:59:00 AM	9.2	7.8	32.7	22.8	2.0	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:59:00 AM	9.2	7.8	32.7	22.7	2.0	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	В	8	11:00:00 AM	9.1	7.8	32.7	22.7	1.9	2.5	<0.1	<0.01
WSR02	22/2/2024	Mid-flood	Cloudy	Moderate	В	8	11:00:00 AM	9.2	7.7	32.8	22.7	1.9	2.5	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	8.5	7.7	32.8	22.5	1.8	2.5	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	8.4	7.7	32.8	22.5	1.8	2.5	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:12:00 AM	8.4	7.6	32.9	22.5	1.8	3.0	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:12:00 AM	8.4	7.7	32.8	22.5	1.8	3.0	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:13:00 AM	8.4	7.7	32.8	22.6	1.8	4.0	<0.1	<0.01
WSR03	22/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:13:00 AM	8.4	7.7	32.9	22.6	1.8	3.0	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:25:00 AM	9.0	7.9	33.9	22.6	2.0	2.5	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:25:00 AM	9.0	7.8	33.9	22.7	1.9	2.5	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:26:00 AM	9.1	7.8	34.0	22.6	2.0	2.5	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:26:00 AM	9.0	7.8	33.9	22.6	2.0	2.5	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:27:00 AM	9.1	7.9	33.9	22.6	2.1	2.5	<0.1	<0.01
WSR04	22/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:27:00 AM	9.0	7.9	33.9	22.6	2.0	2.5	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:55:00 PM	8.6	7.7	32.9	22.7	1.6	2.5	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:55:00 PM	8.6	7.7	32.8	22.8	1.6	2.5	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:56:00 PM	8.6	7.8	32.8	22.8	1.7	2.5	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:56:00 PM	8.5	7.8	32.9	22.8	1.6	3.0	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	В	16	12:57:00 PM	8.6	7.7	32.9	22.7	1.6	2.5	<0.1	<0.01
WSR16	22/2/2024	Mid-flood	Cloudy	Moderate	В	16	12:57:00 PM	8.6	7.8	32.8	22.7	1.6	2.5	<0.1	<0.01

Location   Date   Tidal   Weather   Sea Condition   Water Level   Depth (m)   Time   DO (mg/L)   PH   Sal (ppt)   Temp (eXC)   Turbidry (NTU)   SS (mg/L)   Iron (mg/L)   Temp (eXC)   Turbidry (NTU)   SS (mg/L)   Temp (eXC)   Turbidry (NTU)   SS (mg/L)   Temp (eXC)   Turbidry (NTU)   SS (mg/L)   Temp (eXC)   Turbidry (NTU)   Turbidry (NTU)   Temp (eXC)   Turbidry (NTU)   Temp (eXC)   Turbidry (NTU)   Temp (eXC)   Turbidry (NTU)   Temp (eXC)   Turbidry (NTU)   Turbidry	<0.01
WSR33         22/Z/2024         Mid-flood         Cloudy         Moderate         M         4         11:43:00 AM         7.9         7.9         32.2         22.6         2.1         2.5         <0.1           WSR33         22/Z/2024         Mid-flood         Cloudy         Moderate         M         4         11:43:00 AM         8.0         7.9         32.2         22.6         2.1         2.5         <0.1	<0.01
WSR33         22/2/2024         Mid-flood         Cloudy         Moderate         M         4         11:43:00 AM         8.0         7.9         32.2         22.6         2.1         2.5         <0.1           WSR33         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         11:44:00 AM         7.8         7.9         32.3         22.6         2.1         2.5         <0.1	~0.01
WSR33         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         11:44:00 AM         7.8         7.9         32.3         22.6         2.1         2.5         <0.1           WSR33         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         11:44:00 AM         7.8         7.9         32.3         22.7         2.1         3.0         <0.1	<0.01
WSR33         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         11:44:00 AM         7.8         7.9         32.3         22.7         2.1         3.0         <0.1           WSR36         22/2/2024         Mid-flood         Cloudy         Moderate         S         1         11:59:00 AM         8.7         7.8         33.2         22.6         1.7         2.5         <0.1	<0.01
WSR36 22/2/2024 Mid-flood Cloudy Moderate S 1 11:59:00 AM 8.7 7.8 33.2 22.6 1.7 2.5 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate S 1 11:59:00 AM 8.6 7.9 33.1 22.6 1.5 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.7 33.1 22.7 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.8 33.3 22.6 1.6 2.5 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.7 1.5 3.0 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1	<0.01
WSR36 22/2/2024 Mid-flood Cloudy Moderate S 1 11:59:00 AM 8.6 7.9 33.1 22.6 1.5 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.7 33.1 22.7 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.8 33.3 22.6 1.6 2.5 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.6 7.8 33.1 22.7 1.5 3.0 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1	<0.01
WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.7 33.1 22.7 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.8 33.3 22.6 1.6 2.5 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.2 7.7 33.1 22.6 1.6 3.0 <0.1	<0.01
WSR36 22/2/2024 Mid-flood Cloudy Moderate M 4 12:00:00 PM 8.6 7.8 33.3 22.6 1.6 2.5 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.7 7.7 33.1 22.6 1.6 3.0 <0.1  WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.6 7.8 33.1 22.7 1.5 3.0 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.2 7.7 33.1 22.6 1.6 3.0 <0.1	<0.01
WSR36         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         12:00:00 PM         8.7         7.7         33.1         22.6         1.6         3.0         <0.1           WSR36         22/2/2024         Mid-flood         Cloudy         Moderate         B         6         12:00:00 PM         8.6         7.8         33.1         22.7         1.5         3.0         <0.1	<0.01
WSR36 22/2/2024 Mid-flood Cloudy Moderate B 6 12:00:00 PM 8.6 7.8 33.1 22.7 1.5 3.0 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1  WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.2 7.7 33.1 22.6 1.6 3.0 <0.1	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.3 7.8 33.1 22.6 1.5 2.5 <0.1 WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.2 7.7 33.1 22.6 1.6 3.0 <0.1	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate S 1 12:16:00 PM 8.2 7.7 33.1 22.6 1.6 3.0 <0.1	<0.01
	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate M 4 12:17:00 PM 8.4 7.8 33.0 22.6 1.6 2.5 <0.1	<0.01
	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate M 4 12:17:00 PM 8.3 7.7 33.0 22.7 1.5 2.5 <0.1	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate B 7 12:18:00 PM 8.4 7.7 33.2 22.6 1.6 3.0 <0.1	<0.01
WSR37 22/2/2024 Mid-flood Cloudy Moderate B 7 12:18:00 PM 8.2 7.8 33.1 22.6 1.6 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate S 1 12:40:00 PM 8.1 7.7 33.9 22.6 2.3 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate S 1 12:40:00 PM 8.0 7.8 34.0 22.6 2.3 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate M 7 12:41:00 PM 8.1 7.7 34.0 22.5 2.1 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate M 7 12:41:00 PM 8.0 7.8 33.9 22.6 2.2 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate B 13 12:42:00 PM 8.1 7.7 33.9 22.5 2.2 2.5 <0.1	<0.01
NF1 22/2/2024 Mid-flood Cloudy Moderate B 13 12:42:00 PM 8.1 7.8 34.0 22.5 2.2 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate S 1 12:32:00 PM 8.6 7.9 32.6 22.5 2.3 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate S 1 12:32:00 PM 8.5 7.9 32.6 22.4 2.2 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate M 5 12:33:00 PM 8.5 7.9 32.6 22.4 2.2 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate M 5 12:33:00 PM 8.5 7.8 32.6 22.4 2.2 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate B 10 12:34:00 PM 8.5 7.8 32.7 22.5 2.1 2.5 <0.1	<0.01
NF2 22/2/2024 Mid-flood Cloudy Moderate B 10 12:34:00 PM 8.5 7.8 32.6 22.4 2.3 2.5 <0.1	< 0.01
NF3 22/2/2024 Mid-flood Cloudy Moderate S 1 12:25:00 PM 9.0 7.8 33.4 22.6 1.6 2.5 <0.1	-0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
NF3	22/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:25:00 PM	9.0	7.8	33.3	22.5	1.7	3.0	<0.1	<0.01
NF3	22/2/2024	Mid-flood	Cloudy	Moderate	М	6	12:26:00 PM	9.0	7.9	33.3	22.6	1.6	2.5	<0.1	<0.01
NF3	22/2/2024	Mid-flood	Cloudy	Moderate	М	6	12:26:00 PM	9.0	7.8	33.3	22.5	1.7	2.5	<0.1	<0.01
NF3	22/2/2024	Mid-flood	Cloudy	Moderate	В	11	12:27:00 PM	9.0	7.8	33.3	22.5	1.9	2.5	<0.1	<0.01
NF3	22/2/2024	Mid-flood	Cloudy	Moderate	В	11	12:27:00 PM	9.0	7.8	33.3	22.5	1.7	3.0	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:49:00 PM	8.5	8.0	33.9	22.6	2.4	3.0	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:49:00 PM	8.5	7.9	33.9	22.7	2.4	2.5	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	М	10	1:50:00 PM	8.5	8.0	33.9	22.6	2.3	4.0	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	М	10	1:50:00 PM	8.5	7.9	33.8	22.7	2.5	3.0	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	В	19	1:51:00 PM	8.5	7.9	33.8	22.6	2.4	3.0	<0.1	<0.01
CE	24/2/2024	Mid-ebb	Cloudy	Moderate	В	19	1:51:00 PM	8.5	8.0	33.9	22.7	2.4	2.5	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	10:47:00 AM	8.6	7.8	33.0	22.8	2.7	4.0	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	10:47:00 AM	8.5	7.9	33.0	22.9	2.7	2.5	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	М	10	10:48:00 AM	8.5	7.8	32.9	22.8	2.8	2.5	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	М	10	10:48:00 AM	8.6	7.8	32.9	22.8	2.7	2.5	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	В	20	10:49:00 AM	8.5	7.8	32.9	22.8	2.7	2.5	<0.1	<0.01
CF	24/2/2024	Mid-ebb	Cloudy	Moderate	В	20	10:49:00 AM	8.5	7.8	32.9	22.9	2.8	2.5	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:12:00 AM	8.2	7.8	33.6	22.6	1.8	2.5	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:12:00 AM	8.2	7.7	33.7	22.6	1.9	2.5	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	11:13:00 AM	8.3	7.7	33.7	22.6	1.8	3.0	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	11:13:00 AM	8.2	7.7	33.7	22.6	1.8	3.0	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	В	8	11:14:00 AM	8.2	7.7	33.6	22.7	1.9	2.5	<0.1	<0.01
WSR01	24/2/2024	Mid-ebb	Cloudy	Moderate	В	8	11:14:00 AM	8.2	7.8	33.6	22.6	1.9	2.5	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:31:00 AM	7.7	7.9	32.3	22.7	2.0	2.5	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:31:00 AM	7.7	8.0	32.3	22.7	2.1	4.0	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	М	5	11:32:00 AM	7.7	7.9	32.4	22.7	2.1	2.5	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	М	5	11:32:00 AM	7.8	7.8	32.3	22.7	2.1	2.5	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	В	9	11:33:00 AM	7.6	7.9	32.4	22.7	2.0	3.0	<0.1	<0.01
WSR02	24/2/2024	Mid-ebb	Cloudy	Moderate	В	9	11:33:00 AM	7.7	7.9	32.3	22.7	2.0	2.5	<0.1	<0.01
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:45:00 AM	8.6	7.7	32.4	22.8	2.0	2.5	<0.1	<0.01
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	11:45:00 AM	8.5	7.7	32.4	22.8	2.0	2.5	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	11:46:00 AM	8.6	7.7	32.3	22.8	2.0	2.5	<0.1	<0.01
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	11:46:00 AM	8.6	7.7	32.3	22.8	2.0	2.5	<0.1	<0.01
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	11:47:00 AM	8.5	7.7	32.4	22.8	2.1	2.5	<0.1	<0.01
WSR03	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	11:47:00 AM	8.5	7.7	32.4	22.8	2.0	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:00:00 PM	8.4	7.8	33.3	22.7	2.0	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:00:00 PM	8.4	7.8	33.3	22.7	1.9	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:01:00 PM	8.4	7.8	33.3	22.6	2.0	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:01:00 PM	8.4	7.8	33.2	22.7	2.0	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	В	6	12:02:00 PM	8.4	7.8	33.2	22.7	2.0	2.5	<0.1	<0.01
WSR04	24/2/2024	Mid-ebb	Cloudy	Moderate	В	6	12:02:00 PM	8.4	7.7	33.2	22.7	1.9	2.5	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:28:00 PM	8.0	7.9	32.7	22.7	1.7	3.0	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:28:00 PM	7.9	7.9	32.7	22.8	1.7	2.5	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	М	8	1:29:00 PM	7.9	7.9	32.7	22.7	1.7	3.0	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	М	8	1:29:00 PM	8.0	7.9	32.7	22.7	1.7	4.0	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	В	15	1:30:00 PM	8.0	7.9	32.7	22.7	1.6	4.0	<0.1	<0.01
WSR16	24/2/2024	Mid-ebb	Cloudy	Moderate	В	15	1:30:00 PM	7.9	8.0	32.7	22.8	1.7	2.5	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:15:00 PM	8.7	7.6	32.8	22.9	1.7	2.5	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:15:00 PM	8.6	7.6	32.7	22.9	1.6	2.5	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	M	4	12:16:00 PM	8.7	7.7	32.8	22.9	1.6	3.0	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:16:00 PM	8.6	7.7	32.8	22.8	1.7	2.5	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	В	6	12:17:00 PM	8.6	7.7	32.7	22.9	1.7	2.5	<0.1	<0.01
WSR33	24/2/2024	Mid-ebb	Cloudy	Moderate	В	6	12:17:00 PM	8.7	7.7	32.7	22.9	1.6	4.0	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:32:00 PM	8.6	7.9	33.1	22.6	1.6	3.0	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:32:00 PM	8.6	7.9	33.0	22.7	1.6	3.0	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	M	4	12:33:00 PM	8.5	7.9	33.1	22.7	1.6	2.5	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:33:00 PM	8.6	7.9	33.0	22.6	1.6	2.5	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	12:33:00 PM	8.6	8.0	33.0	22.7	1.7	2.5	<0.1	<0.01
WSR36	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	12:33:00 PM	8.6	7.9	33.0	22.7	1.6	3.0	<0.1	<0.01
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:49:00 PM	8.1	7.7	33.9	22.7	2.1	2.5	<0.1	<0.01
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:49:00 PM	8.1	7.7	33.9	22.7	2.1	3.0	<0.1	<0.01
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:50:00 PM	8.1	7.8	34.0	22.8	2.0	2.5	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	М	4	12:50:00 PM	8.0	7.7	33.9	22.8	2.1	2.5	<0.1	<0.01
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	12:51:00 PM	8.1	7.7	33.9	22.7	2.0	5.0	<0.1	<0.01
WSR37	24/2/2024	Mid-ebb	Cloudy	Moderate	В	7	12:51:00 PM	8.0	7.8	33.9	22.7	2.0	3.0	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:13:00 PM	7.9	7.8	33.2	22.7	1.8	2.5	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:13:00 PM	7.9	7.9	33.2	22.8	1.7	2.5	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	М	7	1:14:00 PM	7.9	7.9	33.3	22.7	1.7	2.5	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	М	7	1:14:00 PM	7.8	7.8	33.3	22.8	1.6	2.5	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	В	13	1:15:00 PM	7.8	7.8	33.2	22.8	1.7	2.5	<0.1	<0.01
NF1	24/2/2024	Mid-ebb	Cloudy	Moderate	В	13	1:15:00 PM	7.9	7.9	33.2	22.7	1.7	2.5	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:05:00 PM	8.1	7.8	32.7	22.6	1.9	2.5	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	1:05:00 PM	8.2	7.8	32.8	22.5	1.8	3.0	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	M	5	1:06:00 PM	8.2	7.7	32.8	22.5	1.9	2.5	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	M	5	1:06:00 PM	8.1	7.8	32.8	22.5	1.9	2.5	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	В	10	1:07:00 PM	8.2	7.8	32.7	22.5	1.9	2.5	<0.1	<0.01
NF2	24/2/2024	Mid-ebb	Cloudy	Moderate	В	10	1:07:00 PM	8.1	7.8	32.8	22.6	1.9	3.0	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:58:00 PM	8.0	7.9	33.5	22.7	1.8	2.5	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	S	1	12:58:00 PM	7.9	7.8	33.4	22.7	1.8	3.0	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	М	6	12:59:00 PM	8.0	7.9	33.4	22.7	1.7	2.5	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	М	6	12:59:00 PM	7.9	7.8	33.4	22.7	1.7	2.5	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	В	11	1:00:00 PM	7.9	7.9	33.4	22.7	1.8	4.0	<0.1	<0.01
NF3	24/2/2024	Mid-ebb	Cloudy	Moderate	В	11	1:00:00 PM	7.9	7.9	33.4	22.7	1.7	2.5	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:07:00 AM	8.9	7.7	34.2	22.9	2.5	3.0	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:07:00 AM	9.0	7.7	34.1	22.9	2.3	3.0	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	М	11	11:08:00 AM	8.9	7.8	34.1	22.9	2.4	3.0	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	М	11	11:08:00 AM	9.0	7.7	34.1	22.9	2.3	3.0	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	В	20	11:09:00 AM	8.9	7.7	34.1	22.9	2.3	2.5	<0.1	<0.01
CE	27/2/2024	Mid-flood	Cloudy	Moderate	В	20	11:09:00 AM	8.9	7.8	34.1	22.9	2.4	4.0	<0.1	<0.01
CF	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:05:00 AM	9.0	7.7	34.0	23.1	3.0	2.5	<0.1	<0.01
CF	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:05:00 AM	9.0	7.7	33.9	23.1	2.9	2.5	<0.1	<0.01
CF	27/2/2024	Mid-flood	Cloudy	Moderate	М	10	8:06:00 AM	9.1	7.7	33.8	23.1	2.9	2.5	<0.1	<0.01
CF	27/2/2024	Mid-flood	Cloudy	Moderate	M	10	8:06:00 AM	9.1	7.7	33.9	23.1	2.9	2.5	<0.1	<0.01

Part	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
No.	CF	27/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:07:00 AM	9.1	7.7	34.0	23.1	2.9	3.0	<0.1	<0.01
Wilson   Z7/1/2024   Mol-Bood   Clouby   Moderate   S   1   0.10 0.0 AM   10   77   340   231   23   2.1   2.1   4.0   -0.1   -0.01	CF	27/2/2024	Mid-flood	Cloudy	Moderate	В	19	8:07:00 AM	9.1	7.7	33.9	23.1	2.9	2.5	<0.1	<0.01
Wilsolia   Z7/J/2012   Mid-fined   Condy   Moderate   M	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:30:00 AM	7.9	7.7	34.0	23.1	2.2	3.0	<0.1	<0.01
WSB01   27/2/025   Mid-flood   Cloudy   Moderate   M   4   83100 AM   8.0   7.7   340   231   21   2.5   4.01   4.001	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:30:00 AM	8.0	7.7	34.0	23.1	2.1	4.0	<0.1	<0.01
WSB01   27/2/2024   Mai-flood   Cloudy   Moderate   B   B   B.2.200 AM   7.9   7.7   34.0   23.1   2.1   2.5   4.01   4.001	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	M	4	8:31:00 AM	7.9	7.7	34.0	23.1	2.2	2.5	<0.1	<0.01
Wilson   27/1/2024   Mid-flood   Cloudy   Moderate   B   B   B32-90 AM   B0   77   340   231   22   25   -0.1   -0.01	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	8:31:00 AM	8.0	7.7	34.0	23.1	2.1	2.5	<0.1	<0.01
WSR02   27/2/2024   Mid-flood   Cloudy   Moderate   S   1   8.56.00 AM   8.8   7.6   33.7   23.1   1.8   4.0   4	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:32:00 AM	7.9	7.7	34.0	23.1	2.1	2.5	<0.1	<0.01
WSR02   Z7/Z/2024   Mid-Bood   Cloudy   Moderate   S   1   R.5 B.00 AM   R.8   7.6   3.39   23.1   1.8   4.0   4	WSR01	27/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:32:00 AM	8.0	7.7	34.0	23.1	2.2	2.5	<0.1	<0.01
WSR02   Z7/Z/2024   Mid-flood   Cloudy   Moderate   M   S   S.5100 AM   S.8   7.6   33.7   23.1   2.0   3.0   -0.1   -0.01	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:50:00 AM	8.8	7.6	33.7	23.1	2.0	2.5	<0.1	<0.01
WSR02   Z7/Z/2024   Mid-flood   Cloudy   Moderate   M   S   B.51:00 AM   B.7   7.7   33.9   23.0   1.9   2.5   <0.1   <0.01	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	8:50:00 AM	8.8	7.6	33.9	23.1	1.8	4.0	<0.1	<0.01
WSR02   Z7/Z/2024   Mid-flood   Cloudy   Moderate   B   B   B. S.Z.OO AM   B.B   7.7   33.8   23.1   1.9   3.0   <0.1   <0.01	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	M	5	8:51:00 AM	8.8	7.6	33.7	23.1	2.0	3.0	<0.1	<0.01
WSR02   Z7/Z/2024   Mid-flood   Cloudy   Moderate   B   B   B   B   S.200 AM   B.7   7.7   33.8   23.0   1.9   4.0   <0.1   <0.01	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	М	5	8:51:00 AM	8.7	7.7	33.9	23.0	1.9	2.5	<0.1	<0.01
WSR03         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         99.60.0 AM         8.3         7.7         33.1         23.0         2.1         5.0         <0.1         <0.01           WSR03         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         99.70.0 AM         8.2         7.7         33.1         23.0         2.1         4.0         <0.1         <0.01           WSR03         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         99.70.0 AM         8.2         7.7         33.1         23.0         2.1         4.0         <0.1         <0.01           WSR03         27/2/2024         Mid-flood         Cloudy         Moderate         B         7         99.80.0 AM         8.3         7.7         33.0         23.0         2.2         5.0         <0.1         <0.01           WSR03         27/2/2024         Mid-flood         Cloudy         Moderate         B         7         99.80.0 AM         8.3         7.7         34.2         23.2         1.6         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         <	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:52:00 AM	8.8	7.7	33.8	23.1	1.9	3.0	<0.1	<0.01
WSR03 27/2/2024 Mid-flood Cloudy Moderate S 1 9.06.00 AM 8.3 7.7 33.0 23.0 2.2 3.0 <0.1 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0	WSR02	27/2/2024	Mid-flood	Cloudy	Moderate	В	8	8:52:00 AM	8.7	7.7	33.8	23.0	1.9	4.0	<0.1	<0.01
WSR03 27/2/2024 Mid-flood Cloudy Moderate M 4 9.07.00 AM 8.2 7.7 33.1 23.0 2.1 4.0 <.0.1 <.0.01	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:06:00 AM	8.3	7.7	33.1	23.0	2.1	5.0	<0.1	<0.01
WSR03 27/2/2024 Mid-flood Cloudy Moderate M 4 9.07.00 AM 8.3 7.7 33.0 23.0 2.2 5.0 <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 <0	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:06:00 AM	8.3	7.7	33.0	23.0	2.2	3.0	<0.1	<0.01
WSR03 27/2/2024 Mid-flood Cloudy Moderate B 7 9:08:00 AM 8.3 7.7 33.0 23.0 2.2 7.0 <0.1 <0.01 WSR03 27/2/2024 Mid-flood Cloudy Moderate B 7 9:08:00 AM 8.3 7.7 33.1 23.0 2.2 5.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate S 1 9:20:00 AM 8.5 7.7 34.2 23.2 1.6 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate S 1 9:20:00 AM 8.6 7.8 34.2 23.1 1.7 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate M 4 9:21:00 AM 8.6 7.8 34.2 23.1 1.7 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate M 4 9:21:00 AM 8.6 7.7 34.1 23.2 1.7 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate M 4 9:21:00 AM 8.6 7.7 34.1 23.2 1.7 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate B 6 9:22:00 AM 8.6 7.7 34.1 23.2 1.7 3.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate B 6 9:22:00 AM 8.6 7.7 34.0 23.2 1.7 4.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate B 6 9:22:00 AM 8.7 7.7 34.2 23.2 1.7 6.0 <0.1 <0.01 WSR04 27/2/2024 Mid-flood Cloudy Moderate S 1 10:46:00 AM 8.9 7.6 33.9 23.0 2.2 4.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate S 1 10:46:00 AM 8.9 7.6 33.9 23.0 2.2 4.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.2 3.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.2 3.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.2 3.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.2 3.0 <0.1 <0.01 WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.1 4.0 <0.1 <0.01	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:07:00 AM	8.2	7.7	33.1	23.0	2.1	4.0	<0.1	<0.01
WSR03 27/2/2024 Mid-flood Cloudy Moderate B 7 9:08:00 AM 8.3 7.7 33.1 23.0 2.2 5.0 <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 <0	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:07:00 AM	8.3	7.7	33.0	23.0	2.2	5.0	<0.1	<0.01
WSR04 27/2/2024 Mid-flood Cloudy Moderate S 1 9:20:00 AM 8.5 7.7 34.2 23.2 1.6 3.0 <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 <0	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:08:00 AM	8.3	7.7	33.0	23.0	2.2	7.0	<0.1	<0.01
WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         9:20:00 AM         8.6         7.8         34.2         23.1         1.7         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         9:21:00 AM         8.6         7.7         34.1         23.2         1.7         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         9:21:00 AM         8.5         7.7         34.1         23.2         1.7         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         B         6         9:22:00 AM         8.6         7.7         34.0         23.2         1.7         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:46:00 AM         8.9         7.6         33.9         23.0         2.2         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy	WSR03	27/2/2024	Mid-flood	Cloudy	Moderate	В	7	9:08:00 AM	8.3	7.7	33.1	23.0	2.2	5.0	<0.1	<0.01
WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         9:21:00 AM         8.6         7.7         34.1         23.2         1.7         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         9:21:00 AM         8.5         7.7         34.1         23.2         1.7         3.0         <0.1	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:20:00 AM	8.5	7.7	34.2	23.2	1.6	3.0	<0.1	<0.01
WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         M         4         9:21:00 AM         8.5         7.7         34.1         23.2         1.7         3.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         B         6         9:22:00 AM         8.6         7.7         34.0         23.2         1.7         4.0         <0.1         <0.01           WSR04         27/2/2024         Mid-flood         Cloudy         Moderate         B         6         9:22:00 AM         8.7         7.7         34.2         23.2         1.7         6.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:46:00 AM         8.9         7.6         33.9         23.0         2.2         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         M         8         10:47:00 AM         8.9         7.6         33.9         23.0         2.2         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:20:00 AM	8.6	7.8	34.2	23.1	1.7	3.0	<0.1	<0.01
WSR04 27/2/2024 Mid-flood Cloudy Moderate B 6 9:22:00 AM 8.6 7.7 34.0 23.2 1.7 4.0 <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 <0	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:21:00 AM	8.6	7.7	34.1	23.2	1.7	3.0	<0.1	<0.01
WSR16 27/2/2024 Mid-flood Cloudy Moderate B 6 9:22:00 AM 8.7 7.7 34.2 23.2 1.7 6.0 <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 <0	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	M	4	9:21:00 AM	8.5	7.7	34.1	23.2	1.7	3.0	<0.1	<0.01
WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:46:00 AM         8.9         7.6         33.9         23.0         2.2         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:46:00 AM         8.8         7.6         33.9         23.0         2.2         4.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         M         8         10:47:00 AM         8.9         7.6         33.9         23.0         2.2         3.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         M         8         10:47:00 AM         8.9         7.6         33.9         23.0         2.2         3.0         <0.1         <0.01           WSR16         27/2/2024         Mid-flood         Cloudy         Moderate         M         8         10:47:00 AM         8.8         7.6         33.8         23.0         2.1         4.0         <0.1         <0.01	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:22:00 AM	8.6	7.7	34.0	23.2	1.7	4.0	<0.1	<0.01
WSR16 27/2/2024 Mid-flood Cloudy Moderate S 1 10:46:00 AM 8.8 7.6 33.9 23.0 2.2 4.0 <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 <	WSR04	27/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:22:00 AM	8.7	7.7	34.2	23.2	1.7	6.0	<0.1	<0.01
WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.9 7.6 33.9 23.0 2.2 3.0 <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 <	WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:46:00 AM	8.9	7.6	33.9	23.0	2.2	4.0	<0.1	<0.01
WSR16 27/2/2024 Mid-flood Cloudy Moderate M 8 10:47:00 AM 8.8 7.6 33.8 23.0 2.1 4.0 <0.1 <0.01	WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:46:00 AM	8.8	7.6	33.9	23.0	2.2	4.0	<0.1	<0.01
	WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	М	8	10:47:00 AM	8.9	7.6	33.9	23.0	2.2	3.0	<0.1	<0.01
WSR16 27/2/2024 Mid-flood Cloudy Moderate B 15 10:48:00 AM 8.8 7.6 33.9 23.0 2.2 4.0 <0.1 <0.01	WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	M	8	10:47:00 AM	8.8	7.6	33.8	23.0	2.1	4.0	<0.1	<0.01
	WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	В	15	10:48:00 AM	8.8	7.6	33.9	23.0	2.2	4.0	<0.1	<0.01

		Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR16	27/2/2024	Mid-flood	Cloudy	Moderate	В	15	10:48:00 AM	8.9	7.6	33.9	23.0	2.1	4.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:35:00 AM	9.1	7.6	33.7	23.0	1.6	3.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:35:00 AM	9.2	7.6	33.7	22.9	1.7	4.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:36:00 AM	9.1	7.6	33.7	22.9	1.6	4.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	9:36:00 AM	9.2	7.6	33.7	23.0	1.5	4.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:37:00 AM	9.2	7.6	33.6	23.0	1.7	6.0	<0.1	<0.01
WSR33	27/2/2024	Mid-flood	Cloudy	Moderate	В	6	9:37:00 AM	9.1	7.6	33.6	23.0	1.5	4.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:52:00 AM	8.4	7.6	34.0	23.0	2.3	4.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	9:52:00 AM	8.4	7.7	34.0	23.0	2.2	5.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	M	3	9:53:00 AM	8.5	7.7	34.0	23.1	2.2	3.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	М	3	9:53:00 AM	8.4	7.7	34.0	23.0	2.2	3.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	В	5	9:53:00 AM	8.4	7.7	33.9	23.0	2.3	3.0	<0.1	<0.01
WSR36	27/2/2024	Mid-flood	Cloudy	Moderate	В	5	9:53:00 AM	8.4	7.7	33.9	23.0	2.3	3.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:09:00 AM	8.4	7.7	33.8	23.1	2.1	5.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:09:00 AM	8.5	7.6	33.7	23.1	2.1	4.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	M	4	10:10:00 AM	8.4	7.7	33.8	23.1	2.2	4.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	М	4	10:10:00 AM	8.5	7.7	33.8	23.1	2.2	3.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:11:00 AM	8.4	7.7	33.7	23.1	2.1	4.0	<0.1	<0.01
WSR37	27/2/2024	Mid-flood	Cloudy	Moderate	В	7	10:11:00 AM	8.4	7.7	33.8	23.1	2.1	3.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:33:00 AM	8.2	7.7	34.1	22.9	2.0	6.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:33:00 AM	8.3	7.8	34.2	22.9	2.0	4.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	M	7	10:34:00 AM	8.2	7.7	34.1	22.9	2.1	5.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	M	7	10:34:00 AM	8.2	7.7	34.1	22.9	2.0	4.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	В	13	10:35:00 AM	8.2	7.7	34.1	22.9	2.1	9.0	<0.1	<0.01
NF1	27/2/2024	Mid-flood	Cloudy	Moderate	В	13	10:35:00 AM	8.2	7.8	34.1	22.9	2.0	6.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	8.1	7.6	33.8	22.9	1.6	4.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:25:00 AM	8.1	7.6	33.8	22.8	1.6	5.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	M	5	10:26:00 AM	8.1	7.6	33.7	22.8	1.7	5.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:26:00 AM	8.2	7.6	33.8	22.9	1.6	5.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	В	10	10:27:00 AM	8.1	7.6	33.8	22.8	1.7	5.0	<0.1	<0.01
NF2	27/2/2024	Mid-flood	Cloudy	Moderate	В	10	10:27:00 AM	8.1	7.6	33.7	22.8	1.6	6.0	<0.1	<0.01

Professor   Prof	Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) To	otal Chlorine
No.	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:18:00 AM	8.9	7.7	32.9	23.0	2.1	6.0	<0.1	<0.01
NY	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:18:00 AM	8.9	7.7	32.9	22.9	1.9	7.0	<0.1	<0.01
No.	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:19:00 AM	8.9	7.7	33.0	23.0	2.0	5.0	<0.1	<0.01
No.	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	М	6	10:19:00 AM	8.9	7.8	33.0	22.9	2.0	6.0	<0.1	<0.01
CE   29/2/2024   Mail-Blood   Cloudy   Moderate   S   1   11-600 PM   83   79   33.1   23.0   24   3.0   4.0   4.001     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   S   1   11-600 PM   83   79   33.1   23.0   23   4.0   4.01   4.001     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   M   11   11-700 PM   83   79   33.1   23.0   23   4.0   4.0   4.001     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   M   11   11-700 PM   83   79   33.2   23.0   22   4.0   4.0   4.001     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   B   20   11-800 PM   83   79   33.2   23.0   22   4.0   4.0   4.01     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   B   20   11-800 PM   83   79   33.2   23.0   22   4.0   4.0   4.01     CE   29/2/2025   Mail-Blood   Cloudy   Moderate   B   20   11-800 PM   83   80   33.1   23.0   22   25   4.0   4.01     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   S   1   10-1500 AM   80   80   33.1   23.0   23.0   27   4.0   4.01   4.001     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   S   1   10-1500 AM   80   80   33.3   23.3   27   4.0   4.01   4.001     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   S   1   10-1500 AM   80   80   33.3   23.3   27   3.0   4.01   4.001     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   M   10   10-1600 AM   80   80   33.3   23.3   27   3.0   4.0   4.01   4.001     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   M   10   10-1600 AM   80   80   33.3   23.3   23.0   27   2.5   4.0   4.01     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   B   10-1700 AM   80   80   33.3   23.3   23.3   27   2.5   4.0   4.01     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   B   10-1700 AM   80   80   33.3   23.3   23.3   24   2.5   4.0   4.01     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   B   10-1700 AM   80   80   33.3   23.0   23.1   23.0   24   25   4.0   4.01     CF   29/2/2025   Mail-Blood   Cloudy   Moderate   B   10-1700 AM   80   80   33.1   23.0   23.1   23.0   24   25   4.01   4.001     CF   29/2/2025   Mail-Blood   Cloudy   Moderate	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:20:00 AM	9.0	7.7	33.0	22.9	2.0	7.0	<0.1	<0.01
CE   29/2/022   Mid-flood   Cloudy   Moderate   S   1   116-00 PM   83   79   331   211   23   50   401   401   401     CE   29/2/024   Mid-flood   Cloudy   Moderate   M   11   117-00 PM   83   79   331   210   23   30   40   401   401     CE   29/2/025   Mid-flood   Cloudy   Moderate   M   11   117-00 PM   83   79   331   210   22   30   40   401   4001     CE   29/2/025   Mid-flood   Cloudy   Moderate   B   20   118-00 PM   83   79   331   210   22   25   40   401   4001     CE   29/2/025   Mid-flood   Cloudy   Moderate   B   20   118-00 PM   83   80   331   210   22   25   40   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   11   1015-00 AM   89   79   333   233   23   27   40   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   11   1015-00 AM   88   88   833   233   23   27   50   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   M   10   1016-00 AM   89   89   333   233   23   27   30   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   M   10   1016-00 AM   89   88   333   233   23   27   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   M   10   1016-00 AM   89   88   333   233   23   27   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   B   19   1017-00 AM   88   88   79   333   233   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   B   19   1017-00 AM   88   88   79   333   233   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   B   19   1017-00 AM   81   79   335   233   234   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   1   103-00 AM   81   79   325   233   23   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   1   103-00 AM   81   79   325   233   23   24   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   1   103-00 AM   81   79   325   234   234   24   24   25   401   4001     CF   29/2/025   Mid-flood   Cloudy   Moderate   S   1   103-00 AM   81   79   325   325   324	NF3	27/2/2024	Mid-flood	Cloudy	Moderate	В	11	10:20:00 AM	8.9	7.8	33.0	22.9	2.1	4.0	<0.1	<0.01
CE   29/2/2024   Mid-Rood   Cloudy   Moderate   M	CE	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	1:16:00 PM	8.3	7.9	33.1	23.0	2.4	3.0	<0.1	<0.01
CE   29/2/2024   Mid-flood   Cloudy   Moderate   M   11   1:17:08 PM   8.3   8.0   33.1   21.0   2.3   3.0   -0.1   -0.01	CE	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	1:16:00 PM	8.3	8.0	33.1	23.1	2.3	5.0	<0.1	<0.01
CE   29/2/2024   Mid-flood   Cloudy   Moderate   B   20   11/800 PM   8.3   7.9   33.2   23.0   2.2   4.0   -0.1   -0.01     CE   29/2/2024   Mid-flood   Cloudy   Moderate   B   20   11/800 PM   8.3   8.0   33.1   23.0   2.2   2.5   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   S   1   10.1500 AM   8.9   7.9   33.3   23.3   2.7   3.0   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   M   10   10.1600 AM   8.8   8.0   33.3   23.3   2.7   3.0   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   M   10   10.1600 AM   8.8   8.0   33.3   23.3   2.7   3.0   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   M   10   10.1600 AM   8.8   7.9   33.3   23.3   2.7   2.5   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   B   19   10.1700 AM   8.8   7.9   33.3   23.3   2.7   2.5   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   B   19   10.1700 AM   8.8   7.9   33.3   23.3   23.0   2.7   2.5   -0.1   -0.01     CF   29/2/2024   Mid-flood   Cloudy   Moderate   B   19   10.1700 AM   8.8   7.9   33.3   23.3   23.0   2.0   2.5   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   S   1   10.37900 AM   8.1   7.9   32.4   23.3   2.4   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   S   1   10.37900 AM   8.1   7.9   32.4   23.3   2.4   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   B   8   10.4100 AM   8.1   7.9   32.5   23.3   2.3   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   B   8   10.4100 AM   8.1   7.9   32.5   23.4   2.3   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   B   8   10.4100 AM   8.1   7.9   32.5   23.4   23   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   B   8   10.4100 AM   8.1   7.9   32.5   23.4   23   3.0   -0.1   -0.01     WSR01   29/2/2024   Mid-flood   Cloudy   Moderate   B   8   10.4100 AM   8.1   7.9   32.5   23.4   23   3.0   -0.1   -0.01     WSR0	CE	29/2/2024	Mid-flood	Cloudy	Moderate	М	11	1:17:00 PM	8.3	7.9	33.1	23.0	2.3	4.0	<0.1	<0.01
CE   29/2/2024   Mid-flood   Cloudy   Moderate   B   20   1:18:00 PM   8.3   8.0   33.1   23.0   2.2   2.5   <0.1   <0.00	CE	29/2/2024	Mid-flood	Cloudy	Moderate	М	11	1:17:00 PM	8.3	8.0	33.1	23.0	2.3	3.0	<0.1	<0.01
CF   29/2/2024   Mid-Hood   Cloudy   Moderate   S   1   10:15:00 AM   8.9   7.9   33.3   23.3   2.7   4.0   <0.1   <0.01	CE	29/2/2024	Mid-flood	Cloudy	Moderate	В	20	1:18:00 PM	8.3	7.9	33.2	23.0	2.2	4.0	<0.1	<0.01
CF         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:15:00 AM         8.8         8.0         33.3         23.3         2.7         5.0         <0.1         <0.01           CF         29/2/2024         Mid-flood         Cloudy         Moderate         M         10         10:16:00 AM         8.8         7.9         33.3         23.3         2.7         3.0         <0.1         <0.01           CF         29/2/2024         Mid-flood         Cloudy         Moderate         M         10         10:16:00 AM         8.8         7.9         33.3         23.3         2.7         2.5         <0.1         <0.01           CF         29/2/2024         Mid-flood         Cloudy         Moderate         8         19         10:17:00 AM         8.8         8.0         33.3         23.3         2.6         2.5         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:39:00 AM         8.1         7.9         32.4         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         M	CE	29/2/2024	Mid-flood	Cloudy	Moderate	В	20	1:18:00 PM	8.3	8.0	33.1	23.0	2.2	2.5	<0.1	<0.01
GF         29/2/2024         Mid-flood         Cloudy         Moderate         M         10         10:16:00 AM         8.8         7.9         33.3         23.3         2.7         3.0         <0.1         <0.01           GF         29/2/2024         Mid-flood         Cloudy         Moderate         M         10         10:16:00 AM         8.9         8.0         33.4         23.3         2.7         2.5         <0.1	CF	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:15:00 AM	8.9	7.9	33.3	23.3	2.7	4.0	<0.1	<0.01
CF 29/2/2024 Mid-flood Cloudy Moderate M 10 10:16:00 AM 8.9 8.0 33.4 23.3 2.7 2.5 <0.1 <0.01  CF 29/2/2024 Mid-flood Cloudy Moderate B 19 10:17:00 AM 8.8 7.9 33.3 23.3 26 2.5 <0.1 <0.01  CF 29/2/2024 Mid-flood Cloudy Moderate B 19 10:17:00 AM 8.8 8.0 33.3 23.4 2.7 2.5 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate S 1 10:39:00 AM 8.1 7.9 32.4 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate S 1 10:39:00 AM 8.1 7.9 32.4 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate S 1 10:39:00 AM 8.1 7.9 32.5 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate M 5 10:40:00 AM 8.1 7.9 32.5 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate M 5 10:40:00 AM 8.1 7.9 32.5 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate M 5 10:40:00 AM 8.1 7.9 32.5 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.5 23.3 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.5 23.4 2.3 3.0 <0.1 <0.01  WSR01 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.5 23.4 2.3 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.5 23.4 2.3 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.4 23.4 23.4 2.3 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 7.5 7.8 33.8 23.2 1.9 7.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate M 5 10:59:00 AM 7.5 7.8 33.8 23.2 1.9 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.8 33.8 23.1 1.8 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.9 23.2 1.8 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01  WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01  WSR03 29/2/2024 Mid-	CF	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:15:00 AM	8.8	8.0	33.3	23.3	2.7	5.0	<0.1	<0.01
GF         29/2/2024         Mid-flood         Cloudy         Moderate         B         19         10:17:00 AM         8.8         7.9         33.3         23.3         2.6         2.5         <0.1         <0.01           GF         29/2/2024         Mid-flood         Cloudy         Moderate         B         19         10:17:00 AM         8.8         8.0         33.3         23.4         2.7         2.5         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:39:00 AM         8.1         7.9         32.4         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:39:00 AM         8.1         7.9         32.5         23.3         2.4         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         M         5         10:40:00 AM         8.1         7.9         32.5         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy	CF	29/2/2024	Mid-flood	Cloudy	Moderate	М	10	10:16:00 AM	8.8	7.9	33.3	23.3	2.7	3.0	<0.1	<0.01
CF   29/2/2024   Mid-flood   Cloudy   Moderate   B   19   10:17:00 AM   8.8   8.0   33.3   23.4   2.7   2.5   <0.1   <0.01	CF	29/2/2024	Mid-flood	Cloudy	Moderate	М	10	10:16:00 AM	8.9	8.0	33.4	23.3	2.7	2.5	<0.1	<0.01
WSR01         29/Z/2024         Mid-flood         Cloudy         Moderate         S         1         10:39:00 AM         8.1         7.9         32.4         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/Z/2024         Mid-flood         Cloudy         Moderate         S         1         10:39:00 AM         8.1         7.8         32.4         23.3         2.4         3.0         <0.1	CF	29/2/2024	Mid-flood	Cloudy	Moderate	В	19	10:17:00 AM	8.8	7.9	33.3	23.3	2.6	2.5	<0.1	<0.01
WSR01 29/2/2024 Mid-flood Cloudy Moderate S 1 10:39:00 AM 8.1 7.8 32.4 23.3 2.4 3.0 <.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 < .0.0	CF	29/2/2024	Mid-flood	Cloudy	Moderate	В	19	10:17:00 AM	8.8	8.0	33.3	23.4	2.7	2.5	<0.1	<0.01
WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         M         5         10:40:00 AM         8.1         7.9         32.5         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         M         5         10:40:00 AM         8.1         7.9         32.5         23.3         2.3         3.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         B         8         10:41:00 AM         8.1         7.9         32.5         23.4         2.3         4.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         B         8         10:41:00 AM         8.1         7.9         32.4         23.4         23         4.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:58:00 AM         7.5         7.8         33.8         23.2         1.9         7.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:39:00 AM	8.1	7.9	32.4	23.3	2.3	3.0	<0.1	<0.01
WSR01 29/2/2024 Mid-flood Cloudy Moderate M 5 10:40:00 AM 8.1 7.8 32.4 23.4 2.4 2.5 <0.1 <0.01 WSR01 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.5 23.4 2.3 4.0 <0.1 <0.01 WSR01 29/2/2024 Mid-flood Cloudy Moderate B 8 8 10:41:00 AM 8.1 7.9 32.4 23.4 2.3 3.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 7.5 7.8 33.8 23.2 1.8 4.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 7.5 7.8 33.8 23.2 1.9 7.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 7.5 7.8 33.8 23.2 1.9 7.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate M 5 10:59:00 AM 7.5 7.8 33.8 23.2 1.9 3.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate M 5 10:59:00 AM 7.6 7.8 33.8 23.1 1.8 2.5 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.9 23.2 1.8 3.0 <0.1 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.9 23.2 1.8 3.0 <0.1 <0.01 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.9 23.2 1.8 3.0 <0.1 <0.01 <0.01 WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01 <0.01 WSR03 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01 <0.01 WSR03 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01 <0.01 WSR03 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <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	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:39:00 AM	8.1	7.8	32.4	23.3	2.4	3.0	<0.1	<0.01
WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         B         8         10:41:00 AM         8.1         7.9         32.5         23.4         2.3         4.0         <0.1         <0.01           WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         B         8         10:41:00 AM         8.1         7.9         32.4         23.4         2.3         3.0         <0.1	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:40:00 AM	8.1	7.9	32.5	23.3	2.3	3.0	<0.1	<0.01
WSR01         29/2/2024         Mid-flood         Cloudy         Moderate         B         8         10:41:00 AM         8.1         7.9         32.4         23.4         2.3         3.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:58:00 AM         7.5         7.8         33.8         23.2         1.8         4.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy         Moderate         S         1         10:58:00 AM         7.5         7.8         33.9         23.2         1.9         7.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy         Moderate         M         5         10:59:00 AM         7.5         7.8         33.8         23.2         1.9         3.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy         Moderate         B         9         11:00:00 AM         7.6         7.9         33.8         23.2         1.8         3.0         <0.1         <0.01           WSR02         29/2/2024         Mid-flood         Cloudy	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:40:00 AM	8.1	7.8	32.4	23.4	2.4	2.5	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 7.5 7.8 33.8 23.2 1.8 4.0 <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 <	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:41:00 AM	8.1	7.9	32.5	23.4	2.3	4.0	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate S 1 10:58:00 AM 7.5 7.8 33.9 23.2 1.9 7.0 <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 <	WSR01	29/2/2024	Mid-flood	Cloudy	Moderate	В	8	10:41:00 AM	8.1	7.9	32.4	23.4	2.3	3.0	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate M 5 10:59:00 AM 7.5 7.8 33.8 23.2 1.9 3.0 <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 <	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	7.5	7.8	33.8	23.2	1.8	4.0	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate M 5 10:59:00 AM 7.6 7.8 33.8 23.1 1.8 2.5 <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 <	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	10:58:00 AM	7.5	7.8	33.9	23.2	1.9	7.0	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.9 23.2 1.8 3.0 <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 <	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	M	5	10:59:00 AM	7.5	7.8	33.8	23.2	1.9	3.0	<0.1	<0.01
WSR02 29/2/2024 Mid-flood Cloudy Moderate B 9 11:00:00 AM 7.6 7.9 33.8 23.2 1.8 3.0 <0.1 <0.01	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	М	5	10:59:00 AM	7.6	7.8	33.8	23.1	1.8	2.5	<0.1	<0.01
	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:00:00 AM	7.6	7.9	33.9	23.2	1.8	3.0	<0.1	<0.01
WSR03 29/2/2024 Mid-flood Cloudy Moderate S 1 11:11:00 AM 7.9 7.8 33.2 23.2 1.8 4.0 <0.1 <0.01	WSR02	29/2/2024	Mid-flood	Cloudy	Moderate	В	9	11:00:00 AM	7.6	7.9	33.8	23.2	1.8	3.0	<0.1	<0.01
	WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	7.9	7.8	33.2	23.2	1.8	4.0	<0.1	<0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	pН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:11:00 AM	7.9	7.9	33.3	23.1	1.9	3.0	<0.1	< 0.01
WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:12:00 AM	7.9	7.8	33.3	23.1	1.8	5.0	<0.1	<0.01
WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:12:00 AM	7.9	7.8	33.3	23.1	1.8	4.0	<0.1	<0.01
WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:13:00 AM	8.0	7.8	33.3	23.2	1.8	2.5	<0.1	<0.01
WSR03	29/2/2024	Mid-flood	Cloudy	Moderate	В	7	11:13:00 AM	7.9	7.9	33.2	23.2	1.8	4.0	<0.1	<0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:25:00 AM	8.4	7.8	32.9	23.1	2.3	5.0	<0.1	< 0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:25:00 AM	8.4	7.8	32.8	23.2	2.3	4.0	<0.1	<0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	М	3	11:26:00 AM	8.5	7.9	32.8	23.1	2.3	4.0	<0.1	<0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	М	3	11:26:00 AM	8.4	7.8	32.8	23.2	2.2	5.0	<0.1	<0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:27:00 AM	8.4	7.9	32.8	23.2	2.1	8.0	<0.1	< 0.01
WSR04	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:27:00 AM	8.4	7.9	32.9	23.2	2.2	5.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:55:00 PM	8.7	7.9	33.0	23.2	2.2	3.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:55:00 PM	8.7	7.9	33.0	23.2	2.2	4.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:56:00 PM	8.8	7.9	33.0	23.2	2.2	3.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	М	8	12:56:00 PM	8.7	7.8	33.0	23.2	2.2	4.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	В	15	12:57:00 PM	8.7	7.9	33.0	23.2	2.1	5.0	<0.1	<0.01
WSR16	29/2/2024	Mid-flood	Cloudy	Moderate	В	15	12:57:00 PM	8.6	7.8	33.1	23.2	2.2	4.0	<0.1	< 0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:42:00 AM	7.6	7.8	33.8	23.2	2.2	3.0	<0.1	<0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:42:00 AM	7.5	7.8	33.8	23.3	2.1	5.0	<0.1	< 0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:43:00 AM	7.6	7.7	33.7	23.3	2.1	3.0	<0.1	<0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	11:43:00 AM	7.6	7.7	33.7	23.3	2.1	3.0	<0.1	< 0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:44:00 AM	7.6	7.8	33.7	23.2	2.1	4.0	<0.1	<0.01
WSR33	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	11:44:00 AM	7.6	7.8	33.8	23.3	2.1	5.0	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:59:00 AM	8.7	8.0	33.0	23.0	2.3	2.5	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	11:59:00 AM	8.6	8.1	32.9	23.0	2.1	2.5	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	М	3	12:00:00 PM	8.7	8.0	32.9	23.0	1.9	3.0	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	М	3	12:00:00 PM	8.6	8.0	32.9	23.0	2.2	3.0	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	12:00:00 PM	8.6	8.0	32.9	23.0	2.4	4.0	<0.1	<0.01
WSR36	29/2/2024	Mid-flood	Cloudy	Moderate	В	6	12:00:00 PM	8.6	8.1	32.9	23.0	2.1	3.0	<0.1	<0.01
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:16:00 PM	7.6	8.0	32.4	23.3	2.0	6.0	<0.1	<0.01
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:16:00 PM	7.6	8.0	32.4	23.3	2.0	3.0	<0.1	< 0.01

Location	Date	Tidal	Weather	Sea Condition	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (¢XC)	Turbidty (NTU)	SS (mg/L)	Iron (mg/L) T	otal Chlorine
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	12:17:00 PM	7.6	8.0	32.5	23.3	2.0	2.5	<0.1	<0.01
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	М	4	12:17:00 PM	7.7	7.9	32.5	23.3	2.0	3.0	<0.1	<0.01
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	В	7	12:18:00 PM	7.6	8.0	32.4	23.3	2.0	5.0	<0.1	<0.01
WSR37	29/2/2024	Mid-flood	Cloudy	Moderate	В	7	12:18:00 PM	7.6	7.9	32.5	23.3	2.0	6.0	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:40:00 PM	8.3	7.9	32.6	23.1	1.7	3.0	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:40:00 PM	8.3	8.0	32.6	23.0	1.7	5.0	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	М	7	12:41:00 PM	8.3	8.0	32.6	23.0	1.7	2.5	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	М	7	12:41:00 PM	8.3	8.0	32.7	23.0	1.7	2.5	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	В	12	12:42:00 PM	8.3	8.0	32.6	23.0	1.7	4.0	<0.1	<0.01
NF1	29/2/2024	Mid-flood	Cloudy	Moderate	В	12	12:42:00 PM	8.4	7.9	32.6	23.0	1.7	2.5	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:32:00 PM	7.4	7.8	33.3	23.2	2.3	4.0	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:32:00 PM	7.4	7.8	33.3	23.1	2.4	4.0	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	М	5	12:33:00 PM	7.4	7.8	33.3	23.1	2.3	3.0	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	М	5	12:33:00 PM	7.3	7.8	33.3	23.1	2.3	3.0	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	В	9	12:34:00 PM	7.4	7.8	33.3	23.2	2.4	4.0	<0.1	<0.01
NF2	29/2/2024	Mid-flood	Cloudy	Moderate	В	9	12:34:00 PM	7.4	7.8	33.3	23.2	2.0	2.5	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:25:00 PM	8.3	8.0	32.7	23.1	2.1	3.0	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	S	1	12:25:00 PM	8.2	7.9	32.7	23.1	2.1	4.0	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	М	6	12:26:00 PM	8.3	7.9	32.6	23.1	2.1	3.0	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	М	6	12:26:00 PM	8.2	8.0	32.7	23.1	2.1	2.5	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	В	11	12:27:00 PM	8.2	8.0	32.6	23.0	2.1	3.0	<0.1	<0.01
NF3	29/2/2024	Mid-flood	Cloudy	Moderate	В	11	12:27:00 PM	8.2	7.9	32.6	23.1	2.1	4.0	<0.1	<0.01

Contract Title: Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant
Contract No.: 13/WSD/17

Serial No.	Monitoring Equipment	Last Calibration
254938	GMI-PS500	22/8/2023

Monitoris -	Moulsing tray -1-1	Dete	T'	Weather Condition		Landfill Gas	Parameters		Physical Parameters		Measu	ured by
Monitoring Location	Working trench/ Pit	Date (dd/mm/yyyy)	Time (hh:mm)	Sunny/ Fine/ Overcast/ Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	Trench/ Pit Depth (m)	Name	Signature
			08:30 (before work)	Fire	0	20.9	0,03	0	23-2/1015	41	San Heity	32 M
Ch1+120	Washout chambers	19 /2/2024	13:30	Fine	0	20.9	0.03	0	25.01 1015	<u> </u>	Son Hei Tuz	33/1
			15:30	Fine	0	20.9	0-03	0	24-9/ 1015	41	Con Hei Tu	33171
			08:30 (before work)	Fine	0	20.9	0.03	0	23.2/ 1015	<1	San Hei Tur	23.A
Ch0+800	Air-valve pit	19 /2/2024	13:30	Fine	0	20.9	0,03	0	25.01 1015	41	San Hei In	2-
			15:30	Fine	0	20.9	0,03	0	248/ 1013	۷١	San Heiry	50
			08:30 (before work)	Fine	0	20.9	0.03	0	24.2/ 1015	<b>C</b> 1	San Hei Ty	22-
Ch1+120	Washout chambers	20/2/2024	13:30	Fine	0	20,9	0-03	0	25,8/ 1014	<u> </u>	Ean Hei my	7.0.
			15:30	Fine	0	20,9	0.03	0	25.81 1014	21	San Heity	
			08:30 (before work)	Fire	0	20.9	0-03	0	24-3/ 1015	21	Santeitur	_
Ch0+800	Air-valve pit	20 /2 /2024	13:30	Fine	0	20,9	0.03	0	25.8/ 1014	<b>C</b>	San Hei Tr	- 0
			15:30	Fine	0	20,8	0.03	0	2571 1014	41	San BeiTay	
			08:30 (before work)	Fine	0	20,9	0.03	0	24-7/ 1014	<b>C1</b>	San Heiry	
Ch1+120	Washout chambers	21/2/2024	13:30	Suny	0	20-9	0.03	0	26-8/ 1014		San Hei Ty	7.0
			15:30	Sunny	0	20,9	0.03	0	27.21 1015		San Heiry	23 A
			08:30 (before work)	Fine	0	20,9	0.03	0	24-7/ 1014	( )	San Heira	22101
Ch0+800	Air-valve pit	21/2/2024	13:30	Sunny	0	20.9	0.03	0	27.01 1014	<u> </u>	Say Heirs	23m
			15:30	Sunny	0	20,9	0.03	0	27-41 1015	41	San Heirer	22701
			08:30 (before work)	hazy	0	20-9	0.03	0	24.51 1016	<1	San Hei Tu	23/01
Ch1+120	Washout chambers	22/2/2024	13:30	fine	0	20.9	0,00	0	25.11 1016	CI	San Hei Im	33 M
			15:30	fine	0	20,8	0,03	0	25.1/ 1016	41	Yen Hei Tun	22191
			08:30 (before work)	hazy	Ø	20.9	0.03	0	24.5/ 1016	1	ran Hei hu	32 R1
Ch0+800	Air-valve pit	72/2/2024	13:30	fine	0	20,9	0.63	0	25.01 1016		San Hei Tus	^
			15:30	fine	6	70,9	0.03	0	25-1/ 1016		an Hei Ty	

Contract Title :
Contract No. :

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

13/WSD/17

Serial No.	Monitoring Equipment	Last Calibration
254938	GMI-PS500	22/8/2023

			\M/		I ICH O					J	
Working trench/	Date	Time			Landfill Gas	Parameters		Physical Parameters	Trench/ Pit Denth	Measu	ured by
Pit	(dd/mm/yyyy)	(hh:mm)	Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	(m)	Name	Signature
		08:30 (before work)	Sunny	0	20.9	0-03	0	20-3 / 1020	ĊI	San Hei Tu	321701
Washout chambers	14/2/2024	13:30					9	/	12		,
		15:30									
		08:30 (before work)	Sunny	0	20-9	0.03	0	20-3/1020	41	Sanleitn	23.R1
Air-valve pit	14/2/2024	13:30						/	S).	20112111	
Ī		15:30									
		08:30 (before work)	Sunny	0	26.9	0.04	0	23.5/1020	()	San Heity	33 PM
Washout chambers	15/2/2024	13:30	, ,	0	20.8	0.03	0	25.01 1020	CI	. 0	3
		15:30	Sunny	0	20.9	0,03	0	25-2/ 1018	۷١		
		08:30 (before work)	Sunny	0	20.9	0.03	1	23-7 / 1020	(1	San Heim	LIM
Air-valve pit	15/2/2024	13:30	Sunny	0	20.9	0.03	0	25.0 / 1020	()	, ,	_
		15:30	Sunny	0	20,9	0.03	0	25,3/1018			
		08:30 (before work)	Sunny	0	26.8	0.03	0	20.6/1020	<b>C</b> 1		
Washout chambers	16 12/2024	13:30	Fine	0	26.9	0.03	0	19-2/ 1020	41	. 0	ZIA
		15:30	Fine	0	20.9	0.03	0	19.5/ 1019	۷١		
		08:30 (before work)	Sunny	0	20.8	0.03	0	20-5/ 1020		. 0	_
Air-valve pit	16/2/2024	13:30	Fine	0	20,9	0.03	0	19-2/ 1020	۷۱	. "	33 R1
		15:30	Fine	0	20.9	0.03	0	19-5/ 1019	۷۱		33.A1
		08:30 (before work)	Fine	0	20-8	0-03	ð	19-3 / 1016	۷)	, 0	ZZAI
Washout chambers	i7 /2/2024	13:30	Fine	0	20.9	0.03	0	21-51 1017	۷١	. ,	22/A
		15:30	Fine	6	26,9	6-03	0	21-3/ 1017	41	U	7
		08:30 (before work)	Fine	0	20-8	0.03	0	19-3/ 1007	<i>1</i> . 1	•	23.00
Air-valve pit	17 /2/2024	13:30	Fine	O	20.9	0.03	0	21.5/ 1017		. 0	23/1
		15:30	F-ine	6	20.9	0.63	6	21-3/ 1017		an Heitu	<u> </u>
	Washout chambers  Air-valve pit  Washout chambers  Air-valve pit  Washout chambers  Air-valve pit	Pit (dd/mm/yyyy)  Washout chambers	Pit       (dd/mm/yyyy)       (hh:mm)         Washout chambers       1 ¼ / ½/2024       08:30 (before work)         Air-valve pit       1 ¼ / ½/2024       08:30 (before work)         Washout chambers       1 ⅓ / ½ / ½ / ½ / ½ / ½ / ½       08:30 (before work)         Air-valve pit       1 ⅙ / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 ⅙ / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 ⅙ / ½ / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 ⅙ / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Washout chambers       1 1 / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Washout chambers       1 1 / ½ / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 1 / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 1 / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 1 / ½ / ½ / ½ / ½ / ½ / ½       13:30         Air-valve pit       1 1 / ½ / ½ / ½ / ½ / ½ / ½       13:30	Pit   (dd/mm/yyyy)   (hh:mm)   Sunny/Fine/Overcast/Drizzle/Rain/Storm/Hazy	Date	Date	Date   Carbon Dioxide (hh:mm)   Carbon Working trench   Pit   (dd/mm/yyyy)   (hi:mm)   Sunny/Fine/Overcast/ Drizzle/Rain/Storm/Hazy   Methane (%LEL)   Oxygen (%)   Carbon Dioxide (%)	Date   Charmonic   Charmonic	Washout chambers   14/2/2024   13:30   15:30     15:30	Date   Pit   Odd/mm/yyyy   Time   (bit/mm)   Summy  Fine   Oversest   Dizzle Rain Storm   Hazy   Diz	Washout chambers   14/1/2024   13:30   Sunny   Plant   Sunny

Checked by : Η. Γ. Υρη ΑΙΔΟΝ

Date : 17 - 2 - 7 - 2 - 4

Contract Title:
Contract No.:

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

13/WSD/17

Serial No.	Monitoring Equipment	Last Calibration
254938	GMI-PS500	22/8/2023

Mandtadad	Madina to a shot	Dut	T.	Weather Condition		Landfill Gas	Parameters		Physical Parameters		Measu	ured by
Monitoring Location	Working trench/ Pit	Date (dd/mm/yyyy)	Time (hh:mm)	Sunny/ Fine/ Overcast/ Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	Trench/ Pit Depth (m)	Name	Signature
			08:30 (before work)	Fine	0	20-9	0.03	0	18.5 / 1018	<b>C</b> I	lan Heity	33101
Ch1+120	Washout chambers	6 / <sub>2</sub> /2024	13:30	Fine	0	20-9	0.03	0	19-6/1019	۷1	San Heitur	7 7.0
-			15:30	Fine	0	20.8	0.03	0	19-8/ 1019	۷1	San Hei Im	20.00
			08:30 (before work)	Fine	0	20-9	0.03	0	18.5/ 1018	۷١	San Hei Tur	133191
Ch0+800	Air-valve pit	6/2/2024	13:30	Fine	0	20.9	0,03	6	196/ 1019	41	San HeiTur	710
			15:30	Fine	0	20.8	0.03	0	19-9/ 1019	41	San Hei Tuz	2 2
			08:30 (before work)	Drizzle	0	20-9	0.03	0	17-51 1019	۷1	an Heirus	33/17
Ch1+120	Washout chambers	7/2/2024	13:30	Drizzle	0	20.9	0.03	0	16-3/ 1017	41	Can Hei Try	23/11
			15:30	Drizzle	0	20.9	0.03	0	15.7/ 1017	41	San Hei Tus	-21 M
			08:30 (before work)	Drizzle	0	20.9	0.03	0	17.51 1019	<b>C</b> 1	San Hei Try	3217
Ch0+800	Air-valve pit	7/2/2024	13:30	Drizzle	0	20,9	0.03	0	16-3 / 1017	41	San HeiTing	73m
			15:30	Drizzle	0	20.9	0.03	0	15.7/ 1017	41	San Hei Try	73.A
			08:30 (before work)	Kain	0	20-8	0-03	0	11.8/ 1018	41	San Hei Tun	700
Ch1+120	Washout chambers	8 /2/2024	13:30	Fine	0	20.9	0.03	0	12.6/ 1018	41	San Hei Tuy	212
			15:30	Fine	0	20-9	0.03	Ø	12-5/ 1018	41	San Hei Tung	
,			08:30 (before work)	Rain	0	20-8	0.03	0	11-8 / 1018	41	San Hei Tuy	22/01
Ch0+800	Air-valve pit	8 / 2/2024	13:30	Fine	0	209	0,03	0	12.7/ 1018	41	San Hei Tuz	0,
			15:30	Fine	0	20,9	0.03	0	125/ 1018	41	San Hei Try	2301
			08:30 (before work)	Fine	0	20-9	0-03	0	11-5 / 1020	41	San Hei Tu	-83M
Ch1+120	Washout chambers	9/2/2024	13:30	Fine	0	20-9	0.03	0	12.2/ 1020	41	San Hei Tus	7
			15:30			,			/		′	
			08:30 (before work)	Fine	0	20.7	0.03	0	11-5 / 1020	41	San Hei Try	STA
Ch0+800	Air-valve pit	9 12 12024	13:30	Fine	0	20,9	0,03	0	12.1 / 1020	۷١.	San Hei Try	7 -
			15:30									

Checked by: 4. F Yau WA IOW &

Contract Title :
Contract No. :

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

13/WSD/17

Serial No.	Monitoring Equipment	Last Calibration
254938	GMI-PS500	22/8/2023

				27				201000	OWIF1 0000	22/0/2020	1	
Monitoring	Working trench/	Date	Time	Weather Condition		Landfill Gas	Parameters		Physical Parameters	Transh / D't D = "	Measu	ured by
Location	Pit	(dd/mm/yyyy)	(hh:mm)	Sunny/ Fine/ Overcast/ Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	Trench/ Pit Depth (m)	Name	Signature
			08:30 (before work)	Overast	0	20.9	0-04	0	21-2 / 1017	41	SanHeitus	22A
Ch1+120	Washout chambers	1 /2/2024	13:30	Fine	0	26,9	0.03	0	23.5/1017	۷١	San HeiTu	
			15:30	Fine	0	20-8	0.03	0	22-3/1017	۷١	San Heitus	2 4 0
			08:30 (before work)	Overcask	0	20.9	0.03	0	21.2 / 1017	۷١	SanHeiTus	2 - 0
Ch0+800	Air-valve pit	1/2/2024	13:30	Fine	0	20,9	6.03	0	23.5 / 1017	41	Som Heity	-
			15:30	Fine	0	20.9	0.03	0	22.3/ 1017	41	San Heitz	22 A3
			08:30 (before work)	OverCast	0	26.8	0.03	0	20-3/ 1617	41	San Hei Ty	SIA
Ch1+120	Washout chambers	2/2/2024	13:30	Overcast	0	20.9	0-03	0	23.51 1018	<1	San Heiry	2.0
			15:30	Overcast	0	20,9	0.03	0	24.2/ 1018	۷1	San Hei Tyr	-
			08:30 (before work)	Overcast	0	20-8	0,03	0	20-3/ 1017	<1	-	23.107
Ch0+800	Air-valve pit	2/2/2024	13:30	Overcost	0	20.9	0.03	0	23.5/ 1018	41	0 1	33.191
			15:30	Overcast	0	20.9	0,03	0	24-2/ 1018	۷.	San Hel Ty	
			08:30 (before work)	Fine	0	20.8	0.03	0	19.7/ 1018	CI	Sanleity	
Ch1+120	Washout chambers	3 /2/2024	13:30	Fine	0	20.8	0-03	0	20-4/ 1018	CI	San Heirz	82 A
			15:30	Fine	0	20.9	0.03	0	21.3 / 1018		San Hei Try	32M
			08:30 (before work)	Fine	0	20.8	0.03	0	19.8 / 1018		San Heizz	JI AT
Ch0+800	Air-valve pit	3 /2/2024	13:30	Fine	0	20.9	0.04	0	20-5/ 1018		San Hei Tur	33 A
			15:30	Fine	6	20,9	0.03	0	21-1/1018	41	San Hi, Try	ZZA
			08:30 (before work)	Fine	0	20.9	0.03	ð	20-7/1018	41	San Hei Tra	Lip
Ch1+120	Washout chambers	51 <sub>2</sub> 12024	13:30	Fine	0	26.9	0-03	0	21-3 / 1018		San Hei En	33M
			15:30	Fine	0	20.9	0.03	0	20-8/ 1018		San Heiry	
			08:30 (before work)	Fine	0	20.9	0.03	0	20.7/ 1018		SanHeiry	23M
Ch0+800	Air-valve pit	5 12/2024	13:30	Fine	0	20.9	0.03	0	21-4/ 1018	ا ، ر	an Heiry	33.A1
			15:30	Fine	6	20.9	0.03	0	20.8/ 1018		em Heir	33 A

Checked by: You Hiv tung AT

Contract Title: Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Contract No.: 13/WSD/17

Serial No. Monitoring Equipment Last Calibration
254938 GMI-PS500 22/8/2023

								234330	GIVII-F3500	22/8/2023	_	
Monitoring	Working trench/	Date	Time	Weather Condition		Landfill Gas	Parameters		Physical Parameters	T 1/2" 2 "	Measu	red by
Location	Pit	(dd/mm/yyyy)	(hh:mm)	Sunny/ Fine/ Overcast/ Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	Trench/ Pit Depth (m)	Name	Signature
			08:30 (before work)	Fine	0	20.9	0-03	0	20-7 / 1019	41	SanHeiTur	321A
Ch1+120	Washout chambers	23/2/2024	13:30	Fine	0	20.9	2.03	0	22-3 / 1019	41		7710
			15:30	Fine	0	20-9	0.03	0	22.1/1019	۷١	San Hei Tur	270
			08:30 (before work)	Fine	0	20.9	0-03	0	20.7 / 1019	<b>د</b> ا	San Hei Tuz	23.R1
Ch0+800	Air-valve pit	23 /2/2024	13:30	Fine	0	20.9	0.03	0	22-3 / 1019	41	San Hei Tur	33A7
			15:30	Fine	0	20.9	0.03	0	22-1 / 1019	41	San Hei Tuz	23/01
			08:30 (before work)	Fine	0	20.8	0.03	0	20-5/ 1020	<u> </u>	SanHei Tuz	
Ch1+120	Washout chambers	24/2/2024	13:30	Fine	0	20.9	0.03	0	18-7/1021	41		7 7 0
			15:30	Fine	0	20.9	0.03	0	17-8/ 1021	CI	4	83/A
			08:30 (before work)	Fine	0	20.8	0.03	0	20-5/ 1020	41	San Hei Try	2300
Ch0+800	Air-valve pit	24/2/2024	13:30	Fine	0	20.9	0.03	0	18.7/ 1021			33 A1
			15:30	Fine	0	20.9	0.03	0	17.8 / 1021	41	- 0	23M
			08:30 (before work)	Fine	0	20.9	0.03	0	18-3/ 1021	41	San Heiry	22A
Ch1+120	Washout chambers	26/2/2024	13:30	Fine	0	20.9	0.03	0	20.2 / 1021	41		22007
			15:30	Fine	0	20.9	0.03	0	20-4/ 1021	۷1		2200
			08:30 (before work)	Fine	0	20,9	0.03	0	18-3 / 1021		70	220
Ch0+800	Air-valve pit	26/2/2024	13:30	Fine	0	20.9	0-03	0	20,2/ 1021		. (/	2307
			15:30	Fine	0	20,9	0.03	0	20-4/ 1020	2 1		22A1
			08:30 (before work)	Fine	0	20,9	0.03	0	16-8 / 1021		7	23 A1
Ch1+120	Washout chambers	27 /2 /2024	13:30	Fine	0	20.9	0.03	0	18-4 / 1020			22A
	_		15:30	Fine	0	20.8	0.03	0	18-2/1020		San Hity.	ZZA
			08:30 (before work)	Fine	0	20.9	0.03	0	16.8 / 1021		. 0	121A1
Ch0+800	Air-valve pit	27/2/2024	13:30	Fine	0	20.9	0.03	0	18-4/ 1020	- 1		23/01
			15:30	Fine	0	20.9	0.03	6	18.2/ 1020	1	a l	33M

Checked by: Yon Hiy Fung AIW

Date: 27-2.2-24

Contract Title :
Contract No. :

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

13/WSD/17

Serial No. Monitoring Equipment Last Calibration
254938 GMI-PS500 22/8/2023

Contractive		13/ ((3D/17						234930	GWI-P3300	22/0/2023		
Monitoring	Working trench/	Date	Time	Weather Condition		Landfill Gas	Parameters		Physical Parameters	Transh / Dit Danth	Measu	ured by
Location	Pit	(dd/mm/yyyy)	(hh:mm)	Sunny/ Fine/ Overcast/ Drizzle/ Rain/ Storm/ Hazy	Methane (%LEL)	Oxygen (%)	Carbon Dioxide (%)	Balance Gas (%) (e.g. H2S)	Temp (°C) / Pressure mBar	Trench/ Pit Depth (m)	Name	Signature
			08:30 (before work)	Fine	0	20-9	0-03	0	18-6/1019	4	San Heitus	83181
Ch1+120	Washout chambers	28/2/2024	13:30	Fine	0	20,9	0-03	ð	19-0/1018	CI	Sou Hei Tuy	
			15:30	Fine	0	20.9	0.03	0	19-2/ 1018	41	San Hei In	
			08:30 (before work)	Fine	0	20.9	7.03	0	18.6 / 1019	41	San Heirung	32M
Ch0+800	Air-valve pit	28/2/2024	13:30	Fine	0	26.9	0.03	0	19.01 1018	CI	San Hi Tuy	
			15:30	Fine	0	20.9	0,03	0	19-2/ 1018	4	San Hi Lu	~
	i i		08:30 (before work)	Fine	0	20.9	0.03	0	20-3/ 1018	l	San Itei Ty	3 = -
Ch1+120	Washout chambers	29/2/2024	13:30	Fine	0	20,9	0.03	0	18-7/ 1017	ĺ	Santeity	
			15:30	Fine	0	20.9	0-03	0	17-51 1017	Či	Sæntlei he	
			08:30 (before work)	Fine	0	20-8	0-03	0	20-3/ 1018	41	Sue Heily	1
Ch0+800	Air-valve pit	29/2/2024	13:30	Fine	0	20.9	0.03	0	18.7/ 1017	(1)	,,,,,,	22R1
			15:30	Fine	0	20.9	0-03	0	17-5 / 1017		San Hi Tuy	
			08:30 (before work)						/	,	2	37.4
Ch1+120	Washout chambers	1/3/2024	13:30						/			
			15:30						/			
			08:30 (before work)						/			
Ch0+800	Air-valve pit	1 / 3/2024	13:30						/			
			15:30						/			
			08:30 (before work)						/			
Ch1+120	Washout chambers	/ /2024	13:30						/			
			15:30						/			
			08:30 (before work)						/			
Ch0+800	Air-valve pit	/ /2024	13:30						/			
			15:30						/			

Checked by: Yay Hing Fung Alow
Date: 29-2-7024





# Appendix H

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 2024 (year)

W.		Actual Quan	tities of Inert C&I	D Materials Genera	ted Monthly			Actual Quantities	of C&D Wastes (	Generated 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	*22448.146	0.000	0.000	21883.006	*565.140	0.000	0.000	0.000	0.000	0.000	*39.580
Mar											
Apr											
May											
Jun											
Sub-total	27426.491	0.000	0.000	26550.751	875.740	0.000	0.000	0.000	0.000	0.000	117.380
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	27426.491	0.000	0.000	26550.751	875.740	0.000	0.000	0.000	0.000	0.000	117.380

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

<sup>\*</sup>The record in EPD Transaction Records system was up to 22/02/2024, the data from 23/02 to 29/02 will be updated in next reporting period.





# Appendix I

Ecology (Coral & Fishery) Survey Report Pre- Operation Phase Coral Monitoring 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/A) for the pre-operation 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 (DPTKO) 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 (DPTKO) 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 pre-operational phases 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 till the end of the first year of the plant 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 pre-operation phase monitoring surveys should be reviewed with reference to findings of the baseline survey.
- 2.4 If, during the pre-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

ubic = 1 iletion	and Emili Bevers for construction i	nuse corui momioring
Parameter	Action Level Definition	Limit Level Definition
Mortality	If during Impact Monitoring a 15%	If during Impact Monitoring a 25%
	increase in the percentage of partial	increase in the percentage of partial
	mortality on the corals occurs at	mortality on the corals occurs at
	more than 20% of the tagged	more than 20% of the tagged
	indirect impact site coral colonies	indirect impact site coral colonies
	that is not recorded on the tagged	that is not recorded on the tagged
	corals at the control site, then the	corals at the control site, then the
	Action Level is exceeded	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

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

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

#### 3. Result

3.1 3.1 The February 2024 pre-operation phase monitoring were performed on 23<sup>rd</sup> February 2024 for both Indirect Impact Sites and Control Site (Figure 3 and 4); and the weather conditions were summarized in Table 3.1.

Table 3.1 Weather Condition for the February 2024 Construction Phase Monitoring

Date	Condition	Average Underwater Visibility
23 <sup>rd</sup> February	- North force 4 to 5,	Loss than 0.5 m
2024	- Sunny period	Less than 0.5 m

- 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 February 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 February 2024 Coral Monitoring Survey

Tag #	Species	Size (cm) –  Max.  Diameter	Condition	Mortal	Mortality (%)		ing (%)	Sediment (%)		
				Baseline	23-Feb	Baseline	23-Feb	Baseline	23-Feb	
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 February 2024 Coral Monitoring Survey

Tag#	Species	Size (cm) - Max. Diameter	Condition	Mortality (%)		Bleachi		Sediment (%)		
				Baseline	23-Feb	Baseline	23-Feb	Baseline	23-Feb	
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 February 2024 Coral Monitoring Survey

Tag#	Species	Size (cm) - Max. Diameter	Condition	Mortal	ity (%)	Bleachi	ng (%)	Sedime	ent (%)
				Baseline	23-Feb	Baseline	23-Feb	Baseline	23-Feb
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	Dipsastraea speciosa	15	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

Tag#	Species	Size (cm) - Max. Diameter	Condition	Mortali	ity (%)	Bleachi	ng (%)	Sedime	nt (%)
19	Duncanopsammia peltata	29	Good	0	0	0	0	0	0
20	Platygyra carnosus	23	Good	0	0	0	0	0	0

#### 4. Discussion and Conclusion

- 4.1 The February 2024 coral monitoring survey were carried out in the indirect impact area (C2 and C3) and control site (C8) on 23 February 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 Pre-Operation Phase

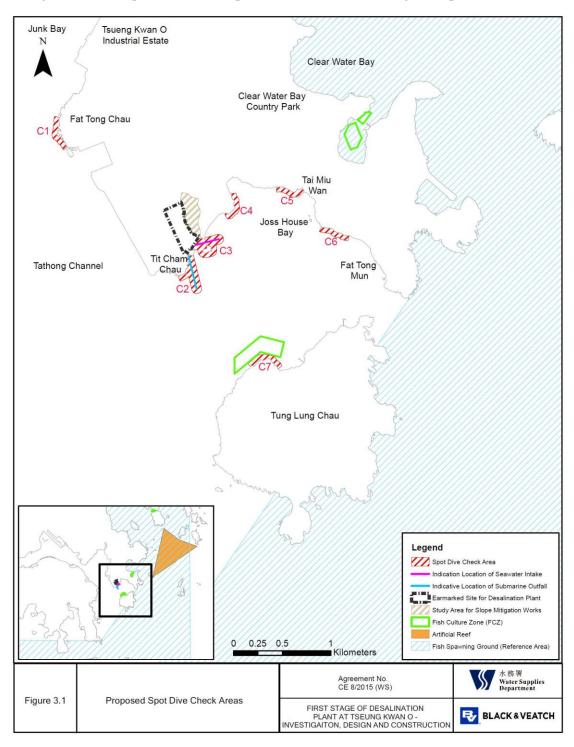
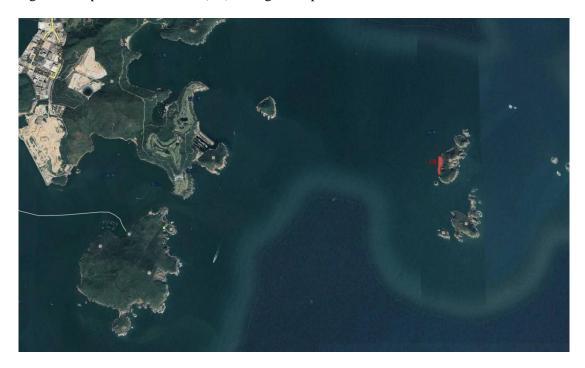
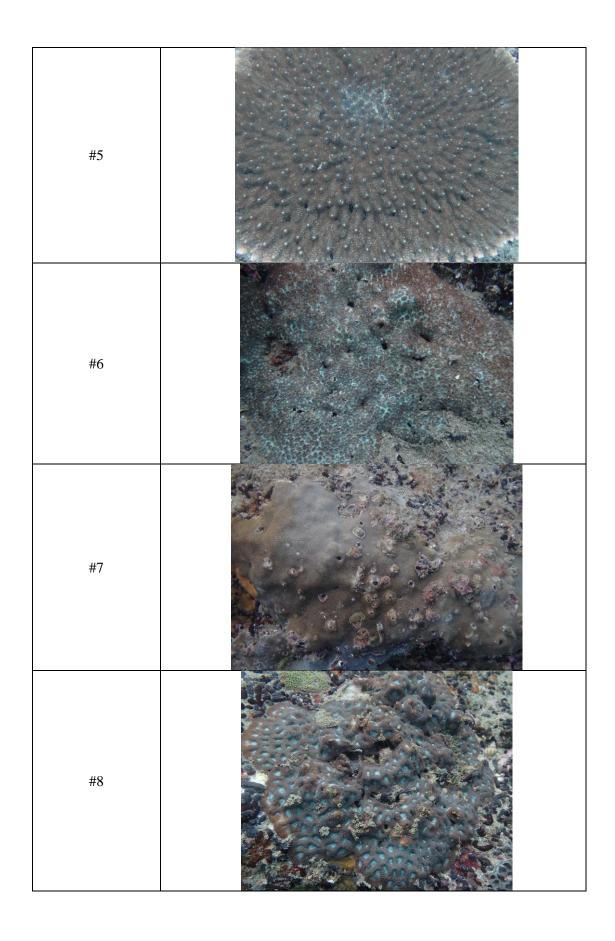


Figure 2 Proposed Control Site (C8) during Pre-Operation Phase



# APPENDIX A TAGGED CORAL PHOTO

Tag #	Corals at Control Site C8 23 <sup>rd</sup> February 2024
#1	
#2	
#3	
#4	



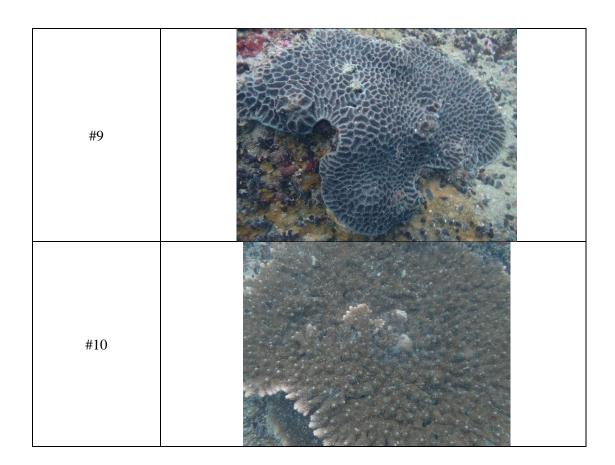
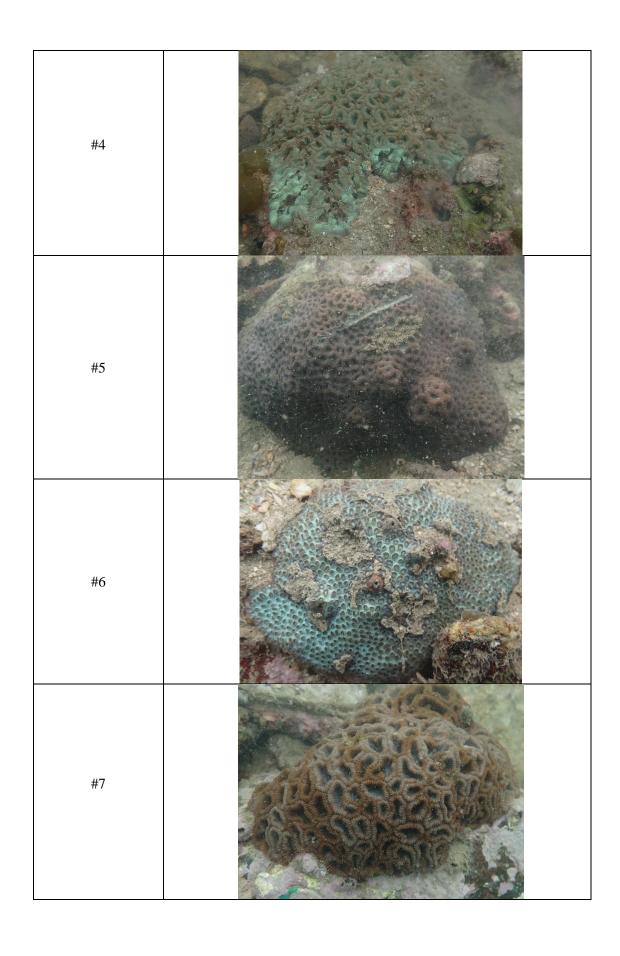


Photo Plate B Tagged Corals at Indirect Impact Site C2

Tag#	Corals at Indirect Impact Site C2 23 <sup>rd</sup> February 2024
#1	
#2	
#3	



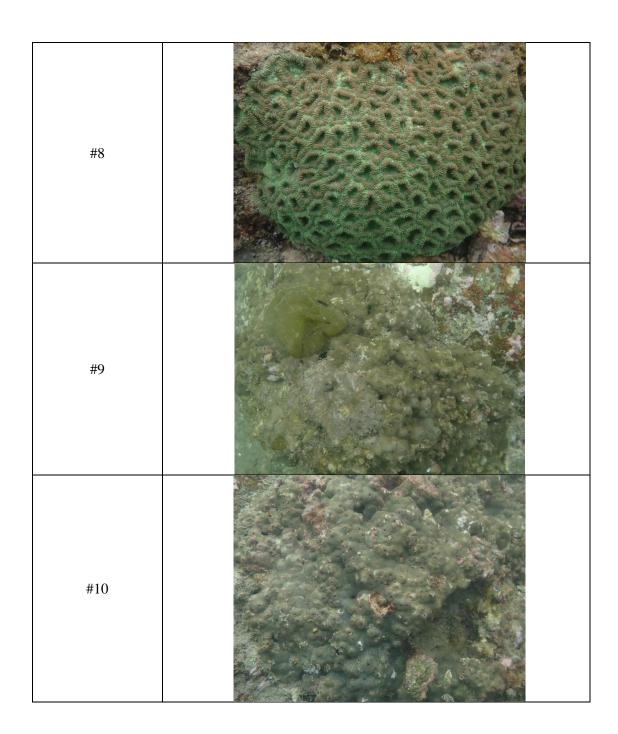
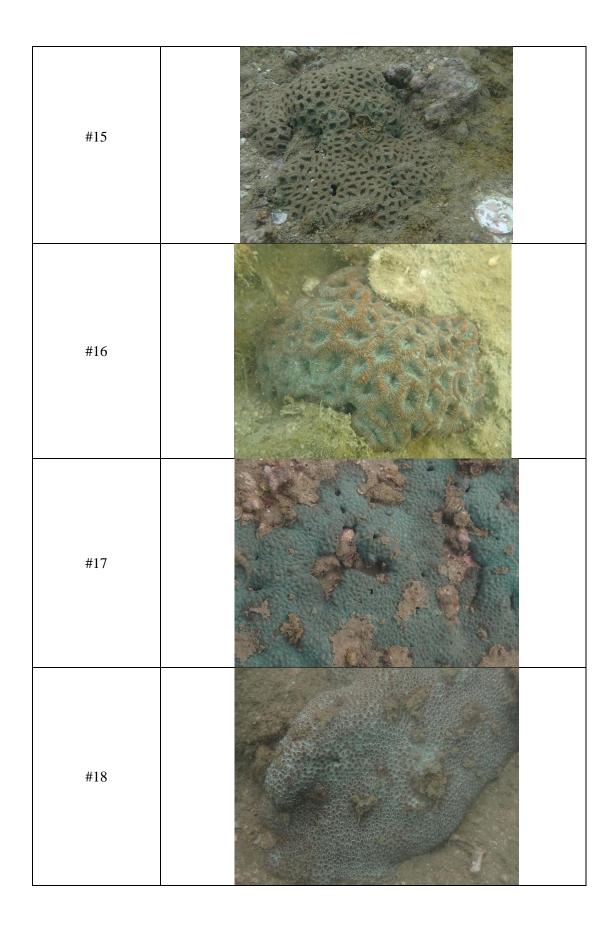
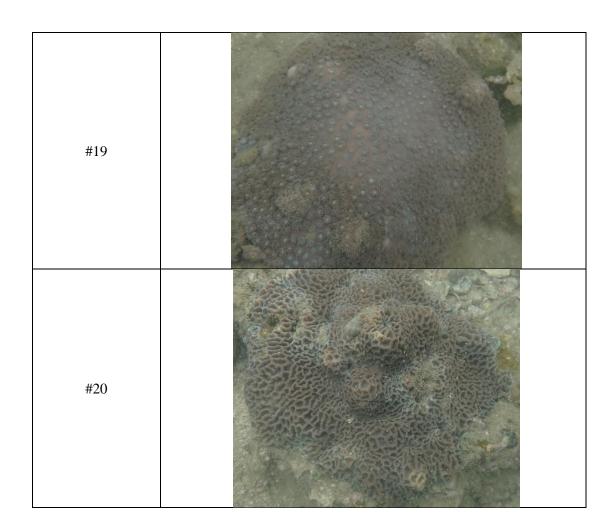
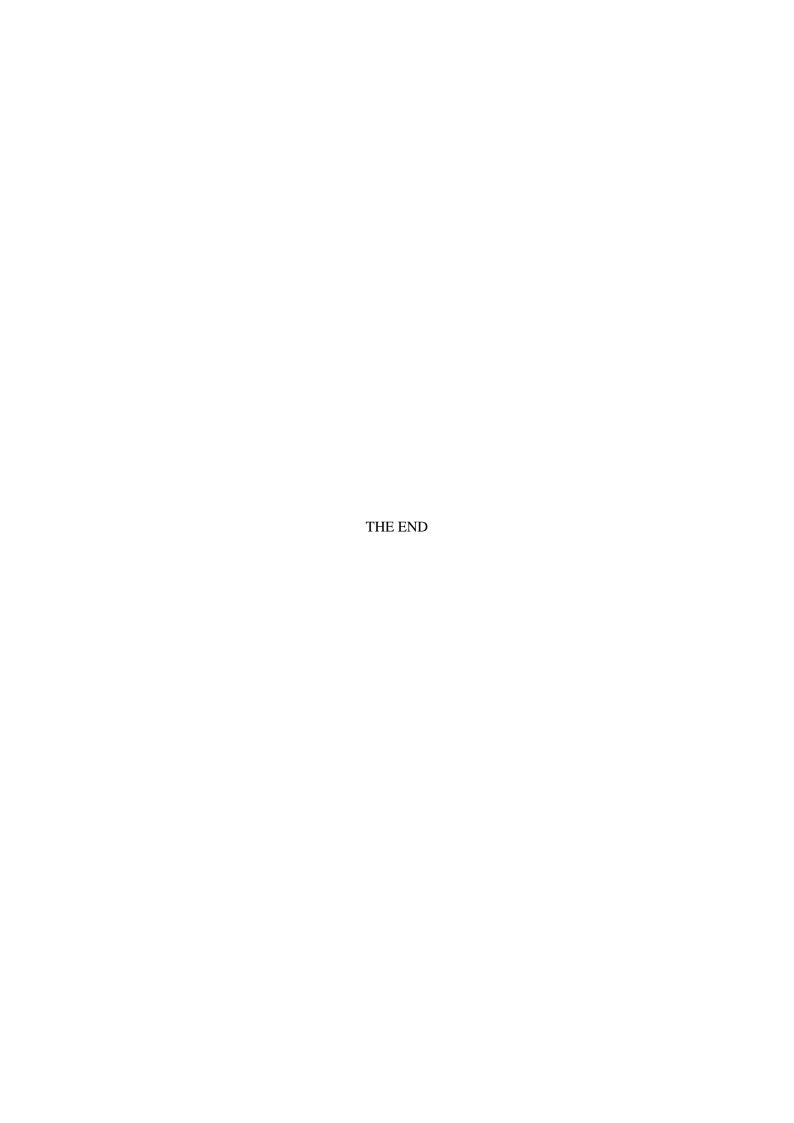


Photo Plate C Tagged Corals at Indirect Impact Site C3

Tag#	ed Corals at Indirect Impact Site C3 23 <sup>rd</sup> February 2024
#11	
#12	
#13	
#14	











## Appendix J

## Site Inspection Proforma





#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspec	tion Date:	7/2/2024 Inspected by: ET: Alex Leung	so: Ray	mond Kok	WSI	D:
Inspec	tion Time:	2-00 pm Contractor: To ffding Tsang	IEC:			
Weat	her					
Cond	ition	Sunny Pine Overcast Drizzle Rain	Storm	H	lazy	
Temp	erature	Humidity High Moderate	Low			
Wind		Calm Light Breeze Strong				
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
0.00	-	General				
0.01		and the second s				
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?				
		Construction Dust				
1.00	\$4.8.1	Are dusty materials, such as excavated materials, building debris and construction				
1.01		materials, and exposed earth surface properly covered to prevent dust emission?			ш	
1.02	S4.8.1	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to				
1.02	54.0.1	dusty construction works for dust suppression?				
1.02	0401	dusty construction works for dust suppression?				
1.03	\$4.8.1	Are fumes or smoke emitting plants or construction activities shielded by a screen?				
1.04	\$4.8.1	Are wheel-washing facilities with high-pressure water jets provided at all site exits?	П			
1.05	\$4.8.1			=	=	
1.05		Is wheel-washing provided to all vehicles leaving the site?				
1.06	\$4.8.1	Are road section near the site exit free from dusty material?		/		
1.07	\$4.8.1	Are all main haul roads inside the site paved or sprayed with water to minimize			$\overline{}$	
		dust emission during vehicle movement?	Ш			
1.08	\$4.8.1	Are water spraying provided immediately prior to any loading or transfer of dusty				
		materials?	Ш	1	Ш	
1.09	\$4.8.1	Are covers provided to all dump trucks carrying dusty materials when entering and				
		leaving the site?		/		
1.10	\$4.8.1	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal				
		of boulders, poles, pillars sprayed with water to maintain the entire surface wet?				
1.11	\$4.8.1	Is exposed earth properly treated within six months after the last construction				
		activity on site?				
1.12	S4.8.1					
		Does the operation of plants on site free form dark smoke emission?		/		
1.13	S4.8.1	Are vehicles travelling at speed not exceeding 15km/hr within the site?	П		П	
1.14	0401	And the Country of th				
1.14	\$4.8.1	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides?				





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks Item \$4.8.1 1 15 Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas? 1.16 S4.8.1 Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public? \$4.8.1 1.17 Is open burning prohibited? Construction Noise (Airborne) 2.00 \$5.7 Are quiet plants adopted on site? 2.01 2.02 S5.7 Are the PMEs operating on site well-maintained to minimize the generation of excessive noise? 2.03 S5.7 Are plants throttled down or turned off when not in use? 2.04 S5.7 Are the plants known to emit noise strongly in one direction oriented to face away 2.05 S5.7 Are moveable barriers provided to screen NSRs from plant or noisy operations? 2.06 \$5.7 Are silencers, mufflers and enclosures provided to plants? 2.07 S5.7 Are the hoods, cover panels and inspection hatches of PMEs closed during operation? 2.08 S5.7 Are purposely-built site hoarding construction with appropriate materials provided along the site boundary? 2.09 S5.7 Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers? Are valid noise emission label(s) affixed to all hand-held breakers operating on 2.10 \$5.7 2.11 S5.7 Are valid noise emission label(s) affixed to all air compressors operating on site? 2.12 S5.7 Are all construction noise permit(s) applied for percussive piling work? 2.13 S5.7 Are construction noise permit(s) applied for general construction works during Are valid construction noise permit(s) displayed at all vehicular exits? 2.14 3.00 Water Quality 3.01 Is effluent discharge license obtained for wastewater discharge from site? S6.9 3.02 S6.9 Is effluent discharged according to the effluent discharge license? 3.03 S6.9 Is wastewater discharge from site properly treated prior to discharge? 3.04 \$6.9 Are perimeter channels provided to intercept storm runoff from outside the site? Are sand/silt removal facilities such as sand/silt traps and sediment basins provided 3.05 S6.9 to remove sand/silt particles from runoff?



		tet no. 13/ WSD/17 Design, Dund and Operate First Stage of	Iscung K	Wall O	Desaiiii	ation Flant
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
3.06	S6.9	Is surface runoff diverted to sedimentation facilities?		/		
3.07	S6.9	Is the drainage system properly maintained?		/		
3.08	\$6.9	Are construction works carefully programmed to minimize soil excavation works during rainy seasons?				
2.00	060					
3.09	\$6.9	Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion?		/		
3.10	S6.9	Are temporary access roads protected by crushed gravel?	1			
3.11	\$6.9	Are exposed slope surface properly protected?				
3.12	S6.9	Is trench excavation avoided in the wet season as far as practicable, or if necessary,				
		backfilled in short sections after excavation?			Ш	
3.13	\$6.9	Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction?				
3.14	\$6.9	Is runoff from wheel-washing facilities avoided?		/		
3.15	S6.9	Is oil leakage or spillage prevented?				
3.16	S6.9	Are there any measures to prevent the release of oil and grease into the storm		$\overline{}$		
		drainage system?		Ш		
3.17	S6.9	Are the oil interceptors/ grease traps properly maintained?		/		
3.18	S6.9	Are debris and rubbish generated on site collected, handled and disposed of				
		properly to avoid them entering the streams?	Ш		Ш	
3.19	S6.9	Are all fuel tanks and storage areas provided with locks and be sited on sealed				
		areas, within bunds of capacity equal to 110% of the storage capacity of the largest				
		tank?				
3.20	\$6.9	Are tanks, containers, storage area bunded and the locations locked as far as				
		possible from the sensitive watercourse and stormwater drains?		/		
3.21	\$6.9	Are sufficient chemical toilets provided on site to handle sewage from construction				V 100 100 100
		work force?			Ш	
3.22	\$6.9	Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors?			П	
2 22	\$6.9	provided by the member continuous.				
3.23	50.9	Is concrete washing water properly collected and treated prior to discharge?				
3.24	S6.9	Is suitable type of silt curtains deployed during dredging to reduce the elevation of				77 7 77 77 7 7 7
		suspended solids to nearby sensitive receivers?			Ш	
3.25		Is closed grab dredger used to reduce the potential leakage of sediments?				
3.26	S6.9	Is closed grab dredger of 3 to 6 m³ used for dredging at seawater intake?	/			
3.27	S6.9	Is specific work staff assigned the responsibility for monitoring the number of grab				
		dredged per hour? Is number of cycle limited to 20-21 grab per hour for 3m <sup>3</sup> closed				
		grab, 10-11 grab per hour for 6m3 closed grab?				





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item N/A Photo/Remarks No 3.28 S6.9 Is the grab operated in slow and controlled manner such that the impact to seabed by the grab when being lowered could be minimized? Is the operator ensured the grab be properly closed before lifting the grab? 3.29 S6.9 Is the maximum allowed dredging rate at the seawater intake limited to 750 m3/day while the maximum allowed dredging rate at the submarine outfall is 3,500 m3/day? 3.30 S6.9 Is dredged marine sediment disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO)? 3.31 S6.9 Are disposal vessels fitted with tight bottom seals in order to prevent leakage of material during transport? 3.32 S6.9 Are barges filled to a level which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action? 3.33 S6.9 Are excess materials cleaned from decks and exposed fittings before the vessel is moved from the dredging area after dredging? 3.34 \$6.9 Are the contractor(s) confirmed that the works cause no visible foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the dredging site? 3.35 S6.9 When the dredged material has been unloaded at the disposal areas, is any material accumulated on the deck or other exposed parts of the vessel removed and placed in the hold or a hopper? 3.36 \$6.9 Is dredger maintained adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash? 3.37 S6.9 Is the contractor shall regularly inspect the silt curtains and check that they are moored and marked to avoid danger to marine traffic? Is regular inspection on the integrity of the silt curtain carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly? 3.38 S6.9 Are all vessels have a clean ballast system? 3.39 \$6.9 Are all vessels well maintained and inspected before use to limit any potential discharges to the marine environment? 3.40 S6.9 Is any discharge of sewage/grey wastewater? Is wastewater from potentially contaminated area on working vessels should be minimized and collected? 3.41 S6.9 Is any soil waste disposed overboard? 4.00 Waste Management 4.01 S8.5 Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? 4.02 S8.5 Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? 4.03 S8.5 Is the Contractor registered as a chemical waste producer?



Item	EIA ref.		N/A	Yes	No	Photo/Remarks
No.						
4.04	\$8.5	Is chemical waste separated from other waste and collected by a licensed chemical waste collector?				
4.05	S8.5	Are trip tickets for chemical waste disposal available for inspection?		/	П	
4.06	S8.5	Is drip tray provided for chemical storage?				
4.07	\$8.5	Are all containers for chemical waste properly labelled?				
4.08	S8.5	Is chemical waste storage area used solely for storage of chemical waste and properly labelled?				
4.09	S8.5	Are incompatible chemical wastes stored in different areas?				
4.10	S8.5	Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated?				
4.11	\$8.5	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?				
4.12	S8.5	Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors?				
4.13	S8.5	Are sufficient general refuse disposal/collection points provided on site?		/		
4.14	S8.5	Is general refuse disposed of properly and regularly?		/		
4.15	S8.5	Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste?				
4.16	S8.5	Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation?		/		
4.17	S8.5	Are C&D wastes sorted on site?		/		
4.18	S8.5	Are C&D waste disposed of properly?				
4.19	S8.5	Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste?		/		
4.20	S8.5	Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site?		/		
4.21	S8.5	Are the construction materials stored properly to minimize the potential for damage or contamination?		/		
4.22	S8.5	Is a dumping license obtained to deliver public fill to public filling areas?		/		
5.00	S11.10	Landscape and Visual				
		Are Is site hoarding provided?				
	S11.10 & 11.11	Are vegetation disturbance minimized or soil protected to reduce potential soil erosion?		/		
	S11.10 & 11.11	Is construction light oriented away from the sensitive receivers?	/			





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item N/A Photo/Remarks No 5.04 S11.10 Is grass hydroseeding provided to slopes as soon as the completion of works? & 11 11 S11.10 & 5.05 Are damages to trees outside site boundary due construction works avoided? 11.11 \$11.10 & s excavation works carried out manually instead of machinery operation within 2.5m 11.11 vicinity of any preserved trees? S11.10 & Are the retained and transplanted tree(s) properly protected and in good conditions? 11.11 5.08 S11.10 & Are surgery works carried out for damaged trees? 11.11 6.00 59.7 Ecology 6.01 Is site runoff properly treated to prevent any silly runoff? 6.02 \$9.7 Are silt trap installed and well-maintained? 6.03 S9.7 Are stockpiles properly covered to avoid generating silty runoff? 6.04 \$9.7 Are construction works restricted to works area which are clearly defined? 6.05 S9.7 For slope mitigation works within the Clear Water Bay Country Park, are tree felling and damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical? 6.06 \$9.7 Are pruning of tree canopies along the alignment of the flexible barriers limited to a minimum? 6.07 \$9.7 Is the alignment of flexible barriers optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable? Are the alignment of flexible barriers positioned at minimum 1.5 m in a radius away from these 6.08 S9.7 Is temporary fencing installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction? Is a sign identifying the site attached to the fence and flagging tape shall be attached to the individuals to visualize their locations? 6.09 S9.7 Is a specification for fencing and demarcating individuals of Marsdenai lachnostoma (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers prepared to protect the species? 6.10 S9.7 Is any induction training provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance? 6.11 S9.7 Is the resident site supervisory staff closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity? 6.12 S9.7 Are fences erected along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent 6.13 \$9.7 Is regular check of the work site boundaries performed to ensure that they are not breached and that damage does not occur to surrounding areas? 6.14 S9.7 Is any damage and disturbance avoided, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal?





	Contra	ct no. 13/WSD/17 Design, Build and Operate First Stage of	Iseung K	wan O	Desalin:	ation Plant
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
6.15	\$9.7	Are temporarily affected areas reinstated, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting?				
6.16	S9.7	Are affected habitats within the Clear Water Bay Country Bay reinstated by hydro- seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works?	Ç			
<b>7.00</b> 7.01	S12.7	Landfill Gas Hazard  Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?				_
7.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		/		4 <u>4414</u>
7.03	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?				
7.04	S12.7	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?		/		
7.05	\$12.7	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?			Z	
7.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?				
7.07	\$12.7	Are the monitoring frequency and areas being specified by the safety officers or appropriately qualified person? Are the all measurements being recorded and documented?				
7.08	S12.7	Is the drilling proceeded with adequate care and precautions against the potential hazards?				
7.09	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?				
7.10	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?	/			
7.11	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?				
7.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?				
<b>8.00</b> 8.01		Overall Is the EM&A properly implemented in general?				





Remark / Follow up of Observation(s) and Non-compliance(s) of Last Weekly Site Inspection:	
<del>Chien</del>	
Reminder:	
Expression selves	
1) Contractor was reminded to clear the general reflue regularly and maintain good con	dita
of thome keeping trouvekeeping.	
Signatures:	
ET Contractor's Supervising Officer's IEC's WSD's	
Representative Representative Representative Representative	
(Name: Alex (cume) (Name: Thy Tay) (Name: ) (Name: ) (Name:	)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	





### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspec	tion Date:	16 February 2024 Inspected by: ET: Alex loung	so: Raymon J Kok wsD:
Inspec	tion Time:	2=35 pm 2=15pm Contractor: Istany Trace	IEC: Serena Shek
Weat	her		
Condi	ition	Sunny Fine Overcast Drizzle Rain	Storm Hazy
Temp	erature	2   OC Humidity High Moderate	Low
Wind		Calm Light Breeze Strong	
Item	EIA ref.		N/A Yes No Photo/Remarks
No.			
0.00		General	
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?	
		Construction Dust	
1.00	\$4.8.1	Are dusty materials, such as excavated materials, building debris and construction	
1.01		materials, and exposed earth surface properly covered to prevent dust emission?	
1.02	S4.8.1	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to	
		dusty construction works for dust suppression?	
1.03	S4.8.1	Are fumes or smoke emitting plants or construction activities shielded by a screen?	
		activities shielded by a screen?	
1.04	S4.8.1	Are wheel-washing facilities with high-pressure water jets provided at all site exits?	
1.05	\$4.8.1		
1.03	34.0.1	Is wheel-washing provided to all vehicles leaving the site?	
1.06	\$4.8.1		
		Are road section near the site exit free from dusty material?	
1.07	84.8.1	Are all main haul roads inside the site paved or sprayed with water to minimize	
		dust emission during vehicle movement?	
1.08	84.8.1	Are water spraying provided immediately prior to any loading or transfer of dusty	
		materials?	
1.09 S	64.8.1	Are covers provided to all dump trucks carrying dusty materials when entering and	
		leaving the site?	
1.10 S	4.8.1	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal	
		of boulders, poles, pillars sprayed with water to maintain the entire surface wet?	
1.11 S	4.8.1	s exposed earth properly treated within six months after the last construction	
		activity on site?	
.12 S	4.8.1	Does the operation of plants on site free form dark smoke emission?	
.13 S	4.8.1	Are vehicles travelling at speed not exceeding 15km/hr within the site?	
14 S4		Are stock of more than 20 bags of cement or day PFA covered or sheltered on top	
	a	nd 3 sides?	





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks N/A Item Are de-bagging, batching and mixing processes of bagged cement carried out in 1.15 \$4.8.1 sheltered areas? Are hoarding of at least 2.4m high provided along the site boundary adjoining areas 1.16 S4.8.1 accessible by the public? S4.8.1 Is open burning prohibited? Construction Noise (Airborne) 2.00 \$5.7 Are quiet plants adopted on site? 2.01 Are the PMEs operating on site well-maintained to minimize the generation of 2.02 S5.7 excessive noise? 2.03 S5.7 Are plants throttled down or turned off when not in use? Are the plants known to emit noise strongly in one direction oriented to face away 2.04 S5.7 from NSRs? 2.05 S5.7 Are moveable barriers provided to screen NSRs from plant or noisy operations? 2.06 S5.7 Are silencers, mufflers and enclosures provided to plants? Are the hoods, cover panels and inspection hatches of PMEs closed during 2.07 S5.7 Are purposely-built site hoarding construction with appropriate materials provided 2.08 S5.7 along the site boundary? Are noisy operation properly scheduled to minimize exposure and cumulative 2.09 S5.7 impacts to nearby sensitive receivers? Are valid noise emission label(s) affixed to all hand-held breakers operating on 2.10 S5.7 Are valid noise emission label(s) affixed to all air compressors operating on site? 2.11 S5.7 Are all construction noise permit(s) applied for percussive piling work? 2.12 S5.7 Are construction noise permit(s) applied for general construction works during 2.13 S5.7 restricted hours? Are valid construction noise permit(s) displayed at all vehicular exits? 2.14 \$5.7 Water Quality 3.00 Is effluent discharge license obtained for wastewater discharge from site? 3.01 \$6.9 Is effluent discharged according to the effluent discharge license? 3.02 S6.9 Is wastewater discharge from site properly treated prior to discharge? 3.03 S6.9 Are perimeter channels provided to intercept storm runoff from outside the site? 3.04 S6.9 Are sand/silt removal facilities such as sand/silt traps and sediment basins provided 3.05 S6.9 to remove sand/silt particles from runoff?





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item N/A Photo/Remarks No. 3.06 S6.9 Is surface runoff diverted to sedimentation facilities? 3.07 \$6.9 Is the drainage system properly maintained? Are construction works carefully programmed to minimize soil excavation works 3.08 S6.9 during rainy seasons? 3.09 S6.9 Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion? 3.10 S6.9 Are temporary access roads protected by crushed gravel? 3.11 S6.9 Are exposed slope surface properly protected? 3.12 S6.9 Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? 3.13 S6.9 Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? 3.14 S6.9 Is runoff from wheel-washing facilities avoided? 3.15 S6.9 Is oil leakage or spillage prevented? 3.16 S6.9 Are there any measures to prevent the release of oil and grease into the storm drainage system? 3.17 S6.9 Are the oil interceptors/ grease traps properly maintained? 3.18 \$6.9 Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? 3.19 S6.9 Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank? 3.20 S6.9 Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? 3.21 \$6.9 Are sufficient chemical toilets provided on site to handle sewage from construction 3.22 S6.9 Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? 3.23 S6.9 Is concrete washing water properly collected and treated prior to discharge? 3.24 S6.9 Is suitable type of silt curtains deployed during dredging to reduce the elevation of suspended solids to nearby sensitive receivers? 3.25 S6.9 Is closed grab dredger used to reduce the potential leakage of sediments? 3.26 S6.9 Is closed grab dredger of 3 to 6 m<sup>3</sup> used for dredging at seawater intake? 3.27 S6.9 Is specific work staff assigned the responsibility for monitoring the number of grab dredged per hour? Is number of cycle limited to 20-21 grab per hour for 3m3 closed grab, 10-11 grab per hour for 6m3 closed grab?



Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks N/A Item No Is the grab operated in slow and controlled manner such that the impact to seabed 3.28 S6.9 by the grab when being lowered could be minimized? Is the operator ensured the grab be properly closed before lifting the grab? Is the maximum allowed dredging rate at the seawater intake limited to 750 m3/day 3.29 S6.9 while the maximum allowed dredging rate at the submarine outfall is 3,500 Is dredged marine sediment disposed of in a gazetted marine disposal area in 3.30 S6.9 accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO)? Are disposal vessels fitted with tight bottom seals in order to prevent leakage of 3.31 S6.9 material during transport? Are barges filled to a level which ensures that material does not spill over during 3.32 S6.9 transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action? Are excess materials cleaned from decks and exposed fittings before the vessel is 3.33 S6.9 moved from the dredging area after dredging? Are the contractor(s) confirmed that the works cause no visible foam, oil, grease, 3.34 S6.9 litter or other objectionable matter to be present in the water within and adjacent to the dredging site? When the dredged material has been unloaded at the disposal areas, is any material 3.35 S6.9 accumulated on the deck or other exposed parts of the vessel removed and placed in the hold or a hopper? Is dredger maintained adequate clearance between vessels and the seabed at all 3.36 S6.9 states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash? Is the contractor shall regularly inspect the silt curtains and check that they are 3.37 S6.9 moored and marked to avoid danger to marine traffic? Is regular inspection on the integrity of the silt curtain carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly? 3.38 S6.9 Are all vessels have a clean ballast system? Are all vessels well maintained and inspected before use to limit any potential 3.39 S6.9 discharges to the marine environment? Is any discharge of sewage/grey wastewater? Is wastewater from potentially 3.40 S6.9 contaminated area on working vessels should be minimized and collected? 3.41 S6.9 Is any soil waste disposed overboard? 4.00 Waste Management Is a trip-ticket system implemented to monitor the disposal of C&D and solid 4.01 S8.5 wastes at public filling facilities and landfills? Is a recording system implemented to record the amount of wastes generated, 4.02 S8.5 recycled and disposed of? 4.03 S8.5 Is the Contractor registered as a chemical waste producer?





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks No 4.04 S8.5 Is chemical waste separated from other waste and collected by a licensed chemical waste collector? 4.05 S8.5 Are trip tickets for chemical waste disposal available for inspection? 4.06 S8.5 Is drip tray provided for chemical storage? 4.07 S8.5 Are all containers for chemical waste properly labelled? 4.08 S8.5 Is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 S8.5 Are incompatible chemical wastes stored in different areas? 4.10 S8.5 Is the chemical waste storage area enclosed on at least 3 sides and adequately 4.11 \$8.5 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? 4.12 S8.5 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 S8.5 Are sufficient general refuse disposal/collection points provided on site? 4.14 S8.5 Is general refuse disposed of properly and regularly? 4.15 S8.5 Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste? 4.16 S8.5 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 S8.5 Are C&D wastes sorted on site? 4.18 S8.5 Are C&D waste disposed of properly? 4.19 \$8.5 Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste? 4.20 S8.5 Are public fill and C&D waste reuse on site as far as practicable to avoid disposal Are the construction materials stored properly to minimize the potential for damage 4.21 S8.5 or contamination? 4.22 S8.5 Is a dumping license obtained to deliver public fill to public filling areas? 5.00 S11.10 Landscape and Visual & 11.11 Are Is site hoarding provided? 5.02 S11.10 & Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? 11.11 S11.10 & Is construction light oriented away from the sensitive receivers? 11.11





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks Item EIA ref. No 5.04 \$11.10 Is grass hydroseeding provided to slopes as soon as the completion of works? & 11.11 5.05 S11.10 & Are damages to trees outside site boundary due construction works avoided? 11.11 5.06 S11.10 & s excavation works carried out manually instead of machinery operation within 2.5m 11.11 vicinity of any preserved trees? 5.07 S11.10 & Are the retained and transplanted tree(s) properly protected and in good conditions? 11.11 5.08 \$11.10 & Are surgery works carried out for damaged trees? 11.11 6.00 S9.7 Ecology 6.01 Is site runoff properly treated to prevent any silly runoff? 6.02 S9.7 Are silt trap installed and well-maintained? 6.03 S9.7 Are stockpiles properly covered to avoid generating silty runoff? 6.04 \$9.7 Are construction works restricted to works area which are clearly defined? For slope mitigation works within the Clear Water Bay Country Park, are tree felling and 6.05 \$9.7 damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical? 6.06 S9.7 Are pruning of tree canopies along the alignment of the flexible barriers limited to a minimum? 6.07 \$9.7 Is the alignment of flexible barriers optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable? Are the alignment of flexible barriers positioned at minimum 1.5 m in a radius away from these individuals? 6.08 S9.7 Is temporary fencing installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction? Is a sign identifying the site attached to the fence and flagging tape shall be attached to the individuals to visualize their locations? 6.09 S9.7 Is a specification for fencing and demarcating individuals of Marsdenai lachnostoma (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers prepared to protect the species? 6.10 S9.7 Is any induction training provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance? Is the resident site supervisory staff closely monitor the conditions of concerned 6.11 S9.7 individuals during construction of flexible barriers in the close proximity? 6.12 S9.7 Are fences erected along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent 6.13 S9.7 Is regular check of the work site boundaries performed to ensure that they are not breached and that damage does not occur to surrounding areas? 6.14 S9.7 Is any damage and disturbance avoided, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal?



	EIA ref.	act no. 13/WSD/17 Design, Build and Operate First Stage of				
Item No.	EIA IEI.		N/A	Yes	No	Photo/Remarks
6.15	\$9.7	Are temporarily affected areas reinstated, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting?	/			
6.16	S9.7	Are affected habitats within the Clear Water Bay Country Bay reinstated by hydro- seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works?	/			
7.00		Landfill Gas Hazard				
7.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?				
7.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		1		
7.03	\$12.7	Are the training with regard to the awareness of potential hazards of working in confined spaces provided from the Contractor to the workers?				
7.04	S12.7	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?				
7.05	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?		/		
7.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?		/		
7.07	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?		/		
7.08	S12.7	Is the drilling proceeded with adequate care and precautions against the potential hazards?				
7.09	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?				
7.10	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?				
7.11	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?				
7.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?				
<b>8.00</b> 8.01		Overall  Is the EM&A properly implemented in general?		/		





D	L/F-II	inn(a) and Non assertion = -(-)	of Last Waskler Site Increase	ion:	
Kemai	rk / Follow up of Observat	ion(s) and Non-compliance(s)	of Last weekly Site Inspect	IOII.	-
Re	minder -				
<b>3</b>	Stockpile				
0	Contractor was	reminded to cover	- the stockpile	with tarpualin shee	et-(outside Combined Short
	Signatures:				
	ET Representative	Contractor's Representative	Supervising Officer's Representative	IEC's Representative	WSD's Representative
	My	$\mathcal{O} = \mathcal{O}$		202	
	(Name: Hex leave)	(Name: They lay)	(Name: Dx Mon	1 (Name: Serena Stel)	(Name: )
	)		W.O		





#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date: 20 Feb 2024 Inspected by: ET: Alex leung SO: Raymond Kolc WSD:					:
Inspection Time:	14-30 Contractor: Tabley Tide	IEC:	)		
Weather				-	
Condition	Sunny Fine Overcast Orizzle Rain	Storm	Hazy	r.	
Temperature	2† °C Humidity High Moderate	Low			
Wind	Calm Light Breeze Strong				
Item EIA ref.		N/A	Yes	No	Photo/Remarks
No.					
0.00	General				
0.01	Is the current Environmental Permit displayed conspicuously at all vehicle site				
	entrances/exits for public's information at any time?				
0.02		<del> </del>			
	ls ET Leader's log-book kept readily available for inspections?				
	Construction Dust				
1.00 S4.8.1	Are dusty materials, such as excavated materials, building debris and construction				
1.01	materials, and exposed earth surface properly covered to prevent dust emission?				
1.02 S4.8.1	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to				
	dusty construction works for dust suppression?	1			
1.03 S4.8.1		/			
	Are fumes or smoke emitting plants or construction activities shielded by a screen?				
1.04 S4.8.1	Are wheel washing facilities with high			=	
	Are wheel-washing facilities with high-pressure water jets provided at all site exits?		/		-
1.05 S4.8.1	Is wheel-washing provided to all vehicles leaving the site?			$\neg$	
	where making provided to all venices leaving the site:				
1.06 \$4.8.1	Are road section near the site exit free from dusty material?			$\neg$	
1.07 \$4.8.1	Are all main haul roads inside the site paved or sprayed with water to minimize			$\neg$	
	dust emission during vehicle movement?				
1.08 S4.8.1	Are water spraying provided immediately prior to any loading or transfer of dusty			$\neg$	
	materials?				
1.09 S4.8.1	Are covers provided to all dump trucks carrying dusty materials when entering and				
	leaving the site?				
1.10 S4.8.1	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal			$\neg$	
	of boulders, poles, pillars sprayed with water to maintain the entire surface wet?				
1.11 S4.8.1	Is exposed earth properly treated within six months after the last construction				
	activity on site?	/			
.12 \$4.8.1					
	Does the operation of plants on site free form dark smoke emission?				- v
.13 \$4.8.1			ا لا		
	Are vehicles travelling at speed not exceeding 15km/hr within the site?				
.14 \$4.8.1	Are stock of more than 20 base of compart - 1- DD1				
.17 54.0.1	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top				
	and 3 sides?		ا لــا		



Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks No Are de-bagging, batching and mixing processes of bagged cement carried out in \$4.8.1 1.15 sheltered areas? Are hoarding of at least 2.4m high provided along the site boundary adjoining areas 1.16 S4.8.1 accessible by the public? 1.17 S4.8.1 Is open burning prohibited? Construction Noise (Airborne) 2.00 Are quiet plants adopted on site? \$5.7 2.01 2.02 S5.7 Are the PMEs operating on site well-maintained to minimize the generation of excessive noise? 2.03 S5.7 Are plants throttled down or turned off when not in use? Are the plants known to emit noise strongly in one direction oriented to face away 2.04 S5.7 from NSRs? \$5.7 2.05 Are moveable barriers provided to screen NSRs from plant or noisy operations? 2.06 S5.7 Are silencers, mufflers and enclosures provided to plants? Are the hoods, cover panels and inspection hatches of PMEs closed during 2.07 S5.7 Are purposely-built site hoarding construction with appropriate materials provided 2.08 S5.7 along the site boundary? Are noisy operation properly scheduled to minimize exposure and cumulative 2.09 S5.7 impacts to nearby sensitive receivers? Are valid noise emission label(s) affixed to all hand-held breakers operating on \$5.7 2.10 Are valid noise emission label(s) affixed to all air compressors operating on site? 2.11 S5.7 Are all construction noise permit(s) applied for percussive piling work? 2.12 S5.7 Are construction noise permit(s) applied for general construction works during S5.7 2.13 restricted hours? Are valid construction noise permit(s) displayed at all vehicular exits? 2.14 \$5.7 3.00 Water Quality Is effluent discharge license obtained for wastewater discharge from site? 3.01 \$6.9 Is effluent discharged according to the effluent discharge license? 3.02 S6.9 3.03 \$6.9 Is wastewater discharge from site properly treated prior to discharge? Are perimeter channels provided to intercept storm runoff from outside the site? 3.04 S6.9 Are sand/silt removal facilities such as sand/silt traps and sediment basins provided 3.05 S6.9 to remove sand/silt particles from runoff?



		ct no. 13/WSD/17 Design, Build and Operate First Stage of	Tseung K	wan O	Desalin	ation Plant
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
3.06	\$6.9	Is surface runoff diverted to sedimentation facilities?	$\Box$		П	
3.07	S6.9	Is the drainage system properly maintained?				
3.08	S6.9	Are construction works carefully programmed to minimize soil excavation works during rainy seasons?		Ħ		
3.09	S6.9	Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion?		/		
3.10	S6.9	Are temporary access roads protected by crushed gravel?	7			
3.11	S6.9	Are exposed slope surface properly protected?				
3.12	S6.9	Is trench excavation avoided in the wet season as far as practicable, or if necessary,		一一	一	
		backfilled in short sections after excavation?				
3.13	\$6.9	Are open stockpiles of construction materials on site covered by tarpaulin or similar				
2.14	210	fabric during construction?			Ш	
3.14		Is runoff from wheel-washing facilities avoided?		/		
3.15	S6.9	Is oil leakage or spillage prevented?			П	
3.16	S6.9	Are there any measures to prevent the release of oil and grease into the storm		一一		
		drainage system?		Ш	Ш	
3.17	S6.9	Are the oil interceptors/ grease traps properly maintained?				
3.18	S6.9	Are debris and rubbish generated on site collected, handled and disposed of				
		properly to avoid them entering the streams?			Ш	
3.19	S6.9	Are all fuel tanks and storage areas provided with locks and be sited on sealed			$\overline{}$	
		areas, within bunds of capacity equal to 110% of the storage capacity of the largest				
		tank?		لـــــا		
3.20	S6.9	Are tanks, containers, storage area bunded and the locations locked as far as				
		possible from the sensitive watercourse and stormwater drains?			Ш	
3.21		Are sufficient chemical toilets provided on site to handle sewage from construction work force?		/		
3.22	S6.9	Are sewage disposal and toilet maintenance of the portable chemical toilets				
2.22		provided by the licensed contractors?				
3.23		Is concrete washing water properly collected and treated prior to discharge?		/		
3.24	S6.9	Is suitable type of silt curtains deployed during dredging to reduce the elevation of				
		suspended solids to nearby sensitive receivers?			Ш	
3.25		s closed grab dredger used to reduce the potential leakage of sediments?	/			
3.26	86.9	is closed grab dredger of 3 to 6 m <sup>3</sup> used for dredging at seawater intake?				
3.27	S6.9	s specific work staff assigned the responsibility for monitoring the number of grab				
		dredged per hour? Is number of cycle limited to 20-21 grab per hour for 3m <sup>3</sup> closed			_	
		grab, 10-11 grab per hour for 6m3 closed grab?	/			



3.41 S6.9

4.00

4.01 \$8.5

4.03 S8.5

4.02 S8.5

Is any soil waste disposed overboard?

wastes at public filling facilities and landfills?

Is the Contractor registered as a chemical waste producer?

Is a trip-ticket system implemented to monitor the disposal of C&D and solid

Is a recording system implemented to record the amount of wastes generated,

Waste Management

recycled and disposed of?



Member of the Aurecon Group Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Yes Photo/Remarks N/A Item No Is the grab operated in slow and controlled manner such that the impact to seabed 3.28 \$6.9 by the grab when being lowered could be minimized? Is the operator ensured the grab be properly closed before lifting the grab? Is the maximum allowed dredging rate at the seawater intake limited to 750 m3/day 3.29 S6.9 while the maximum allowed dredging rate at the submarine outfall is 3,500 3.30 S6.9 ls dredged marine sediment disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO)? 3.31 S6.9 Are disposal vessels fitted with tight bottom seals in order to prevent leakage of material during transport? Are barges filled to a level which ensures that material does not spill over during 3.32 S6.9 transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action? 3.33 S6.9 Are excess materials cleaned from decks and exposed fittings before the vessel is moved from the dredging area after dredging? Are the contractor(s) confirmed that the works cause no visible foam, oil, grease, 3.34 S6.9 litter or other objectionable matter to be present in the water within and adjacent 3.35 S6.9 When the dredged material has been unloaded at the disposal areas, is any material accumulated on the deck or other exposed parts of the vessel removed and placed in the hold or a hopper? Is dredger maintained adequate clearance between vessels and the seabed at all 3.36 S6.9 states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash? Is the contractor shall regularly inspect the silt curtains and check that they are 3.37 S6.9 moored and marked to avoid danger to marine traffic? Is regular inspection on the integrity of the silt curtain carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly? 3.38 S6.9 Are all vessels have a clean ballast system? Are all vessels well maintained and inspected before use to limit any potential 3.39 S6.9 discharges to the marine environment? 3.40 S6.9 Is any discharge of sewage/grey wastewater? Is wastewater from potentially contaminated area on working vessels should be minimized and collected?



Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item Photo/Remarks N/A 4.04 S8.5 Is chemical waste separated from other waste and collected by a licensed chemical waste collector? 4.05 S8.5 Are trip tickets for chemical waste disposal available for inspection? 4.06 S8.5 Is drip tray provided for chemical storage? 4.07 S8.5 Are all containers for chemical waste properly labelled? 4.08 S8.5 Is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 S8.5 Are incompatible chemical wastes stored in different areas? 4.10 S8.5 Is the chemical waste storage area enclosed on at least 3 sides and adequately 4.11 S8.5 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? 4.12 S8.5 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 S8.5 Are sufficient general refuse disposal/collection points provided on site? 4.14 S8.5 Is general refuse disposed of properly and regularly? 4.15 S8.5 Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste? 4.16 S8.5 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 S8.5 Are C&D wastes sorted on site? 4.18 S8.5 Are C&D waste disposed of properly? 4.19 S8.5 Are unused C&D materials or chemicals recycled or reused to reduce the quantity 4.20 \$8.5 Are public fill and C&D waste reuse on site as far as practicable to avoid disposal 4.21 S8.5 Are the construction materials stored properly to minimize the potential for damage or contamination? 4.22 S8.5 Is a dumping license obtained to deliver public fill to public filling areas? 5.00 S11.10 Landscape and Visual 5.01 & 11.11 Are Is site hoarding provided? 5.02 S11.10 & Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? 11 11 \$11.10 & 5.03

Is construction light oriented away from the sensitive receivers?

11.11



Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks Item 5.04 S11.10 Is grass hydroseeding provided to slopes as soon as the completion of works? & 11.11 5.05 S11.10 & Are damages to trees outside site boundary due construction works avoided? 11.11 5.06 S11.10 & Is excavation works carried out manually instead of machinery operation within 2.5m 11.11 vicinity of any preserved trees? 5.07 S11.10 & Are the retained and transplanted tree(s) properly protected and in good conditions? 11.11 5.08 \$11.10 & Are surgery works carried out for damaged trees? 11.11 6.00 \$9.7 Ecology 6.01 Is site runoff properly treated to prevent any silly runoff? 6.02 S9.7 Are silt trap installed and well-maintained? 6.03 \$9.7 Are stockpiles properly covered to avoid generating silty runoff? 6.04 \$9.7 Are construction works restricted to works area which are clearly defined? For slope mitigation works within the Clear Water Bay Country Park, are tree felling and 6.05 597 damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical? Are pruning of tree canopies along the alignment of the flexible barriers limited to a 6.06 \$9.7 6.07 \$9.7 Is the alignment of flexible barriers optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable? Are the alignment of flexible barriers positioned at minimum 1.5 m in a radius away from these individuals? 6.08 S9.7 Is temporary fencing installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction? Is a sign identifying the site attached to the fence and flagging tape shall be attached to the individuals to visualize their locations? 6.09 S9.7 Is a specification for fencing and demarcating individuals of Marsdenai lachnostoma (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers prepared to protect the species? 6.10 S9.7 Is any induction training provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance? 6.11 \$9.7 Is the resident site supervisory staff closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity? 6.12 S9.7 Are fences erected along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent Is regular check of the work site boundaries performed to ensure that they are not 6.13 S9.7 breached and that damage does not occur to surrounding areas? 6.14 \$9.7 Is any damage and disturbance avoided, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal?



	Contra	et no. 13/ WSD/17 Design, Bund and Operate First Stage of	racana w	wall U	Desaillia	ation Flant
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
6.15	S9.7	Are temporarily affected areas reinstated, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting?	/			
6.16	S9.7	Are affected habitats within the Clear Water Bay Country Bay reinstated by hydro- seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works?				
7.00		Landfill Gas Hazard				
7.01	S12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?		/		
7.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?				
7.03	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?		/		
7.04	S12.7	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?				
7.05	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?		/		
7.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?		/		
7.07	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		
7.08		Is the drilling proceeded with adequate care and precautions against the potential hazards?	/			
7.09		Is the method statement covering all normal and emergency procedures provided by the drilling contractor prior to the commencement of the site works?				
7.10		Are the below ground services entries being sealed to prevent gas entry? Are the grilled metal covers being used for below grade cable trenches?				
7.11		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?				
7.12		Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?		/		
8.00		Overall				
8.01		Is the EM&A properly implemented in general?		1		





Remark / Follow up of Observation(s) and	Non-compliance(s) of I	ast Weekly Site Inc	enection:			
100 march 100 ma	rvon-comphance(s) of 1	ast weekly Site IIIs	peetion.			
Reminder:						
() Contractor was reminded overflow from drip tray.	I to check	of any l	ealage from	con chemical	containen and	1
capathal from drip tray.		J	J			
0001/100 1/11 = P 1 J						
18						
Signatures:						
ET Contrac		pervising Officer'			WSD's	
Representative Represe	ntative Re	presentative	Represent	ative I	Representative	
189 / 2	Tor -					
(Name: Alex leury ) (Name:	Atley (mg) (N	ame: Razh	(Name:	) (	(Name:	)
011 1						
llow						





#### WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

Inspection Date: 28 Feb 2024 Inspected by: ET: Alex Contractor: Eyan V			so: Raymond wsd: Jack lai				
Inspection Time: 4-15 am							
Weat							
Cond	ition	Sunny Prine Overcast Drizzle Rain	Storm	ШН	azy		
Temp	erature	C Humidity High Moderate	Low				
Wind		Calm Light Breeze Strong					
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks	
0.00		General					
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?					
		Construction Dust					
1.00	S4.8.1	Are dusty materials, such as excavated materials, building debris and construction					
1.01		materials, and exposed earth surface properly covered to prevent dust emission?					
1.02	S4.8.1	Are screenings, enclosures, water spraying, or vacuum cleaning devices provided to					
		dusty construction works for dust suppression?				-	
1.03	S4.8.1	Are fumes or smoke emitting plants or construction activities shielded by a screen?	/				
1.04	\$4.8.1	Are wheel-washing facilities with high-pressure water jets provided at all site exits?					
1.05	\$4.8.1	Is wheel-washing provided to all vehicles leaving the site?					
1.06	\$4.8.1	Are road section near the site exit free from dusty material?					
1.07	S4.8.1	Are all main haul roads inside the site paved or sprayed with water to minimize					
		dust emission during vehicle movement?					
1.08	S4.8.1	Are water spraying provided immediately prior to any loading or transfer of dusty					
		materials?	Ш				
1.09	\$4.8.1	Are covers provided to all dump trucks carrying dusty materials when entering and					
		leaving the site?	Ш				
1.10	\$4.8.1	Are the working areas for uprooting of trees, shrubs, or vegetation or the removal		7			
		of boulders, poles, pillars sprayed with water to maintain the entire surface wet?	Ш		ш		
1.11	\$4.8.1	Is exposed earth properly treated within six months after the last construction					
		activity on site?					
1.12	S4.8.1	Does the operation of plants on site free form dark smoke emission?					
1.13	S4.8.1	Are vehicles travelling at speed not exceeding 15km/hr within the site?					
1.14	S4.8.1	Are stock of more than 20 bags of cement or day PFA covered or sheltered on top					
		and 3 sides?					





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Photo/Remarks N/A Item No. 1.15 S4.8.1 Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas? 1.16 S4.8.1 Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public? 1.17 S4.8.1 Is open burning prohibited? Construction Noise (Airborne) 2.00 S5.7 Are quiet plants adopted on site? 2.01 2.02 S5.7 Are the PMEs operating on site well-maintained to minimize the generation of excessive noise? 2.03 S5.7 Are plants throttled down or turned off when not in use? 2.04 S5.7 Are the plants known to emit noise strongly in one direction oriented to face away 2.05 S5.7 Are moveable barriers provided to screen NSRs from plant or noisy operations? 2.06 \$5.7 Are silencers, mufflers and enclosures provided to plants? Are the hoods, cover panels and inspection hatches of PMEs closed during 2.07 S5.7 operation? Are purposely-built site hoarding construction with appropriate materials provided 2.08 S5.7 along the site boundary? Are noisy operation properly scheduled to minimize exposure and cumulative 2.09 S5.7 impacts to nearby sensitive receivers? Are valid noise emission label(s) affixed to all hand-held breakers operating on 2.10 S5.7 2.11 \$5.7 Are valid noise emission label(s) affixed to all air compressors operating on site? 2.12 \$5.7 Are all construction noise permit(s) applied for percussive piling work? Are construction noise permit(s) applied for general construction works during 2.13 S5.7 restricted hours? 2.14 S5.7 Are valid construction noise permit(s) displayed at all vehicular exits? Water Quality 3.00 3.01 \$6.9 Is effluent discharge license obtained for wastewater discharge from site? 3.02 S6.9 Is effluent discharged according to the effluent discharge license? Is wastewater discharge from site properly treated prior to discharge? 3.03 S6.9 3.04 S6.9 Are perimeter channels provided to intercept storm runoff from outside the site? Are sand/silt removal facilities such as sand/silt traps and sediment basins provided 3.05 S6.9 to remove sand/silt particles from runoff?





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item Photo/Remarks 3.06 S6.9 Is surface runoff diverted to sedimentation facilities? 3.07 S6.9 Is the drainage system properly maintained? 3.08 S6.9 Are construction works carefully programmed to minimize soil excavation works during rainy seasons? Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion? 3.10 S6.9 Are temporary access roads protected by crushed gravel? Are exposed slope surface properly protected? 3.12 S6.9 Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? 3.13 S6.9 Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? 3.14 S6.9 Is runoff from wheel-washing facilities avoided? 3 15 56 9 Is oil leakage or spillage prevented? 3.16 S6.9 Are there any measures to prevent the release of oil and grease into the storm drainage system? 3.17 S6.9 Are the oil interceptors/ grease traps properly maintained? 3.18 S6.9 Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? 3.19 S6.9 Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? 3.21 S6.9 Are sufficient chemical toilets provided on site to handle sewage from construction 3.22 S6.9 Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? 3.23 S6.9 Is concrete washing water properly collected and treated prior to discharge? 3.24 S6.9 Is suitable type of silt curtains deployed during dredging to reduce the elevation of suspended solids to nearby sensitive receivers? 3.25 S6.9 Is closed grab dredger used to reduce the potential leakage of sediments? 3.26 S6.9 Is closed grab dredger of 3 to 6 m<sup>3</sup> used for dredging at seawater intake? 3.27 S6.9 Is specific work staff assigned the responsibility for monitoring the number of grab dredged per hour? Is number of cycle limited to 20-21 grab per hour for 3m3 closed grab, 10-11 grab per hour for 6m3 closed grab?





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant Item N/A Photo/Remarks No 3.28 S6.9 Is the grab operated in slow and controlled manner such that the impact to seabed by the grab when being lowered could be minimized? Is the operator ensured the grab be properly closed before lifting the grab? 3.29 S6.9 Is the maximum allowed dredging rate at the seawater intake limited to 750 m3/day while the maximum allowed dredging rate at the submarine outfall is 3,500 m3/day? 3.30 S6.9 Is dredged marine sediment disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO)? 3.31 \$6.9 Are disposal vessels fitted with tight bottom seals in order to prevent leakage of material during transport? 3.32 S6.9 Are barges filled to a level which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action? 3.33 S6.9 Are excess materials cleaned from decks and exposed fittings before the vessel is moved from the dredging area after dredging? 3.34 S6.9 Are the contractor(s) confirmed that the works cause no visible foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the dredging site? 3.35 S6.9 When the dredged material has been unloaded at the disposal areas, is any material accumulated on the deck or other exposed parts of the vessel removed and placed in 3.36 S6.9 Is dredger maintained adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash? 3.37 S6.9 Is the contractor shall regularly inspect the silt curtains and check that they are moored and marked to avoid danger to marine traffic? Is regular inspection on the integrity of the silt curtain carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly? 3.38 S6.9 Are all vessels have a clean ballast system? 3.39 S6.9 Are all vessels well maintained and inspected before use to limit any potential discharges to the marine environment? 3.40 S6.9 Is any discharge of sewage/grey wastewater? Is wastewater from potentially contaminated area on working vessels should be minimized and collected? 3.41 S6.9 Is any soil waste disposed overboard? 4.00 Waste Management 4.01 \$8.5 Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? 4.02 S8.5 Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? 4.03 S8.5 Is the Contractor registered as a chemical waste producer?





Member of the Aurecon Group Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant EIA ref. Item Yes Photo/Remarks No 4.04 S8.5 Is chemical waste separated from other waste and collected by a licensed chemical waste collector? Are trip tickets for chemical waste disposal available for inspection? 4.06 S8.5 Is drip tray provided for chemical storage? 4.07 S8.5 Are all containers for chemical waste properly labelled? 4.08 S8.5 Is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 S8.5 Are incompatible chemical wastes stored in different areas? 4.10 S8.5 Is the chemical waste storage area enclosed on at least 3 sides and adequately 4.11 \$8.5 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? 4.12 S8.5 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 S8.5 Are sufficient general refuse disposal/collection points provided on site? 4.14 \$8.5 Is general refuse disposed of properly and regularly? 4.15 S8.5 Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste? 4.16 S8.5 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 S8.5 Are C&D wastes sorted on site? 4.18 S8.5 Are C&D waste disposed of properly? 4.19 S8.5 Are unused C&D materials or chemicals recycled or reused to reduce the quantity 4.20 S8.5 Are public fill and C&D waste reuse on site as far as practicable to avoid disposal Are the construction materials stored properly to minimize the potential for damage 4.21 \$8.5 or contamination? 4.22 S8.5 Is a dumping license obtained to deliver public fill to public filling areas? 5.00 S11.10 Landscape and Visual 5.01 & 11.11 Are Is site hoarding provided? 5.02 S11.10 & Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? 11.11 S11.10 & 5.03 Is construction light oriented away from the sensitive receivers? 11.11





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant EIA ref. Item N/A Photo/Remarks No 5.04 S11.10 Is grass hydroseeding provided to slopes as soon as the completion of works? & 11.11 5.05 S11.10 & Are damages to trees outside site boundary due construction works avoided? 11.11 5.06 S11.10 & s excavation works carried out manually instead of machinery operation within 2.5m 11.11 vicinity of any preserved trees? S11.10 & 5.07 Are the retained and transplanted tree(s) properly protected and in good conditions? 11.11 5.08 \$11.10 & Are surgery works carried out for damaged trees? 11.11 6.00 \$9.7 Ecology 6.01 Is site runoff properly treated to prevent any silly runoff? 6.02 S9.7 Are silt trap installed and well-maintained? 6.03 S9.7 Are stockpiles properly covered to avoid generating silty runoff? 6.04 \$9.7 Are construction works restricted to works area which are clearly defined? 6.05 S9.7 For slope mitigation works within the Clear Water Bay Country Park, are tree felling and damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical? 6.06 S9.7 Are pruning of tree canopies along the alignment of the flexible barriers limited to a minimum? 6.07 S9.7 Is the alignment of flexible barriers optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable? Are the alignment of flexible barriers positioned at minimum 1.5 m in a radius away from these individuals? 6.08 S9.7 Is temporary fencing installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction? Is a sign identifying the site attached to the fence and flagging tape shall be attached to the individuals to visualize their locations? 6.09 S9.7 Is a specification for fencing and demarcating individuals of Marsdenai lachnostoma (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers prepared to protect the species? 6.10 S9.7 Is any induction training provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance? 6.11 S9.7 Is the resident site supervisory staff closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity? 6.12 S9.7 Are fences erected along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent 6.13 S9.7 Is regular check of the work site boundaries performed to ensure that they are not breached and that damage does not occur to surrounding areas? Is any damage and disturbance avoided, particularly those caused by filling and illegal 6.14 S9.7 dumping, to the surrounding habitats through proper management of waste disposal?





Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant

	Contra	ct no. 13/WSD/17 Design, Build and Operate First Stage of	13eung K	wall O	Desailli	ation riant
Item No.	EIA ref.		N/A	Yes	No	Photo/Remarks
6.15	S9.7	Are temporarily affected areas reinstated, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting?				
6.16	\$9.7	Are affected habitats within the Clear Water Bay Country Bay reinstated by hydro- seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works?				
7.00		Landfill Gas Hazard			7.00	
7.01	\$12.7	Are the safety procedures implemented to minimise the risks of fires and explosions, asphyxiation of works and toxicity effects during all works?				
7.02	S12.7	Are the gas detection equipment and precautions being used during trenching and excavation as well as creation of confined spaces?		/		
7.03	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?				
7.04	S12.7	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?				
7.05	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?				
7.06	S12.7	Is the monitoring of landfill gas being undertaken in all excavations, manholes, chambers and any confined spaces?				
7.07	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?				
7.08	S12.7	Is the drilling proceeded with adequate care and precautions against the potential hazards?				
7.09	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?				
7.10	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?				
7.11	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?				
7.12	S12.7	Are the warning signs of the hazards of landfill gas and its possible presence on site posted in prominent places?				
8.00		Overall				
8.01		Is the EM&A properly implemented in general?		(		





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

_					
		tion(s) and Non-compliance(s)	of Last Weekly Site Inspection	on:	
Rem	linder =			.1	1 1 1
	Contractor was	reminded to clear	general Ha refuse	regularly in the o	construction site.
	(outside the RO	Building)			
	Signatures:				
	ET Representative	Contractor's Representative	Supervising Officer's Representative	IEC's Representative	WSD's Representative
	Alzen	/. (/ (		20/	4
	(Name: Alex Leung)	(Name: Snan kan	(Name: Par Jasel	(Name: Serena shek)	(Name: Jack LAI)
			Vou		





## Appendix K

# Complaint Log





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

D .: D . 1	Environmental Complaint Statistics								
Reporting Period	Frequency	Cumulative	Complaint Nature						
1 – 29 February 2024	0	2	N/A						

#### **Statistical Summary of Environmental Summons**

Demonstra Deviced	Environmental Summons Statistics							
Reporting Period	Frequency	Cumulative	Details					
1 – 29 February 2024	0	0	N/A					

#### Statistical Summary of Environmental Prosecution

Donastic - David	Environmental Prosecution Statistics								
Reporting Period	Frequency	Cumulative	Details						
1 – 29 February 2024	0	0	N/A						





## Appendix L

Exceedance Report (s)





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

Date of	Monitoring Station	Tide	Parameter	Measurement Result	Result Sampling	Sampling depth Person Result (mg/L)	Action Level (mg/L)		Limit Level (mg/L)		Exceedance	Marine construction activities with	Exceedance related to	Reasons of non-project related exceedance						
exceedance				(mg/L)	depth		95%- ile	Control 120%	99%- ile	Control 130%		contact with water (Y/N)	Project (Y/N)	(1)	2)	(3)	(4)	(5)	(6)	(7)
	WSR3					4.50					Limit Level	N	N		/		✓	✓	✓	<b>✓</b>
	WSR4					5.17			6.00	00 4.23	Limit Level	N	N		/		✓	✓	✓	<b>✓</b>
01/02/2024	WSR16	Flood	Suspended Solid			4.50	5.00	3.90			Limit Level	N	N		/		✓	✓	✓	✓
01/02/2024	NF1	F1000	(SS)			5.67			6.00	4.23	Limit Level	N	N		<b>/</b>		✓	✓	✓	<b>✓</b>
	NF2				-	4.25					Limit Level	N	N		<b>/</b>		✓	✓	<b>✓</b>	✓
	NF3				-	4.58					Limit Level	N	N		<b>/</b>		✓	✓	✓	✓
07/02/2024	WSR2	Flood	Suspended Solid		-	5.83	5.00	3.10	6.00	3.36	Limit Level	N	N		<b>/</b>		✓	✓	<b>✓</b>	✓
07/02/2024	WSR3	riood	(SS)			6,17	3.00	3.10	0.00	3.30	Limit Level	N	N		/		✓	✓	<b>✓</b>	✓
09/02/2024	NF3	Flood	Suspended Solid (SS)			3.33	5.00	3.20	6.00	3.47	Action Level	N	N		/		✓	✓	<b>✓</b>	<b>✓</b>
12/02/2024	WSR1	Flood	Suspended Solid (SS)			7.08	5.00	5.90	6.00	6.39	Limit Level	N	N		/		✓	✓	✓	<b>✓</b>

- 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 commissioning 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 February 2024, 7 February 2024, 9 February 2024 and 12 February 2024, ten (10) Action Level exceedances and nine (9) Limit Level exceedances were recorded during mid-flood tide. Total ten (10) Action Level and nine (9) Limit Level exceedances for SS of impact water quality monitoring were recorded between 1 February 2024.

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

The plant commission and the outfall shraft work normally.

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

#### **Operation Activities:**

01 February 2024	07 February 2024				
<ul> <li>Production of desalinated water</li> <li>ActiDAFF backwashing</li> </ul>	<ul> <li>Production of desalinated water</li> <li>Equipment checking and maintenance</li> </ul>				
09 February 2024	12 February 2024				
<ul> <li>Production of desalinated water</li> <li>Equipment checking and maintenance</li> </ul>	<ul> <li>Production of desalinated water</li> <li>Equipment checking and maintenance</li> </ul>				



**Supporting Photo:** 

Date of exceedance	Monitoring station(s)										
01/02/2024	WSR3	WSR4	WSR16	NF1							
	NF2	NF3									
07/02/2024											
	WSR2	WSR3									





Date of exceedance		Monitorin	g station(s)	
09/02/2024				
	NF3			
12/02/2024				
	WSR1			





#### **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		Reason	ns of non-p		elated	
exceedance	Station			$(mg/L) \qquad (mg/L) \qquad (mg/L) \qquad 95\% - Control \qquad 99\% - Control \qquad ile \qquad 120\% \qquad ile \qquad 130\% \qquad contact with water (Y/N)$	contact with water (Y/N)	Project (Y/N)	(1)	(2)	(3) (4)	(5)	(6)	(7)							
	WSR16					3.42					Action Level	N	N		✓	✓	✓	✓	✓
	WSR33					3.75					Limit Level	N	N		✓	✓	✓	✓	✓
20/02/2024	WSR37	Flood	Suspended Solid (SS)			3.42	5.00	3.40	6.00		Action Level	N	N		✓		✓	✓	✓
	NF1					4.17					Limit Level	N	N		✓		✓	✓	✓
	NF3					4.00					Limit Level	N	N		✓		✓	✓	✓
	WSR2					3.17					Action Level	N	N		✓		✓	✓	✓
	WSR3					4.83					Limit Level	N	N		✓		✓	✓	✓
	WSR4					3.67					Limit Level	N	N		✓		✓	✓	✓
	WSR16					3.83		5.00 3.10			Limit Level	N	N		✓		✓	✓	✓
27/02/2024	WSR33	Flood	Suspended Solid			1	5.00		6.00	00 3.36	Limit Level	N	N		✓		✓	✓	✓
27/02/2024	WSR36	Flood	(SS)			3.50	3.00	3.10	0.00	3.30	Limit Level	N	N		✓		✓	✓	✓
	WSR37					3.83					Limit Level	N	N		✓		✓	✓	✓
	NF1					5.67					Limit Level	N	N		✓		✓	✓	✓
	NF2					5.00					Limit Level	N	N		✓		✓	✓	✓
	NF3					5.83					Limit Level	N	N		✓		<b>✓</b>	✓	<b>✓</b>
20/02/2024	WSR4	Flood	Suspended Solid			5.17	5.00	3.90	6.00	4.23	Limit Level	N	N		✓		✓	✓	✓
29/02/2024	WSR37	F1000	(SS)			4.25	3.00	3.90	0.00	4.23	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 commissioning activities might relate 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 20 February 2024, 27 February 2024 and 29 February 2024, seventeen (17) Action Level and fourteen (14) Limit Level exceedances of Suspended Solids were recorded during mid-flood tide. Total seventeen (17) Action Level and fourteen (14) Limit Level exceedances for SS of impact water quality monitoring were recorded between 16 February 2024.

The marine construction works were completed on 1 September 2023.

The commissioning activities were shown in the table below. The plant and the outfall shaft are operated normally.

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





## **Commissioning Activities:**

20 February 2024	27 February 2024
Production of desalinated water	Production of desalinated water
ActiDAFF backwashing	Equipment checking and maintenance
Equipment checking and maintenance	
29 February 2024	
Production of desalinated water	
Equipment checking and maintenance	
Water sampling and analysis	

<b>Supporting Pho</b>	oto:			
Date of		Monitoring	g station(s)	
exceedance				T
20/02/2024	WSR16	WSR33	WSR37	NF1
20/02/2024				
	NF3			





Date of exceedance	Monitoring station(s)				
	WSR2	WSR3	WSR4	WSR16	
27/02/2024					
	WSR33 NF2	WSR36  NF3	WSR37	NF1	





Date of exceedance	Monitoring station(s)				
29/02/2023					
	WSR4	WSR37			