



Water Supplies Department
New Works Branch
Consultants Management Division
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Sha Tin
New Territories

Your reference:

Our reference: HKWSD202/50/107414

Date: 8 July 2021

Attention: Mr W K Lau

BY EMAIL & POST
(email: simon_wk_lau@wsd.gov.hk)

Dear Sirs

Agreement No. CE 5/2019 (EP)
Independent Environmental Checker for First Stage of
Tseung Kwan O Desalination Plant– Investigation
Verification of Quarterly EM&A Report No.5 (March - May 2021)

We refer to emails of 2 and 7 July 2021 attaching Quarterly EM&A Report No.5 (March - May 2021) for the captioned project prepared by the ET.

We have no further comments and hereby verify the captioned report.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned on 2618 2831 or 9275 0975.

Yours faithfully
ANewR CONSULTING LIMITED

Louis Kwan
Independent Environmental Checker

KSYL/lsm



水務署

Water Supplies Department

Contract No. 13/WSD/17

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

**Quarterly EM&A Report No.5
(Period from 1 Mar 2021 to 31 May 2021)**

Document No.

ASCL	/	200168078	/	QEMA5	/	A
Publisher		Project Code		Sequential No.		Revision Index

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Date:	21/06/2021	21/06/2021	21/06/2021

REVISION HISTORY

REV.	DESCRIPTION OF MODIFICATION	DATE
A	First Issue for Comments	21 JUN 2021

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EXECUTIVE SUMMARY

INTRODUCTION

- A1. The Project, Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant (TKODP), is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO) and is currently governed by a Further Environmental Permit (EP No. FEP – 01/503/2015/A) for the construction and operation of the Project.
- A2. In accordance with the Environmental Monitoring and Audit (EM&A) Manual for the Project, 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 Project.
- A3. This is the 5th Quarterly EM&A Report, prepared by ASCL, for the Project 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 March 2021 to 31 May 2021.
- 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 Project included the followings:
- Land Survey;
 - 132kV substation internal finishing and E&M installation;
 - Construction of ActiDAFF perimeter wall and water tank;
 - Construction of Reverse Osmosis/ Electrical Building ground floor slab and columns;
 - Construction for Product Water Storage Tank perimeter wall and footing and cable trench of Electrical Building;
 - Backfilling around Product Water Storage Tank;
 - Administration Building footing construction;
 - Construction of pile cap and ground floor slab of Administration Building;
 - Construction of reinforced concrete footing of Inspection Gallery;
 - Construction of Main Electrical and Chiller Plant Building footing and 1/F;
 - Construction of Post Treatment Building footing;
 - Preparation Works for the piling work at Intake Shaft Area;
 - Pipe piles driven and excavation and lateral support construction works at Intake Shaft Area;
 - Welding on temporary steel platform by derrick lighter at Intake Shaft Area;
 - Welding work inside the hopper of derrick barge at Intake Shaft Area;

- Material loading & unloading onto the steel platform at Intake Shaft Area;
- Survey setting out at Intake Shaft Area;
- Marine Dredging at Outfall Shaft;
- Cable drawpit construction;
- Excavation and laying yard piping;
- Combined Shaft foundation construction;
- Construction of Combined Shaft permanent structure;
- Construction of reinforced concrete wall of Combined Shaft;
- Removal of excavation and lateral support strut layers W4 and W5 of Combined Shaft;
- Preparation works for marine construction activities;
- Excavation and lateral support for Pump House;
- Wan Po Road sewage works – Temporary Traffic Arrangement, excavation and laying HDPE pipe

A6. The major environmental impacts brought by the above construction works include:

- Construction dust and noise generation from marine construction works, excavation works, excavation and lateral support works and construction works and sheetpiling works
- Waste generation from the construction activities
- Impact on water quality from marine construction works and inland construction works

A7. The key environmental mitigation measures implemented for the Project in this reporting period associated with the above construction works include:

- Dust suppression by regular wetting and water spraying for construction works
- Dust suppression by covering dusty materials with tarpaulin sheet
- Reduction of noise from equipment and machinery on-site
- Sorting and storage of general refuse and construction waste
- Deployment of temporary silt curtain in the area where marine construction works were conducted and deployment of water sedimentation tanks for treatment of wastewater at inland areas before discharge

SUMMARY OF EXCEEDANCE & INVESTIGATION & FOLLOW-UP

- A8. No noise monitoring was conducted during the reporting period since there are no project-related construction activities undertaken within a radius of 300m from the monitoring locations. No project-related exceedance of the Action Level was recorded during the reporting period.
- A9. The EM&A works for water quality were conducted during the reporting period in accordance with the EM&A Manual.
- A10. General water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) were conducted on 1, 3, 5, 8, 10, 12, 15, 17, 19, 23, 25, 27 and 30 March 2021; 1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29 April 2021 and 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 May 2021.
- A11. During the impact monitoring period between March 2021 to May 2021, thirty-two (32) of the general water quality monitoring results of suspended solids (SS) obtained had exceeded the Action Level. Twelve (12) of the general water quality monitoring results of SS obtained during the reporting quarter had exceeded the Limit Level.
- A12. Details of the exceedance are presented in **Appendix L**.
- A13. Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 25/3, 27/3, 06/04, 13/04, 29/04, 11/05, 18/05 and 27/05 were concluded to be unrelated to the project as detailed in the Incident Reports on Action Level or Limit Level Non-compliance along with supporting materials in **Appendix L**.
- A14. Weekly site inspections of the construction works were also carried out by ET to audit the mitigation measures implementation status. Joint site inspections were also carried out by ET and IEC on 2, 9, 16, 23 and 30 March 2021, 7, 13, 20 and 30 April 2021 and 4, 12, 18, 25 and 31 May 2021.

COMPLAINT HANDLING AND PROSECUTION

- A15. No project-related environmental complaint was received during the reporting period.
- A16. Neither notifications of summons nor prosecution was received for the Project.

REPORTING CHANGE

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

1. BASIC PROJECT INFORMATION

1.1. BACKGROUND

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).

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.

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 Project.

1.2. THE REPORTING SCOPE

This is the 5th Quarterly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 March 2021 to 31 May 2021.

1.3. PROJECT ORGANIZATION-

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

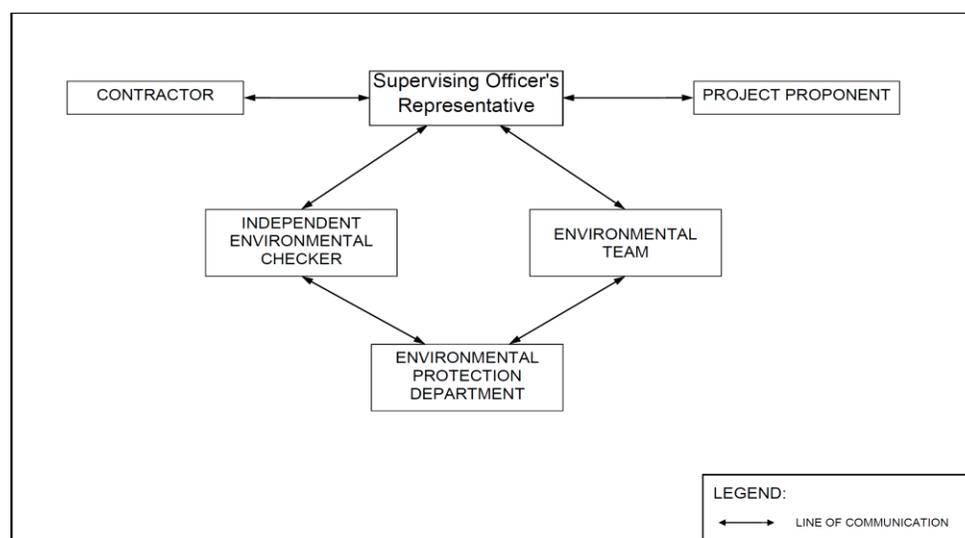


Figure 1.1 Project Organization Chart

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.
Project Proponent	SE/CM2	Benny Lam	2634-3573
Supervising Officer (Binnies Hong Kong Limited)	Project Manager	Christina Ko	2608-7302
	Chief Resident Engineer	Roger Wu	6343-1002
The Jardine Engineering Corporation, Limited, China State Construction Engineering (Hong Kong) Limited and Acciona Agua, S.A. Trading	Project Manager	Stephen Yeung	2807-4665
	Environmental Monitoring Manager	Brian Kam	9456-9541
Acuity Sustainability Consulting Limited	Environmental Team Leader	Jacky Leung	2698-6833
ANewR Consulting Limited	Independent Environmental Checker (IEC)	Louis Kwan	2618-2831

1.4. SUMMARY OF CONSTRUCTION WORKS

Details of the major construction activities undertaken in this reporting period are shown in below. The construction programme is presented in **Appendix A**.

Key activities carried out in this reporting period for the Project included the following:

- Land Survey;
- 132kV substation internal finishing and E&M installation;
- Construction of ActiDAFF perimeter wall and water tank;
- Construction of Reverse Osmosis/ Electrical Building ground floor slab and columns;
- Construction for Product Water Storage Tank perimeter wall and footing and cable trench of Electrical Building;
- Backfilling around Product Water Storage Tank;
- Administration Building footing construction;
- Construction of pile cap and ground floor slab of Administration Building;
- Construction of reinforced concrete footing of Inspection Gallery;
- Construction of Main Electrical and Chiller Plant Building footing and 1/F;
- Construction of Post Treatment Building footing;
- Preparation Works for the piling work at Intake Shaft Area;
- Pipe piles driven and excavation and lateral support construction works at Intake Shaft;
- Welding on temporary steel platform by derrick lighter at Intake Shaft;
- Welding work inside the hopper of derrick barge at Intake Shaft Area;
- Material loading & unloading onto the steel platform at Intake Shaft Area;
- Survey setting out at Intake Shaft Area;
- Marine Dredging at Outfall Shaft;
- Cable drawpit construction;
- Excavation and laying yard piping;
- Combined Shaft foundation construction;
- Construction of Combined Shaft permanent structure;
- Construction of reinforced concrete Wall of Combined Shaft;
- Removal of excavation and lateral support strut layers W4 and W5 of Combined Shaft;
- Preparation works for marine construction activities;
- Excavation and lateral support for Pump House;
- Wan Po Road sewage works – Temporary Traffic Arrangement, excavation and laying HDPE pipe

1.5. SUMMARY OF ENVIRONMENTAL STATUS

A summary of the valid permits, licences, and /or notifications on environmental protection for this Project is presented in **Table 1.2**.

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

Permit/ Licenses/ Notification	Reference	Validity Period	Remarks
Environmental Permit	FEP – 01/503/2015/A	Throughout the Contract	
Notification of Construction Works under the Air Pollution Control (Construction Dust) Regulation (Form NA)	Ref. No.: 451539	30/12/2019 – 30/03/2023	
Wastewater Discharge Licence	WT00035775-2020	24/07/2020 – 31/07/2025	
Chemical Waste Producer Registration	5213-839-A2987-01	Throughout the Contract	
Construction Noise Permit (24 hours)	GW-RE0784-20	01/10/2020 – 31/03/2021	CNP for general works, TBM at Combined Shaft and marine works
	GW-RE0337-21	02/04/2021- 30/04/2021	
	GW-RE0419-21	01/05/2021 – 30/10/2021	
Billing Account for Disposal of Construction Waste	7036276	Throughout the Contract	
Dumping at Sea Ordinance (DASO) Permit (Category L)	EP/MD/21-102	25/03/2021 – 30/06/2021	

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

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

Parameters	Status
Water Quality	
Baseline Monitoring under EM&A Manual	The baseline water quality monitoring was conducted between 12 May 2020 and 6 June 2020
Impact Monitoring	On-going
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	On-going
Waste Management	
Mitigation Measures in Waste Monitoring Plan	On-going
Environmental Audit	
Site Inspection covering Measures of Air Quality, Noise Impact, Water Quality, Waste, Ecological Quality, Fisheries, Landscape and Visual	On-going

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.

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 of the Project during the reporting period is provided in **Appendix C**.

2. NOISE

2.1. MONITORING REQUIREMENTS

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.

In accordance with the EM&A Manual, baseline noise level at the noise monitoring stations were established as presented in the Baseline Monitoring Report. Impact noise monitoring will be conducted once per week in the form of 30-minutes measurements L_{eq} , L_{10} and L_{90} levW4

recorded at each monitoring station between 0700 and 1900 on normal weekdays.

Referring to EM&A manual Section 4.1.2, the impact noise monitoring should be carried out at all the designated monitoring stations when there are project-related construction activities undertaken within a radius of 300m from the monitoring stations.

No impact monitoring for noise impact was conducted in the reporting period due to the overly distant monitoring station from the works location, where they were farther than 1 km from the closet monitoring station NSR4 to the works location.

Construction noise level would be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{Aeq}). $L_{eq\ 30min}$ was used as the monitoring parameter for the time period between 0700 and 1900 on normal weekdays. **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 weekdays)	Continuously in $L_{eq\ 5min}/L_{eq\ 30min}$ (average of 6 consecutive $L_{eq\ 5min}$)	$L_{eq\ 30min}$ $L_{10\ 30min}$ & $L_{90\ 30min}$

2.2. MONITORING LOCATIONS

The monitoring locations should normally be 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.

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

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

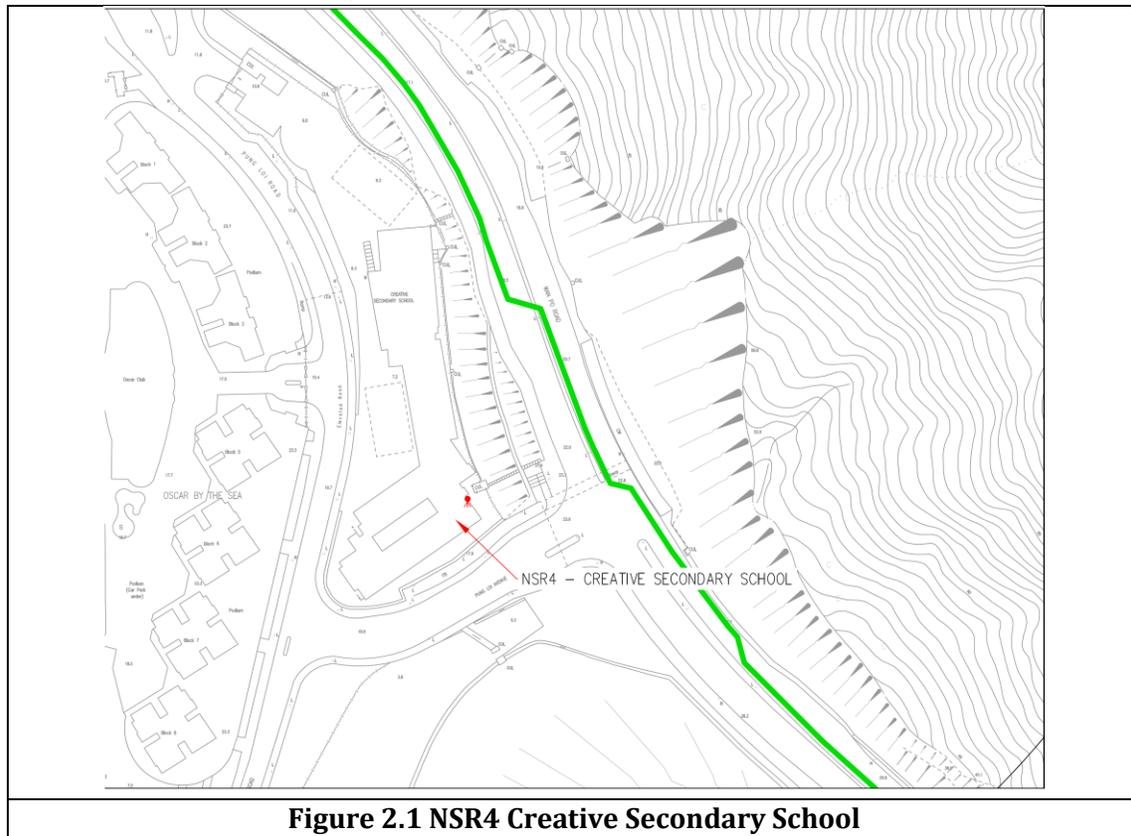


Figure 2.1 NSR4 Creative Secondary School

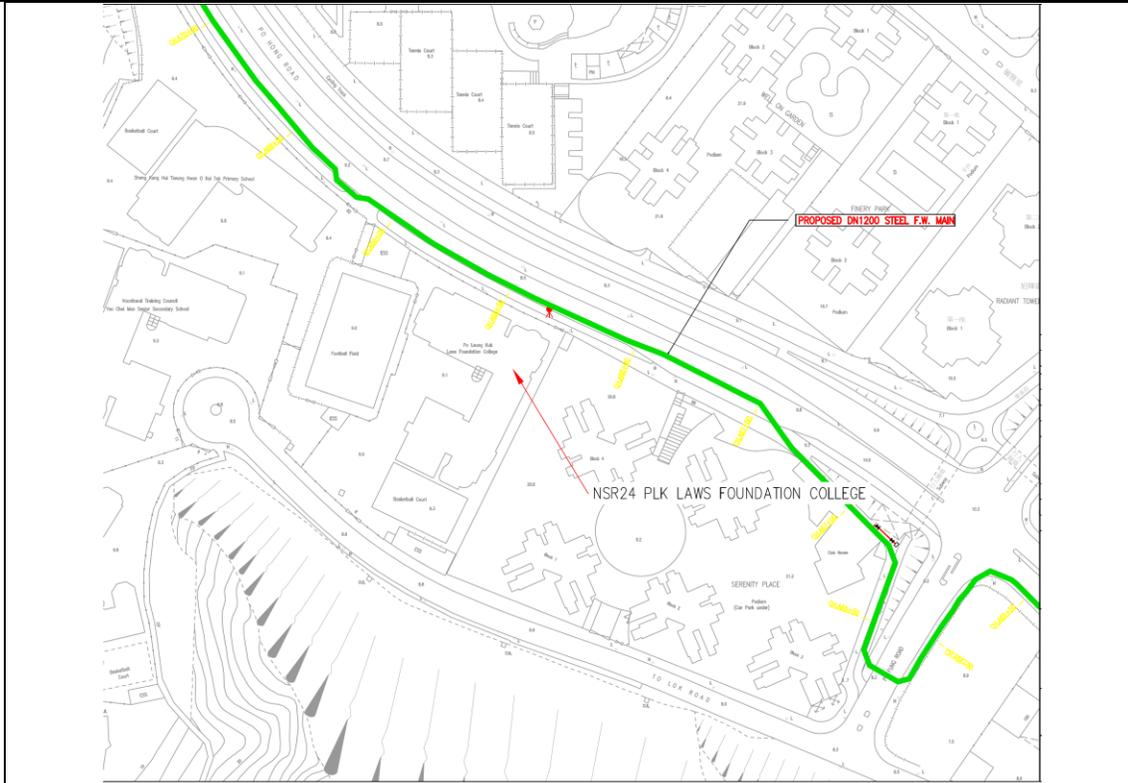


Figure 2.2 NSR24 PLK Laws Foundation College

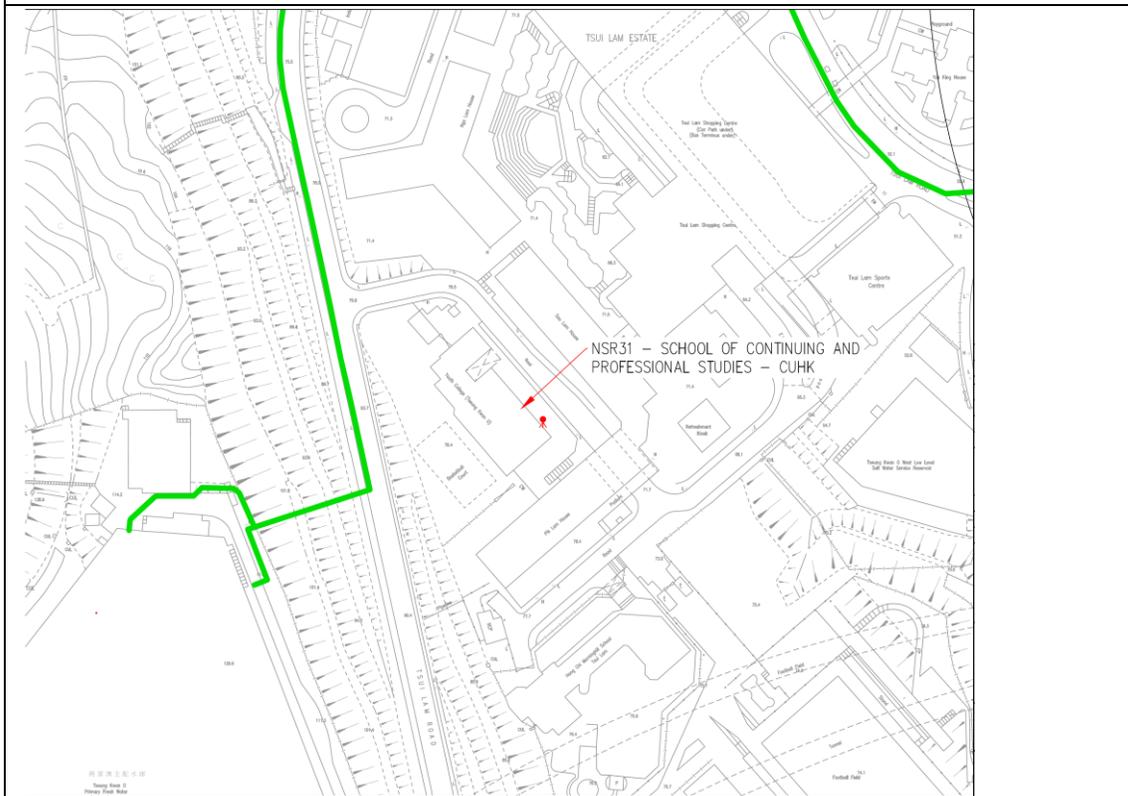


Figure 2.3 NSR31 School of Continuing and Professional Studies - CUHK

2.3. ACTION AND LIMIT LEVELS

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 Level	Limit Level (dB(A))
0700-1900 on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers	<ul style="list-style-type: none"> • 70 dB(A) for school and • 65 dB(A) during examination period

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

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**.

2.4. MONITORING RESULTS AND OBSERVATIONS

Referring to EM&A manual Section 4.1.2, the impact noise monitoring should be carried out when there are project-related construction activities undertaken within a radius of 300m from the monitoring stations. No monitoring station was located within a radius of 300m of the Project site as shown in **Figure 2.4**, no impact monitoring for noise impact was conducted in the reporting period.

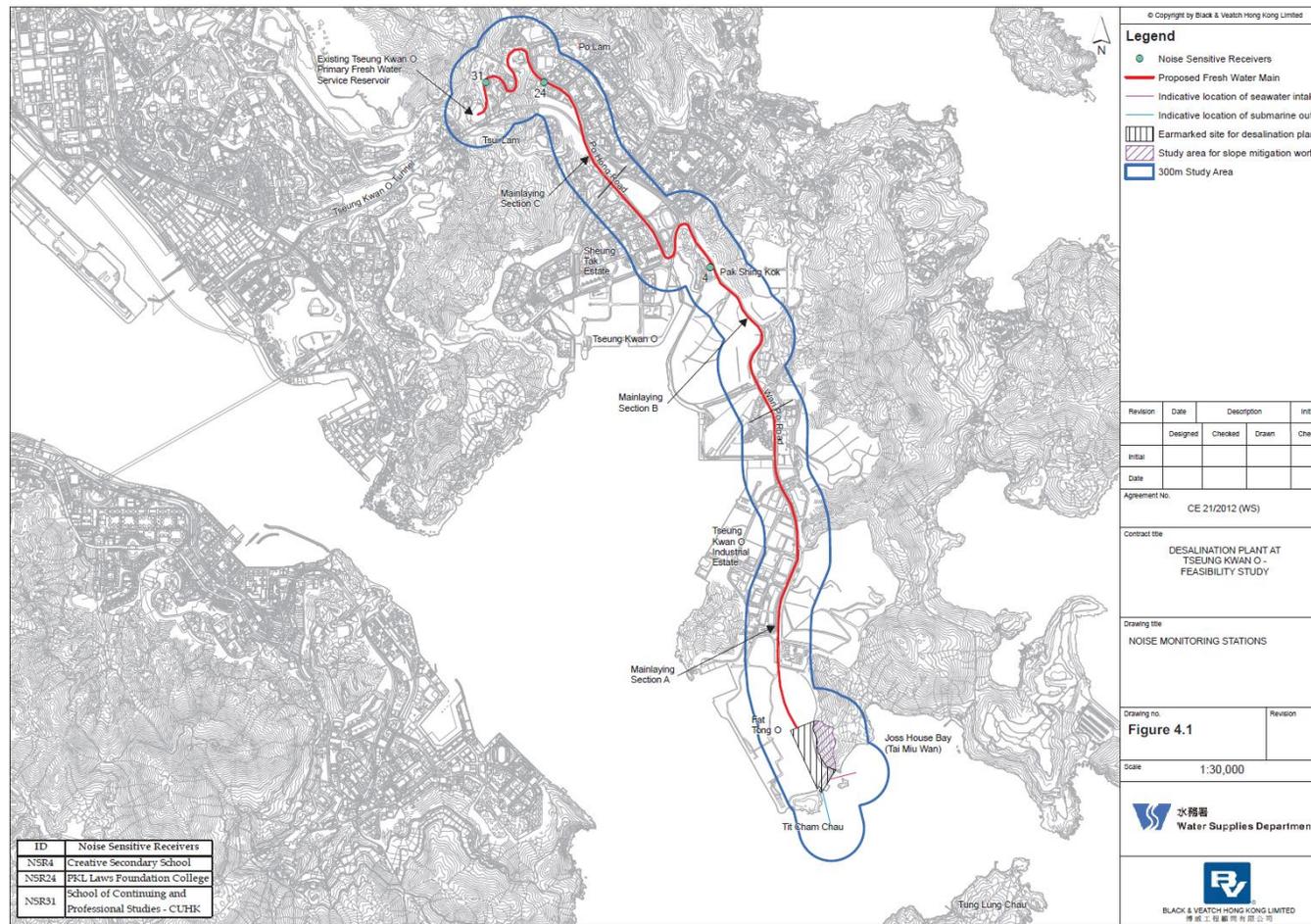


Figure 2.4 Site Layout Plan with Noise Sensitive Receivers and Desalination Plant

3. WATER QUALITY

In accordance with the recommendations of the EIA, water quality EM&A is required during dredging for the submarine pipelines and, during operation phase. In addition, baseline water quality monitoring will be required prior to the commencement of marine construction activities. 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. The water quality monitoring programme will be carried out to allow any deteriorating water quality to be readily detected and timely action taken to rectify the situation. The status and locations of water quality sensitive receivers and the marine works location may change after issuing this Document. If required, the ET in consultation with IEC will propose monitoring locations and seek approval from EPD.

Water quality monitoring for the Project can be divided into the following stages:

- Dredging activities during construction phase;
- Discharge of effluent from main disinfection during construction phase;
- Operation phase – first year upon commissioning; and,
- Continuous monitoring of effluent quality.

In addition, the marine works contractor is required to complete a silt curtain efficiency test for the combined use of floating silt curtain type and cage type silt curtain for dredging at seawater intake to confirm the silt curtain reduction efficiency assumptions of the assessment. The details of testing plan together with the silt curtain deployment plan shall be submitted by the ET to seek approval from the IEC and EPD.

With the onset of marine dredging activities in late April at Outfall Shaft Area, a silt curtain efficiency test has been conducted at the Outfall Shaft Area on 16 April 2021 at 6 monitoring intervals (08:00, 10:00, 12:00, 14:00, 16:00, 18:00). The baseline monitoring event has been conducted on 10 April 2021 at 5 monitoring locations. Testing protocols and methodologies had followed the guidelines as presented in the EM&A Manual *Annex C*. Detailed analysis of in-situ and laboratory data was presented in a separate report which has been submitted to EPD after approval by IEC on 31 May 2021. The overall Silt Removal Effectiveness at Outfall Shaft Area for the combined used of cage and floating type silt curtains was 95.28%.

3.1. IMPACT MONITORING METHODOLOGY

3.1.1. WATER QUALITY PARAMETERS

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 baseline monitoring are listed in **Table 3.1**.

Table 3.1 Parameters measured in the baseline marine water quality monitoring

Parameters	Unit	Abbreviation
In-situ measurements		
Dissolved oxygen	mg/L	DO
Temperature	°C	-
pH	-	-
Turbidity	NTU	-
Salinity	‰	-
Total Residual Chlorine ^{NOTE1}	mg/L	TRC
Laboratory measurements		
Suspended Solids	mg/L	SS
Iron-Soluble ^{NOTE2}	mg/L	Fe
Anti-scalant as Reactive Phosphorus ^{NOTE2}	mg/L	PO ₄ as P-

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

NOTE 2: The testing methods shall be submitted to EPD for approval prior to the commencement of monitoring programme

In addition to the water quality parameters, other relevant data will also be 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.

3.1.2. MONITORING LOCATIONS

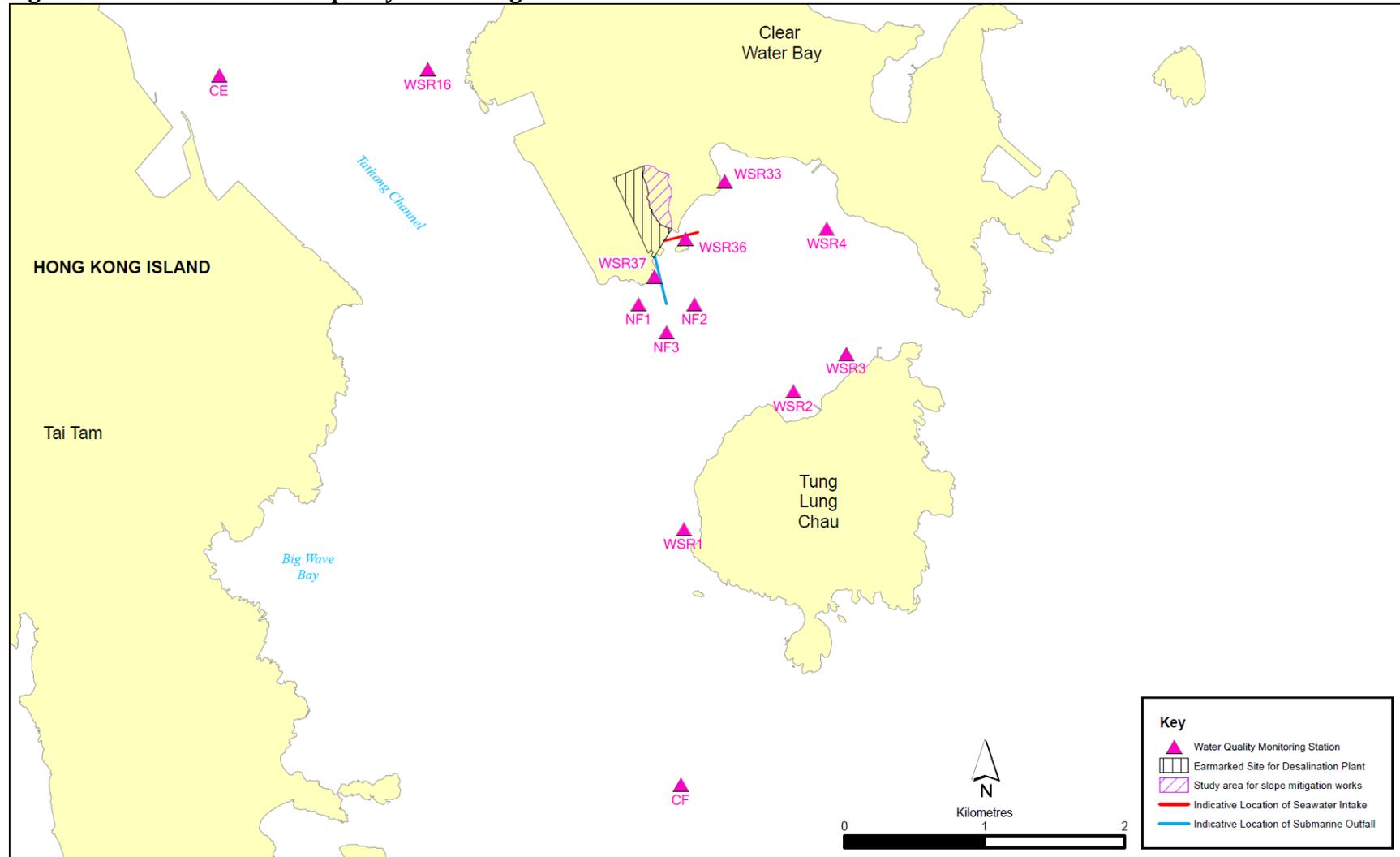
The water quality monitoring locations for baseline in accordance to the EM&A Manual and Contract Specification are shown in **Figure 3.1** respectively, and detailed in **Table 3.2** below. A schedule for water quality monitoring shall be prepared by the ET and approved by IEC and EPD prior to the commencement of the monitoring.

Table 3.2 Location of Baseline Water Quality Monitoring Station

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

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.

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



3.2. MONITORING EQUIPMENT

For water quality monitoring, the following equipment will be used:

Dissolved Oxygen and Temperature Measuring Equipment - The instrument will be a portable, weatherproof dissolved oxygen measuring instrument complete with cable, sensor, comprehensive operation manuals, and will be operable from a DC power source. It will be 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 shall have 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 shall be 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 will be a portable, weatherproof turbidity-measuring unit complete with cable, sensor and comprehensive operation manuals. The equipment will be operated from a DC power source, it will have a photoelectric sensor capable of measuring turbidity between 0 - 1000 NTU and will be 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 will be 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) will be 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 should be suitably calibrated. The ET shall seek approval for their proposed equipment with the client prior to deployment.

Current Velocity and Direction - No specific equipment is recommended for measuring the current velocity and direction. The environmental contractor shall seek approval of their proposed equipment with the client prior to deployment.

Positioning Device - A Global Positioning System (GPS) shall be used during monitoring to allow accurate recording of the position of the monitoring vessel before taking measurements. The Differential GPS, or equivalent instrument, should be 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, will be used (e.g. Kahlsico Water Sampler 13SWB203 or an approved similar instrument). The water sampler will have 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 for Discharge of Sterilization Water - Total residual chlorine (TRC) shall be measured in-situ using a handheld colorimeter with its testing toolkits.

3.3 SAMPLING / TESTING PROTOCOLS

All in situ monitoring instruments will be 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 will be checked with certified standard solutions before each use.

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

3.4 LABORATORY MEASUREMENT AND ANALYSIS

All laboratory work shall be carried out in a HOKLAS accredited laboratory. Sufficient volume of each water sample shall be collected at the monitoring stations for carrying out the laboratory analyses. Using chain of custody forms, collected water samples will be transferred to an HOKLAS accredited laboratory for immediate processing. The determination work shall start within the next working day after collection of the water samples. The laboratory measurements shall be provided to the client within 5 working days of the sampling event. Analytical methodology and sample preservation of other parameters will be 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 submitted information should include pre-treatment procedures, instrument use, Quality Assurance/Quality Control (QA/QC) details (such as blank, spike recovery, number of duplicate samples per-batch etc), detection limits and accuracy. The QA/QC details shall be in accordance with requirements of HOKLAS or another internationally accredited scheme.

Parameters for laboratory measurements, their standard methods and their detection limits are presented in **Table 3.3**.

Table 3.3 Laboratory measurements, standard methods and corresponding detection limits of marine water quality monitoring

Parameters	Standard Methods	Detection Limit	Reporting Limit	Precision
Dissolved oxygen (mg/L)	Instrumental, CTD	0.1	-	±25%
Temperature (°C)	Instrumental, CTD	0.1	-	±25%
pH	Instrumental, CTD	0.1	-	±25%
Turbidity (NTU)	Instrumental, CTD	0.1	-	±25%
Salinity (‰)	Instrumental, CTD	0.1	-	±25%
Suspended Solids (mg/L)	APHA 17 th Ed 2540D	1.0	2.0	±17%
Total Residual Chlorine (mg/L)	APHA 21 st Ed 4500 – Cl G ^{NOTE1}	0.1 ^{NOTE1}	0.2 ^{NOTE1}	±10% ^{NOTE1}
Iron-soluble	USEPA 6010C ^{NOTE 1}	0.2 ^{NOTE1}	0.2 ^{NOTE1}	±25% ^{NOTE1}
Anti-scalant as Reactive phosphorus	APHA 4500P: B&F ^{NOTE1}	0.01 ^{NOTE1}	0.01 ^{NOTE1}	±25% ^{NOTE1}

NOTE1: The testing methods, Quality Assurance/Quality Control (QA/QC) details, detection limits and accuracy shall be submitted to EPD for approval prior to the commencement of monitoring programme.

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

3.5. MONITORING PROGRAMME

The ET of the Project had conducted the baseline water monitoring between 12 May 2020 to 6 June 2020 at the thirteen designated monitoring stations and the six designated monitoring at waters near TKO in accordance with the EM&A Manual and Contract Specification respectively. The monitoring results were presented in the Baseline Water Quality Monitoring Report separately.

Marine construction and dredging activities for the Project have been conducted in the reporting period from March 2021 to May 2021.

3.5.1. SAMPLING FREQUENCY

During periods when there are dredging works, impact monitoring should be undertaken at the monitoring stations as shown in **Figure 3.1** and **Table 3.2** three days per week during the construction phase after the commencement of marine construction works and dredging activities. Monitoring at each station would be undertaken at both mid-ebb and mid-flood tides on the same day. The tidal range selected for the impact monitoring will be at least 0.5 m for both flood and ebb tides as far as practicable. The interval between two sets of monitoring would not be 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.

The monitoring location/position, time, water depth, water temperature, salinity, weather conditions, sea conditions, tidal stage, special phenomena and work underway at the marine works site will be recorded.

3.5.2. SAMPLING DEPTHS & REPLICATION

For impact monitoring, each station will be sampled and measurements/ water samples will be taken at three depths, 1 m below the sea surface, mid-depth and 1 m above the seabed. For stations that are less than 3 m in depth, only the mid depth sample shall be taken. For stations that are less than 6 m in depth, only the surface and seabed sample shall be taken. For in situ measurements, duplicate readings shall be made at each water depth at each station. Duplicate water samples shall be collected at each water depth at each station. A summary of the results was recorded in the data record sheet in **Appendix I**.

3.5.3. ACTION AND LIMIT LEVELS

The Action and Limit Levels have been set based on the derivation criteria specified in the EM&A Manual, as shown in **Table 3.4** below. Based on the baseline water quality monitoring data and the derivation criteria specified in **Table 3.4**, the Action/Limit Levels have been derived and are presented in **Table 3.5**.

Table 3.4 Criteria of Action and Limit Levels for Water Quality

Parameters	Action	Limit
Construction Phase Impact Monitoring		
DO in mg/L	<u>Surface and Middle</u> 5%-ile of baseline data for surface and middle layer <u>Bottom</u> 5%-ile of baseline data for bottom layers <u>Tung Lung Chau Fish Culture Zone</u> 5.1 mgL ⁻¹ or level at control station (whichever the lower)	<u>Surface and Middle</u> 4 mg L ⁻¹ <u>Bottom</u> 2 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u> 5.0 mgL ⁻¹ or level at control station (whichever the lower)
SS in mg/L (Depth-averaged)	≥ 95 %-ile of baseline data or 20% exceedance of value at any impact station compared with corresponding data from control station	≥ 99 %-ile of baseline data or 30% exceedance of value at any impact station compared with corresponding data from control station
Turbidity in NTU (Depth-averaged)	≥ 95 %-ile of baseline data or 20% exceedance of value at any impact station compared with corresponding data from control station	≥ 99 %-ile of baseline data or 30% exceedance of value at any impact station compared with corresponding data from control station
First-year Operation Phase Monitoring		
DO in mg/L	<u>Surface and Middle</u> 5%-ile of baseline data for surface and middle layer <u>Bottom</u> 5%-ile of baseline data for bottom layers <u>Tung Lung Chau Fish Culture Zone</u>	<u>Surface and Middle</u> 4 mg L ⁻¹ <u>Bottom</u> 2 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u>

	5.1 mgL ⁻¹ or level at control station (whichever the lower)	5.0 mgL ⁻¹ or level at control station (whichever the lower)
SS in mg/L (Depth-averaged)	≥ 95 %-ile of baseline data or 20% exceedance of value at any impact station compared with corresponding data from control station	≥ 99 %-ile of baseline data or 30% exceedance of value at any impact station compared with corresponding data from control station
Turbidity in NTU (Depth-averaged)	≥ 95 %-ile of baseline data or 20% exceedance of value at any impact station compared with corresponding data from control station	≥ 99 %-ile of baseline data or 30% exceedance of value at any impact station compared with corresponding data from control station
Salinity in PSU (Depth-averaged)	109% of baseline level or 9% exceedance of value at any impact station compared with corresponding data from control station	110% of baseline level or 10% exceedance of value at any impact station compared with corresponding data from control station
Iron in mg/L (Depth-averaged)	0.3 mgL ⁻¹	0.3 mgL ⁻¹

Table 3.5 Derived Action and Limit Levels for Water Quality

Parameters	Action	Limit
Construction Phase Impact Monitoring		
DO in mg/L	<u>Surface and Middle</u> 7.30 mg L ⁻¹ <u>Bottom</u> 7.31 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u> 5.1 mgL ⁻¹ or level at control station (whichever the lower)	<u>Surface and Middle</u> 4 mg L ⁻¹ <u>Bottom</u> 2 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u> 5.0 mgL ⁻¹ or level at control station (whichever the lower)
SS in mg/L (Depth-averaged)	5.00 mg L ⁻¹ or 20% exceedance of value at any impact station compared with corresponding data from control station	6.00 mg L ⁻¹ or 30% exceedance of value at any impact station compared with corresponding data from control station
Turbidity in NTU (Depth-averaged)	2.41 NTU or 20% exceedance of value at any impact station compared with corresponding data from control station	2.84 NTU or 30% exceedance of value at any impact station compared with corresponding data from control station
First-year Operation Phase Monitoring^{iv}		
DO in mg/L	<u>Surface and Middle</u> 7.30 mg L ⁻¹ <u>Bottom</u> 7.31 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u> 5.1 mgL ⁻¹ or level at control station (whichever the lower)	<u>Surface and Middle</u> 4 mg L ⁻¹ <u>Bottom</u> 2 mg L ⁻¹ <u>Tung Lung Chau Fish Culture Zone</u> 5.0 mgL ⁻¹ or level at control station (whichever the lower)
SS in mg/L (Depth-averaged)	5.00 mg L ⁻¹ or 20% exceedance of value at any impact station compared with corresponding data from control station	6.00 mg L ⁻¹ or 30% exceedance of value at any impact station compared with corresponding data from control station

Turbidity in NTU (Depth-averaged)	2.41 NTU or 20% exceedance of value at any impact station compared with corresponding data from control station	2.84 NTU or 30% exceedance of value at any impact station compared with corresponding data from control station
Salinity in PSU (Depth-averaged)	34.28 PSU or 9% exceedance of value at any impact station compared with corresponding data from control station	34.60 PSU or 10% exceedance of value at any impact station compared with corresponding data from control station
Iron in mg/L (Depth-averaged)	0.3 mgL ⁻¹	0.3 mgL ⁻¹

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. For the Action and Limit Levels adopted during First-year Operation Phase Monitoring, further review would be made according to the EM&A Manual during Operation Phase.

3.6. MONITORING RESULTS AND OBSERVATIONS

General water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) were conducted on 1, 3, 5, 8, 10, 12, 15, 17, 19, 23, 25, 27 and 30 March 2021; 1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29 April 2021 and 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 May 2021.

During the impact monitoring period between March 2021 to May 2021, thirty-two (32) of the general water quality monitoring results of suspended solids (SS) obtained had exceeded the Action Level. Twelve (12) of the general water quality monitoring results of SS obtained during the reporting quarter had exceeded the Limit Level.

Details of the exceedance are presented in **Appendix L**.

Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 25/3, 27/3, 06/04, 13/04, 29/04, 11/05, 18/05 and 27/05 were concluded to be unrelated to the project as detailed in the Incident Reports on Action Level or Limit Level Non-compliance along with supporting materials in **Appendix L**.

Monitoring results of 6 key parameters: Salinity, DO, turbidity, SS, pH and temperature in this reporting, are summarized in **Table 3.6** and **Table 3.7**, and details results are presented in **Appendix I**.

Table 3.6 Summary of Regular Impact Water Quality Monitoring Results (Mid-Flood)

Locations		Parameters																				
		Salinity (ppt)			Dissolved Oxygen (mg/L)						pH			Turbidity (NTU)			Suspended Solids (mg/L)			Temp. (°C)		
					Surface & Middle			Bottom														
Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May		
CE	Avg.	30.37	30.53	30.13	9.44	8.71	9.49	9.36	8.64	9.42	8.41	8.34	8.48	2.40	3.3	3.9	3.14	3.13	3.19	23.2	24.9	28.9
	Min.	26.88	19.87	27.49	7.92	7.38	8.47	8.36	7.56	7.97	8.17	8.06	8.24	1.60	1.6	2.8	2.50	2.50	2.50	20.0	22.7	26.8
	Max.	31.88	32.41	31.19	10.74	9.91	10.75	10.57	9.93	10.67	8.71	8.78	8.72	3.20	5.2	5.6	9.10	7.50	15.50	27.1	29.0	30.2
CF	Avg.	30.31	30.70	30.08	9.36	8.66	9.55	9.24	8.73	9.53	8.39	8.32	8.47	2.5	3.5	3.9	3.17	3.17	3.23	23.0	24.7	28.7
	Min.	26.71	26.85	27.65	7.87	7.54	8.76	8.21	7.64	8.16	8.17	8.01	8.23	1.6	2.1	2.7	2.50	2.50	2.50	19.6	22.2	26.3
	Max.	31.81	32.47	31.26	10.68	9.86	10.42	10.40	9.76	10.54	8.70	8.79	8.68	3.6	5.6	5.2	4.60	9.30	5.90	26.7	28.9	30.1
WSR1	Avg.	30.26	30.66	30.08	9.30	8.81	9.49	9.24	9.01	9.41	8.41	8.33	8.47	2.3	2.4	2.4	3.15	3.12	3.44	23.0	24.7	28.8
	Min.	26.71	27.01	27.63	7.82	7.52	8.48	8.35	7.96	7.84	8.17	8.01	8.25	1.5	1.6	1.6	2.50	2.50	2.50	19.7	22.4	26.2
	Max.	31.87	32.07	31.21	10.73	9.96	10.48	10.39	10.12	10.49	8.70	8.80	8.72	3.0	3.3	3.0	6.30	5.20	7.20	26.6	28.9	30.1
WSR2	Avg.	30.35	30.62	30.12	9.33	8.68	9.46	9.23	8.61	9.49	8.41	8.32	8.48	2.4	2.4	2.4	3.18	3.43	3.43	23.1	24.7	28.8
	Min.	26.89	26.79	27.85	7.88	7.72	8.29	8.31	7.79	8.64	8.18	8.01	8.24	1.4	1.6	1.9	2.50	2.50	2.50	19.9	22.4	26.4
	Max.	31.86	32.46	31.22	10.72	9.67	10.80	10.57	9.45	10.44	8.67	8.71	8.72	3.1	3.1	3.0	5.00	6.70	12.00	26.7	28.9	30.1
WSR3	Avg.	30.36	30.66	30.06	9.22	8.68	9.45	9.15	8.75	9.42	8.41	8.31	8.48	2.3	2.4	2.4	3.38	3.37	3.44	23.0	24.7	28.8
	Min.	26.78	27.00	27.54	7.82	7.69	8.94	8.10	7.59	7.92	8.17	8.03	8.29	1.6	1.6	1.8	2.50	2.50	2.50	20.0	22.4	26.4
	Max.	31.88	32.33	31.14	10.61	9.85	10.37	9.95	9.79	10.81	8.65	8.80	8.71	3.2	3.2	3.1	5.80	6.90	12.60	26.6	29.0	30.1
WSR4	Avg.	30.32	30.68	30.09	9.30	8.89	9.48	9.22	8.73	9.35	8.40	8.32	8.48	2.3	2.4	2.4	3.53	3.65	3.73	23.1	24.8	28.9
	Min.	26.77	26.89	27.75	7.74	7.93	8.37	7.97	7.48	7.97	8.17	8.02	8.27	1.5	1.4	1.9	2.50	2.50	2.50	19.8	22.4	26.5
	Max.	31.69	32.32	31.11	10.60	9.91	10.36	10.28	9.97	10.87	8.70	8.75	8.73	3.0	3.4	3.3	6.60	8.00	15.60	26.8	29.0	30.2
WSR16	Avg.	30.37	30.60	30.14	9.35	8.68	9.44	9.31	8.81	9.34	8.44	8.32	8.48	2.3	2.5	2.5	3.55	3.56	3.24	23.1	24.9	28.9
	Min.	26.96	25.37	27.81	8.10	7.36	8.08	8.28	7.71	8.12	8.17	8.05	8.21	1.5	1.6	1.8	2.50	2.50	2.50	19.9	22.6	26.8
	Max.	31.88	32.30	31.14	10.65	9.73	10.98	10.67	9.65	10.17	8.68	8.80	8.72	3.2	4.0	3.2	6.70	7.00	5.40	27.0	29.0	30.2
WSR33	Avg.	30.32	30.70	30.10	9.32	8.73	9.51	9.23	8.72	9.42	8.43	8.33	8.47	2.3	2.5	2.4	3.34	3.45	3.71	23.0	24.8	28.9
	Min.	26.80	26.95	27.85	8.18	7.55	8.56	7.91	7.48	8.08	8.17	8.05	8.23	1.6	1.6	1.5	2.50	2.50	2.50	19.8	22.5	26.5
	Max.	31.73	32.42	31.22	10.89	10.12	10.36	10.62	10.13	10.11	8.70	8.73	8.73	3.2	3.2	3.2	6.90	10.10	15.10	26.9	29.0	30.1
WSR36	Avg.	30.41	30.65	30.08	9.40	8.66	9.46	9.15	8.74	9.50	8.43	8.31	8.47	2.3	2.5	2.4	3.39	3.39	3.94	23.0	24.9	28.8
	Min.	26.70	24.50	27.53	8.11	6.76	8.50	8.41	7.22	8.29	8.17	8.01	8.22	1.4	1.7	1.6	2.50	2.50	2.50	19.6	22.6	26.7
	Max.	31.87	32.43	31.23	10.85	10.06	10.64	10.72	9.93	10.50	8.70	8.74	8.73	2.9	4.5	3.1	6.50	6.90	23.00	26.9	28.9	30.0
WSR37	Avg.	30.34	30.67	30.14	9.43	8.75	9.44	9.44	8.70	9.27	8.42	8.32	8.48	2.3	2.4	2.4	3.65	3.55	3.81	23.0	24.9	28.9
	Min.	26.75	26.80	27.52	8.24	7.48	8.64	7.83	7.60	8.41	8.19	8.02	8.20	1.5	1.5	1.8	2.50	2.50	2.50	19.7	22.6	26.9
	Max.	31.85	32.19	31.21	10.85	9.74	10.24	10.72	9.66	9.90	8.69	8.75	8.73	3.0	3.5	3.4	9.00	6.60	15.40	26.9	29.0	30.2

Table 3.7 Summary of Regular Impact Water Quality Monitoring Results (Mid-Ebb)

Locations		Parameters																				
		Salinity (ppt)			Dissolved Oxygen (mg/L)						pH			Turbidity (NTU)			Suspended Solids (mg/L)			Temp. (°C)		
					Surface & Middle			Bottom														
	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	Mar	Apr	May	
CE	Avg.	30.38	30.49	30.11	9.40	8.77	9.45	9.34	8.78	9.42	9.34	8.31	8.55	2.4	3.4	3.8	3.12	2.98	4.76	23.3	25.1	29.0
	Min.	26.20	26.78	27.51	7.56	7.45	8.63	7.79	7.48	8.58	7.79	7.95	8.29	1.6	2.7	2.6	2.50	2.50	2.50	19.9	23.0	26.6
	Max.	31.72	32.32	31.51	10.78	9.98	10.57	10.64	10.13	10.47	10.64	8.66	8.85	3.2	4.6	5.0	9.00	5.70	99.60	27.5	29.0	30.3
CF	Avg.	30.45	30.60	30.12	9.42	8.78	9.57	9.33	8.77	9.54	9.33	8.31	8.53	2.5	3.2	3.8	3.08	3.11	4.03	23.4	25.2	29.1
	Min.	26.20	27.17	27.15	7.60	7.65	8.33	7.65	7.58	8.54	7.65	7.97	8.28	1.8	1.6	2.8	2.50	2.50	2.50	19.9	23.0	27.0
	Max.	31.97	32.30	31.46	11.01	10.05	10.67	11.07	10.05	10.45	11.07	8.72	8.87	3.2	4.6	5.1	4.70	7.50	17.30	28.1	28.9	30.3
WSR1	Avg.	30.28	30.56	30.14	9.30	8.70	9.47	9.43	8.84	9.55	9.43	8.31	8.50	2.3	2.4	2.4	3.21	3.16	3.76	23.4	25.3	29.1
	Min.	26.29	26.76	27.13	7.50	7.45	8.42	7.60	7.49	8.05	7.60	8.02	8.28	1.5	1.6	1.6	2.50	2.50	2.50	20.1	23.1	26.9
	Max.	31.88	32.21	31.23	10.99	9.81	10.29	10.61	9.78	10.50	10.61	8.71	8.88	3.1	3.5	3.1	6.80	5.70	16.90	28.0	28.8	30.3
WSR2	Avg.	30.39	30.51	30.12	9.44	8.84	9.45	9.42	8.81	9.42	9.42	8.32	8.51	2.4	2.4	2.5	3.14	2.97	3.85	23.4	25.2	29.1
	Min.	26.20	27.35	27.38	8.08	7.66	8.45	7.55	7.79	8.24	7.55	7.96	8.28	1.5	1.6	1.8	2.50	2.50	2.50	19.9	23.1	26.8
	Max.	31.95	32.35	31.53	10.88	9.79	10.47	10.89	10.14	10.46	10.89	8.72	8.86	3.1	3.4	3.3	5.40	5.80	13.30	28.0	28.9	30.4
WSR3	Avg.	30.38	30.47	30.16	9.38	8.83	9.50	9.33	8.73	9.41	9.33	8.32	8.53	2.3	2.5	2.5	3.10	3.20	3.63	23.4	25.2	29.1
	Min.	26.29	26.95	27.20	7.66	7.53	8.58	8.25	7.59	8.38	8.25	7.97	8.29	1.7	1.5	1.8	2.50	2.50	2.50	20.1	23.1	26.8
	Max.	31.84	31.94	31.53	10.76	10.18	10.76	10.70	9.69	10.64	10.70	8.70	8.79	2.9	3.4	3.3	4.70	8.80	15.40	28.0	28.9	30.5
WSR4	Avg.	30.33	30.51	30.08	9.32	8.82	9.58	9.20	8.87	9.44	9.20	8.30	8.50	2.3	2.5	2.5	3.08	3.09	3.71	23.4	25.2	29.1
	Min.	26.31	26.88	27.21	7.54	7.76	8.07	7.63	7.58	8.58	7.63	7.95	8.26	1.5	1.6	1.7	2.50	2.50	2.50	20.1	23.1	26.7
	Max.	31.94	32.29	31.50	10.82	10.06	10.81	10.73	9.91	10.54	10.73	8.75	8.84	3.1	3.4	3.3	5.10	5.40	15.30	27.9	28.8	30.4
WSR16	Avg.	30.39	30.57	30.15	9.40	8.81	9.37	9.51	8.74	9.64	9.51	8.32	8.53	2.3	2.5	2.4	3.30	3.29	3.84	23.3	25.2	29.0
	Min.	26.22	26.94	27.30	7.54	7.61	8.42	7.87	7.77	8.86	7.87	7.97	8.27	1.5	1.6	1.6	2.50	2.50	2.50	20.0	23.1	26.5
	Max.	31.71	32.42	31.46	10.94	10.05	10.59	10.95	10.04	10.82	10.95	8.68	8.87	3.1	3.3	3.2	7.60	7.20	15.40	27.5	29.0	30.3
WSR33	Avg.	30.33	30.52	30.12	9.27	8.75	9.51	9.46	8.86	9.66	9.46	8.30	8.53	2.3	2.5	2.5	3.30	3.52	4.19	23.4	25.2	29.1
	Min.	26.19	26.96	27.22	8.03	7.62	8.55	7.75	7.80	8.69	7.75	7.99	8.26	1.4	1.6	1.7	2.50	2.50	2.50	20.2	23.2	26.8
	Max.	31.91	32.41	31.25	10.76	10.17	10.37	10.88	10.12	10.69	10.88	8.66	8.84	2.9	3.3	3.4	7.60	12.70	17.40	27.8	28.9	30.4
WSR36	Avg.	30.41	30.53	30.15	9.40	8.81	9.44	9.35	8.61	9.52	9.35	8.31	8.53	2.3	2.4	2.5	3.26	3.25	4.11	23.4	25.2	29.1
	Min.	26.59	26.74	27.26	8.07	7.50	8.26	7.87	7.60	8.53	7.87	8.08	8.27	1.6	1.4	1.8	2.50	2.50	2.50	20.0	23.1	26.7
	Max.	31.86	32.29	31.39	10.73	10.19	10.51	10.94	9.48	10.74	10.94	8.70	8.87	3.1	3.6	3.1	6.90	6.00	20.70	27.7	28.9	30.4
WSR37	Avg.	30.37	30.54	30.08	9.41	8.77	9.54	9.33	8.79	9.49	9.33	8.32	8.53	2.3	2.4	2.4	3.52	3.27	4.13	23.3	25.2	29.0
	Min.	26.18	26.86	27.26	7.70	7.43	8.54	8.25	7.67	8.43	8.25	8.02	8.26	1.3	1.6	1.9	2.50	2.50	2.50	19.9	23.1	26.7
	Max.	31.89	30.49	31.35	10.94	9.99	10.43	10.86	9.99	10.59	10.86	8.67	8.83	3.0	3.2	3.3	7.30	5.90	17.30	27.6	29.0	30.4

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

The waste generated from this Project 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 project 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 Project, the quantities of different types of waste generated in the reporting month are summarised in **Table 4.1**. Details of cumulative waste management data are presented as a waste flow table in **Appendix G**.

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

Reporting Months	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	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)	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)
Mar 2021	91.710	0	0	0	91.710	0	0.002	0.155	0.010	0	122.940
Apr 2021	0	0	0	0	0	0	28.931	0.057	0.002	0	89.450
May 2021	1557.500	0	0	0	1557.500	0	0.005	0.108	0.009	0	70.750

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

5. LANDFILL GAS MONITORING

5.1. MONITORING REQUIREMENT

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.

5.2. MONITORING LOCATION

Monitoring of oxygen, methane, carbon dioxide and barometric pressure was performed for excavations at 1m depth or more within the consultation Zone.

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.

For excavations between 300mm and 1m deep, measurements should be carried out:

- Directly after the excavation has been completed; and
- Periodically whilst the excavation remains open.

5.3. MONITORING PROGRAMME

Part of the desalination plant and the indicative area of natural slope mitigation works fall within the SENT Landfill Extension Consultation Zone in this contract. Since the SENT Landfill Extension is still under construction, the Landfill gas monitoring shall be conducted after the commencement of operation of the SENT Landfill Extension which will be 2021 Quarter 3 according to the latest construction programme shown in the monthly EM&A Report of SENT Landfill Extension. The Contractor's safety officer shall keep review the necessity of landfill gas monitoring during the construction stage. No landfill gas monitoring was conducted in the reporting period.

6. SUMMARY OF MONITORING EXCEEDANCE, COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTIONS

The Environmental Complaint Handling Procedure is shown in below **Figure 6.1**:

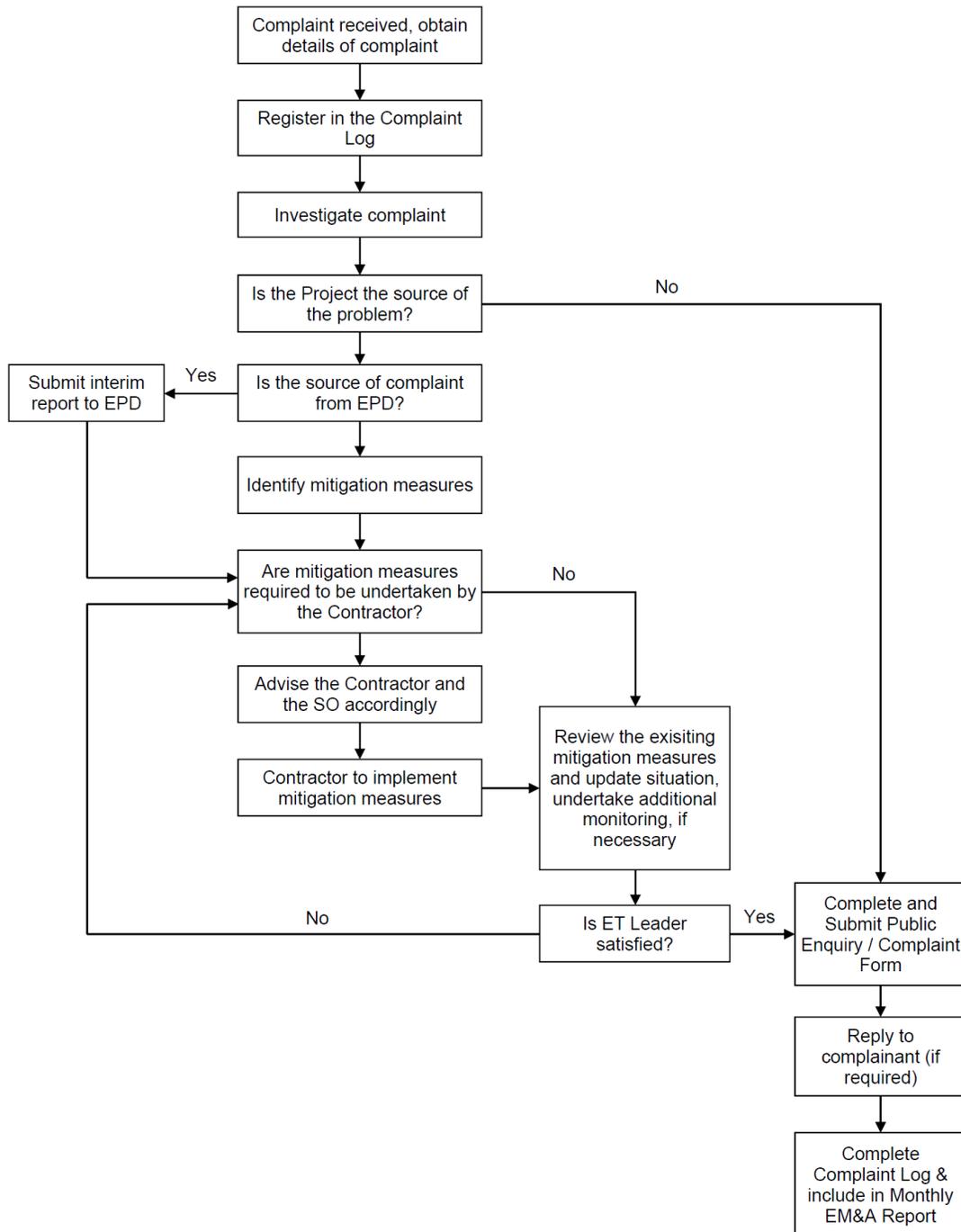


Figure 6.1 Environmental Complaint Handling Procedures

No noise monitoring was conducted during the reporting period since there are no project-related construction activities undertaken within a radius of 300m from the monitoring locations. No project-related exceedance of the Action Level was recorded during the reporting period.

The EM&A works for water quality were conducted during the reporting period in accordance with the EM&A Manual.

General water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) were conducted on 1, 3, 5, 8, 10, 12, 15, 17, 19, 23, 25, 27 and 30 March 2021; 1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29 April 2021 and 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 May 2021.

During the impact monitoring period between March 2021 to May 2021, thirty-two (32) of the general water quality monitoring results of suspended solids (SS) obtained had exceeded the Action Level. Twelve (12) of the general water quality monitoring results of SS obtained during the reporting quarter had exceeded the Limit Level.

Details of the exceedance are presented in **Appendix L**.

Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 25/3, 27/3, 06/04, 13/04, 29/04, 11/05, 18/05 and 27/05 were concluded to be unrelated to the project as detailed in the Incident Reports on Action Level or Limit Level Non-compliance along with supporting materials in Appendix L.

7. EM&A SITE INSPECTION

Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract.

Joint site inspection with IEC was carried out on a weekly basis for 2, 9, 16, 23 and 30 March 2021, 7, 13, 20 and 30 April 2021 and 4, 12, 18, 25 and 31 May 2021.

Minor deficiencies were observed during weekly site inspection. Key observations during the site inspections are summarized below:

- Storage of chemicals and construction materials on-site was not conducted properly
- Sorting of different types of C&D waste materials on-site was not conducted properly

The Contractor has rectified the observations identified during environmental site inspections in the reporting period.

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**.

8. CONCLUSIONS AND RECOMMENDATIONS

This is the 5th Quarterly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 March to 31 May 2021, in accordance with the EM&A Manual and the requirement under FEP-01/503/2015/A.

No noise monitoring was conducted in the reporting period due to the over distant monitoring station from the works location.

The baseline water monitoring had been conducted between 12 May 2020 to 6 Jun 2020 at the thirteen designated monitoring stations and the six designated monitoring at waters near TKO. The EM&A works for water quality were conducted during the reporting period in accordance with the EM&A Manual.

General water quality monitoring at the ten monitoring stations (CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36 and WSR37) were conducted on 1, 3, 5, 8, 10, 12, 15, 17, 19, 23, 25, 27 and 30 March 2021; 1, 3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29 April 2021 and 1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27 and 29 May 2021.

During the impact monitoring period between March 2021 to May 2021, thirty-two (32) of the general water quality monitoring results of suspended solids (SS) obtained had exceeded the Action Level. Twelve (12) of the general water quality monitoring results of SS obtained during the reporting quarter had exceeded the Limit Level.

Details of the exceedance are presented in **Appendix L**.

Investigation on the reason of exceedance has been carried out, where the exceedances of SS on 25/3, 27/3, 06/04, 13/04, 29/04, 11/05, 18/05 and 27/05 were concluded to be unrelated to the project as detailed in the Incident Reports on Action Level or Limit Level Non-compliance along with supporting materials in **Appendix L**.

Weekly environmental site inspection was conducted during the reporting period. Minor deficiency was observed during site inspection and was rectified. The environmental performance of the project was therefore considered satisfactory.

According to the environmental site inspections performed in the reporting period, the Contractor is reminded to pay attention on maintaining proper materials storage.

No environmental complaint was received in the reporting period.

No notification of summons or prosecution was received since commencement of the Contract.

The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

Appendix A

Master Programme

Activity ID	Activity Name	Calendar	Original Duration	Early Start	Early Finish	Total Float	2020																																				2021												2022												2023					
							Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun																						
Project Programme (Level 2)																																																																								
Key Dates																																																																								
Commencement and Completion Date																																																																								
KD0000100	Letter of Acceptance	IWP0 - 7	0	15-Nov-19		0	◆ Letter of Acceptance																																																																	
KD0000110	Commencement of the Works	IWP0 - 7	0	30-Dec-19		0	◆ Commencement of the Works																																																																	
KD0000120	Completion of the Works (1170 Days)	IWP0 - 7	0		13-Mar-23	0																																																													◆ Completion of the Works					
KD0000130	EOT Granted for Completion of the Works (52.5 Days)	IWP0 - 7	53	14-Mar-23	05-May-23	0																																																													◆ EOT Granted					
KD0000500	Extended Completion of the Works	IWP0 - 7	0		05-May-23	0																																																													◆ Extended					
KD0000510	Planned Completion of the Works incl. DFMA	IWP0 - 7	0		05-May-23	0																																																													◆ Planned					
Executive Summaries																																																																								
Preliminary Setup																																																																								
ES0001000	Mobilization and Preliminary Set Up	IWP0 - 7	204	30-Dec-19	20-Jul-20	119	Mobilization and Preliminary Set Up																																																																	
Civil Design AIP and DDA																																																																								
ES0001010	AIP Civil Design Submission and Approval	IWP0 - 7	246	30-Dec-19	31-Aug-20	107	AIP Civil Design Submission and Approval																																																																	
ES0001020	DDA Civil Design Submission and Approval	IWP0 - 7	465	22-Jan-20	30-Apr-21	226	DDA Civil Design Submission and Approval																																																																	
M&E Design AIP and DDA																																																																								
ES0002000	M&E AIP Process Mechanical Submission and Approval	IWP0 - 7	359	30-Dec-19	22-Dec-20	111	M&E AIP Process Mechanical Submission and Approval																																																																	
ES0002010	M&E DDA Process Mechanical Submission and Approval	IWP0 - 7	240	21-Jul-20	17-Mar-21	98	M&E DDA Process Mechanical Submission and Approval																																																																	
ES0002020	M&E AIP Instrumentation & Control Submission and Approval	IWP0 - 7	22	04-Feb-20	25-Feb-20	771	M&E AIP Instrumentation & Control Submission and Approval																																																																	
ES0002030	M&E DDA Instrumentation & Control Submission and Approval	IWP0 - 7	349	30-Jan-21	13-Jan-22	158	M&E DDA Instrumentation & Control Submission and Approval																																																																	
ES0002050	M&E DDA Electrical and Renewable Energy Submission and Approval	IWP0 - 7	144	17-Aug-20	07-Jan-21	70	M&E DDA Electrical and Renewable Energy Submission and Approval																																																																	
ES0002060	M&E AIP Building Services Submission and Approval	IWP0 - 7	306	30-Dec-19	30-Oct-20	102	M&E AIP Building Services Submission and Approval																																																																	
ES0002065	M&E Design Basis & Civil Guidance Dwg	IWP0 - 7	208	30-Dec-19	24-Jul-20	250	M&E Design Basis & Civil Guidance Dwg																																																																	
ES0002070	M&E DDA Building Services Submission and Approval	IWP0 - 7	379	01-Mar-20	14-Mar-21	31	M&E DDA Building Services Submission and Approval																																																																	
ES0002085	M&E AIP Site Electrical Submission and Approval	IWP0 - 7	124	21-Mar-20	22-Jul-20	202	M&E AIP Site Electrical Submission and Approval																																																																	
ES0002090	M&E DDA Lift Submission and Approval	IWP0 - 7	114	01-Oct-20	22-Jan-21	179	M&E DDA Lift Submission and Approval																																																																	
ES0002095	M&E DDA Site Electrical Submission and Approval	IWP0 - 7	246	23-Jul-20	25-Mar-21	256	M&E DDA Site Electrical Submission and Approval																																																																	
ES0002100	M&E AIP T&C Design Submission and Approval	IWP0 - 7	155	18-Mar-22	19-Aug-22	89	M&E AIP T&C Design Submission and Approval																																																																	
ES0002110	M&E DDA T&C Design Submission and Approval	IWP0 - 7	60	20-Aug-22	18-Oct-22	89	M&E DDA T&C Design Submission and Approval																																																																	
Procurement of Major Plant & Equipment Schedule																																																																								
ES0002320	M&E Procurement of Major Plant, Equipment, Material and Delivery	IWP0 - 7	730	04-Feb-20	02-Feb-22	138	M&E Procurement of Major Plant, Equipment, Material and Delivery																																																																	
ES2420	M&E Procurement of Mechanical Equipment - Intake Pumps	IWP0 - 7	661	04-Feb-20	25-Nov-21	81	M&E Procurement of Mechanical Equipment - Intake Pumps																																																																	
ES2430	M&E Procurement of Mechanical Equipment - ActiDAFF Underdrain	IWP0 - 7	385	02-Aug-20	21-Aug-21	27	M&E Procurement of Mechanical Equipment - ActiDAFF Underdrain																																																																	
ES2440	M&E Procurement of Mechanical Equipment - ActiDAFF Media	IWP0 - 7	361	23-Jul-20	18-Jul-21	151	M&E Procurement of Mechanical Equipment - ActiDAFF Media																																																																	
ES2450	M&E Procurement of Mechanical Equipment - RO and ERD Rack	IWP0 - 7	425	22-Jul-20	19-Sep-21	58	M&E Procurement of Mechanical Equipment - RO and ERD Rack																																																																	
ES2460	M&E Procurement of Mechanical Equipment - RO Membrane	IWP0 - 7	937	12-Feb-20	05-Sep-22	39	M&E Procurement of Mechanical Equipment - RO Membrane																																																																	
ES2470	M&E Procurement of Electrical Equipment - CLP Substation for LV Switchboard / Genset / Building Services	IWP0 - 7	349	14-Mar-20	25-Feb-21	213	M&E Procurement of Electrical Equipment - CLP Substation for LV Switchboard / Genset / Building Services																																																																	
132kV Substation																																																																								
ES0001460	Excavation and Formation Works for 132kV Substation	IWP0 - 7	39	16-Mar-20	23-Apr-20	3	Excavation and Formation Works for 132kV Substation																																																																	
ES0001470	Construction of 132kV Substation	IWP0 - 7	248	27-Apr-20	30-Dec-20	0	Construction of 132kV Substation																																																																	
ES0001480	Architectural Finishes for 132kV Substation	IWP0 - 7	68	23-Nov-20	29-Jan-21	0	Architectural Finishes for 132kV Substation																																																																	
ES0002240	M&E Installation of 132kV Substation	IWP0 - 7	92	01-Dec-20	02-Mar-21	0	M&E Installation of 132kV Substation																																																																	
Combine Shaft																																																																								
ES0001060	Construction of Combine Shaft	IWP0 - 7	350	02-May-20	16-Apr-21	0	Construction of Combine Shaft																																																																	
ES0002120	M&E Installation at Combine Shaft	IWP0 - 7	123	11-Feb-22	13-Jun-22	0	M&E Installation at Combine Shaft																																																																	
Intake																																																																								
ES0001070	DN2500 Pipe Jacking for Intake Pipeline	IWP0 - 7	176	17-Apr-21	09-Oct-21	0	DN2500 Pipe Jacking for Intake Pipeline																																																																	
ES0001080	Receiving Pit and Marine Intake Structure	IWP0 - 7	460	07-Mar-21	09-Jun-22	0	Receiving Pit and Marine Intake Structure																																																																	

█ Summary Bar █ Early Bar
█ Actual Summary █ Critical Bar
█ Actual Work ◆ ◆ Milestone



Appendix B

Overview of Desalination Plant in Tseung Kwan O

LEGEND:

- BOUNDARY OF SENT LANDFILL EXTENSION
- BOUNDARY OF WORKS AREA FOR TKO DESALINATION PLANT
- - - SITE PHASING
- ALLOCATED LAND BOUNDARIES

NOTE: TEMPORARY WORKS AREA 1 WILL BE HANDED OVER AT +6 MPD WITH A TOLERANCE OF ±500mm.

B	10/03	UPDATE NOTES	YLC
A	07/18	UPDATE COORDINATES	YLC
Revision	Date	Description	Initial
	Designed	Checked	Drawn
Initial	YLC	CKH	SZ
Date	02/18	02/18	02/18

Approved
Christina Go

Agreement No. CE 8/2015 (WS)

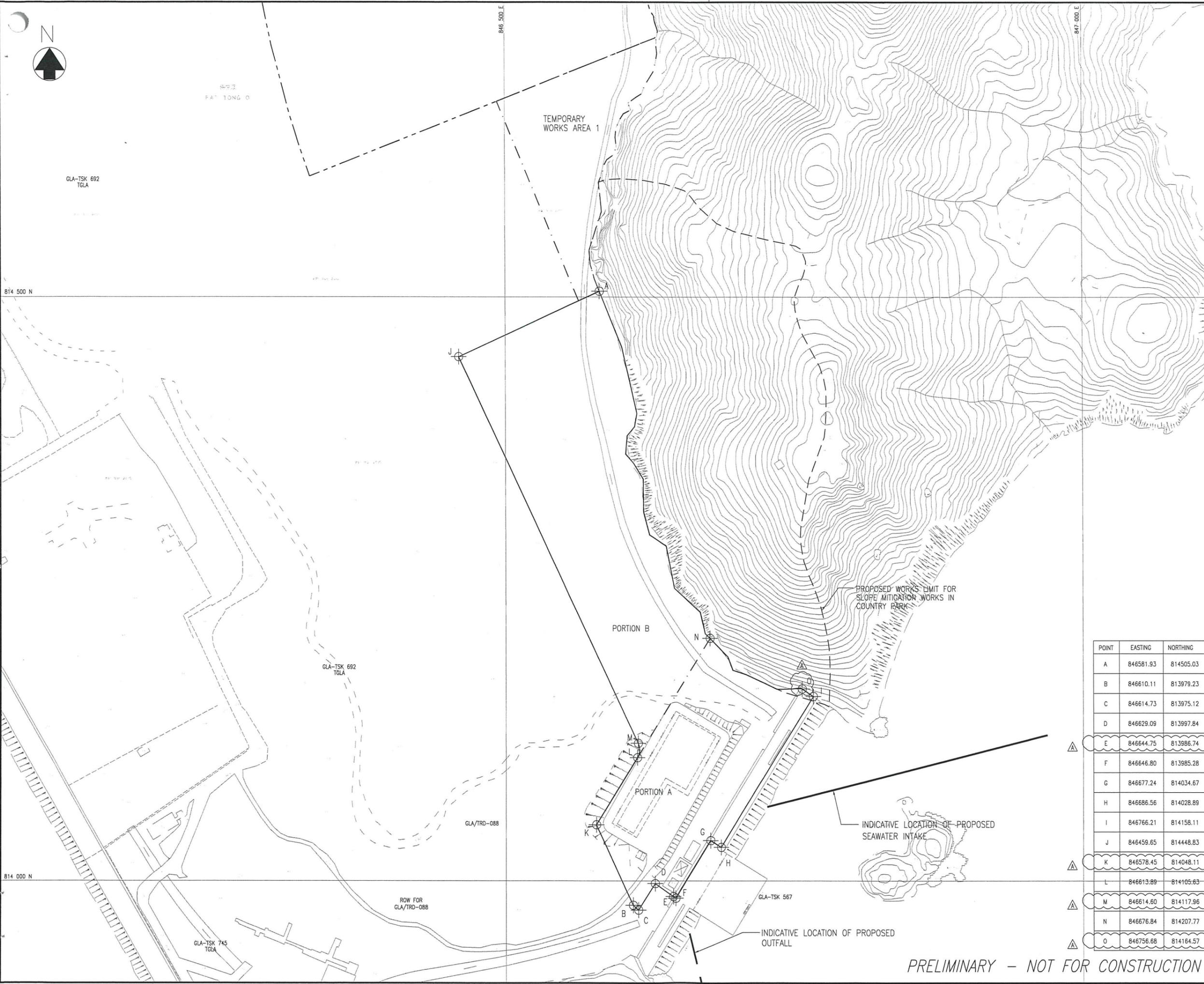
Contract No. 13/WSD/17

Contract Title
DESIGN, BUILD AND OPERATE FIRST STAGE OF TSEUNG KWAN O DESALINATION PLANT

Drawing Title
SITE HANDOVER WORKS AREAS

Drawing No.	Revision
190495/K/TEND/10/0003	B

Scale A1 1 : 1500
A3 1 : 3000



POINT	EASTING	NORTHING
A	846581.93	814505.03
B	846610.11	813979.23
C	846614.73	813975.12
D	846629.09	813997.84
E	846644.75	813986.74
F	846646.80	813985.28
G	846677.24	814034.67
H	846686.56	814028.89
I	846766.21	814158.11
J	846459.65	814448.83
K	846578.45	814048.11
L	846613.89	814105.63
M	846614.60	814117.96
N	846676.84	814207.77
O	846756.68	814164.57

PRELIMINARY - NOT FOR CONSTRUCTION

BUILDINGS IN FIRST STAGE

CODE	NAME OF BUILDING	TOTAL G.F.A. (m ²)	SITE COVERAGE (m ²)
B	COMBINE SHAFT	759,876	759,876
C	ACTIDAFF	10027,547	5455,346
G	REVERSE OSMOSIS BUILDING AND ELECTRICAL BUILDING	4511,455	5367,935
H	CO2 TANKS AREA	-	-
J	PRODUCT WATER STORAGE TANK, PUMP STATION AND ELECTRICAL BUILDING	1974,610	2933,980
K	SLUDGE TREATMENT BUILDING, TANK AND PUMP ROOM	2531,044	1228,361
M	ADMINISTRATION BUILDING & ELECTRICAL BUILDING C	2450,713	1114,062
N	MAIN ELECTRICAL AND CENTRAL CHILLER PLANT BUILDING	-	499,893
R1	ELECTROCHLORINATION BUILDING & ELECTRICAL BUILDING A	657,992	825,776
S	132 KV SUBSTATION	-	943,560
T	IRRIGATION WATER TANK AND PUMP ROOM	-	156,148
R2	CHEMICAL BUILDING	813,056	813,056
V	VISITOR GALLERY	1330,410	1330,410
X1	GUARD HOUSE AND FS CONTROL ROOM	39,585	39,585
X2	GUARD HOUSE	22,035	22,035
Y	R + D OUTDOOR	-	-
Z	WASTE WATER TREATMENT PLANT	48,000	48,000
TOTAL =		25175,323	21490,023

LEGEND / ABBREVIATION

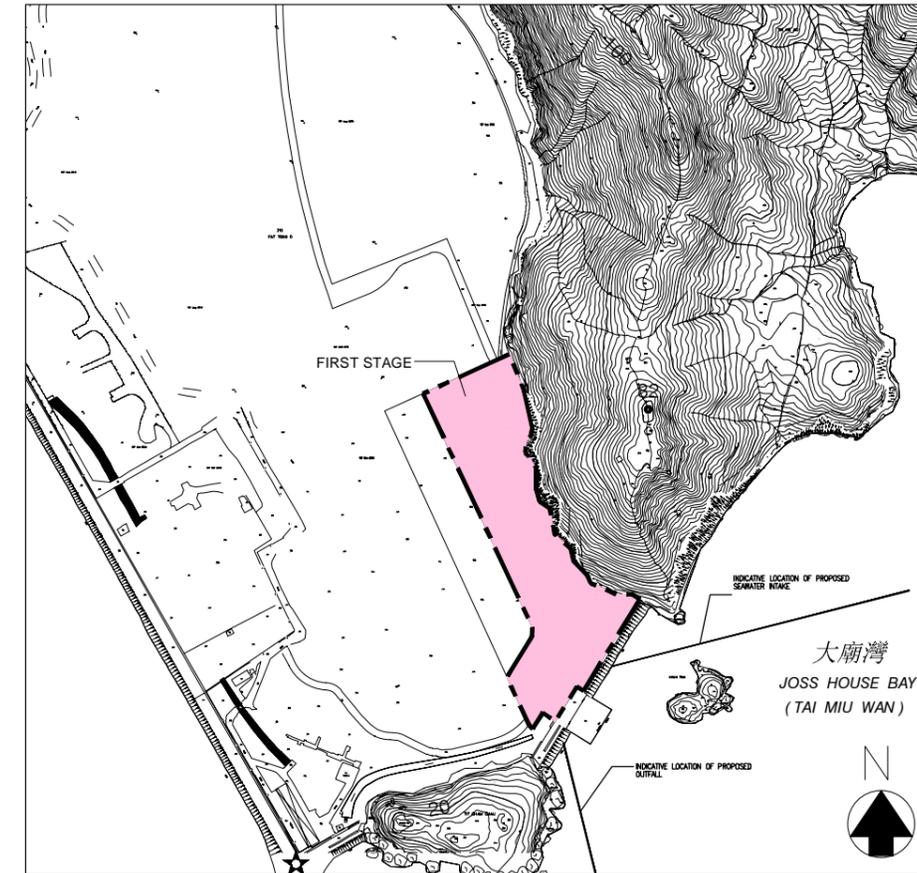
- H.L. WINDOW HIGH LEVEL WINDOW
- M.L. METAL LOUVRES
- C.L. CAT LADDER
- A.U.T. ACCESSIBLE UNISEX TOILET
- ⊕ PROPOSED FINISH FLOOR LEVEL IN METER ABOVE P.D.
- ⊖ STRUCTURAL FLOOR LEVEL IN METER ABOVE P.D.
- M.V.I.A.L. MECHANICAL VENTILATION & ARTIFICIAL LIGHTING
- F.E. 4.5kg CO₂ FIRE EXTINGUISHER
- H.R. HOSE REEL
- ⊙ FIREMANS LIFT
- ⊙ LIFT FOR THE BARRIER FREE ACCESS
- P.D. PIPE DUCT

PLOT RATIO & SITE COVERAGE CALCULATION:

SITE AREA OF THE FIRST STAGE	=	56108 m ²
TOTAL G.F.A.	=	25092.141 m ²
TOTAL SITE COVERAGE	=	21414.841 m ²
PLOT RATIO	=	25092.141 / 56108
	=	0.447 < PERMITTED
SITE COVERAGE	=	21414.841 / 56108 x 100
	=	38.167%

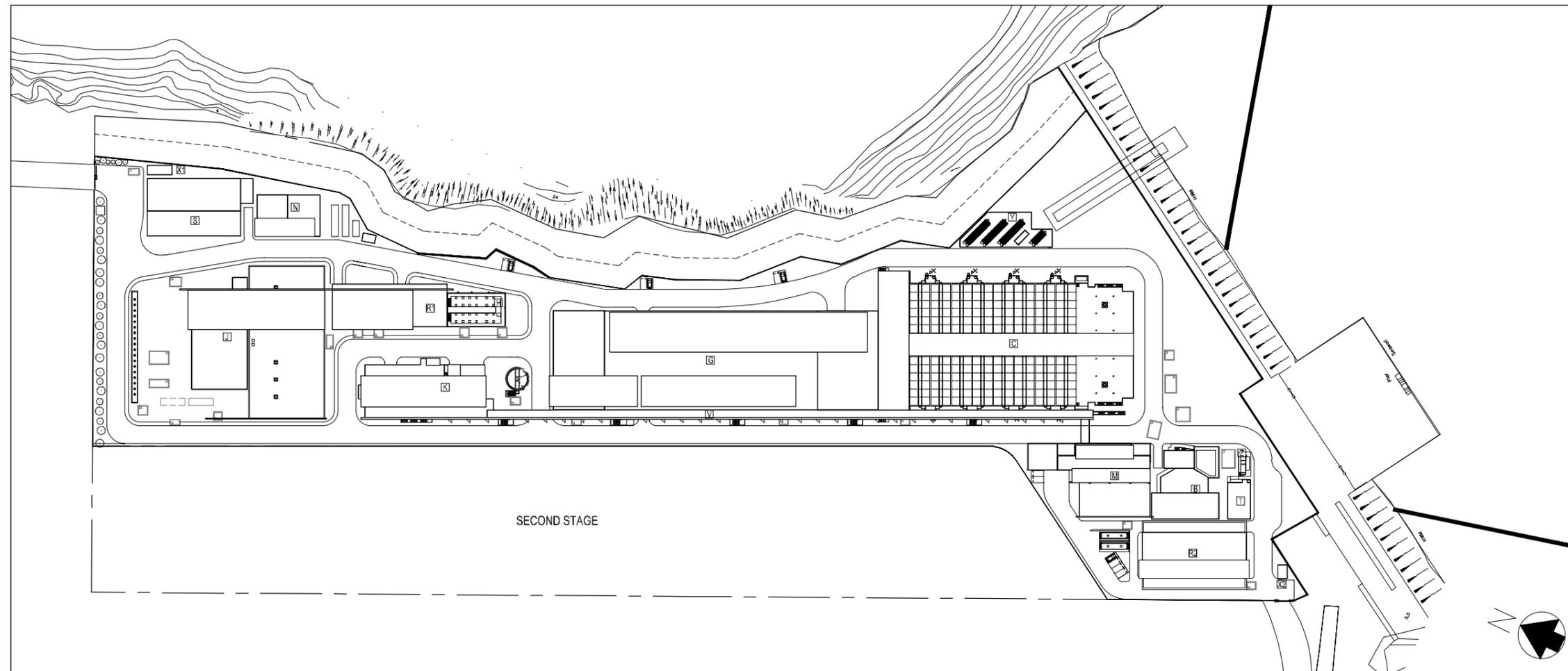
SITE LOCATION PLAN

1 : 5000



FIRST STAGE OF TSEUNG KWAN O DESALINATION PLANT

1 : 1000



0	TENDER SUBMISSION	CAD	JAN 19
Rev	Description	By	Date
Employer			
Employer's Consultant			
Tenderer			
Designer			
Project title			
CONTRACT NO. 13/WSD/17			
DESIGN, BUILD AND OPERATE FIRST STAGE OF TSEUNG KWAN O DESALINATION PLANT			
Drawing title			
ARCHITECTURAL – PLOT RATIO AND SITE COVERAGE CALCULATION, LEGEND ABBREVIATION			
Drawing no.		Rev.	
TKO/AJC/W/A000/AR/001		0	
Drawn	Date	Checked	Approved
OKAL	JAN 19	S.C.	T.C.
Scale	N.T.S.	Status	-

Appendix C

Summary of Implementation Status of Environmental Mitigation

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
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)		✓		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)		✓		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)		✓		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)		✓		Implemented, reminder issued.	
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)		✓		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)		✓		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)		✓		Implemented	
S4.8.1	Road sections between vehicle-wash areas and vehicular entrance will be paved.	Land site/ During Construction	Contractor(s)		✓		Implemented	

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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)	✓	✓		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)		✓		Implemented	
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)		✓		Implemented, reminder issued.	
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)		✓		Implemented	
S4.8.1	All exposed areas will be kept wet always to minimise dust emission.	Land site/ During construction	Contractor(s)		✓		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)		✓	✓	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	

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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	
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	

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				D	C	O		
Noise								
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)		✓		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)		✓		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)		✓		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)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Use of Quiet Powered Mechanical Equipment (QPME).	Noise control/ During construction	Contractor(s)		✓		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	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,

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	no openings or gaps.							
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)		✓		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)	✓	✓		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 radius of 40m) during school hours in order to reduce impact to the educational institutions.	Noise control / During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from 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)	✓	✓		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)	✓	✓		N/A	

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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)	✓	✓		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 (ET)		✓		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)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

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				D	C	O		
Water Quality								
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)		✓		N/A	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)		✓		N/A	-
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. Waste water 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)		✓		N/A	-

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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, reminder issued.	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	-
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 summarised in Appendix A2 of ProPECC PN 1/94.	Land site & drainage/ During construction	Contractor(s)	✓	✓		Implemented, reminder issued.	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)		✓		N/A	-

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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)		✓		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)		✓		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)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters
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)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters

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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)		✓	✓	Implemented, reminder and observation issued. Rectified after observation.	-
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)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

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Waste Management								
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 mobilisation/ During construction	Contractor(s)		✓		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 mobilisation/ 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)		✓	✓	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. Reminder issued.	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, Reminder	Waste Disposal Ordinance (Cap 354)

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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).	Land site/ During construction	Contractor(s)		✓		Issued.	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, reminder issued. Rectified after observation.	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	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)		✓		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, rectified after observation. Reminder issued.	-
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)

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S8.5	The management of dredged/ excavated sediment management requirement from <i>ETWB TC(W) No. 34/2002</i> 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 mobilisation/ During construction	Contractor(s)		✓		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 mobilisation/ During construction	Contractor(s)		✓		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)		✓		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)		✓		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)		✓		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)		✓		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);

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				D	C	O		
								WPCO (Cap 358)
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	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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 (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of

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				D	C	O		
								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		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
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		✓	✓	Implemented	DEVB TC(W) No. 8/2010 Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimise odour, pest and litter impacts.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	-
S8.5	Recycling bins will be provided at strategic locations within the Site to facilitate recovery of recyclable materials (including aluminium can, waste paper, glass bottles and plastic bottles) from the Site. Materials recovered will be sold for recycling.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	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	All facilities/ During construction	ET/ IEC		✓		Implemented	-

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	waste inspection and audit programme will be implemented throughout the construction phase.							

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

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



	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
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)	✓	✓		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)	✓	✓		N/A	-
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)	✓	✓		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)		✓		N/A	-

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	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
S9.7 and S9.10	A specification for fencing and demarcating individuals of <i>Marsdenia 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)		✓		N/A	-
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)		✓		N/A	-
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)		✓		N/A	-
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)/ Environmental Team (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)		✓		N/A	-
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)		✓		N/A	-

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

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Landscape & Visual								
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)	✓	✓	✓	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)	✓	✓	✓	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 (ie 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)	✓	✓	✓	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)	✓	✓	✓	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)	✓	✓	✓	Implemented	DEVB TC(W) No. 10/2013
S11.10 &	Any slope mitigation works necessary to address natural terrain	All area/ Detailed	WSD/	✓	✓	✓	N/A	

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

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

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
Landfill Gas Hazard								
S12.7	During all works, safety procedures should be implemented to minimise 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/ During operation	Contractor(s)	✓	✓	✓	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 metre.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A	
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/ During operation	Contractor(s)	✓	✓	✓	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/ During operation	Contractor(s)	✓	✓	✓	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	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	physical contact with it.							
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/ During operation	Contractor(s)	✓	✓	✓	N/A	
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/ During operation	Contractor(s)	✓	✓	✓	N/A	
S12.7	Proceed drilling with adequate care and precautions against the potential hazards which may be encountered.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Prior to the commencement of the site works, the drilling contractor should devise a 'method-of- working' statement covering all normal and emergency procedures (including but not limited to number of operatives, experience and special skills of operatives, normal method of operations, emergency procedures, supervisors responsibilities, storage and use of safety equipment, safety procedures and signs, barriers and guarding). The site supervisor and all operatives must be familiar with this statement.	All area/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

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



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
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/ During operation	Contractor(s)	✓	✓	✓	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/ During operation	Contractor(s)	✓	✓	✓	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/ During operation	Contractor(s)	✓	✓	✓	N/A	
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	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

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EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	being minimized on-site.							

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

Appendix D

Impact Monitoring Schedule of the Reporting Quarter

**Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant
EM&A Water Quality Monitoring Schedule**

Mar-21						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:08-16:33 Flood Tide: 05:00-11:08 <u>Monitoring Time:</u> Mid-ebb: 12:05-15:35 Mid-flood: 08:00-11:30	2	3 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 12:15-18:10 Flood Tide: 06:00-12:15 <u>Monitoring Time:</u> Mid-ebb: 13:27-16:57 Mid-flood: 08:00-11:30	4	5 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 13:31-20:30 Flood Tide: 07:03-13:31 <u>Monitoring Time:</u> Mid-ebb: 15:15-18:45 Mid-flood: 08:32-12:02	6
7	8 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 07:00-11:00 Flood Tide: 11:00-17:09 <u>Monitoring Time:</u> Mid-ebb: 08:00-11:30 Mid-flood: 12:19-15:49	9	10 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:27-12:47 Flood Tide: 12:47-19:17 <u>Monitoring Time:</u> Mid-ebb: 09:22-12:52 Mid-flood: 14:17-17:47	11	12 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:00-14:31 Flood Tide: 14:31-21:00 <u>Monitoring Time:</u> Mid-ebb: 10:30-14:00 Mid-flood: 15:30-19:00	13
14	15 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:00-16:30 Flood Tide: 05:00-11:00 <u>Monitoring Time:</u> Mid-ebb: 12:00-15:30 Mid-flood: 08:00-11:30	16	17 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:34-18:00 Flood Tide: 05:21-11:34 <u>Monitoring Time:</u> Mid-ebb: 13:02-16:32 Mid-flood: 08:00-11:30	18	19 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 12:00-19:25 Flood Tide: 06:00-12:00 <u>Monitoring Time:</u> Mid-ebb: 13:57-17:27 Mid-flood: 08:00-11:30	20
21	22	23 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 16:00-23:59 Flood Tide: 01:00-16:00 <u>Monitoring Time:</u> Mid-ebb: 16:00-19:30 ^{&} Mid-flood: 08:00-11:30	24	25 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 08:00-13:00 Flood Tide: 13:00-18:00 <u>Monitoring Time:</u> Mid-ebb: 08:45-12:15 Mid-flood: 13:45-17:15	26	27 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:10-14:09 Flood Tide: 14:09-20:00 <u>Monitoring Time:</u> Mid-ebb: 09:54-13:24 Mid-flood: 15:19-18:49
28	29	30 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:00-16:27 Flood Tide: 04:17-11:00 <u>Monitoring Time:</u> Mid-ebb: 11:58-15:28 Mid-flood: 08:00-11:30	31			

Remarks:
Monitoring Parameters: Dissolved oxygen, Temperature, pH, Turbidity, Salinity, Suspended Solids

Note:
* - Due to safety concern of vessel transportation earlier than 0700, Water Quality Monitoring would start at 0800.
\$ - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is adopted.
& - Due to safety concern for sampling event in night-time, method of 90% tidal period as monitoring time is approached and end at 1900.
- Prioritized routing: Mid-Ebb: CE→WSR16→WSR37→WSR36→WSR33→Remaining stations and Mid-Flood: CF→WSR1→WSR2→WSR3→WSR4→Remaining stations

**Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant
EM&A Water Quality Monitoring Schedule**

Apr-21						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 12:00-17:52 Flood Tide: 05:05-12:00 <u>Monitoring Time:</u> Mid-ebb: 13:11-16:41 Mid-flood: 08:00-11:30*	2	3 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 13:20-20:02 Flood Tide: 06:00-13:20 <u>Monitoring Time:</u> Mid-ebb:14:56-18:26 Mid-flood: 08:00-11:30*
4	5	6 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 16:00-23:59 Flood Tide: 00:00-16:00 <u>Monitoring Time:</u> Mid-ebb:15:30-19:00 Mid-flood:08:00-11:30*	7	8 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:00-12:00 Flood Tide: 12:00-19:00 <u>Monitoring Time:</u> Mid-ebb: 08:45-12:15 Mid-flood:13:45-17:15	9	10 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 08:58-14:00 Flood Tide: 14:00-21:00 <u>Monitoring Time:</u> Mid-ebb:09:44-13:14 Mid-flood:15:30-19:00 Silt Curtain Efficiency Test Baseline (14:00) at 5 monitoring stations
11	12	13 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:23-16:08 Flood Tide: 16:08-23:02 <u>Monitoring Time:</u> Mid-ebb:11:30-15:00 Mid-flood:16:00-19:30	14	15 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:31-17:30 Flood Tide: 05:00-10:31 <u>Monitoring Time:</u> Mid-ebb:12:15-15:45 Mid-flood:08:00-11:30*	16 Silt Curtain Efficiency Test Impact for 5 stations at 08:00, 10:00, 12:00, 14:00, 16:00, 18:00	17 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:00-19:00 Flood Tide: 04:00-10:00 <u>Monitoring Time:</u> Mid-ebb:12:45-16:15 Mid-flood: 08:00-11:30*
18	19	20 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 14:00-22:58 Flood Tide: 00:00-14:00 <u>Monitoring Time:</u> Mid-ebb:15:30-19:00 Mid-flood:08:00-11:30*	21	22 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 16:00-23:59 Flood Tide: 00:00-16:00 <u>Monitoring Time:</u> Mid-ebb:16:00-19:30 Mid-flood:09:00-12:30*	23	24 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 08:00-12:35 Flood Tide: 12:35-18:43 <u>Monitoring Time:</u> Mid-ebb:08:32-12:02 Mid-flood:13:54-17:24
25	26	27 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:00-15:21 Flood Tide: 15:21-22:36 <u>Monitoring Time:</u> Mid-ebb:10:25-13:55 Mid-flood:15:30-19:00	28	29 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:11-17:01 Flood Tide: 04:03-10:11 <u>Monitoring Time:</u> Mid-ebb:11:51-15:21 Mid-flood:08:00-11:30*	30	

Remarks:
Monitoring Parameters: Dissolved oxygen, Temperature, pH, Turbidity, Salinity, Suspended Solids

Note:
* - Due to safety concern of vessel transportation earlier than 0700, Water Quality Monitoring would start at 0800.
\$ - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is adopted.
& - Due to safety concern for sampling event in night-time, method of 90% tidal period as monitoring time is approached and end at 1900.
- Prioritized routing: Mid-Ebb: CE→WSR16→WSR37→WSR36→WSR33→Remaining stations and Mid-Flood: CF→WSR1→WSR2→WSR3→WSR4→Remaining stations

**Contract No. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant
EM&A Water Quality Monitoring Schedule**

May-21						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 12:00-19:00 Flood Tide: 05:00-12:00 <u>Monitoring Time:</u> Mid-ebb: 13:45-17:15 Mid-flood: 08:00-11:30*
2	3	4 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 15:00-22:59 Flood Tide: 00:00-15:00 <u>Monitoring Time:</u> Mid-ebb: 15:30-19:00& Mid-flood: 08:00-11:30*	5	6 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 07:32-11:00 Flood Tide: 11:00-17:33 <u>Monitoring Time:</u> Mid-ebb: 08:00-11:30*# Mid-flood: 12:31-16:01	7	8 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 08:10-13:15 Flood Tide: 13:15-19:35 <u>Monitoring Time:</u> Mid-ebb: 08:57-12:27 Mid-flood: 14:40-18:10
9	10	11 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:11-15:21 Flood Tide: 15:21-21:57 <u>Monitoring Time:</u> Mid-ebb: 10:31-14:01 Mid-flood: 15:30-19:00&	12	13 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:00-16:36 Flood Tide: 16:36-23:18 <u>Monitoring Time:</u> Mid-ebb: 11:33-15:03 Mid-flood: 15:30-19:00&	14	15 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 10:00-18:00 Flood Tide: 04:00-10:00 <u>Monitoring Time:</u> Mid-ebb: 12:15-15:45 Mid-flood: 08:00-11:30*
16	17	18 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:01-21:00 Flood Tide: 00:00-11:01 <u>Monitoring Time:</u> Mid-ebb: 14:15-17:45 Mid-flood: 08:00-11:30*#	19	20 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 14:55-23:00 Flood Tide: 00:00-14:55 <u>Monitoring Time:</u> Mid-ebb: 15:30-19:00 Mid-flood: 08:00-11:30*	21	22 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 06:46-12:00 Flood Tide: 12:00-18:00 <u>Monitoring Time:</u> Mid-ebb: 08:00-11:30* Mid-flood: 13:15-16:45
23	24	25 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 08:08-14:24 Flood Tide: 14:24-21:22 <u>Monitoring Time:</u> Mid-ebb: 09:31-13:01 Mid-flood: 15:30-19:00&	26	27 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 09:23-16:09 Flood Tide: 16:09-23:00 <u>Monitoring Time:</u> Mid-ebb: 11:01-14:31 Mid-flood: 15:30-19:00&	28	29 Impact Water Quality monitoring for CE, CF, WSR1, WSR2, WSR3, WSR4, WSR16, WSR33, WSR36, WSR37 <u>Tidal Period:</u> Ebb Tide: 11:00-18:02 Flood Tide: 04:00-11:00 <u>Monitoring Time:</u> Mid-ebb: 12:46-16:16 Mid-flood: 08:00-11:30*
30	31					

Remarks:
Monitoring Parameters: Dissolved oxygen, Temperature, pH, Turbidity, Salinity, Suspended Solids

Note:
* - Due to safety concern of vessel transportation earlier than 0700, Water Quality Monitoring would start at 0800.
\$ - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is adopted.
& - Due to safety concern for sampling event in night-time, method of 90% tidal period as monitoring time is approached and end at 1900.
- Prioritized routing: Mid-Ebb: CE→WSR16→WSR37→WSR36→WSR33→Remaining stations and Mid-Flood: CF→WSR1→WSR2→WSR3→WSR4→Remaining stations

Appendix E

Event/Action Plan for Noise Exceedance

Event and Action Plan for Construction Noise Monitoring

Event	Action			
	ET	IEC	ER	Contractor
Action Level	<ol style="list-style-type: none"> Carry out investigation to identify the source and cause of the complaint/ exceedance(s) Notify IEC, ER, and Contractor and report the results of investigation to the Contractor, ER and the IEC Discuss with the Contractor and IEC for remedial measures required 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 	<ol style="list-style-type: none"> Review the analyzed results submitted by the ET Review the proposed remedial measures by the Contractor and advise the ER accordingly Supervise the implementation of remedial measures 	<ol style="list-style-type: none"> 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 	<ol style="list-style-type: none"> Submit noise mitigation proposals, if required, to the IEC and ER Implement noise mitigation proposals.

Limit Level	<ol style="list-style-type: none"> Notify IEC, ER, EPD and Contractor Identify the source(s) of impact by reviewing all the relevant monitoring data and the corresponding construction activities. Exceedances should also be confirmed by immediate verification in the field as far as practical. Repeat measurement to confirm findings Increase monitoring frequency Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented. inform IEC, ER and EPD the cause & actions taken for the exceedances Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results If exceedance stops, cease additional monitoring. 	<ol style="list-style-type: none"> Discuss amongst ER, ET, and Contractor on the potential remedial actions Review Contractor's remedial actions to assure their effectiveness and advise the ER & ET accordingly Supervise the implementation of the remedial measures 	<ol style="list-style-type: none"> Confirm receipt of notification of exceedance in writing Notify Contractor Require Contractor to propose remedial measures for the analyzed noise problem Ensure remedial measures are properly implemented If exceedance continuous, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is aborted 	<ol style="list-style-type: none"> Take immediate action to avoid further exceedance Identify practicable measures to minimize the noise impact. Submit proposals for remedial actions to ER within three working days of notification Implement the agreed proposals Resubmit proposal if problem still not under control Stop the relevant portion of works as determined by the ER until the exceedance is abated
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Appendix F

Event/Action Plan for Water Quality Exceedance

Event	Action			
	ET	IEC	SO	Contractor
Action level being exceeded by one sampling day	Repeat in-situ measurement to confirm findings; Identify source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC and Contractor; Repeat measurement on next day of exceedance. (The above actions should be taken within 1 working day after the exceedance is identified)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified)	Discuss with IEC on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented. (The above actions should be taken within 1 working day after the exceedance is identified)	Inform the SO and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified)
Action level being exceeded by more than one consecutive sampling days	Identify source(s) of impact; Inform IEC and Contractor; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with IEC and Contractor; Ensure mitigation measures are implemented; Prepare to increase the monitoring frequency to daily; Repeat measurement on next working day of exceedance. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	Discuss with IEC on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)	Inform the SO and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET and IEC and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after Action Level being exceeded by two consecutive sampling days)

Event	Action			
	ET	IEC	SO	Contractor
Limit level being exceeded by one sampling day	Inform the SO and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with Contractor, IEC and SO and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified)	Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented measures. (The above actions should be taken within 1 working day after the exceedance is identified)	Inform the SO and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, IEC and SO and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures. (The above actions should be taken within 1 working day after the exceedance is identified)

Event	Action			
	ET	IEC	SO	Contractor
Limit level being exceeded by more than one consecutive sampling days	Identify source(s) of impact; Inform IEC, Contractor and EPD; Check monitoring data, all plant, equipment and Contractor's working methods. Discuss mitigation measures with IEC, SO and Contractor. Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)	Discuss with ET and Contractor on the mitigation measures; Review proposals on mitigation measures submitted by Contractor and advise the SO accordingly; Assess the effectiveness of the implemented mitigation measures. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)	Discuss with IEC, ET and Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented. Assess the effectiveness of the implemented measures. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the marine work until no exceedance of Limit level. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)	Inform the SO and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Discuss with ET, IEC and SO and propose mitigation measures to IEC and SO within 3 working days; Implement the agreed mitigation measures; As directed by the SOR, to slow down or to stop all or part of the marine work or construction activities. (The above actions should be taken within 1 working day after Limit Level being exceeded by two consecutive sampling days)

Appendix G

Waste Flow Table

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

Appendix G – Monthly Summary Waste Flow Table

Monthly Summary Waste Flow Table

Month	Total Quantity Generated (a1)	Total Quantity Generated (Excluded Excavated Material) (a2)	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
			Excavated Material Total Quantity Generated (b)	Non-excavated Material					Metal (h)	Paper/ cardboard packaging (i)	Plastics (j)	Chemical Waste (k)	Others, e.g. general refuse (l)
				Reused in the Contract (c)	Reused in other Projects (d)	Disposed as Public Fill (e)	Disposed in sorting facility (f)	Broken Concrete of construction waste collected by recycling company (g)					
(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	
Jan-2020	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-2020	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-2020	0.420	0.420	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.420
Apr-2020	2.400	2.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.400
May-2020	18.470	18.470	0.000	0.000	0.000	0.000	0.000	0.000	5.900	0.000	0.000	0.000	12.570
Jun-2020	1118.110	1118.110	0.000	0.000	0.000	0.000	1081.950	0.000	0.000	0.000	0.000	0.000	34.160
Jul-2020	758.120	758.120	0.000	0.000	0.000	0.000	724.360	0.000	0.000	0.000	0.000	0.000	33.760
Aug-2020	203.150	203.150	0.000	0.000	0.000	0.000	161.080	0.000	0.000	0.000	0.000	0.000	42.070
Sep-2020	105.926	105.926	0.000	0.000	0.000	0.000	0.000	0.000	22.766	0.000	0.010	0.000	83.150
Oct-2020	46.320	46.320	0.000	0.000	0.000	0.000	0.000	0.000	7.050	0.040	0.020	0.000	39.210
Nov-2020	71.815	71.815	0.000	0.000	0.000	0.000	0.000	0.000	5.351	0.030	0.014	0.000	66.420
Dec-2020	12934.194	12934.194	0.000	0.000	12860.314	0.000	0.000	0.000	9.912	0.030	0.018	0.000	63.920
Total	15256.925	15256.925	0.000	0.000	12860.314	0.000	1967.390	0.000	50.979	0.100	0.062	0.000	378.080

Total C&D waste generated 15256.925 Tonnes (ie: a1 = b+c+d+e+f+g+h+i+j+k+l)
 Total C&D waste generated (excluding excavated materials) 15256.925 Tonnes (ie: a2 = c+d+e+f+g+h+i+j+k+l)
 Total Recycled C&D Waste 12911.455 Tonnes (ie: a3 = c+d+g+h+i+j)
 % of recycled C&D Waste for BEAM Plus MA 11 84.63% (ie: a3/a2 x 100%)

- Notes:
- (1) metal, paper & plastic were collected by recycler
 - (2) The performance target of waste recycling are specified in the Contract
 - (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
 - (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
 - (5) Broken concrete for recycling into aggregates
 - (6) Excavated materials/waste will **NOT** be considered as part of construction waste. It should be excluded in the calculation
 - (7) Disposal of inert waste to public fill or sorting facilities will **NOT** be considered as recycled waste.

Contract No. 13/WSD/17

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

Appendix G - Monthly Summary Waste Flow Table

Name of Department: WSD

Contract No.: 13/WSD/17

Monthly Summary Waste Flow Table for 2021 (year)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	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	11823.060	0.000	0.000	11816.130	6.930	0.000	0.000	0.000	0.000	0.000	73.960
Feb	434.090	0.000	0.000	434.090	0.000	0.000	14.767	0.123	0.008	0.000	45.080
Mar	91.710	0.000	0.000	0.000	91.710	0.000	0.002	0.155	0.010	0.000	122.940
Apr	0.000	0.000	0.000	0.000	0.000	0.000	28.931	0.057	0.002	0.000	89.450
May *	1557.500	0.000	0.000	0.000	1557.500	0.000	0.005	0.108	0.009	0.000	70.750
Jun											
Sub-total	13906.360	0.000	0.000	12250.220	1656.140	0.000	43.705	0.442	0.029	0.000	402.180
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	13906.360	0.000	0.000	12250.220	1656.140	0.000	43.705	0.442	0.029	0.000	402.180

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

* The data will be reviewed in next month.

Appendix H

Complaint Log

Statistical Summary of Environmental Complaints

Reporting Period	Environmental Complaint Statistics		
	Frequency	Cumulative	Complaint Nature
01 Mar 2021 - 31 May 2021	0	0	N/A

Statistical Summary of Environmental Summons

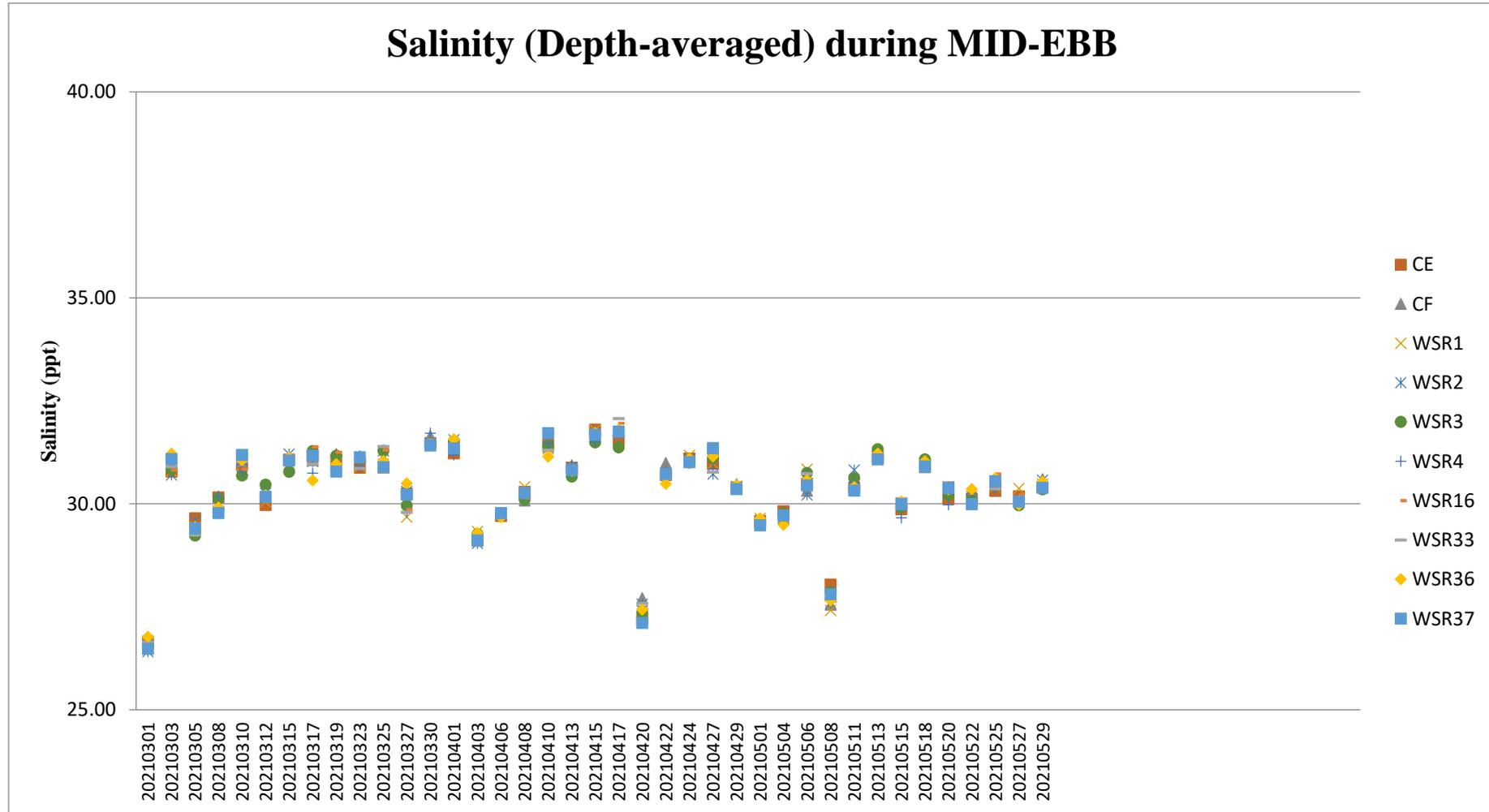
Reporting Period	Environmental Summons Statistics		
	Frequency	Cumulative	Details
01 Mar 2021 - 31 May 2021	0	0	N/A

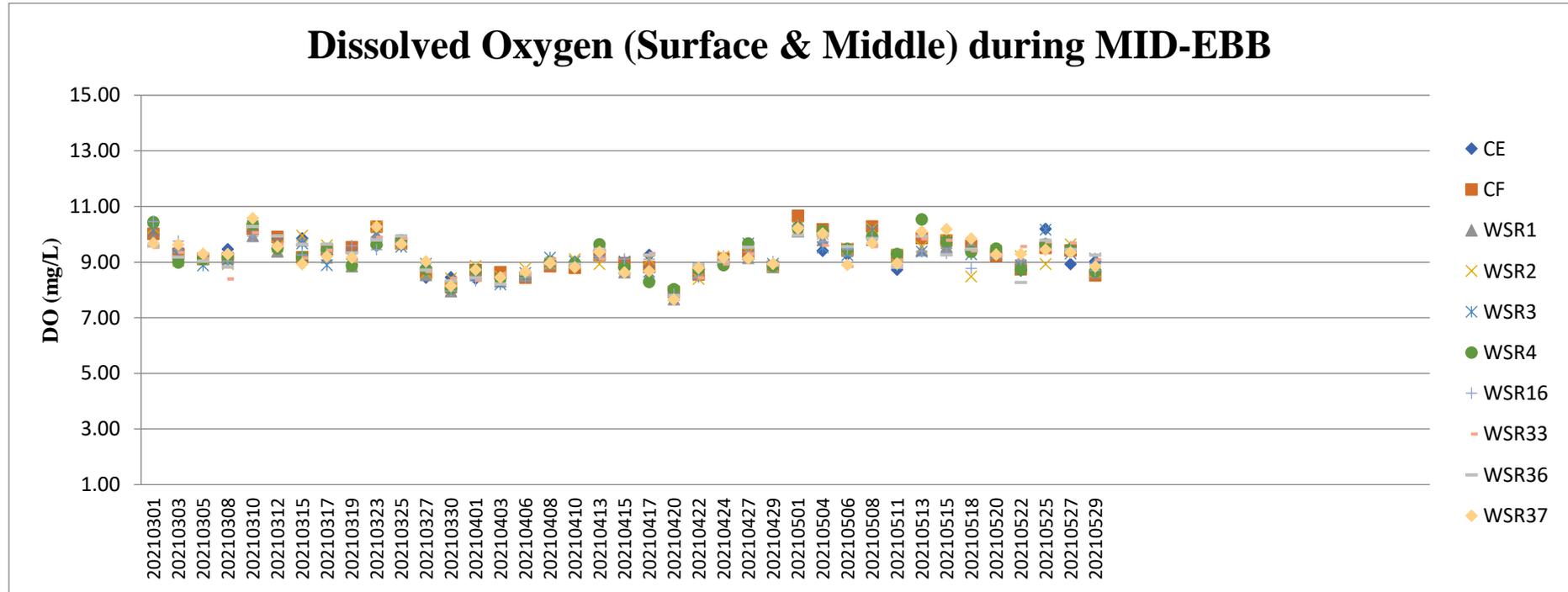
Statistical Summary of Environmental Prosecution

Reporting Period	Environmental Prosecution Statistics		
	Frequency	Cumulative	Details
01 Mar 2021 - 31 May 2021	0	0	N/A

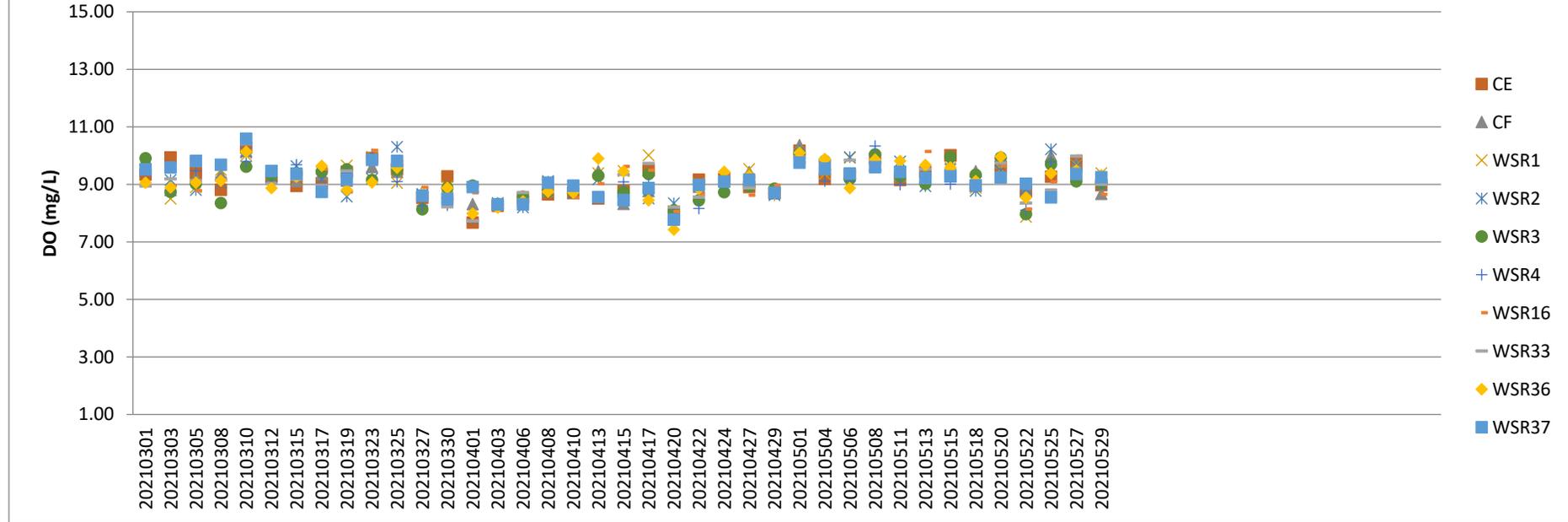
Appendix I

Water Quality Monitoring Data

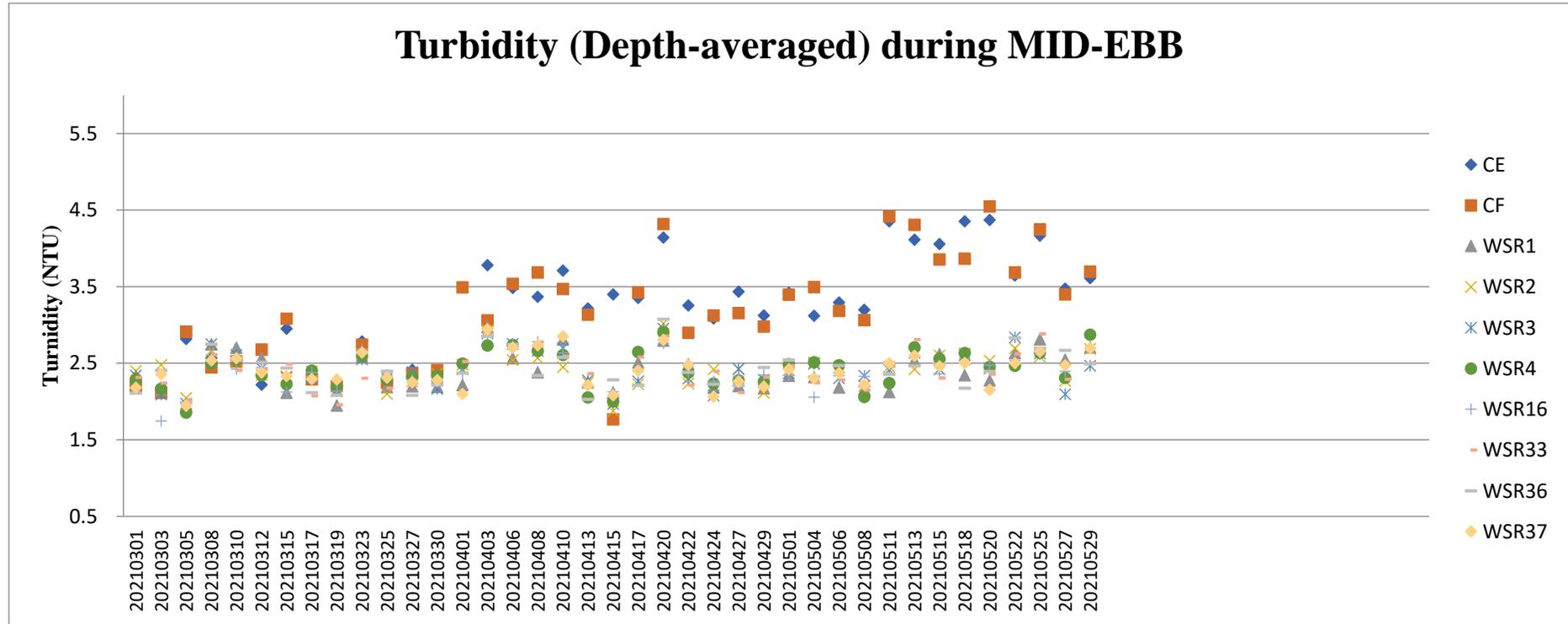




Dissolved Oxygen (Bottom) during MID-FLOOD



Turbidity (Depth-averaged) during MID-EBB



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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210301	Cloudy	Moderate	Mid-Flood	S	10.05	10:15	9.39	8.34	26.88	20.81	2.47	2.5
CE	20210301	Cloudy	Moderate	Mid-Flood	S	10.05	10:15	10.18	8.20	27.38	20.85	1.88	2.5
CE	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	10:16	10.74	8.36	27.00	20.55	2.45	2.5
CE	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	10:16	10.15	8.31	26.96	20.95	2.82	2.5
CE	20210301	Cloudy	Moderate	Mid-Flood	B	19.10	10:14	9.41	8.41	27.35	20.93	1.99	2.5
CE	20210301	Cloudy	Moderate	Mid-Flood	B	19.10	10:14	9.26	8.17	26.90	20.72	2.01	2.5
CE	20210303	Cloudy	Moderate	Mid-Flood	S	10.30	10:18	9.15	8.42	31.01	20.15	1.96	3.3
CE	20210303	Cloudy	Moderate	Mid-Flood	S	10.30	10:18	9.13	8.40	30.93	20.27	2.27	5.4
CE	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	10:19	9.78	8.47	31.49	20.22	2.65	4.3
CE	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	10:19	9.45	8.39	31.03	20.19	2.85	4.1
CE	20210303	Cloudy	Moderate	Mid-Flood	B	19.60	10:17	9.95	8.21	31.45	20.00	1.96	3.1
CE	20210303	Cloudy	Moderate	Mid-Flood	B	19.60	10:17	9.92	8.29	31.67	20.00	2.16	4.3
CE	20210305	Cloudy	Moderate	Mid-Flood	S	10.55	10:47	9.19	8.56	28.60	20.90	2.90	2.7
CE	20210305	Cloudy	Moderate	Mid-Flood	S	10.55	10:47	9.17	8.69	29.73	20.90	3.12	2.6
CE	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:48	9.64	8.37	28.69	20.83	2.95	3.0
CE	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:48	9.73	8.68	29.49	20.59	3.10	3.3
CE	20210305	Cloudy	Moderate	Mid-Flood	B	20.10	10:46	9.90	8.58	28.83	20.65	2.84	3.1
CE	20210305	Cloudy	Moderate	Mid-Flood	B	20.10	10:46	8.90	8.56	29.47	20.51	2.95	3.0
CE	20210308	Cloudy	Moderate	Mid-Flood	S	10.25	14:46	9.81	8.33	29.57	23.09	2.71	3.4
CE	20210308	Cloudy	Moderate	Mid-Flood	S	10.25	14:46	9.81	8.53	29.88	22.69	2.54	3.0
CE	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:47	8.88	8.44	30.09	23.04	2.83	3.6
CE	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:47	9.32	8.39	30.08	22.88	2.46	3.0
CE	20210308	Cloudy	Moderate	Mid-Flood	B	19.50	14:45	8.51	8.29	29.70	23.01	2.43	2.5
CE	20210308	Cloudy	Moderate	Mid-Flood	B	19.50	14:45	9.11	8.44	30.28	22.93	2.24	3.0
CE	20210310	Cloudy	Moderate	Mid-Flood	S	10.25	17:19	9.83	8.60	30.96	22.06	2.53	3.9
CE	20210310	Cloudy	Moderate	Mid-Flood	S	10.25	17:19	10.25	8.45	31.88	22.07	2.35	3.4
CE	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	17:20	9.88	8.63	31.80	21.85	2.96	2.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	17:20	9.83	8.43	31.19	21.76	3.15	3.5
CE	20210310	Cloudy	Moderate	Mid-Flood	B	19.50	17:18	10.57	8.51	31.17	21.80	2.19	3.0
CE	20210310	Cloudy	Moderate	Mid-Flood	B	19.50	17:18	9.99	8.55	31.23	22.05	2.21	3.2
CE	20210312	Cloudy	Moderate	Mid-Flood	S	10.35	18:44	9.20	8.54	30.21	24.47	2.12	4.1
CE	20210312	Cloudy	Moderate	Mid-Flood	S	10.35	18:44	9.21	8.61	30.58	24.63	2.30	4.0
CE	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	18:45	9.70	8.39	29.98	24.26	2.47	3.5
CE	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	18:45	9.52	8.45	30.61	24.44	2.87	3.3
CE	20210312	Cloudy	Moderate	Mid-Flood	B	19.70	18:43	8.96	8.61	30.61	24.58	2.35	3.6
CE	20210312	Cloudy	Moderate	Mid-Flood	B	19.70	18:43	9.48	8.31	29.93	24.62	2.30	3.4
CE	20210315	Cloudy	Moderate	Mid-Flood	S	12.00	11:18	8.92	8.60	30.26	23.81	2.81	9.1
CE	20210315	Cloudy	Moderate	Mid-Flood	S	12.00	11:18	8.79	8.53	30.14	23.74	3.05	3.0
CE	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	11:19	9.68	8.52	30.28	23.81	2.89	3.6
CE	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	11:19	9.52	8.57	30.29	24.13	2.71	4.1
CE	20210315	Cloudy	Moderate	Mid-Flood	B	23.00	11:17	9.06	8.41	30.71	23.92	3.03	3.2
CE	20210315	Cloudy	Moderate	Mid-Flood	B	23.00	11:17	8.83	8.57	30.59	24.16	3.16	3.8
CE	20210317	Cloudy	Moderate	Mid-Flood	S	11.95	11:12	9.20	8.40	31.70	24.17	2.45	2.6
CE	20210317	Cloudy	Moderate	Mid-Flood	S	11.95	11:12	9.97	8.29	30.79	24.19	2.35	2.6
CE	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	11:13	9.59	8.22	31.22	24.05	2.40	2.5
CE	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	11:13	8.94	8.27	30.57	24.38	2.82	3.8
CE	20210317	Cloudy	Moderate	Mid-Flood	B	22.90	11:11	8.47	8.23	30.48	24.05	2.12	2.7
CE	20210317	Cloudy	Moderate	Mid-Flood	B	22.90	11:11	9.60	8.36	31.55	24.42	2.35	3.4
CE	20210319	Cloudy	Moderate	Mid-Flood	S	10.70	11:20	9.13	8.18	30.82	23.98	1.80	2.7
CE	20210319	Cloudy	Moderate	Mid-Flood	S	10.70	11:20	9.13	8.25	31.74	23.96	1.56	2.7
CE	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	11:21	9.95	8.22	30.52	24.05	2.31	3.5
CE	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	11:21	8.64	8.43	31.70	24.06	2.52	2.8
CE	20210319	Cloudy	Moderate	Mid-Flood	B	20.40	11:19	9.91	8.24	31.49	24.05	1.94	2.5
CE	20210319	Cloudy	Moderate	Mid-Flood	B	20.40	11:19	8.96	8.2	30.98	23.91	2.16	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210323	Cloudy	Moderate	Mid-Flood	S	10.40	11:06	10.63	8.39	31.03	20.98	2.44	2.7
CE	20210323	Cloudy	Moderate	Mid-Flood	S	10.40	11:06	8.93	8.46	30.41	20.70	2.78	2.5
CE	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	11:07	9.3	8.36	30.33	20.98	2.75	2.5
CE	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	11:07	9.33	8.53	30.97	20.79	2.97	3.1
CE	20210323	Cloudy	Moderate	Mid-Flood	B	19.80	11:05	9.48	8.35	31.24	20.83	2.31	2.6
CE	20210323	Cloudy	Moderate	Mid-Flood	B	19.80	11:05	10.35	8.35	31.09	20.71	2.35	3.5
CE	20210325	Cloudy	Moderate	Mid-Flood	S	11.05	16:55	9.68	8.66	31.23	26.30	2.12	2.5
CE	20210325	Cloudy	Moderate	Mid-Flood	S	11.05	16:55	10.16	8.71	30.41	26.49	1.93	2.5
CE	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:56	10.28	8.34	31.29	26.62	2.54	4.0
CE	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:56	9.71	8.50	31.52	26.51	2.13	2.5
CE	20210325	Cloudy	Moderate	Mid-Flood	B	21.10	16:54	9.30	8.71	31.49	26.54	1.78	2.6
CE	20210325	Cloudy	Moderate	Mid-Flood	B	21.10	16:54	9.73	8.37	30.68	26.57	1.56	2.5
CE	20210327	Sunny	Moderate	Mid-Flood	S	10.30	18:32	8.61	8.45	29.79	24.55	2.52	2.7
CE	20210327	Sunny	Moderate	Mid-Flood	S	10.30	18:32	8.66	8.33	30.19	24.32	2.12	2.6
CE	20210327	Sunny	Moderate	Mid-Flood	S	1.00	18:33	8.55	8.28	29.87	24.40	2.45	2.5
CE	20210327	Sunny	Moderate	Mid-Flood	S	1.00	18:33	9.32	8.30	29.77	24.21	2.80	3.2
CE	20210327	Sunny	Moderate	Mid-Flood	B	19.60	18:31	8.36	8.39	30.06	24.34	2.09	2.5
CE	20210327	Sunny	Moderate	Mid-Flood	B	18.30	15:19	8.70	8.52	30.55	24.45	2.36	2.7
CE	20210330	Sunny	Moderate	Mid-Flood	S	10.40	10:44	8.89	8.29	30.96	27.01	2.47	2.5
CE	20210330	Sunny	Moderate	Mid-Flood	S	10.40	10:44	7.92	8.21	31.07	26.82	2.13	2.5
CE	20210330	Sunny	Moderate	Mid-Flood	S	1.00	10:45	9.04	8.46	31.04	27.05	2.55	3.4
CE	20210330	Sunny	Moderate	Mid-Flood	S	1.00	10:45	9.24	8.30	31.06	27.00	2.19	3.0
CE	20210330	Sunny	Moderate	Mid-Flood	B	19.80	10:43	9.29	8.41	31.25	26.81	2.00	2.5
CE	20210330	Sunny	Moderate	Mid-Flood	B	19.80	10:43	9.26	8.21	30.95	27.03	2.23	2.5
CF	20210301	Cloudy	Moderate	Mid-Flood	S	10.55	8:01	10.68	8.46	27.37	20.37	2.29	2.5
CF	20210301	Cloudy	Moderate	Mid-Flood	S	10.55	8:01	9.12	8.38	27.30	20.45	2.03	2.5
CF	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	10.67	8.17	26.71	20.43	2.60	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	10.33	8.33	27.08	20.44	2.72	2.5
CF	20210301	Cloudy	Moderate	Mid-Flood	B	20.10	8:00	9.38	8.25	26.92	20.47	2.13	2.5
CF	20210301	Cloudy	Moderate	Mid-Flood	B	20.10	8:00	10.38	8.22	27.41	20.44	1.77	2.5
CF	20210303	Cloudy	Moderate	Mid-Flood	S	10.55	8:04	8.60	8.29	31.07	19.65	2.11	3.8
CF	20210303	Cloudy	Moderate	Mid-Flood	S	10.55	8:04	9.30	8.20	31.01	19.59	2.40	3.7
CF	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:05	9.05	8.20	30.57	19.76	2.52	4.2
CF	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:05	9.63	8.20	31.06	19.87	2.37	3.0
CF	20210303	Cloudy	Moderate	Mid-Flood	B	20.10	8:03	8.43	8.21	30.54	19.68	2.15	4.6
CF	20210303	Cloudy	Moderate	Mid-Flood	B	20.10	8:03	9.17	8.26	31.38	19.73	1.86	4.1
CF	20210305	Cloudy	Moderate	Mid-Flood	S	10.25	8:33	8.37	8.69	28.53	20.31	3.27	3.3
CF	20210305	Cloudy	Moderate	Mid-Flood	S	10.25	8:33	9.67	8.54	29.13	20.49	2.99	3.7
CF	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:34	9.62	8.69	28.99	20.35	2.89	3.8
CF	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:34	8.47	8.48	29.23	20.21	2.82	3.5
CF	20210305	Cloudy	Moderate	Mid-Flood	B	19.50	8:32	9.85	8.70	28.93	20.29	3.57	3.7
CF	20210305	Cloudy	Moderate	Mid-Flood	B	19.50	8:32	8.60	8.65	29.23	20.20	3.59	3.4
CF	20210308	Cloudy	Moderate	Mid-Flood	S	10.15	12:32	8.82	8.29	30.25	22.45	2.80	3.9
CF	20210308	Cloudy	Moderate	Mid-Flood	S	10.15	12:32	8.87	8.47	29.96	22.65	2.84	4.0
CF	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:33	8.51	8.32	29.97	22.33	2.84	3.1
CF	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:33	9.44	8.51	29.89	22.35	2.45	4.4
CF	20210308	Cloudy	Moderate	Mid-Flood	B	19.30	12:31	9.78	8.32	29.75	22.35	2.32	3.4
CF	20210308	Cloudy	Moderate	Mid-Flood	B	19.30	12:31	8.91	8.54	30.00	22.49	2.63	3.3
CF	20210310	Cloudy	Moderate	Mid-Flood	S	10.55	14:18	9.37	8.36	31.51	22.58	2.40	3.4
CF	20210310	Cloudy	Moderate	Mid-Flood	S	10.55	14:18	10.62	8.60	30.87	22.38	2.79	2.9
CF	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	14:19	9.55	8.33	31.60	22.22	2.75	2.6
CF	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	14:19	9.94	8.56	30.84	22.42	2.39	2.6
CF	20210310	Cloudy	Moderate	Mid-Flood	B	20.10	14:17	10.40	8.36	31.75	22.62	2.48	3.1
CF	20210310	Cloudy	Moderate	Mid-Flood	B	20.10	14:17	9.92	8.48	30.75	22.53	2.50	2.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210312	Cloudy	Moderate	Mid-Flood	S	10.35	15:34	9.04	8.29	30.20	24.83	2.36	4.2
CF	20210312	Cloudy	Moderate	Mid-Flood	S	10.35	15:34	9.58	8.64	29.93	24.78	2.14	4.2
CF	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	15:35	9.56	8.33	30.45	24.83	2.63	4.0
CF	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	15:35	9.19	8.36	30.05	24.87	2.79	3.9
CF	20210312	Cloudy	Moderate	Mid-Flood	B	19.70	15:33	9.41	8.33	30.09	24.97	2.09	4.3
CF	20210312	Cloudy	Moderate	Mid-Flood	B	19.70	15:33	8.96	8.25	30.80	24.73	2.19	3.4
CF	20210315	Cloudy	Moderate	Mid-Flood	S	10.20	8:01	9.18	8.37	29.91	23.35	3.14	3.2
CF	20210315	Cloudy	Moderate	Mid-Flood	S	10.20	8:01	8.97	8.54	29.83	23.41	3.32	3.1
CF	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.38	8.60	30.09	23.47	2.99	3.1
CF	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.17	8.46	29.80	23.25	2.86	2.5
CF	20210315	Cloudy	Moderate	Mid-Flood	B	19.40	8:00	8.91	8.54	30.17	23.46	3.02	3.5
CF	20210315	Cloudy	Moderate	Mid-Flood	B	19.40	8:00	9.31	8.27	30.58	23.31	3.33	3.7
CF	20210317	Cloudy	Moderate	Mid-Flood	S	10.80	8:01	9.53	8.44	31.65	23.69	2.13	3.1
CF	20210317	Cloudy	Moderate	Mid-Flood	S	10.80	8:01	8.57	8.31	31.41	23.67	2.28	3.4
CF	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.01	8.32	31.77	23.49	2.68	3.7
CF	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.03	8.37	31.08	23.52	2.86	4.4
CF	20210317	Cloudy	Moderate	Mid-Flood	B	20.60	8:00	9.67	8.17	31.81	23.53	2.59	2.9
CF	20210317	Cloudy	Moderate	Mid-Flood	B	20.60	8:00	9.07	8.28	31.48	23.75	2.40	3.5
CF	20210319	Cloudy	Moderate	Mid-Flood	S	9.60	8:01	9.38	8.20	31.61	23.36	2.03	3.1
CF	20210319	Cloudy	Moderate	Mid-Flood	S	9.60	8:01	8.68	8.32	31.19	23.43	2.27	3.2
CF	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	8.52	8.37	30.92	23.42	2.22	2.5
CF	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.72	8.21	31.21	23.18	2.45	3.1
CF	20210319	Cloudy	Moderate	Mid-Flood	B	18.20	8:00	8.50	8.37	31.02	23.24	1.80	2.5
CF	20210319	Cloudy	Moderate	Mid-Flood	B	18.20	8:00	9.77	8.25	30.82	23.34	2.00	3.7
CF	20210323	Cloudy	Moderate	Mid-Flood	S	9.60	8:01	9.99	8.45	31.00	20.49	2.89	2.9
CF	20210323	Cloudy	Moderate	Mid-Flood	S	9.60	8:01	10.12	8.30	30.18	20.51	2.65	2.8
CF	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.24	8.33	30.75	20.70	2.93	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	10.45	8.56	31.11	20.55	3.06	2.8
CF	20210323	Cloudy	Moderate	Mid-Flood	B	18.20	8:00	9.59	8.40	30.82	20.68	2.30	3.2
CF	20210323	Cloudy	Moderate	Mid-Flood	B	18.20	8:00	9.61	8.34	30.57	20.44	2.24	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	S	10.45	13:46	10.30	8.34	30.68	26.34	1.91	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	S	10.45	13:46	9.00	8.40	30.61	26.47	2.19	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	13:47	10.14	8.37	31.36	26.67	2.48	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	13:47	10.08	8.37	30.87	26.55	2.87	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	B	19.90	13:45	9.15	8.69	31.06	26.47	2.27	2.5
CF	20210325	Cloudy	Moderate	Mid-Flood	B	19.90	13:45	9.71	8.54	31.16	26.71	2.18	3.4
CF	20210327	Sunny	Moderate	Mid-Flood	S	9.65	15:20	9.32	8.57	30.14	24.92	2.13	2.5
CF	20210327	Sunny	Moderate	Mid-Flood	S	9.65	15:20	8.87	8.46	30.30	24.47	2.50	3.5
CF	20210327	Sunny	Moderate	Mid-Flood	S	1.00	15:21	9.24	8.36	29.69	24.27	2.42	3.1
CF	20210327	Sunny	Moderate	Mid-Flood	S	1.00	15:21	9.27	8.38	30.08	24.72	2.72	2.5
CF	20210327	Sunny	Moderate	Mid-Flood	B	19.60	18:31	9.20	8.29	30.16	24.17	1.94	3.2
CF	20210327	Sunny	Moderate	Mid-Flood	B	18.30	15:19	8.28	8.47	29.84	24.83	2.04	2.9
CF	20210330	Sunny	Moderate	Mid-Flood	S	10.80	8:01	7.87	8.19	31.19	26.13	2.42	2.5
CF	20210330	Sunny	Moderate	Mid-Flood	S	10.80	8:01	8.30	8.30	30.98	26.46	2.35	2.5
CF	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:02	9.00	8.42	30.96	26.15	2.22	2.5
CF	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:02	8.06	8.31	31.09	26.42	2.59	2.5
CF	20210330	Sunny	Moderate	Mid-Flood	B	20.60	8:00	9.23	8.24	31.17	26.43	1.64	2.5
CF	20210330	Sunny	Moderate	Mid-Flood	B	20.60	8:00	8.21	8.42	31.01	26.25	1.77	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Flood	S	4.45	8:53	10.63	8.46	26.99	20.57	1.95	2.8
WSR01	20210301	Cloudy	Moderate	Mid-Flood	S	4.45	8:53	9.00	8.32	27.36	20.30	2.51	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:54	10.25	8.48	27.18	20.50	2.23	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:54	10.05	8.38	26.71	20.30	2.19	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Flood	B	7.90	8:52	9.73	8.36	26.85	20.55	2.19	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Flood	B	7.90	8:52	9.27	8.50	26.82	20.49	1.89	2.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210303	Cloudy	Moderate	Mid-Flood	S	4.35	8:56	9.73	8.41	30.95	19.92	2.29	3.7
WSR01	20210303	Cloudy	Moderate	Mid-Flood	S	4.35	8:56	8.51	8.36	31.04	19.86	2.52	4.3
WSR01	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:57	8.87	8.26	30.55	19.87	2.27	3.7
WSR01	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:57	9.63	8.21	30.59	19.77	2.51	4.2
WSR01	20210303	Cloudy	Moderate	Mid-Flood	B	7.70	8:55	8.56	8.28	30.68	19.88	1.95	3.1
WSR01	20210303	Cloudy	Moderate	Mid-Flood	B	7.70	8:55	8.43	8.22	31.11	19.73	2.15	4.4
WSR01	20210305	Cloudy	Moderate	Mid-Flood	S	4.40	9:25	9.07	8.39	28.55	20.42	2.23	3.5
WSR01	20210305	Cloudy	Moderate	Mid-Flood	S	4.40	9:25	9.79	8.54	29.44	20.59	2.47	3.8
WSR01	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:26	9.41	8.70	28.92	20.53	2.29	3.5
WSR01	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:26	9.52	8.42	29.43	20.58	2.57	3.1
WSR01	20210305	Cloudy	Moderate	Mid-Flood	B	7.80	9:24	8.47	8.54	29.30	20.37	1.46	3.8
WSR01	20210305	Cloudy	Moderate	Mid-Flood	B	7.80	9:24	9.33	8.47	28.86	20.36	1.60	3.5
WSR01	20210308	Cloudy	Moderate	Mid-Flood	S	4.55	13:24	8.85	8.58	29.57	22.49	2.63	3.1
WSR01	20210308	Cloudy	Moderate	Mid-Flood	S	4.55	13:24	8.91	8.30	29.59	22.76	2.59	2.5
WSR01	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:25	9.01	8.44	30.25	22.83	2.58	2.8
WSR01	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:25	9.52	8.54	29.29	22.46	2.44	2.8
WSR01	20210308	Cloudy	Moderate	Mid-Flood	B	8.10	13:23	9.80	8.38	29.32	22.83	2.65	3.1
WSR01	20210308	Cloudy	Moderate	Mid-Flood	B	8.10	13:23	9.19	8.47	29.83	22.63	2.45	2.7
WSR01	20210310	Cloudy	Moderate	Mid-Flood	S	4.50	14:44	9.84	8.58	31.34	22.19	2.69	2.9
WSR01	20210310	Cloudy	Moderate	Mid-Flood	S	4.50	14:44	9.86	8.64	30.64	22.24	2.52	2.5
WSR01	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	14:45	9.83	8.58	30.62	22.16	2.78	2.8
WSR01	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	14:45	10.39	8.40	30.93	22.32	2.81	6.3
WSR01	20210310	Cloudy	Moderate	Mid-Flood	B	8.00	14:43	10.39	8.63	31.63	22.43	2.20	2.5
WSR01	20210310	Cloudy	Moderate	Mid-Flood	B	8.00	14:43	9.63	8.51	30.64	22.57	2.14	3.1
WSR01	20210312	Cloudy	Moderate	Mid-Flood	S	4.55	16:03	8.88	8.41	29.87	25.01	2.57	3.9
WSR01	20210312	Cloudy	Moderate	Mid-Flood	S	4.55	16:03	8.88	8.29	30.87	24.90	2.73	3.0
WSR01	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:04	9.59	8.42	30.19	24.78	2.97	3.1

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:04	9.70	8.24	30.67	24.65	2.99	2.6
WSR01	20210312	Cloudy	Moderate	Mid-Flood	B	8.10	16:02	9.53	8.30	30.60	24.75	2.16	3.3
WSR01	20210312	Cloudy	Moderate	Mid-Flood	B	8.10	16:02	9.21	8.30	30.22	24.66	2.07	4.7
WSR01	20210315	Cloudy	Moderate	Mid-Flood	S	4.40	8:29	9.14	8.49	30.47	23.53	2.12	3.0
WSR01	20210315	Cloudy	Moderate	Mid-Flood	S	4.40	8:29	9.26	8.34	30.73	23.52	2.15	2.5
WSR01	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:30	9.05	8.54	30.28	23.35	2.05	4.1
WSR01	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:30	9.60	8.35	29.83	23.33	2.24	4.0
WSR01	20210315	Cloudy	Moderate	Mid-Flood	B	7.80	8:28	8.89	8.56	30.82	23.51	2.14	3.9
WSR01	20210315	Cloudy	Moderate	Mid-Flood	B	7.80	8:28	9.76	8.37	29.81	23.29	2.15	3.3
WSR01	20210317	Cloudy	Moderate	Mid-Flood	S	4.75	8:30	9.92	8.42	31.72	23.62	2.24	3.4
WSR01	20210317	Cloudy	Moderate	Mid-Flood	S	4.75	8:30	9.70	8.46	30.76	23.64	2.64	3.6
WSR01	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:31	9.90	8.34	31.46	23.62	2.38	3.3
WSR01	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:31	9.13	8.44	31.67	23.81	2.63	3.8
WSR01	20210317	Cloudy	Moderate	Mid-Flood	B	8.50	8:29	8.70	8.19	30.93	23.63	2.20	3.8
WSR01	20210317	Cloudy	Moderate	Mid-Flood	B	8.50	8:29	8.92	8.31	30.58	23.78	1.90	3.2
WSR01	20210319	Cloudy	Moderate	Mid-Flood	S	4.60	8:29	8.64	8.41	30.72	23.61	2.27	2.8
WSR01	20210319	Cloudy	Moderate	Mid-Flood	S	4.60	8:29	9.09	8.24	31.85	23.33	2.01	2.9
WSR01	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:30	9.38	8.20	31.87	23.31	1.95	2.8
WSR01	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:30	9.15	8.49	31.62	23.47	1.90	3.2
WSR01	20210319	Cloudy	Moderate	Mid-Flood	B	8.20	8:28	9.75	8.26	30.69	23.30	1.72	2.5
WSR01	20210319	Cloudy	Moderate	Mid-Flood	B	8.20	8:28	9.55	8.17	31.69	23.48	1.63	3.0
WSR01	20210323	Cloudy	Moderate	Mid-Flood	S	4.45	8:25	8.78	8.42	30.64	20.48	2.61	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Flood	S	4.45	8:25	10.73	8.52	30.79	20.67	2.33	3.7
WSR01	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	8.89	8.31	30.55	20.64	2.73	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	10.71	8.45	30.26	20.68	2.99	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Flood	B	7.90	8:24	10.37	8.42	30.25	20.66	2.44	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Flood	B	7.90	8:24	9.54	8.42	30.14	20.54	2.65	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210325	Cloudy	Moderate	Mid-Flood	S	4.20	14:12	10.49	8.40	31.59	26.48	2.23	3.0
WSR01	20210325	Cloudy	Moderate	Mid-Flood	S	4.20	14:12	9.01	8.49	31.27	26.45	2.60	2.5
WSR01	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:13	9.44	8.67	30.47	26.55	2.88	3.1
WSR01	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:13	9.10	8.52	31.08	26.53	2.75	2.9
WSR01	20210325	Cloudy	Moderate	Mid-Flood	B	7.40	14:11	9.07	8.70	30.39	26.35	2.18	3.0
WSR01	20210325	Cloudy	Moderate	Mid-Flood	B	7.40	14:11	9.02	8.68	30.62	26.54	1.94	5.1
WSR01	20210327	Sunny	Moderate	Mid-Flood	S	4.20	15:47	8.36	8.27	30.28	24.62	2.21	2.5
WSR01	20210327	Sunny	Moderate	Mid-Flood	S	4.20	15:47	8.67	8.32	30.09	24.85	2.54	2.5
WSR01	20210327	Sunny	Moderate	Mid-Flood	S	1.00	15:48	8.55	8.26	30.06	24.72	2.67	3.4
WSR01	20210327	Sunny	Moderate	Mid-Flood	S	1.00	15:48	8.11	8.29	29.80	24.22	2.44	3.4
WSR01	20210327	Sunny	Moderate	Mid-Flood	B	7.40	15:46	8.95	8.54	30.42	24.66	2.41	3.5
WSR01	20210327	Sunny	Moderate	Mid-Flood	B	7.40	15:46	8.35	8.39	29.89	24.24	2.07	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	S	4.75	8:25	8.58	8.19	31.12	26.51	2.20	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	S	4.75	8:25	7.82	8.43	31.10	26.25	2.18	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:26	8.12	8.25	31.01	26.51	2.53	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:26	8.34	8.41	31.02	26.38	2.49	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	B	8.50	8:24	8.88	8.20	30.96	26.43	1.57	2.5
WSR01	20210330	Sunny	Moderate	Mid-Flood	B	8.50	8:24	8.96	8.43	31.25	26.48	1.78	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Flood	S	4.90	10:04	9.40	8.44	27.41	20.70	1.86	2.9
WSR02	20210301	Cloudy	Moderate	Mid-Flood	S	4.90	10:04	9.66	8.29	26.96	20.63	2.13	3.3
WSR02	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	10:05	9.73	8.47	27.10	20.81	2.76	2.8
WSR02	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	10:05	9.87	8.31	26.89	20.67	2.69	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Flood	B	8.80	10:03	9.29	8.32	27.07	20.61	2.05	2.7
WSR02	20210301	Cloudy	Moderate	Mid-Flood	B	8.80	10:03	9.68	8.30	27.40	20.49	1.55	2.8
WSR02	20210303	Cloudy	Moderate	Mid-Flood	S	4.95	10:03	8.92	8.37	31.80	20.03	2.08	4.3
WSR02	20210303	Cloudy	Moderate	Mid-Flood	S	4.95	10:03	9.03	8.31	31.53	19.89	2.27	4.3
WSR02	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	9.49	8.28	31.86	20.06	2.70	3.9

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	8.56	8.34	30.74	20.09	2.84	2.8
WSR02	20210303	Cloudy	Moderate	Mid-Flood	B	8.90	10:02	9.48	8.18	31.09	20.12	2.13	4.3
WSR02	20210303	Cloudy	Moderate	Mid-Flood	B	8.90	10:02	8.83	8.33	31.78	19.98	1.96	3.1
WSR02	20210305	Cloudy	Moderate	Mid-Flood	S	4.80	10:26	9.15	8.57	28.82	20.74	2.51	3.0
WSR02	20210305	Cloudy	Moderate	Mid-Flood	S	4.80	10:26	9.81	8.50	28.67	20.66	2.40	3.6
WSR02	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:27	9.97	8.50	29.69	20.64	2.58	3.8
WSR02	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:27	8.96	8.46	29.03	20.62	2.61	3.2
WSR02	20210305	Cloudy	Moderate	Mid-Flood	B	8.60	10:25	8.31	8.60	29.01	20.72	2.25	3.0
WSR02	20210305	Cloudy	Moderate	Mid-Flood	B	8.60	10:25	9.29	8.65	29.28	20.73	2.28	3.5
WSR02	20210308	Cloudy	Moderate	Mid-Flood	S	4.60	14:28	9.39	8.54	29.66	22.92	2.63	3.2
WSR02	20210308	Cloudy	Moderate	Mid-Flood	S	4.60	14:28	9.58	8.47	30.02	22.78	2.60	3.0
WSR02	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:29	8.66	8.35	29.79	22.58	2.58	5.0
WSR02	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:29	9.26	8.31	30.46	22.68	2.43	3.9
WSR02	20210308	Cloudy	Moderate	Mid-Flood	B	8.20	14:27	9.50	8.44	30.57	22.64	2.50	3.9
WSR02	20210308	Cloudy	Moderate	Mid-Flood	B	8.20	14:27	8.63	8.45	30.17	22.96	2.51	3.4
WSR02	20210310	Cloudy	Moderate	Mid-Flood	S	4.80	15:05	9.22	8.50	31.66	22.50	1.75	2.5
WSR02	20210310	Cloudy	Moderate	Mid-Flood	S	4.80	15:05	10.43	8.42	31.05	22.46	2.02	3.2
WSR02	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:06	9.60	8.67	31.28	22.08	2.85	2.7
WSR02	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:06	9.96	8.37	30.52	22.11	2.87	2.9
WSR02	20210310	Cloudy	Moderate	Mid-Flood	B	8.60	15:04	9.72	8.58	31.61	22.27	2.41	2.6
WSR02	20210310	Cloudy	Moderate	Mid-Flood	B	8.60	15:04	10.49	8.42	30.69	22.41	2.53	2.5
WSR02	20210312	Cloudy	Moderate	Mid-Flood	S	4.75	16:26	9.21	8.60	30.04	24.60	2.43	2.5
WSR02	20210312	Cloudy	Moderate	Mid-Flood	S	4.75	16:26	9.62	8.38	30.55	24.73	2.42	3.8
WSR02	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:27	9.61	8.40	30.81	24.75	2.55	3.6
WSR02	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:27	9.04	8.53	30.79	24.68	2.62	3.7
WSR02	20210312	Cloudy	Moderate	Mid-Flood	B	8.50	16:25	9.53	8.30	29.99	24.82	1.89	3.1
WSR02	20210312	Cloudy	Moderate	Mid-Flood	B	8.50	16:25	9.07	8.52	29.88	24.90	2.10	2.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210315	Cloudy	Moderate	Mid-Flood	S	4.55	8:54	9.18	8.56	30.43	23.38	1.88	4.5
WSR02	20210315	Cloudy	Moderate	Mid-Flood	S	4.55	8:54	9.25	8.28	30.80	23.71	2.17	3.2
WSR02	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:55	9.79	8.31	30.46	23.45	2.72	3.8
WSR02	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	8:55	9.20	8.58	29.87	23.54	2.80	3.4
WSR02	20210315	Cloudy	Moderate	Mid-Flood	B	8.10	8:53	9.66	8.58	30.33	23.43	2.40	3.5
WSR02	20210315	Cloudy	Moderate	Mid-Flood	B	8.10	8:53	9.61	8.34	29.87	23.69	2.29	3.4
WSR02	20210317	Cloudy	Moderate	Mid-Flood	S	4.55	8:53	9.16	8.26	31.42	23.90	2.66	4.0
WSR02	20210317	Cloudy	Moderate	Mid-Flood	S	4.55	8:53	9.06	8.41	30.58	23.75	2.63	3.8
WSR02	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:54	9.54	8.26	31.73	23.80	2.36	2.8
WSR02	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	8:54	9.65	8.30	31.39	23.90	2.10	2.5
WSR02	20210317	Cloudy	Moderate	Mid-Flood	B	8.10	8:52	9.44	8.49	30.67	24.05	2.61	2.5
WSR02	20210317	Cloudy	Moderate	Mid-Flood	B	8.10	8:52	8.89	8.25	31.84	23.74	2.37	3.7
WSR02	20210319	Cloudy	Moderate	Mid-Flood	S	4.80	8:52	9.90	8.42	30.65	23.43	2.33	3.4
WSR02	20210319	Cloudy	Moderate	Mid-Flood	S	4.80	8:52	8.46	8.36	31.35	23.24	2.22	4.0
WSR02	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:53	9.54	8.34	30.56	23.62	2.45	3.5
WSR02	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	8:53	9.12	8.20	30.52	23.35	2.65	3.1
WSR02	20210319	Cloudy	Moderate	Mid-Flood	B	8.60	8:51	8.66	8.37	31.27	23.34	1.46	2.8
WSR02	20210319	Cloudy	Moderate	Mid-Flood	B	8.60	8:51	8.49	8.31	31.82	23.44	1.36	3.5
WSR02	20210323	Cloudy	Moderate	Mid-Flood	S	4.55	8:45	10.67	8.40	31.10	20.47	2.28	2.7
WSR02	20210323	Cloudy	Moderate	Mid-Flood	S	4.55	8:45	10.72	8.35	30.52	20.53	2.37	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:46	9.65	8.28	31.21	20.61	2.88	3.0
WSR02	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	8:46	10.28	8.55	30.48	20.72	3.11	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Flood	B	8.10	8:44	9.09	8.36	30.31	20.64	2.45	2.8
WSR02	20210323	Cloudy	Moderate	Mid-Flood	B	8.10	8:44	9.28	8.59	30.66	20.64	2.27	2.5
WSR02	20210325	Cloudy	Moderate	Mid-Flood	S	4.95	14:33	9.37	8.50	30.78	26.58	2.32	3.4
WSR02	20210325	Cloudy	Moderate	Mid-Flood	S	4.95	14:33	10.31	8.45	31.57	26.46	2.64	3.3
WSR02	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:34	9.08	8.52	30.51	26.51	2.38	3.0

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:34	9.02	8.55	31.43	26.38	2.76	3.7
WSR02	20210325	Cloudy	Moderate	Mid-Flood	B	8.90	14:32	10.04	8.34	30.36	26.55	2.39	3.4
WSR02	20210325	Cloudy	Moderate	Mid-Flood	B	8.90	14:32	10.57	8.55	30.83	26.52	2.24	3.5
WSR02	20210327	Sunny	Moderate	Mid-Flood	S	4.50	16:08	9.08	8.49	30.53	24.37	2.26	2.5
WSR02	20210327	Sunny	Moderate	Mid-Flood	S	4.50	16:08	8.56	8.43	30.00	24.33	2.03	2.7
WSR02	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:09	9.22	8.53	29.73	24.31	2.60	2.5
WSR02	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:09	9.10	8.42	30.41	24.85	2.74	3.2
WSR02	20210327	Sunny	Moderate	Mid-Flood	B	8.00	16:07	8.69	8.38	29.85	24.80	2.13	2.5
WSR02	20210327	Sunny	Moderate	Mid-Flood	B	8.00	16:07	8.63	8.43	29.68	24.25	2.01	3.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	S	4.65	8:44	8.00	8.35	31.04	26.61	2.00	2.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	S	4.65	8:44	7.88	8.24	31.25	26.64	2.16	2.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:45	8.44	8.29	31.02	26.33	2.87	2.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:45	7.97	8.27	31.11	26.73	2.63	2.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	B	8.30	8:43	8.59	8.40	30.94	26.66	2.39	2.5
WSR02	20210330	Sunny	Moderate	Mid-Flood	B	8.30	8:43	8.44	8.22	31.02	26.42	2.57	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Flood	S	4.25	9:44	8.91	8.23	27.32	20.73	2.45	3.1
WSR03	20210301	Cloudy	Moderate	Mid-Flood	S	4.25	9:44	9.30	8.44	27.22	20.59	2.45	3.2
WSR03	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.50	8.21	27.01	20.48	2.12	2.9
WSR03	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.87	8.21	26.78	20.53	2.66	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Flood	B	7.50	9:43	9.86	8.29	26.91	20.40	2.11	3.0
WSR03	20210301	Cloudy	Moderate	Mid-Flood	B	7.50	9:43	9.95	8.26	26.89	20.64	1.68	2.7
WSR03	20210303	Cloudy	Moderate	Mid-Flood	S	3.95	9:43	8.62	8.17	31.22	20.13	2.50	3.8
WSR03	20210303	Cloudy	Moderate	Mid-Flood	S	3.95	9:43	9.00	8.23	31.53	20.01	2.62	3.5
WSR03	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:44	9.10	8.49	31.01	19.97	2.53	4.6
WSR03	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:44	8.81	8.23	31.75	20.12	2.76	3.2
WSR03	20210303	Cloudy	Moderate	Mid-Flood	B	6.90	9:42	8.89	8.48	30.76	20.04	2.23	4.6
WSR03	20210303	Cloudy	Moderate	Mid-Flood	B	6.90	9:42	8.58	8.46	31.80	20.02	1.99	4.7

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210305	Cloudy	Moderate	Mid-Flood	S	3.80	10:06	8.41	8.55	28.94	20.68	2.37	5.8
WSR03	20210305	Cloudy	Moderate	Mid-Flood	S	3.80	10:06	8.64	8.50	29.80	20.70	2.23	2.7
WSR03	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:07	9.56	8.55	29.52	20.63	2.39	3.2
WSR03	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:07	9.74	8.51	29.69	20.57	2.55	3.6
WSR03	20210305	Cloudy	Moderate	Mid-Flood	B	6.60	10:05	9.28	8.52	28.66	20.54	2.07	3.8
WSR03	20210305	Cloudy	Moderate	Mid-Flood	B	6.60	10:05	8.75	8.46	29.48	20.66	1.83	4.6
WSR03	20210308	Cloudy	Moderate	Mid-Flood	S	3.95	14:08	9.33	8.27	29.44	22.75	2.83	3.3
WSR03	20210308	Cloudy	Moderate	Mid-Flood	S	3.95	14:08	8.79	8.57	30.43	22.53	2.54	3.2
WSR03	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:09	9.16	8.59	29.76	22.92	3.17	2.8
WSR03	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:09	9.14	8.51	29.58	22.88	2.94	2.5
WSR03	20210308	Cloudy	Moderate	Mid-Flood	B	6.90	14:07	8.16	8.41	29.35	22.93	2.26	2.6
WSR03	20210308	Cloudy	Moderate	Mid-Flood	B	6.90	14:07	8.53	8.47	29.41	22.68	2.42	3.0
WSR03	20210310	Cloudy	Moderate	Mid-Flood	S	3.95	15:21	9.76	8.38	30.97	22.34	2.57	2.6
WSR03	20210310	Cloudy	Moderate	Mid-Flood	S	3.95	15:21	9.85	8.46	31.07	22.37	2.73	3.1
WSR03	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:22	10.47	8.37	31.88	22.23	3.14	2.9
WSR03	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:22	10.27	8.54	30.51	22.05	2.77	3.2
WSR03	20210310	Cloudy	Moderate	Mid-Flood	B	6.90	15:20	9.54	8.34	30.50	22.07	1.95	2.5
WSR03	20210310	Cloudy	Moderate	Mid-Flood	B	6.90	15:20	9.69	8.50	30.85	22.13	2.06	3.4
WSR03	20210312	Cloudy	Moderate	Mid-Flood	S	4.15	16:42	9.40	8.60	30.25	24.64	2.30	3.9
WSR03	20210312	Cloudy	Moderate	Mid-Flood	S	4.15	16:42	9.63	8.53	29.91	24.79	2.67	3.7
WSR03	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:43	8.79	8.25	30.34	24.55	3.01	3.8
WSR03	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:43	9.44	8.51	29.84	24.50	2.83	3.7
WSR03	20210312	Cloudy	Moderate	Mid-Flood	B	7.30	16:41	8.86	8.30	30.73	24.52	2.32	4.6
WSR03	20210312	Cloudy	Moderate	Mid-Flood	B	7.30	16:41	9.77	8.57	30.77	24.83	2.23	3.7
WSR03	20210315	Cloudy	Moderate	Mid-Flood	S	3.70	9:12	9.63	8.51	30.41	23.52	2.64	3.9
WSR03	20210315	Cloudy	Moderate	Mid-Flood	S	3.70	9:12	9.25	8.44	30.80	23.50	2.70	3.9
WSR03	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:13	9.37	8.56	30.42	23.64	2.60	4.2

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:13	9.46	8.54	30.48	23.41	2.41	3.3
WSR03	20210315	Cloudy	Moderate	Mid-Flood	B	6.40	9:11	9.20	8.54	30.21	23.55	2.05	4.1
WSR03	20210315	Cloudy	Moderate	Mid-Flood	B	6.40	9:11	9.59	8.58	30.48	23.57	2.17	3.7
WSR03	20210317	Cloudy	Moderate	Mid-Flood	S	3.75	9:09	8.84	8.26	31.62	23.93	2.13	4.0
WSR03	20210317	Cloudy	Moderate	Mid-Flood	S	3.75	9:09	8.61	8.27	31.64	23.91	2.28	3.0
WSR03	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	9.77	8.24	30.90	23.90	2.35	3.8
WSR03	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	9.07	8.21	30.81	23.77	2.41	3.0
WSR03	20210317	Cloudy	Moderate	Mid-Flood	B	6.50	9:08	9.20	8.41	31.72	23.65	1.84	5.0
WSR03	20210317	Cloudy	Moderate	Mid-Flood	B	6.50	9:08	9.69	8.17	31.74	24.01	2.02	3.2
WSR03	20210319	Cloudy	Moderate	Mid-Flood	S	3.75	9:09	8.48	8.50	31.50	23.46	1.91	2.5
WSR03	20210319	Cloudy	Moderate	Mid-Flood	S	3.75	9:09	9.88	8.39	31.88	23.37	2.29	2.8
WSR03	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	8.74	8.45	31.73	23.57	2.29	2.5
WSR03	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	9.41	8.47	31.76	23.56	2.42	2.9
WSR03	20210319	Cloudy	Moderate	Mid-Flood	B	6.50	9:08	9.82	8.30	30.89	23.45	1.63	2.5
WSR03	20210319	Cloudy	Moderate	Mid-Flood	B	6.50	9:08	9.21	8.30	30.62	23.48	1.90	2.9
WSR03	20210323	Cloudy	Moderate	Mid-Flood	S	4.05	8:59	9.95	8.44	31.09	20.50	2.63	3.1
WSR03	20210323	Cloudy	Moderate	Mid-Flood	S	4.05	8:59	9.75	8.40	30.55	20.49	2.22	3.3
WSR03	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:00	10.13	8.34	30.85	20.61	2.53	3.6
WSR03	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:00	9.23	8.35	30.33	20.43	2.36	4.3
WSR03	20210323	Cloudy	Moderate	Mid-Flood	B	7.10	8:58	8.99	8.59	30.14	20.56	2.50	3.2
WSR03	20210323	Cloudy	Moderate	Mid-Flood	B	7.10	8:58	9.31	8.39	30.47	20.44	2.24	3.3
WSR03	20210325	Cloudy	Moderate	Mid-Flood	S	3.90	14:51	9.27	8.39	30.73	26.47	2.23	3.6
WSR03	20210325	Cloudy	Moderate	Mid-Flood	S	3.90	14:51	8.96	8.45	31.54	26.49	2.49	3.6
WSR03	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:52	9.93	8.55	31.36	26.32	2.06	3.8
WSR03	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	14:52	10.61	8.40	31.29	26.52	2.16	2.8
WSR03	20210325	Cloudy	Moderate	Mid-Flood	B	6.80	14:50	9.04	8.57	30.49	26.49	2.10	4.0
WSR03	20210325	Cloudy	Moderate	Mid-Flood	B	6.80	14:50	9.95	8.65	30.81	26.47	2.18	4.4

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210327	Sunny	Moderate	Mid-Flood	S	3.90	16:26	8.17	8.40	30.16	24.48	2.29	2.6
WSR03	20210327	Sunny	Moderate	Mid-Flood	S	3.90	16:26	8.13	8.42	30.46	24.50	1.99	4.6
WSR03	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:27	9.12	8.53	30.12	24.22	2.34	2.5
WSR03	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:27	8.41	8.51	29.78	24.42	2.41	3.5
WSR03	20210327	Sunny	Moderate	Mid-Flood	B	6.80	16:25	8.16	8.35	29.97	24.64	1.56	3.4
WSR03	20210327	Sunny	Moderate	Mid-Flood	B	6.80	16:25	8.10	8.56	30.55	24.29	1.63	3.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	S	3.75	8:57	9.15	8.27	30.95	26.42	2.22	2.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	S	3.75	8:57	7.82	8.28	31.15	26.47	1.87	2.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:58	8.27	8.33	30.97	26.64	2.45	2.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	S	1.00	8:58	8.33	8.21	31.05	26.57	2.36	2.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	B	6.50	8:56	8.64	8.29	31.02	26.46	2.09	2.5
WSR03	20210330	Sunny	Moderate	Mid-Flood	B	6.50	8:56	9.12	8.36	31.01	26.53	2.18	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Flood	S	3.50	9:27	9.31	8.48	26.77	20.50	1.87	2.6
WSR04	20210301	Cloudy	Moderate	Mid-Flood	S	3.50	9:27	10.06	8.20	27.06	20.42	2.54	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:28	9.06	8.37	26.91	20.60	2.67	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:28	9.51	8.21	27.31	20.36	2.22	3.1
WSR04	20210301	Cloudy	Moderate	Mid-Flood	B	6.00	9:26	9.22	8.45	26.97	20.59	2.12	3.5
WSR04	20210301	Cloudy	Moderate	Mid-Flood	B	6.00	9:26	9.43	8.19	27.34	20.38	1.70	2.9
WSR04	20210303	Cloudy	Moderate	Mid-Flood	S	3.60	9:26	9.18	8.18	30.62	19.91	2.28	5.4
WSR04	20210303	Cloudy	Moderate	Mid-Flood	S	3.60	9:26	9.35	8.20	30.69	20.03	2.48	3.8
WSR04	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:27	9.37	8.30	30.50	19.92	2.20	3.4
WSR04	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:27	9.36	8.46	30.90	19.84	2.18	4.5
WSR04	20210303	Cloudy	Moderate	Mid-Flood	B	6.20	9:25	9.23	8.39	30.97	20.00	2.25	3.8
WSR04	20210303	Cloudy	Moderate	Mid-Flood	B	6.20	9:25	8.41	8.49	31.60	19.87	2.22	4.0
WSR04	20210305	Cloudy	Moderate	Mid-Flood	S	3.40	9:49	8.41	8.70	29.22	20.60	1.99	3.7
WSR04	20210305	Cloudy	Moderate	Mid-Flood	S	3.40	9:49	8.46	8.50	29.41	20.53	1.90	3.5
WSR04	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:50	9.45	8.58	29.04	20.66	2.63	4.3

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:50	9.29	8.61	29.81	20.54	2.51	6.6
WSR04	20210305	Cloudy	Moderate	Mid-Flood	B	5.80	9:48	9.25	8.56	29.36	20.35	1.77	4.8
WSR04	20210305	Cloudy	Moderate	Mid-Flood	B	5.80	9:48	9.69	8.49	29.84	20.73	1.53	4.4
WSR04	20210308	Cloudy	Moderate	Mid-Flood	S	3.85	13:51	9.69	8.55	29.83	22.85	2.95	3.1
WSR04	20210308	Cloudy	Moderate	Mid-Flood	S	3.85	13:51	9.77	8.55	29.64	22.83	2.63	3.2
WSR04	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:52	9.83	8.31	30.27	22.83	2.77	3.5
WSR04	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:52	8.93	8.38	30.13	22.70	2.52	3.1
WSR04	20210308	Cloudy	Moderate	Mid-Flood	B	6.70	13:50	8.43	8.43	29.77	22.68	2.33	2.9
WSR04	20210308	Cloudy	Moderate	Mid-Flood	B	6.70	13:50	9.79	8.42	30.06	22.60	2.73	2.8
WSR04	20210310	Cloudy	Moderate	Mid-Flood	S	3.35	15:37	9.46	8.34	30.48	22.27	2.73	3.6
WSR04	20210310	Cloudy	Moderate	Mid-Flood	S	3.35	15:37	10.60	8.52	30.67	22.20	2.49	5.2
WSR04	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:38	10.22	8.51	31.69	22.33	2.55	3.0
WSR04	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:38	9.38	8.35	30.95	22.11	2.83	3.0
WSR04	20210310	Cloudy	Moderate	Mid-Flood	B	5.70	15:36	10.28	8.57	30.98	22.35	2.39	2.5
WSR04	20210310	Cloudy	Moderate	Mid-Flood	B	5.70	15:36	9.31	8.56	31.32	22.14	2.11	2.5
WSR04	20210312	Cloudy	Moderate	Mid-Flood	S	3.80	16:58	9.64	8.37	29.98	24.75	2.72	4.7
WSR04	20210312	Cloudy	Moderate	Mid-Flood	S	3.80	16:58	8.97	8.42	29.80	24.81	2.28	3.6
WSR04	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:59	9.79	8.59	30.67	24.58	2.89	3.8
WSR04	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	16:59	9.43	8.37	29.81	24.64	2.43	3.8
WSR04	20210312	Cloudy	Moderate	Mid-Flood	B	6.60	16:57	8.86	8.24	30.47	24.96	2.10	3.4
WSR04	20210312	Cloudy	Moderate	Mid-Flood	B	6.60	16:57	9.14	8.26	30.68	24.64	2.29	3.5
WSR04	20210315	Cloudy	Moderate	Mid-Flood	S	3.75	9:28	8.78	8.41	30.61	23.66	2.50	4.2
WSR04	20210315	Cloudy	Moderate	Mid-Flood	S	3.75	9:28	9.68	8.59	30.62	23.51	2.23	4.2
WSR04	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:29	9.82	8.58	30.44	23.61	2.77	3.1
WSR04	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:29	9.82	8.52	30.32	23.47	2.44	3.5
WSR04	20210315	Cloudy	Moderate	Mid-Flood	B	6.50	9:27	9.65	8.36	30.11	23.51	2.00	4.6
WSR04	20210315	Cloudy	Moderate	Mid-Flood	B	6.50	9:27	9.70	8.42	30.07	23.65	1.83	5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210317	Cloudy	Moderate	Mid-Flood	S	3.60	9:27	9.28	8.40	31.68	23.96	2.55	3.5
WSR04	20210317	Cloudy	Moderate	Mid-Flood	S	3.60	9:27	9.73	8.20	30.82	24.11	2.64	3.3
WSR04	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:28	9.52	8.17	30.72	23.94	2.66	3.0
WSR04	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:28	9.72	8.38	30.96	23.83	2.77	4.0
WSR04	20210317	Cloudy	Moderate	Mid-Flood	B	6.20	9:26	9.40	8.27	31.09	24.02	2.16	2.9
WSR04	20210317	Cloudy	Moderate	Mid-Flood	B	6.20	9:26	9.82	8.21	30.68	23.83	2.28	3.8
WSR04	20210319	Cloudy	Moderate	Mid-Flood	S	3.85	9:23	9.46	8.34	30.86	23.35	2.00	2.6
WSR04	20210319	Cloudy	Moderate	Mid-Flood	S	3.85	9:23	9.55	8.47	31.60	23.62	2.30	2.5
WSR04	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:24	9.38	8.49	31.66	23.54	2.15	2.7
WSR04	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:24	8.66	8.37	30.73	23.63	1.81	3.0
WSR04	20210319	Cloudy	Moderate	Mid-Flood	B	6.70	9:22	9.49	8.17	30.90	23.48	1.57	2.9
WSR04	20210319	Cloudy	Moderate	Mid-Flood	B	6.70	9:22	9.31	8.45	31.35	23.43	1.79	3.2
WSR04	20210323	Cloudy	Moderate	Mid-Flood	S	3.90	9:18	9.12	8.43	30.14	20.72	2.81	2.6
WSR04	20210323	Cloudy	Moderate	Mid-Flood	S	3.90	9:18	9.86	8.49	30.56	20.73	2.89	3.3
WSR04	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:19	10.11	8.56	30.22	20.71	2.58	3.3
WSR04	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:19	8.82	8.41	30.23	20.64	2.42	4.3
WSR04	20210323	Cloudy	Moderate	Mid-Flood	B	6.80	9:17	10.14	8.44	30.61	20.64	2.15	2.5
WSR04	20210323	Cloudy	Moderate	Mid-Flood	B	6.80	9:17	9.95	8.31	30.54	20.80	1.92	3.4
WSR04	20210325	Cloudy	Moderate	Mid-Flood	S	3.60	15:07	8.85	8.39	30.59	26.71	2.29	4.3
WSR04	20210325	Cloudy	Moderate	Mid-Flood	S	3.60	15:07	9.26	8.36	31.39	26.65	2.19	4.1
WSR04	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:08	9.59	8.39	30.96	26.32	2.55	4.4
WSR04	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:08	9.28	8.50	31.52	26.65	2.43	3.8
WSR04	20210325	Cloudy	Moderate	Mid-Flood	B	6.20	15:06	9.35	8.54	31.40	26.52	2.03	3.8
WSR04	20210325	Cloudy	Moderate	Mid-Flood	B	6.20	15:06	8.84	8.44	31.55	26.62	2.09	3.5
WSR04	20210327	Sunny	Moderate	Mid-Flood	S	3.55	16:42	8.22	8.43	30.33	24.45	2.66	2.8
WSR04	20210327	Sunny	Moderate	Mid-Flood	S	3.55	16:42	8.76	8.34	30.19	24.34	2.38	3.2
WSR04	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:43	9.12	8.37	30.56	24.38	2.89	3.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210327	Sunny	Moderate	Mid-Flood	S	1.00	16:43	8.77	8.36	30.28	24.57	2.49	4.7
WSR04	20210327	Sunny	Moderate	Mid-Flood	B	6.10	16:41	8.05	8.26	30.28	24.55	2.22	4.4
WSR04	20210327	Sunny	Moderate	Mid-Flood	B	6.10	16:41	8.45	8.39	30.31	24.39	2.30	5.6
WSR04	20210330	Sunny	Moderate	Mid-Flood	S	3.50	9:11	9.18	8.29	31.14	26.64	1.98	2.7
WSR04	20210330	Sunny	Moderate	Mid-Flood	S	3.50	9:11	8.22	8.45	31.02	26.64	2.34	2.5
WSR04	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:12	7.74	8.39	31.07	26.63	2.75	2.5
WSR04	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:12	8.82	8.36	31.05	26.60	2.56	2.5
WSR04	20210330	Sunny	Moderate	Mid-Flood	B	6.00	9:10	7.97	8.40	30.95	26.75	2.41	2.5
WSR04	20210330	Sunny	Moderate	Mid-Flood	B	6.00	9:10	8.57	8.28	31.17	26.83	2.16	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Flood	S	8.45	9:38	10.65	8.34	26.96	20.48	2.55	4.1
WSR16	20210301	Cloudy	Moderate	Mid-Flood	S	8.45	9:38	9.27	8.34	27.15	20.36	1.99	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	10.31	8.47	27.06	20.58	2.06	3.3
WSR16	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	10.15	8.20	27.17	20.47	2.19	2.8
WSR16	20210301	Cloudy	Moderate	Mid-Flood	B	15.90	9:37	8.88	8.41	27.39	20.54	1.67	2.6
WSR16	20210301	Cloudy	Moderate	Mid-Flood	B	15.90	9:37	10.12	8.32	27.03	20.38	1.67	2.5
WSR16	20210303	Cloudy	Moderate	Mid-Flood	S	8.05	9:41	9.37	8.30	31.14	20.00	2.19	4.3
WSR16	20210303	Cloudy	Moderate	Mid-Flood	S	8.05	9:41	8.95	8.38	31.20	20.10	2.12	5.1
WSR16	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:42	9.69	8.19	31.54	19.87	2.69	3.7
WSR16	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:42	8.81	8.17	31.74	19.97	2.39	5.5
WSR16	20210303	Cloudy	Moderate	Mid-Flood	B	15.10	9:40	8.40	8.46	31.37	19.96	1.80	3.5
WSR16	20210303	Cloudy	Moderate	Mid-Flood	B	15.10	9:40	9.51	8.38	30.56	19.97	1.72	3.2
WSR16	20210305	Cloudy	Moderate	Mid-Flood	S	8.30	10:10	9.89	8.60	29.24	20.49	2.04	5.4
WSR16	20210305	Cloudy	Moderate	Mid-Flood	S	8.30	10:10	9.54	8.48	29.11	20.60	2.25	4.8
WSR16	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:11	9.50	8.59	28.94	20.46	2.63	4.5
WSR16	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	10:11	8.87	8.63	29.70	20.43	2.76	4.2
WSR16	20210305	Cloudy	Moderate	Mid-Flood	B	15.60	10:09	8.77	8.67	29.15	20.46	1.93	3.9
WSR16	20210305	Cloudy	Moderate	Mid-Flood	B	15.60	10:09	8.79	8.68	28.49	20.52	1.90	4.0

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210308	Cloudy	Moderate	Mid-Flood	S	8.25	14:09	8.46	8.54	29.71	22.73	2.65	3.5
WSR16	20210308	Cloudy	Moderate	Mid-Flood	S	8.25	14:09	8.24	8.58	30.23	22.82	2.32	3.2
WSR16	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:10	9.22	8.31	30.68	22.60	3.16	3.1
WSR16	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	14:10	9.13	8.55	30.11	22.78	2.78	2.8
WSR16	20210308	Cloudy	Moderate	Mid-Flood	B	15.50	14:08	9.43	8.51	29.36	22.78	2.35	3.6
WSR16	20210308	Cloudy	Moderate	Mid-Flood	B	15.50	14:08	8.90	8.36	29.45	22.62	2.70	2.5
WSR16	20210310	Cloudy	Moderate	Mid-Flood	S	8.30	16:53	10.24	8.52	30.61	22.11	2.52	2.5
WSR16	20210310	Cloudy	Moderate	Mid-Flood	S	8.30	16:53	10.51	8.54	31.25	22.18	2.82	2.5
WSR16	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:54	9.86	8.37	31.29	22.24	3.07	2.7
WSR16	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:54	9.76	8.50	31.88	21.88	2.75	3.1
WSR16	20210310	Cloudy	Moderate	Mid-Flood	B	15.60	16:52	9.66	8.58	30.82	21.83	2.47	2.7
WSR16	20210310	Cloudy	Moderate	Mid-Flood	B	15.60	16:52	10.61	8.51	31.59	22.04	2.18	3.4
WSR16	20210312	Cloudy	Moderate	Mid-Flood	S	7.90	18:16	9.73	8.38	30.09	24.59	2.25	3.9
WSR16	20210312	Cloudy	Moderate	Mid-Flood	S	7.90	18:16	9.16	8.62	30.86	24.49	2.24	4.1
WSR16	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	18:17	8.92	8.52	30.06	24.65	2.25	3.7
WSR16	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	18:17	9.28	8.37	30.16	24.70	2.32	3.6
WSR16	20210312	Cloudy	Moderate	Mid-Flood	B	14.80	18:15	9.60	8.56	29.78	24.44	2.19	5.4
WSR16	20210312	Cloudy	Moderate	Mid-Flood	B	14.80	18:15	9.51	8.60	30.45	24.64	2.33	2.5
WSR16	20210315	Cloudy	Moderate	Mid-Flood	S	8.00	10:50	9.39	8.49	30.46	23.66	2.58	3.9
WSR16	20210315	Cloudy	Moderate	Mid-Flood	S	8.00	10:50	9.08	8.35	29.89	24.03	2.26	4.3
WSR16	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:51	9.74	8.49	30.57	23.76	2.27	3.1
WSR16	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:51	9.05	8.37	30.15	23.60	2.30	3.9
WSR16	20210315	Cloudy	Moderate	Mid-Flood	B	15.00	10:49	9.59	8.60	30.26	23.75	1.65	3.4
WSR16	20210315	Cloudy	Moderate	Mid-Flood	B	15.00	10:49	9.04	8.30	30.78	23.83	1.84	3.3
WSR16	20210317	Cloudy	Moderate	Mid-Flood	S	8.30	10:44	8.58	8.47	31.59	23.98	2.58	3.1
WSR16	20210317	Cloudy	Moderate	Mid-Flood	S	8.30	10:44	9.49	8.41	31.73	24.21	2.27	2.8
WSR16	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:45	9.65	8.45	31.38	24.04	2.27	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:45	8.38	8.24	31.52	23.93	2.66	2.6
WSR16	20210317	Cloudy	Moderate	Mid-Flood	B	15.60	10:43	9.11	8.33	30.96	24.34	2.01	2.5
WSR16	20210317	Cloudy	Moderate	Mid-Flood	B	15.60	10:43	9.94	8.48	30.67	24.09	2.30	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Flood	S	7.85	10:51	9.46	8.50	31.84	23.77	1.82	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Flood	S	7.85	10:51	9.46	8.49	31.04	23.68	1.74	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:52	9.32	8.41	31.81	23.81	1.93	2.8
WSR16	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:52	9.38	8.44	30.96	23.88	2.07	3.0
WSR16	20210319	Cloudy	Moderate	Mid-Flood	B	14.70	10:50	8.93	8.36	30.57	23.75	1.54	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Flood	B	14.70	10:50	8.54	8.30	31.03	23.87	1.83	2.5
WSR16	20210323	Cloudy	Moderate	Mid-Flood	S	8.05	10:40	10.38	8.50	30.17	20.94	2.90	3.5
WSR16	20210323	Cloudy	Moderate	Mid-Flood	S	8.05	10:40	10.09	8.33	30.65	20.85	2.90	3.3
WSR16	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	10:41	9.89	8.44	30.23	20.66	2.61	3.3
WSR16	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	10:41	10.07	8.60	30.20	20.99	2.35	3.3
WSR16	20210323	Cloudy	Moderate	Mid-Flood	B	15.10	10:39	9.69	8.52	31.33	20.77	2.24	3.7
WSR16	20210323	Cloudy	Moderate	Mid-Flood	B	15.10	10:39	10.67	8.44	31.36	20.75	2.57	2.5
WSR16	20210325	Cloudy	Moderate	Mid-Flood	S	8.45	16:29	9.29	8.39	30.70	26.32	2.14	4.3
WSR16	20210325	Cloudy	Moderate	Mid-Flood	S	8.45	16:29	9.84	8.54	30.54	26.39	2.50	3.7
WSR16	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:30	10.08	8.62	31.57	26.66	2.65	4.6
WSR16	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:30	8.84	8.59	30.59	26.48	2.28	3.5
WSR16	20210325	Cloudy	Moderate	Mid-Flood	B	15.90	16:28	9.32	8.61	30.91	26.53	2.35	5.7
WSR16	20210325	Cloudy	Moderate	Mid-Flood	B	15.90	16:28	10.31	8.54	31.56	26.35	2.34	4.7
WSR16	20210327	Sunny	Moderate	Mid-Flood	S	7.65	18:04	8.21	8.27	30.27	24.33	2.38	5.1
WSR16	20210327	Sunny	Moderate	Mid-Flood	S	7.65	18:04	8.79	8.49	29.77	24.36	2.21	5.5
WSR16	20210327	Sunny	Moderate	Mid-Flood	S	1.00	18:05	8.67	8.37	30.45	24.19	2.27	6.7
WSR16	20210327	Sunny	Moderate	Mid-Flood	S	1.00	18:05	9.30	8.32	30.49	24.33	2.27	6.3
WSR16	20210327	Sunny	Moderate	Mid-Flood	B	14.30	18:03	9.07	8.44	30.39	24.41	1.89	5.0
WSR16	20210327	Sunny	Moderate	Mid-Flood	B	14.30	18:03	8.72	8.43	30.35	24.43	1.92	4.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210330	Sunny	Moderate	Mid-Flood	S	8.40	10:20	8.62	8.35	31.10	26.85	2.22	2.5
WSR16	20210330	Sunny	Moderate	Mid-Flood	S	8.40	10:20	8.57	8.31	31.09	26.69	2.40	2.5
WSR16	20210330	Sunny	Moderate	Mid-Flood	S	1.00	10:21	9.17	8.37	31.03	26.94	2.59	2.7
WSR16	20210330	Sunny	Moderate	Mid-Flood	S	1.00	10:21	8.10	8.20	31.23	26.78	2.18	2.5
WSR16	20210330	Sunny	Moderate	Mid-Flood	B	15.80	10:19	8.28	8.28	31.08	26.89	1.86	2.5
WSR16	20210330	Sunny	Moderate	Mid-Flood	B	15.80	10:19	8.69	8.29	31.21	27.02	1.95	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Flood	S	3.55	9:00	10.82	8.44	27.16	20.51	2.28	3.3
WSR33	20210301	Cloudy	Moderate	Mid-Flood	S	3.55	9:00	10.12	8.17	27.20	20.40	2.02	3.0
WSR33	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:01	9.29	8.45	27.09	20.47	2.04	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	9:01	10.89	8.42	27.35	20.32	2.62	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Flood	B	6.10	8:59	8.79	8.30	27.00	20.33	1.72	2.8
WSR33	20210301	Cloudy	Moderate	Mid-Flood	B	6.10	8:59	9.09	8.24	26.80	20.39	2.13	2.7
WSR33	20210303	Cloudy	Moderate	Mid-Flood	S	3.70	8:59	8.54	8.45	31.03	19.78	2.17	3.5
WSR33	20210303	Cloudy	Moderate	Mid-Flood	S	3.70	8:59	9.40	8.28	31.02	19.85	2.15	3.8
WSR33	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:00	8.47	8.43	30.68	19.83	2.68	2.5
WSR33	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	9:00	9.65	8.44	31.62	19.89	2.31	2.5
WSR33	20210303	Cloudy	Moderate	Mid-Flood	B	6.40	8:58	9.68	8.22	30.50	19.86	1.99	2.5
WSR33	20210303	Cloudy	Moderate	Mid-Flood	B	6.40	8:58	8.69	8.25	31.61	19.86	2.37	2.5
WSR33	20210305	Cloudy	Moderate	Mid-Flood	S	3.60	9:22	8.77	8.69	28.99	20.44	2.21	4.7
WSR33	20210305	Cloudy	Moderate	Mid-Flood	S	3.60	9:22	9.24	8.43	28.44	20.58	2.38	4.1
WSR33	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:23	8.37	8.57	28.60	20.46	1.94	3.4
WSR33	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	9:23	9.88	8.66	28.68	20.38	2.14	4.4
WSR33	20210305	Cloudy	Moderate	Mid-Flood	B	6.20	9:21	9.86	8.43	28.43	20.56	2.07	4.2
WSR33	20210305	Cloudy	Moderate	Mid-Flood	B	6.20	9:21	8.40	8.50	29.68	20.29	2.12	3.8
WSR33	20210308	Cloudy	Moderate	Mid-Flood	S	3.85	13:24	9.50	8.43	29.60	22.60	2.95	3.6
WSR33	20210308	Cloudy	Moderate	Mid-Flood	S	3.85	13:24	8.38	8.29	29.49	22.56	2.64	3.0
WSR33	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:25	8.45	8.51	29.48	22.58	3.15	3.0

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	13:25	9.21	8.52	29.93	22.57	2.96	2.7
WSR33	20210308	Cloudy	Moderate	Mid-Flood	B	6.70	13:23	9.29	8.50	30.16	22.48	2.11	3.4
WSR33	20210308	Cloudy	Moderate	Mid-Flood	B	6.70	13:23	9.01	8.36	30.08	22.61	2.48	3.1
WSR33	20210310	Cloudy	Moderate	Mid-Flood	S	3.70	15:54	10.14	8.34	31.58	21.99	2.68	2.7
WSR33	20210310	Cloudy	Moderate	Mid-Flood	S	3.70	15:54	9.44	8.45	31.06	22.36	2.74	2.9
WSR33	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:55	9.68	8.66	31.14	22.22	2.68	2.5
WSR33	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	15:55	9.47	8.63	31.41	22.16	3.02	2.5
WSR33	20210310	Cloudy	Moderate	Mid-Flood	B	6.40	15:53	10.62	8.45	30.61	22.11	2.56	2.9
WSR33	20210310	Cloudy	Moderate	Mid-Flood	B	6.40	15:53	10.19	8.44	31.73	22.00	2.35	2.5
WSR33	20210312	Cloudy	Moderate	Mid-Flood	S	3.50	17:19	9.58	8.47	30.49	24.99	2.07	3.3
WSR33	20210312	Cloudy	Moderate	Mid-Flood	S	3.50	17:19	9.20	8.39	30.45	24.74	2.45	4.3
WSR33	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:20	9.72	8.60	30.16	24.63	2.93	3.5
WSR33	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:20	9.18	8.36	30.46	24.64	2.98	2.5
WSR33	20210312	Cloudy	Moderate	Mid-Flood	B	6.00	17:18	8.80	8.60	30.20	24.68	2.50	2.6
WSR33	20210312	Cloudy	Moderate	Mid-Flood	B	6.00	17:18	9.23	8.26	30.07	24.90	2.68	4.8
WSR33	20210315	Cloudy	Moderate	Mid-Flood	S	3.75	9:48	8.94	8.32	30.48	23.56	2.44	2.5
WSR33	20210315	Cloudy	Moderate	Mid-Flood	S	3.75	9:48	9.32	8.58	30.33	23.46	2.13	2.6
WSR33	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:49	9.04	8.58	30.00	23.69	2.88	3.4
WSR33	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	9:49	9.77	8.44	30.73	23.78	2.48	4
WSR33	20210315	Cloudy	Moderate	Mid-Flood	B	6.50	9:47	9.44	8.36	30.41	23.60	2.40	3.4
WSR33	20210315	Cloudy	Moderate	Mid-Flood	B	6.50	9:47	8.91	8.27	29.78	23.59	2.14	3.1
WSR33	20210317	Cloudy	Moderate	Mid-Flood	S	3.55	9:44	9.29	8.49	30.97	24.09	2.39	2.5
WSR33	20210317	Cloudy	Moderate	Mid-Flood	S	3.55	9:44	9.85	8.30	31.40	24.02	2.18	2.7
WSR33	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.27	8.44	31.41	24.08	2.23	2.8
WSR33	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.76	8.29	30.95	23.78	2.65	3.1
WSR33	20210317	Cloudy	Moderate	Mid-Flood	B	6.10	9:43	8.56	8.25	31.57	23.76	2.25	3.9
WSR33	20210317	Cloudy	Moderate	Mid-Flood	B	6.10	9:43	9.36	8.47	31.64	24.10	2.62	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210319	Cloudy	Moderate	Mid-Flood	S	3.60	9:44	8.55	8.32	31.63	23.55	1.82	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Flood	S	3.60	9:44	8.95	8.46	30.67	23.40	1.97	2.7
WSR33	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.96	8.47	30.79	23.53	2.05	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	9:45	9.50	8.20	31.09	23.63	2.06	2.6
WSR33	20210319	Cloudy	Moderate	Mid-Flood	B	6.20	9:43	9.45	8.36	31.11	23.40	1.92	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Flood	B	6.20	9:43	9.47	8.42	30.70	23.50	1.89	2.7
WSR33	20210323	Cloudy	Moderate	Mid-Flood	S	3.60	9:38	10.71	8.43	30.68	20.71	2.59	3.8
WSR33	20210323	Cloudy	Moderate	Mid-Flood	S	3.60	9:38	9.35	8.55	30.39	20.85	2.86	3.0
WSR33	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	9.28	8.48	31.31	20.58	2.55	3.7
WSR33	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	8.82	8.46	30.61	20.73	2.51	4.0
WSR33	20210323	Cloudy	Moderate	Mid-Flood	B	6.20	9:37	9.71	8.36	31.32	20.56	2.18	3.7
WSR33	20210323	Cloudy	Moderate	Mid-Flood	B	6.20	9:37	10.21	8.46	30.59	20.56	2.33	3.3
WSR33	20210325	Cloudy	Moderate	Mid-Flood	S	3.55	15:24	9.54	8.70	30.98	26.64	1.94	4.7
WSR33	20210325	Cloudy	Moderate	Mid-Flood	S	3.55	15:24	10.57	8.66	30.98	26.50	2.13	4.6
WSR33	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:25	8.98	8.64	31.55	26.34	2.16	4.5
WSR33	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:25	10.01	8.61	30.60	26.70	2.17	6.1
WSR33	20210325	Cloudy	Moderate	Mid-Flood	B	6.10	15:23	9.05	8.50	31.48	26.55	2.37	4.3
WSR33	20210325	Cloudy	Moderate	Mid-Flood	B	6.10	15:23	10.28	8.44	31.28	26.34	2.38	4.6
WSR33	20210327	Sunny	Moderate	Mid-Flood	S	3.85	17:00	8.40	8.34	29.92	24.31	2.61	3.8
WSR33	20210327	Sunny	Moderate	Mid-Flood	S	3.85	17:00	9.17	8.38	29.78	24.66	2.23	6.9
WSR33	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:01	9.25	8.46	30.46	24.23	2.90	4.7
WSR33	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:01	8.20	8.57	30.33	24.48	2.58	4.9
WSR33	20210327	Sunny	Moderate	Mid-Flood	B	6.70	16:59	8.56	8.43	29.71	24.41	1.72	4.6
WSR33	20210327	Sunny	Moderate	Mid-Flood	B	6.70	16:59	8.89	8.30	30.42	24.14	1.58	3.7
WSR33	20210330	Sunny	Moderate	Mid-Flood	S	3.85	9:26	9.06	8.46	31.15	26.71	2.09	2.5
WSR33	20210330	Sunny	Moderate	Mid-Flood	S	3.85	9:26	8.85	8.35	31.23	26.62	2.33	2.5
WSR33	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:27	8.81	8.24	31.06	26.87	2.32	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:27	8.18	8.21	31.01	26.92	2.11	2.5
WSR33	20210330	Sunny	Moderate	Mid-Flood	B	6.70	9:25	8.53	8.25	31.18	26.41	2.00	2.5
WSR33	20210330	Sunny	Moderate	Mid-Flood	B	6.70	9:25	7.91	8.42	31.13	26.52	2.36	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Flood	S	3.25	8:34	10.14	8.28	27.16	20.46	2.16	2.8
WSR36	20210301	Cloudy	Moderate	Mid-Flood	S	3.25	8:34	9.10	8.47	27.22	20.30	1.84	4.4
WSR36	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:34	10.74	8.18	27.43	20.37	2.21	3.5
WSR36	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:34	10.85	8.37	26.93	20.47	2.79	5.1
WSR36	20210301	Cloudy	Moderate	Mid-Flood	B	5.50	8:33	9.29	8.19	26.70	20.23	1.59	2.8
WSR36	20210301	Cloudy	Moderate	Mid-Flood	B	5.50	8:33	8.82	8.23	26.72	20.36	1.69	2.9
WSR36	20210303	Cloudy	Moderate	Mid-Flood	S	3.80	8:33	9.26	8.17	31.29	19.88	2.60	3.8
WSR36	20210303	Cloudy	Moderate	Mid-Flood	S	3.80	8:33	9.52	8.48	31.15	19.95	2.29	3.7
WSR36	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:33	9.81	8.31	31.75	19.64	2.55	2.5
WSR36	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:33	9.72	8.34	31.75	19.92	2.34	2.5
WSR36	20210303	Cloudy	Moderate	Mid-Flood	B	6.60	8:32	9.08	8.46	31.60	19.91	1.92	2.5
WSR36	20210303	Cloudy	Moderate	Mid-Flood	B	6.60	8:32	8.70	8.18	31.36	19.74	1.98	3.0
WSR36	20210305	Cloudy	Moderate	Mid-Flood	S	3.25	8:56	9.96	8.58	28.45	20.25	2.46	4.4
WSR36	20210305	Cloudy	Moderate	Mid-Flood	S	3.25	8:56	9.90	8.56	28.84	20.51	2.26	3.9
WSR36	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:56	8.92	8.58	29.68	20.35	2.72	4.0
WSR36	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:56	8.73	8.64	28.62	20.28	2.45	4.6
WSR36	20210305	Cloudy	Moderate	Mid-Flood	B	5.50	8:55	9.46	8.59	29.79	20.40	2.25	3.1
WSR36	20210305	Cloudy	Moderate	Mid-Flood	B	5.50	8:55	8.65	8.70	29.11	20.27	1.90	3.6
WSR36	20210308	Cloudy	Moderate	Mid-Flood	S	3.40	12:58	9.12	8.48	29.41	22.43	2.69	4.0
WSR36	20210308	Cloudy	Moderate	Mid-Flood	S	3.40	12:58	8.18	8.46	30.42	22.39	2.33	3.5
WSR36	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:58	8.75	8.49	29.74	22.54	2.57	3.6
WSR36	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:58	8.45	8.49	30.67	22.57	2.61	3.2
WSR36	20210308	Cloudy	Moderate	Mid-Flood	B	5.80	12:57	8.45	8.57	29.85	22.66	2.72	3.5
WSR36	20210308	Cloudy	Moderate	Mid-Flood	B	5.80	12:57	9.80	8.27	29.89	22.77	2.36	4.1

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR36	20210310	Cloudy	Moderate	Mid-Flood	S	3.45	16:11	10.69	8.64	30.84	22.26	2.57	2.7
WSR36	20210310	Cloudy	Moderate	Mid-Flood	S	3.45	16:11	9.54	8.32	31.64	22.05	2.65	3.1
WSR36	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:11	10.35	8.65	31.46	22.19	2.49	2.8
WSR36	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:11	9.26	8.66	31.53	22.27	2.81	3.5
WSR36	20210310	Cloudy	Moderate	Mid-Flood	B	5.90	16:10	10.72	8.49	31.30	22.39	1.85	2.5
WSR36	20210310	Cloudy	Moderate	Mid-Flood	B	5.90	16:10	9.54	8.49	31.87	22.38	2.16	2.7
WSR36	20210312	Cloudy	Moderate	Mid-Flood	S	3.55	17:36	9.76	8.30	30.73	24.47	2.35	3.2
WSR36	20210312	Cloudy	Moderate	Mid-Flood	S	3.55	17:36	9.55	8.51	30.87	24.75	2.59	2.5
WSR36	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:36	9.25	8.27	30.74	24.58	2.36	2.5
WSR36	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:36	8.80	8.53	30.67	24.51	2.75	2.5
WSR36	20210312	Cloudy	Moderate	Mid-Flood	B	6.10	17:35	8.88	8.50	30.40	24.48	2.10	2.6
WSR36	20210312	Cloudy	Moderate	Mid-Flood	B	6.10	17:35	8.85	8.63	30.80	24.83	2.33	3.2
WSR36	20210315	Cloudy	Moderate	Mid-Flood	S	3.60	10:05	9.18	8.53	30.17	23.96	2.23	3
WSR36	20210315	Cloudy	Moderate	Mid-Flood	S	3.60	10:05	9.79	8.55	30.82	23.87	2.15	3.6
WSR36	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:05	8.91	8.38	30.38	23.63	2.34	3.9
WSR36	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:05	9.65	8.30	30.02	23.78	2.05	2.5
WSR36	20210315	Cloudy	Moderate	Mid-Flood	B	6.20	10:04	8.91	8.60	30.00	23.55	2.14	2.9
WSR36	20210315	Cloudy	Moderate	Mid-Flood	B	6.20	10:04	9.61	8.30	30.44	23.83	2.25	2.9
WSR36	20210317	Cloudy	Moderate	Mid-Flood	S	3.45	10:04	9.91	8.18	31.07	23.89	2.32	3.5
WSR36	20210317	Cloudy	Moderate	Mid-Flood	S	3.45	10:04	9.77	8.17	31.15	24.15	2.52	2.5
WSR36	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	9.47	8.24	30.90	23.85	2.50	2.6
WSR36	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	9.59	8.24	30.93	24.00	2.89	2.6
WSR36	20210317	Cloudy	Moderate	Mid-Flood	B	5.90	10:03	9.80	8.46	30.62	23.88	1.66	3.2
WSR36	20210317	Cloudy	Moderate	Mid-Flood	B	5.90	10:03	9.48	8.49	31.84	23.91	1.42	2.7
WSR36	20210319	Cloudy	Moderate	Mid-Flood	S	3.85	10:04	9.14	8.38	31.49	23.69	2.09	2.5
WSR36	20210319	Cloudy	Moderate	Mid-Flood	S	3.85	10:04	9.00	8.19	31.25	23.68	2.35	2.6
WSR36	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	9.98	8.31	31.43	23.75	2.37	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR36	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:04	9.04	8.49	31.47	23.50	2.46	2.5
WSR36	20210319	Cloudy	Moderate	Mid-Flood	B	6.70	10:03	9.08	8.22	31.36	23.67	2.12	2.7
WSR36	20210319	Cloudy	Moderate	Mid-Flood	B	6.70	10:03	8.53	8.47	31.84	23.51	2.12	2.9
WSR36	20210323	Cloudy	Moderate	Mid-Flood	S	3.40	9:55	10.13	8.57	31.27	20.93	2.78	3.8
WSR36	20210323	Cloudy	Moderate	Mid-Flood	S	3.40	9:55	9.81	8.56	30.49	20.68	2.36	3.7
WSR36	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:55	10.06	8.57	31.29	20.92	2.49	3.8
WSR36	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	9:55	9.74	8.59	30.73	20.63	2.37	3.7
WSR36	20210323	Cloudy	Moderate	Mid-Flood	B	5.80	9:54	8.79	8.27	30.46	20.59	2.45	3.8
WSR36	20210323	Cloudy	Moderate	Mid-Flood	B	5.80	9:54	9.35	8.58	31.23	20.74	2.17	3.5
WSR36	20210325	Cloudy	Moderate	Mid-Flood	S	3.60	15:44	8.93	8.66	30.56	26.40	2.07	5.1
WSR36	20210325	Cloudy	Moderate	Mid-Flood	S	3.60	15:44	9.30	8.55	30.51	26.33	2.46	4.8
WSR36	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:44	10.01	8.55	30.36	26.32	2.76	6.5
WSR36	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	15:44	9.78	8.58	30.56	26.67	2.48	3.6
WSR36	20210325	Cloudy	Moderate	Mid-Flood	B	6.20	15:43	9.72	8.38	31.25	26.69	2.30	5.1
WSR36	20210325	Cloudy	Moderate	Mid-Flood	B	6.20	15:43	9.43	8.49	31.12	26.44	2.09	6.1
WSR36	20210327	Sunny	Moderate	Mid-Flood	S	3.45	17:17	8.21	8.55	30.10	24.06	2.66	5.2
WSR36	20210327	Sunny	Moderate	Mid-Flood	S	3.45	17:17	8.11	8.38	30.03	24.35	2.66	4.6
WSR36	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:17	8.51	8.36	29.80	24.38	2.86	5.0
WSR36	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:17	8.20	8.26	30.53	24.29	2.68	4.9
WSR36	20210327	Sunny	Moderate	Mid-Flood	B	5.90	17:16	8.91	8.27	29.72	24.21	1.94	3.0
WSR36	20210327	Sunny	Moderate	Mid-Flood	B	5.90	17:16	8.41	8.43	29.94	24.12	2.29	2.5
WSR36	20210330	Sunny	Moderate	Mid-Flood	S	3.70	9:42	8.94	8.34	31.07	26.92	2.09	2.5
WSR36	20210330	Sunny	Moderate	Mid-Flood	S	3.70	9:42	9.18	8.32	31.24	26.94	2.11	2.7
WSR36	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:42	8.79	8.40	31.05	26.92	2.69	2.5
WSR36	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:42	9.07	8.45	31.03	26.79	2.83	2.5
WSR36	20210330	Sunny	Moderate	Mid-Flood	B	6.40	9:41	8.75	8.30	31.26	26.65	1.96	2.5
WSR36	20210330	Sunny	Moderate	Mid-Flood	B	6.40	9:41	9.00	8.21	31.06	26.93	1.95	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210301	Cloudy	Moderate	Mid-Flood	S	4.10	8:12	9.86	8.32	27.41	20.34	2.07	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Flood	S	4.10	8:12	9.32	8.49	26.87	20.34	2.57	3.5
WSR37	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:13	10.85	8.29	26.75	20.34	2.84	3.5
WSR37	20210301	Cloudy	Moderate	Mid-Flood	S	1.00	8:13	10.40	8.40	27.04	20.28	2.23	3.0
WSR37	20210301	Cloudy	Moderate	Mid-Flood	B	7.20	8:11	10.07	8.25	26.85	20.25	1.54	4.2
WSR37	20210301	Cloudy	Moderate	Mid-Flood	B	7.20	8:11	8.97	8.45	27.17	20.40	2.23	4.5
WSR37	20210303	Cloudy	Moderate	Mid-Flood	S	3.85	8:11	9.76	8.23	30.92	19.72	1.80	4.0
WSR37	20210303	Cloudy	Moderate	Mid-Flood	S	3.85	8:11	9.40	8.42	31.80	19.74	1.82	3.9
WSR37	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:12	8.50	8.50	31.48	19.80	2.37	2.8
WSR37	20210303	Cloudy	Moderate	Mid-Flood	S	1.00	8:12	9.21	8.49	31.72	19.88	2.14	2.5
WSR37	20210303	Cloudy	Moderate	Mid-Flood	B	6.70	8:10	9.50	8.43	30.69	19.68	2.39	4.8
WSR37	20210303	Cloudy	Moderate	Mid-Flood	B	6.70	8:10	9.66	8.26	30.70	19.75	2.08	3.9
WSR37	20210305	Cloudy	Moderate	Mid-Flood	S	4.00	8:34	8.53	8.39	28.72	20.33	2.53	3.7
WSR37	20210305	Cloudy	Moderate	Mid-Flood	S	4.00	8:34	9.64	8.69	29.26	20.29	2.36	3.5
WSR37	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:35	9.86	8.55	29.24	20.41	2.60	4.4
WSR37	20210305	Cloudy	Moderate	Mid-Flood	S	1.00	8:35	9.20	8.63	28.55	20.42	2.55	4.7
WSR37	20210305	Cloudy	Moderate	Mid-Flood	B	7.00	8:33	9.78	8.65	29.25	20.18	1.81	3.9
WSR37	20210305	Cloudy	Moderate	Mid-Flood	B	7.00	8:33	9.84	8.59	29.67	20.20	1.78	5.1
WSR37	20210308	Cloudy	Moderate	Mid-Flood	S	4.10	12:36	9.40	8.34	29.34	22.50	2.69	3.9
WSR37	20210308	Cloudy	Moderate	Mid-Flood	S	4.10	12:36	9.80	8.55	30.43	22.46	2.51	3.8
WSR37	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:37	8.70	8.29	29.90	22.35	2.94	3.6
WSR37	20210308	Cloudy	Moderate	Mid-Flood	S	1.00	12:37	9.13	8.59	30.02	22.36	3.02	3.9
WSR37	20210308	Cloudy	Moderate	Mid-Flood	B	7.20	12:35	9.53	8.59	29.97	22.71	2.65	4.1
WSR37	20210308	Cloudy	Moderate	Mid-Flood	B	7.20	12:35	9.82	8.30	30.38	22.40	2.21	4.3
WSR37	20210310	Cloudy	Moderate	Mid-Flood	S	4.20	16:28	9.37	8.52	31.28	22.13	2.41	2.7
WSR37	20210310	Cloudy	Moderate	Mid-Flood	S	4.20	16:28	9.46	8.65	30.67	22.12	2.32	2.5
WSR37	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:29	10.74	8.62	30.68	21.98	2.71	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210310	Cloudy	Moderate	Mid-Flood	S	1.00	16:29	9.40	8.68	31.44	21.88	2.80	2.5
WSR37	20210310	Cloudy	Moderate	Mid-Flood	B	7.40	16:27	10.72	8.51	31.41	22.22	2.05	2.5
WSR37	20210310	Cloudy	Moderate	Mid-Flood	B	7.40	16:27	10.45	8.40	31.70	22.08	2.12	2.5
WSR37	20210312	Cloudy	Moderate	Mid-Flood	S	4.20	17:51	9.56	8.60	29.96	24.85	2.35	3.4
WSR37	20210312	Cloudy	Moderate	Mid-Flood	S	4.20	17:51	9.21	8.35	30.18	24.54	2.30	2.5
WSR37	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:52	9.66	8.46	30.53	24.46	2.56	3.6
WSR37	20210312	Cloudy	Moderate	Mid-Flood	S	1.00	17:52	9.33	8.60	30.21	24.48	2.79	3.4
WSR37	20210312	Cloudy	Moderate	Mid-Flood	B	7.40	17:50	9.35	8.25	30.52	24.54	2.32	3.1
WSR37	20210312	Cloudy	Moderate	Mid-Flood	B	7.40	17:50	9.57	8.37	30.42	24.44	2.04	3.5
WSR37	20210315	Cloudy	Moderate	Mid-Flood	S	4.00	10:24	9.70	8.46	30.61	23.64	2.61	3.2
WSR37	20210315	Cloudy	Moderate	Mid-Flood	S	4.00	10:24	9.60	8.59	30.35	23.96	2.29	2.5
WSR37	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:25	9.39	8.29	29.81	23.65	2.50	2.7
WSR37	20210315	Cloudy	Moderate	Mid-Flood	S	1.00	10:25	9.39	8.45	30.45	23.69	2.83	3.4
WSR37	20210315	Cloudy	Moderate	Mid-Flood	B	7.00	10:23	9.15	8.47	29.92	23.73	2.17	3.1
WSR37	20210315	Cloudy	Moderate	Mid-Flood	B	7.00	10:23	9.59	8.42	30.18	23.79	1.89	2.5
WSR37	20210317	Cloudy	Moderate	Mid-Flood	S	3.90	10:21	9.72	8.34	31.51	24.05	2.10	2.5
WSR37	20210317	Cloudy	Moderate	Mid-Flood	S	3.90	10:21	9.27	8.37	31.78	23.94	2.30	3.4
WSR37	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:22	9.23	8.33	30.69	23.89	2.41	3.3
WSR37	20210317	Cloudy	Moderate	Mid-Flood	S	1.00	10:22	9.10	8.36	31.10	24.24	2.59	3.5
WSR37	20210317	Cloudy	Moderate	Mid-Flood	B	6.80	10:20	8.89	8.23	30.59	23.89	2.16	2.7
WSR37	20210317	Cloudy	Moderate	Mid-Flood	B	6.80	10:20	8.59	8.42	30.70	24.12	2.29	3.7
WSR37	20210319	Cloudy	Moderate	Mid-Flood	S	4.40	10:24	9.49	8.49	30.73	23.61	1.82	3.0
WSR37	20210319	Cloudy	Moderate	Mid-Flood	S	4.40	10:24	9.23	8.37	31.72	23.85	1.61	2.7
WSR37	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:25	8.67	8.24	31.06	23.84	2.16	2.5
WSR37	20210319	Cloudy	Moderate	Mid-Flood	S	1.00	10:25	9.31	8.30	30.79	23.73	1.88	2.9
WSR37	20210319	Cloudy	Moderate	Mid-Flood	B	7.80	10:23	9.79	8.19	31.85	23.86	1.65	2.7
WSR37	20210319	Cloudy	Moderate	Mid-Flood	B	7.80	10:23	8.54	8.20	30.87	23.77	1.73	3.2

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210323	Cloudy	Moderate	Mid-Flood	S	4.40	10:15	10.60	8.31	30.26	20.87	2.87	3.2
WSR37	20210323	Cloudy	Moderate	Mid-Flood	S	4.40	10:15	10.17	8.47	30.26	20.65	2.91	4.1
WSR37	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	10:16	9.85	8.41	30.19	20.90	2.31	4.4
WSR37	20210323	Cloudy	Moderate	Mid-Flood	S	1.00	10:16	10.45	8.33	30.87	20.78	2.75	3.3
WSR37	20210323	Cloudy	Moderate	Mid-Flood	B	7.80	10:14	10.08	8.45	31.40	20.72	2.20	4.1
WSR37	20210323	Cloudy	Moderate	Mid-Flood	B	7.80	10:14	9.62	8.32	30.47	20.93	2.11	3.6
WSR37	20210325	Cloudy	Moderate	Mid-Flood	S	4.10	16:01	9.91	8.36	31.03	26.55	2.12	5.5
WSR37	20210325	Cloudy	Moderate	Mid-Flood	S	4.10	16:01	9.30	8.54	31.58	26.40	2.47	3.4
WSR37	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:02	9.33	8.66	30.84	26.34	2.84	7.9
WSR37	20210325	Cloudy	Moderate	Mid-Flood	S	1.00	16:02	9.12	8.41	31.35	26.41	2.52	6.0
WSR37	20210325	Cloudy	Moderate	Mid-Flood	B	7.20	16:00	10.24	8.53	30.73	26.44	2.07	5.1
WSR37	20210325	Cloudy	Moderate	Mid-Flood	B	7.20	16:00	9.39	8.55	31.30	26.44	1.92	3.7
WSR37	20210327	Sunny	Moderate	Mid-Flood	S	4.25	17:37	9.10	8.28	30.36	24.42	2.18	4.3
WSR37	20210327	Sunny	Moderate	Mid-Flood	S	4.25	17:37	8.56	8.45	30.14	24.14	2.19	3.2
WSR37	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:38	9.20	8.35	30.33	24.19	2.62	4.4
WSR37	20210327	Sunny	Moderate	Mid-Flood	S	1.00	17:38	9.36	8.56	30.54	24.09	2.19	7.8
WSR37	20210327	Sunny	Moderate	Mid-Flood	B	7.50	17:36	8.23	8.45	29.99	24.30	2.15	9.0
WSR37	20210327	Sunny	Moderate	Mid-Flood	B	7.50	17:36	8.97	8.33	30.48	24.42	2.10	6.0
WSR37	20210330	Sunny	Moderate	Mid-Flood	S	4.00	9:58	8.24	8.44	31.22	26.77	2.54	2.5
WSR37	20210330	Sunny	Moderate	Mid-Flood	S	4.00	9:58	8.69	8.40	31.03	26.81	2.80	2.5
WSR37	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:59	9.05	8.26	31.23	26.63	2.37	2.5
WSR37	20210330	Sunny	Moderate	Mid-Flood	S	1.00	9:59	8.94	8.28	31.00	26.71	2.43	2.5
WSR37	20210330	Sunny	Moderate	Mid-Flood	B	7.00	9:57	7.83	8.40	31.23	26.86	2.37	3.0
WSR37	20210330	Sunny	Moderate	Mid-Flood	B	7.00	9:57	9.15	8.34	31.17	26.64	2.33	2.5

Remark:

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210301	Cloudy	Moderate	Mid-Ebb	S	10.35	12:06	10.00	8.24	26.74	21.31	2.30	2.5
CE	20210301	Cloudy	Moderate	Mid-Ebb	S	10.35	12:06	10.22	8.36	26.93	21.32	2.16	2.5
CE	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:07	9.97	8.36	26.51	21.58	2.47	2.5
CE	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:07	9.85	8.37	26.58	21.50	2.39	2.5
CE	20210301	Cloudy	Moderate	Mid-Ebb	B	19.70	12:05	10.07	8.49	26.20	21.33	2.08	2.5
CE	20210301	Cloudy	Moderate	Mid-Ebb	B	19.70	12:05	9.29	8.30	26.98	21.40	2.42	2.5
CE	20210303	Cloudy	Moderate	Mid-Ebb	S	10.55	13:29	9.04	8.36	30.84	20.19	2.28	2.5
CE	20210303	Cloudy	Moderate	Mid-Ebb	S	10.55	13:29	9.40	8.21	30.80	19.97	2.23	2.5
CE	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:30	10.06	8.47	30.31	19.85	2.4	2.5
CE	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:30	9.29	8.46	31.28	20.01	2.87	2.5
CE	20210303	Cloudy	Moderate	Mid-Ebb	B	20.10	13:28	9.59	8.31	30.68	20.13	1.64	3.3
CE	20210303	Cloudy	Moderate	Mid-Ebb	B	20.10	13:28	9.30	8.31	30.79	20.24	1.63	2.5
CE	20210305	Cloudy	Moderate	Mid-Ebb	S	12.00	15:16	9.08	8.54	29.76	20.35	2.92	2.8
CE	20210305	Cloudy	Moderate	Mid-Ebb	S	12.00	15:16	8.80	8.61	29.59	20.64	2.91	3.2
CE	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:17	9.58	8.43	29.68	20.61	2.97	3.1
CE	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:17	9.14	8.52	30.13	20.62	3.07	3.5
CE	20210305	Cloudy	Moderate	Mid-Ebb	B	23.00	15:15	8.44	8.40	29.22	20.33	2.49	3.6
CE	20210305	Cloudy	Moderate	Mid-Ebb	B	23.00	15:15	9.74	8.52	29.49	20.70	2.53	3.6
CE	20210308	Cloudy	Moderate	Mid-Ebb	S	10.30	8:01	9.53	8.61	30.31	21.30	2.67	2.5
CE	20210308	Cloudy	Moderate	Mid-Ebb	S	10.30	8:01	9.56	8.52	30.30	21.70	2.90	2.5
CE	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:02	8.96	8.50	30.37	21.51	2.85	2.6
CE	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:02	9.78	8.36	30.12	21.45	2.53	2.5
CE	20210308	Cloudy	Moderate	Mid-Ebb	B	19.60	8:00	9.43	8.60	29.86	21.68	2.35	2.5
CE	20210308	Cloudy	Moderate	Mid-Ebb	B	19.60	8:00	8.56	8.27	29.96	21.69	2.09	2.5
CE	20210310	Cloudy	Moderate	Mid-Ebb	S	10.45	9:23	10.70	8.48	31.50	21.64	2.32	2.8
CE	20210310	Cloudy	Moderate	Mid-Ebb	S	10.45	9:23	10.42	8.32	30.59	21.57	2.50	3.2
CE	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	9:24	9.81	8.45	30.52	21.49	2.47	3.1

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	9:24	9.51	8.42	31.50	21.69	2.62	2.8
CE	20210310	Cloudy	Moderate	Mid-Ebb	B	19.90	9:22	9.90	8.48	30.47	21.53	2.55	3.4
CE	20210310	Cloudy	Moderate	Mid-Ebb	B	19.90	9:22	9.48	8.46	31.11	21.63	2.73	3.3
CE	20210312	Cloudy	Moderate	Mid-Ebb	S	10.15	10:31	9.37	8.43	30.34	24.39	2.47	3.4
CE	20210312	Cloudy	Moderate	Mid-Ebb	S	10.15	10:31	10.00	8.44	29.66	24.71	2.10	3.1
CE	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	10:32	9.68	8.61	29.61	24.32	2.35	3.2
CE	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	10:32	9.10	8.39	30.20	24.63	2.65	3.2
CE	20210312	Cloudy	Moderate	Mid-Ebb	B	19.30	10:30	10.11	8.56	30.00	24.35	1.87	3.7
CE	20210312	Cloudy	Moderate	Mid-Ebb	B	19.30	10:30	9.16	8.60	30.01	24.44	1.88	3.8
CE	20210315	Cloudy	Moderate	Mid-Ebb	S	10.05	12:01	9.94	8.40	31.23	24.59	2.97	4
CE	20210315	Cloudy	Moderate	Mid-Ebb	S	10.05	12:01	9.35	8.36	31.50	24.36	2.84	3.6
CE	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:02	10.08	8.41	31.25	24.65	2.85	2.7
CE	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:02	10.02	8.50	31.23	24.34	2.79	2.9
CE	20210315	Cloudy	Moderate	Mid-Ebb	B	19.10	12:00	9.12	8.64	30.04	24.54	3.18	3.1
CE	20210315	Cloudy	Moderate	Mid-Ebb	B	19.10	12:00	9.14	8.35	31.17	24.34	3.07	2.8
CE	20210317	Cloudy	Moderate	Mid-Ebb	S	11.60	13:09	9.59	8.32	30.81	24.90	2.1	3.2
CE	20210317	Cloudy	Moderate	Mid-Ebb	S	11.60	13:09	9.18	8.21	30.77	24.82	1.78	6.3
CE	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	13:10	9.21	8.44	30.60	25.01	2.77	3.2
CE	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	13:10	9.07	8.29	31.54	24.95	2.45	2.5
CE	20210317	Cloudy	Moderate	Mid-Ebb	B	22.20	13:08	10.16	8.48	31.46	24.99	2.25	2.5
CE	20210317	Cloudy	Moderate	Mid-Ebb	B	22.20	13:08	8.69	8.27	31.67	24.68	2.37	2.7
CE	20210319	Cloudy	Moderate	Mid-Ebb	S	10.15	13:58	9.18	8.31	31.19	24.50	2.08	2.7
CE	20210319	Cloudy	Moderate	Mid-Ebb	S	10.15	13:58	9.55	8.34	31.64	24.53	2.24	2.5
CE	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	13:59	9.62	8.46	31.19	24.67	2.39	2.5
CE	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	13:59	9.07	8.47	31.60	24.56	2.50	2.5
CE	20210319	Cloudy	Moderate	Mid-Ebb	B	19.30	13:57	9.39	8.24	30.33	24.64	1.82	2.5
CE	20210319	Cloudy	Moderate	Mid-Ebb	B	19.30	13:57	9.35	8.48	30.42	24.47	1.94	2.6

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CE	20210323	Cloudy	Moderate	Mid-Ebb	S	11.10	16:01	9.45	8.51	30.79	20.75	2.62	2.6
CE	20210323	Cloudy	Moderate	Mid-Ebb	S	11.10	16:01	9.03	8.60	31.34	20.68	2.59	2.5
CE	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:02	10.78	8.36	30.72	20.95	3.04	2.5
CE	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:02	9.09	8.38	30.69	20.78	3.23	2.7
CE	20210323	Cloudy	Moderate	Mid-Ebb	B	21.20	16:00	10.64	8.45	31.17	20.57	2.58	2.5
CE	20210323	Cloudy	Moderate	Mid-Ebb	B	21.20	16:00	10.58	8.63	30.53	20.83	2.65	2.8
CE	20210325	Cloudy	Moderate	Mid-Ebb	S	10.85	8:46	9.75	8.59	30.77	26.60	2.19	4.5
CE	20210325	Cloudy	Moderate	Mid-Ebb	S	10.85	8:46	8.95	8.34	31.60	26.42	2.54	4.7
CE	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	8:47	9.95	8.47	30.73	26.64	2.57	2.8
CE	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	8:47	9.78	8.53	30.48	26.33	2.42	3.5
CE	20210325	Cloudy	Moderate	Mid-Ebb	B	20.70	8:45	10.32	8.60	30.71	26.44	2.13	9.0
CE	20210325	Cloudy	Moderate	Mid-Ebb	B	20.70	8:45	9.13	8.29	31.01	26.58	2.02	3.7
CE	20210327	Sunny	Moderate	Mid-Ebb	S	11.40	9:55	8.13	8.24	30.08	24.56	2.66	3.3
CE	20210327	Sunny	Moderate	Mid-Ebb	S	11.40	9:55	8.49	8.27	30.22	24.61	2.42	3.1
CE	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	9:56	8.58	8.47	29.86	24.39	2.32	3.6
CE	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	9:56	8.55	8.45	30.72	24.50	2.47	3.0
CE	20210327	Sunny	Moderate	Mid-Ebb	B	21.80	9:54	8.95	8.28	30.53	24.52	2.19	3.2
CE	20210327	Sunny	Moderate	Mid-Ebb	B	21.80	9:54	8.66	8.43	30.10	24.48	2.42	4.8
CE	20210330	Sunny	Moderate	Mid-Ebb	S	11.35	12:04	7.56	8.38	31.29	27.24	2.03	4.0
CE	20210330	Sunny	Moderate	Mid-Ebb	S	11.35	12:04	8.32	8.28	31.72	27.42	2.31	3.6
CE	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:05	8.91	8.28	31.48	27.40	2.44	3.2
CE	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:05	9.00	8.29	31.28	27.49	2.71	2.5
CE	20210330	Sunny	Moderate	Mid-Ebb	B	21.70	12:03	7.79	8.31	31.45	27.43	2.13	3.1
CE	20210330	Sunny	Moderate	Mid-Ebb	B	21.70	12:03	7.89	8.44	31.60	27.28	2.01	2.9
CF	20210301	Cloudy	Moderate	Mid-Ebb	S	10.30	14:26	10.24	8.35	26.20	21.91	1.83	2.5
CF	20210301	Cloudy	Moderate	Mid-Ebb	S	10.30	14:26	10.18	8.23	26.98	22.02	2.05	2.5
CF	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	14:27	10.26	8.49	26.49	22.01	2.24	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	14:27	9.40	8.30	26.66	22.09	2.57	2.5
CF	20210301	Cloudy	Moderate	Mid-Ebb	B	19.60	14:25	9.84	8.29	26.53	21.94	2.25	2.5
CF	20210301	Cloudy	Moderate	Mid-Ebb	B	19.60	14:25	9.85	8.45	26.81	21.98	2.24	2.5
CF	20210303	Cloudy	Moderate	Mid-Ebb	S	10.45	15:49	9.40	8.48	30.59	19.91	2.34	3.6
CF	20210303	Cloudy	Moderate	Mid-Ebb	S	10.45	15:49	9.81	8.39	31.44	19.96	2.01	2.6
CF	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:50	8.58	8.49	31.43	19.97	2.53	2.6
CF	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:50	9.39	8.50	30.93	19.92	2.12	2.5
CF	20210303	Cloudy	Moderate	Mid-Ebb	B	19.90	15:48	10.08	8.22	31.43	20.03	1.84	2.8
CF	20210303	Cloudy	Moderate	Mid-Ebb	B	19.90	15:48	8.77	8.42	30.80	20.08	1.83	2.5
CF	20210305	Cloudy	Moderate	Mid-Ebb	S	10.40	17:36	8.36	8.37	29.14	20.34	3.10	3.7
CF	20210305	Cloudy	Moderate	Mid-Ebb	S	10.40	17:36	9.16	8.53	28.79	20.27	2.83	4.3
CF	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	17:37	9.37	8.38	29.68	20.56	2.93	4.1
CF	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	17:37	9.59	8.43	29.23	20.49	2.84	4.5
CF	20210305	Cloudy	Moderate	Mid-Ebb	B	19.80	17:35	8.59	8.37	29.19	20.31	2.87	4.1
CF	20210305	Cloudy	Moderate	Mid-Ebb	B	19.80	17:35	9.13	8.38	29.97	20.26	2.89	4.5
CF	20210308	Cloudy	Moderate	Mid-Ebb	S	10.05	10:21	8.41	8.59	29.87	21.76	2.18	2.5
CF	20210308	Cloudy	Moderate	Mid-Ebb	S	10.05	10:21	9.25	8.53	30.28	21.74	2.58	2.8
CF	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	10:22	9.71	8.28	29.79	21.94	2.91	2.5
CF	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	10:22	9.16	8.28	30.17	21.75	2.46	2.5
CF	20210308	Cloudy	Moderate	Mid-Ebb	B	19.10	10:20	9.59	8.38	29.68	21.63	2.08	2.8
CF	20210308	Cloudy	Moderate	Mid-Ebb	B	19.10	10:20	8.80	8.34	30.10	21.85	2.45	2.5
CF	20210310	Cloudy	Moderate	Mid-Ebb	S	10.50	12:22	9.88	8.35	30.86	22.39	2.26	3.2
CF	20210310	Cloudy	Moderate	Mid-Ebb	S	10.50	12:22	10.49	8.44	30.99	22.27	2.07	2.9
CF	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	12:23	9.50	8.22	30.90	22.08	2.70	3.5
CF	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	12:23	10.89	8.31	30.92	22.20	2.91	3.3
CF	20210310	Cloudy	Moderate	Mid-Ebb	B	20.00	12:21	9.98	8.44	31.34	22.28	2.63	3.6
CF	20210310	Cloudy	Moderate	Mid-Ebb	B	20.00	12:21	10.28	8.49	31.18	22.38	2.56	3.8

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210312	Cloudy	Moderate	Mid-Ebb	S	10.25	13:36	10.10	8.56	29.95	25.26	2.83	3.5
CF	20210312	Cloudy	Moderate	Mid-Ebb	S	10.25	13:36	10.11	8.30	30.36	25.14	2.98	3.4
CF	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	13:37	9.37	8.55	30.77	25.20	3.04	3.5
CF	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	13:37	10.01	8.23	30.64	25.00	2.82	3.3
CF	20210312	Cloudy	Moderate	Mid-Ebb	B	19.50	13:35	9.56	8.54	30.00	25.15	2.30	3.4
CF	20210312	Cloudy	Moderate	Mid-Ebb	B	19.50	13:35	9.70	8.39	29.60	25.08	2.09	4.5
CF	20210315	Cloudy	Moderate	Mid-Ebb	S	9.70	15:10	9.17	8.46	30.79	24.58	3.23	2.5
CF	20210315	Cloudy	Moderate	Mid-Ebb	S	9.70	15:10	9.21	8.46	30.38	24.71	3.19	2.6
CF	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	15:11	9.58	8.35	31.13	24.39	2.79	2.7
CF	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	15:11	8.73	8.47	31.31	24.42	2.96	2.9
CF	20210315	Cloudy	Moderate	Mid-Ebb	B	18.40	15:09	9.11	8.37	31.21	24.40	3.09	2.8
CF	20210315	Cloudy	Moderate	Mid-Ebb	B	18.40	15:09	9.13	8.35	31.62	24.61	3.22	3.6
CF	20210317	Cloudy	Moderate	Mid-Ebb	S	10.55	16:14	9.94	8.43	30.29	25.02	1.82	3.0
CF	20210317	Cloudy	Moderate	Mid-Ebb	S	10.55	16:14	9.02	8.42	31.47	24.71	2.02	2.7
CF	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	16:15	9.08	8.36	30.28	24.92	2.29	2.6
CF	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	16:15	9.77	8.26	31.47	24.90	2.59	3.4
CF	20210317	Cloudy	Moderate	Mid-Ebb	B	20.10	16:13	9.96	8.3	31.24	24.90	2.33	3.3
CF	20210317	Cloudy	Moderate	Mid-Ebb	B	20.10	16:13	9.41	8.29	31.62	24.74	2.69	2.6
CF	20210319	Cloudy	Moderate	Mid-Ebb	S	10.30	17:07	10.16	8.50	31.49	24.27	2.35	2.5
CF	20210319	Cloudy	Moderate	Mid-Ebb	S	10.30	17:07	10.14	8.26	30.89	24.34	2.06	2.6
CF	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	17:08	8.99	8.32	31.08	24.34	2.30	2.5
CF	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	17:08	8.85	8.22	31.34	24.19	2.19	2.5
CF	20210319	Cloudy	Moderate	Mid-Ebb	B	19.60	17:06	8.75	8.22	30.74	24.12	2.19	4.7
CF	20210319	Cloudy	Moderate	Mid-Ebb	B	19.60	17:06	9.71	8.51	31.68	24.29	2.11	2.5
CF	20210323	Cloudy	Moderate	Mid-Ebb	S	10.60	19:01	9.72	8.36	31.23	20.31	2.86	2.5
CF	20210323	Cloudy	Moderate	Mid-Ebb	S	10.60	19:01	9.42	8.36	31.42	20.38	2.83	2.5
CF	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	19:02	10.91	8.46	31.16	20.29	2.67	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
CF	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	19:02	11.01	8.41	31.16	20.45	2.86	4.1
CF	20210323	Cloudy	Moderate	Mid-Ebb	B	20.20	19:00	11.07	8.38	30.59	20.32	2.56	4.3
CF	20210323	Cloudy	Moderate	Mid-Ebb	B	20.20	19:00	9.50	8.63	31.38	20.40	2.67	2.8
CF	20210325	Cloudy	Moderate	Mid-Ebb	S	10.45	12:05	9.25	8.46	31.60	26.50	2.31	3.7
CF	20210325	Cloudy	Moderate	Mid-Ebb	S	10.45	12:05	9.46	8.62	30.59	26.59	1.97	3.5
CF	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	12:06	9.79	8.56	30.84	26.61	2.81	4.3
CF	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	12:06	10.21	8.29	30.61	26.52	2.38	3.8
CF	20210325	Cloudy	Moderate	Mid-Ebb	B	19.90	12:04	9.85	8.38	31.62	26.39	1.97	3.3
CF	20210325	Cloudy	Moderate	Mid-Ebb	B	19.90	12:04	9.30	8.45	31.42	26.40	2.02	3.6
CF	20210327	Sunny	Moderate	Mid-Ebb	S	10.55	13:05	8.87	8.38	30.42	24.94	2.50	2.7
CF	20210327	Sunny	Moderate	Mid-Ebb	S	10.55	13:05	8.34	8.39	29.28	24.72	2.66	2.5
CF	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	13:06	8.60	8.43	30.87	24.75	2.58	2.5
CF	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	13:06	8.66	8.28	30.26	24.85	2.32	2.9
CF	20210327	Sunny	Moderate	Mid-Ebb	B	20.10	13:04	8.59	8.36	30.89	24.99	1.97	3.0
CF	20210327	Sunny	Moderate	Mid-Ebb	B	20.10	13:04	8.35	8.51	30.17	24.88	2.17	3.2
CF	20210330	Sunny	Moderate	Mid-Ebb	S	10.55	15:03	8.02	8.20	31.84	27.66	2.20	2.5
CF	20210330	Sunny	Moderate	Mid-Ebb	S	10.55	15:03	7.89	8.42	31.36	28.08	2.56	3.2
CF	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	15:04	7.60	8.33	31.18	27.71	2.69	2.8
CF	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	15:04	8.91	8.47	31.97	28.01	2.40	2.5
CF	20210330	Sunny	Moderate	Mid-Ebb	B	20.10	15:02	7.93	8.44	31.77	27.84	2.30	2.5
CF	20210330	Sunny	Moderate	Mid-Ebb	B	20.10	15:02	7.65	8.29	31.74	27.98	2.30	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	S	4.60	13:36	9.80	8.41	26.57	21.91	2.34	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	S	4.60	13:36	9.45	8.38	26.67	21.84	2.50	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:37	10.98	8.24	26.64	21.95	2.20	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:37	8.97	8.22	26.72	21.83	2.37	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	B	8.20	13:35	10.61	8.40	26.80	21.93	1.75	2.5
WSR01	20210301	Cloudy	Moderate	Mid-Ebb	B	8.20	13:35	9.50	8.46	26.29	21.82	1.94	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	S	4.75	14:59	9.80	8.50	30.70	20.41	2.38	2.5
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	S	4.75	14:59	9.44	8.39	31.15	20.12	2.13	2.5
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:00	9.41	8.24	30.91	20.25	2.03	3.6
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:00	9.46	8.30	31.09	20.11	2.38	3.8
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	B	8.50	14:58	9.26	8.46	30.56	20.40	2.14	2.8
WSR01	20210303	Cloudy	Moderate	Mid-Ebb	B	8.50	14:58	9.56	8.28	30.37	20.31	1.82	3.4
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	S	4.35	16:46	9.71	8.39	30.02	20.51	1.88	4.3
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	S	4.35	16:46	8.57	8.47	29.18	20.30	2.13	4.3
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:47	8.96	8.49	29.16	20.48	2.11	4.4
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:47	9.15	8.38	29.94	20.39	2.50	4.0
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	B	7.70	16:45	8.91	8.46	29.02	20.33	1.51	4.9
WSR01	20210305	Cloudy	Moderate	Mid-Ebb	B	7.70	16:45	9.57	8.53	29.29	20.26	1.51	4.9
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	S	4.70	9:31	8.86	8.44	29.98	21.82	2.61	2.5
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	S	4.70	9:31	9.45	8.52	30.32	21.67	2.85	2.5
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:32	9.72	8.26	30.17	21.56	2.93	2.5
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:32	8.49	8.53	29.59	21.66	2.99	2.5
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	B	8.40	9:30	8.65	8.44	30.33	21.77	2.57	2.9
WSR01	20210308	Cloudy	Moderate	Mid-Ebb	B	8.40	9:30	9.74	8.44	29.60	21.65	2.53	2.5
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	S	4.40	11:56	10.40	8.27	31.42	22.05	2.62	3.4
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	S	4.40	11:56	10.53	8.26	30.19	22.25	2.69	3.0
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:57	9.42	8.36	30.73	22.18	2.69	2.5
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:57	9.42	8.35	30.97	22.31	3.08	2.6
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	B	7.80	11:55	9.42	8.37	30.79	22.33	2.35	2.7
WSR01	20210310	Cloudy	Moderate	Mid-Ebb	B	7.80	11:55	9.66	8.37	30.23	22.10	2.79	2.9
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	S	4.20	13:10	9.06	8.39	29.83	25.00	2.30	3.4
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	S	4.20	13:10	9.95	8.48	30.88	24.85	2.52	3.5
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	13:11	9.17	8.33	29.73	24.93	2.83	3.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	13:11	9.36	8.41	30.32	25.12	2.72	3.9
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	B	7.40	13:09	9.97	8.61	29.63	24.74	2.42	4.4
WSR01	20210312	Cloudy	Moderate	Mid-Ebb	B	7.40	13:09	9.40	8.40	29.89	24.98	2.59	3.6
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	S	4.25	14:44	10.04	8.38	31.21	24.55	1.82	2.8
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	S	4.25	14:44	10.09	8.29	31.47	24.53	2.09	3.6
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:45	9.32	8.44	30.53	24.67	2.61	3.1
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:45	9.69	8.38	30.65	24.72	2.46	2.7
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	B	7.50	14:43	9.79	8.42	31.09	24.73	2.00	2.7
WSR01	20210315	Cloudy	Moderate	Mid-Ebb	B	7.50	14:43	10.06	8.50	30.86	24.61	1.69	3.5
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	S	4.15	15:44	9.39	8.27	31.59	24.74	2.33	6.8
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	S	4.15	15:44	9.84	8.43	31.65	24.63	2.47	2.5
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:45	8.87	8.42	30.93	24.79	2.57	3.0
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:45	8.58	8.35	30.80	24.65	2.33	3.7
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	B	7.30	15:43	8.75	8.3	30.52	24.88	2.16	4.0
WSR01	20210317	Cloudy	Moderate	Mid-Ebb	B	7.30	15:43	9	8.37	30.91	25.01	2.02	3.1
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	S	4.15	16:41	8.58	8.28	30.64	24.25	1.90	2.5
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	S	4.15	16:41	8.66	8.30	31.52	24.33	2.02	2.6
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:42	9.23	8.36	31.10	24.38	1.94	2.5
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:42	8.93	8.37	31.46	24.15	2.14	2.5
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	B	7.30	16:40	9.79	8.48	30.70	24.33	1.89	2.5
WSR01	20210319	Cloudy	Moderate	Mid-Ebb	B	7.30	16:40	9.76	8.25	30.45	24.33	1.79	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	S	4.70	18:31	10.99	8.50	30.96	20.24	2.45	2.7
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	S	4.70	18:31	10.12	8.57	30.93	20.44	2.77	2.9
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	18:32	9.52	8.63	30.96	20.43	2.79	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	18:32	9.15	8.45	31.12	20.27	2.70	2.7
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	B	8.40	18:30	10.37	8.45	30.78	20.27	2.52	2.5
WSR01	20210323	Cloudy	Moderate	Mid-Ebb	B	8.40	18:30	9.42	8.57	30.71	20.30	2.28	2.7

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	S	4.75	11:39	9.91	8.32	30.59	26.43	1.85	3.7
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	S	4.75	11:39	10.09	8.43	30.53	26.39	2.05	4.4
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	11:40	9.94	8.33	31.45	26.38	2.38	3.5
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	11:40	9.12	8.51	30.89	26.53	2.62	3.2
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	B	8.50	11:38	9.19	8.58	31.70	26.62	1.94	3.4
WSR01	20210325	Cloudy	Moderate	Mid-Ebb	B	8.50	11:38	9.98	8.34	30.62	26.43	2.27	3.6
WSR01	20210327	Sunny	Moderate	Mid-Ebb	S	4.55	12:36	8.80	8.47	29.99	24.90	2.42	3.1
WSR01	20210327	Sunny	Moderate	Mid-Ebb	S	4.55	12:36	8.83	8.38	29.71	24.91	2.16	2.9
WSR01	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	12:37	8.21	8.24	29.74	25.09	2.59	3.7
WSR01	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	12:37	8.33	8.36	29.35	25.00	2.88	3.4
WSR01	20210327	Sunny	Moderate	Mid-Ebb	B	8.10	12:35	9.23	8.47	29.37	24.79	1.59	4.0
WSR01	20210327	Sunny	Moderate	Mid-Ebb	B	8.10	12:35	9.28	8.50	29.93	25.02	1.54	3.7
WSR01	20210330	Sunny	Moderate	Mid-Ebb	S	4.25	14:37	7.50	8.17	31.21	27.76	1.81	4.3
WSR01	20210330	Sunny	Moderate	Mid-Ebb	S	4.25	14:37	8.12	8.35	31.88	27.78	1.95	2.9
WSR01	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	14:38	7.96	8.38	31.53	27.76	2.71	2.9
WSR01	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	14:38	8.25	8.17	31.24	27.78	2.80	3.8
WSR01	20210330	Sunny	Moderate	Mid-Ebb	B	7.50	14:36	8.77	8.37	31.16	27.86	2.01	3.3
WSR01	20210330	Sunny	Moderate	Mid-Ebb	B	7.50	14:36	7.60	8.47	31.56	27.96	1.86	2.9
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	S	4.85	14:02	9.94	8.46	26.24	21.96	2.64	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	S	4.85	14:02	9.88	8.32	26.39	22.08	2.06	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	14:03	10.84	8.44	26.34	22.12	2.68	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	14:03	10.28	8.41	26.33	21.84	2.62	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	B	8.70	14:01	10.89	8.48	26.96	22.16	2.31	2.5
WSR02	20210301	Cloudy	Moderate	Mid-Ebb	B	8.70	14:01	10.49	8.50	26.20	21.98	2.09	2.5
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	S	4.85	15:29	9.01	8.46	30.56	20.18	2.59	2.5
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	S	4.85	15:29	9.23	8.30	30.44	19.99	2.45	4.5
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:30	8.88	8.22	31.08	19.92	2.51	4.6

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:30	9.06	8.24	30.77	20.09	2.61	3.2
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	B	8.70	15:28	8.67	8.35	30.78	20.04	2.27	3.6
WSR02	20210303	Cloudy	Moderate	Mid-Ebb	B	8.70	15:28	9.36	8.47	30.56	20.10	2.42	3.7
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	S	4.70	17:13	8.63	8.62	29.25	20.32	2.22	4.3
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	S	4.70	17:13	9.37	8.56	30.12	20.36	2.40	5.4
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	17:14	9.74	8.57	29.99	20.28	1.99	2.5
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	17:14	8.71	8.61	30.07	20.23	2.38	3.1
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	B	8.40	17:12	9.58	8.50	29.12	20.30	1.77	2.6
WSR02	20210305	Cloudy	Moderate	Mid-Ebb	B	8.40	17:12	9.57	8.41	28.91	20.29	1.51	3.3
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	S	4.85	10:02	8.74	8.27	30.18	21.75	2.79	2.6
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	S	4.85	10:02	9.13	8.61	30.07	21.56	2.57	2.5
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	10:03	9.75	8.61	29.83	21.79	3.09	2.7
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	10:03	8.08	8.38	29.72	21.78	2.69	2.6
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	B	8.70	10:01	9.41	8.52	30.53	21.71	2.61	2.5
WSR02	20210308	Cloudy	Moderate	Mid-Ebb	B	8.70	10:01	9.20	8.52	29.63	21.77	2.26	2.5
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	S	4.50	11:35	10.80	8.21	30.86	22.26	2.78	3.6
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	S	4.50	11:35	10.46	8.49	31.50	21.87	2.65	3.1
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:36	9.50	8.50	30.41	22.20	2.84	2.8
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:36	10.88	8.50	31.23	22.24	2.58	3.8
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	B	8.00	11:34	10.43	8.43	31.15	22.22	1.99	2.5
WSR02	20210310	Cloudy	Moderate	Mid-Ebb	B	8.00	11:34	10.28	8.50	31.17	21.90	2.34	3.8
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	S	4.95	12:48	9.68	8.55	30.04	25.01	2.10	4.1
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	S	4.95	12:48	9.35	8.56	29.81	24.80	2.26	3.0
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:49	9.58	8.41	30.21	25.05	2.80	3.9
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:49	9.64	8.50	30.07	24.83	2.80	3.8
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	B	8.90	12:47	10.02	8.61	30.59	24.96	2.15	3.7
WSR02	20210312	Cloudy	Moderate	Mid-Ebb	B	8.90	12:47	9.42	8.28	30.81	24.94	1.96	3.9

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	S	4.80	14:22	10.15	8.49	31.07	24.61	1.83	2.5
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	S	4.80	14:22	9.35	8.42	31.27	24.54	2.12	3.0
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:23	10.18	8.22	31.25	24.52	2.75	2.5
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:23	10.12	8.42	30.62	24.58	2.59	2.5
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	B	8.60	14:21	9.62	8.26	31.40	24.51	2.32	4.2
WSR02	20210315	Cloudy	Moderate	Mid-Ebb	B	8.60	14:21	8.60	8.48	31.61	24.63	2.35	3.6
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	S	4.90	15:24	10.1	8.51	31.62	25.13	2.6	3.7
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	S	4.90	15:24	9.55	8.34	31.60	24.78	2.7	3.6
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:25	9.88	8.4	30.68	24.85	2.78	2.6
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:25	8.87	8.34	30.97	24.78	2.6	2.5
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	B	8.80	15:23	9.46	8.28	30.92	25.01	1.9	2.5
WSR02	20210317	Cloudy	Moderate	Mid-Ebb	B	8.80	15:23	8.78	8.41	30.39	25.02	1.78	4.3
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	S	4.65	16:21	8.74	8.21	30.84	24.50	2.11	2.5
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	S	4.65	16:21	8.68	8.49	30.48	24.48	2.31	2.6
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:22	9.41	8.39	31.39	24.49	2.28	3.0
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:22	8.91	8.24	30.70	24.41	1.98	2.8
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	B	8.30	16:20	9.07	8.41	30.88	24.30	2.05	4.3
WSR02	20210319	Cloudy	Moderate	Mid-Ebb	B	8.30	16:20	8.64	8.26	30.64	24.46	2.05	3.0
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	S	4.85	18:10	10.33	8.54	30.58	20.63	2.96	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	S	4.85	18:10	10.65	8.54	31.30	20.67	2.94	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	18:11	10.79	8.38	31.07	20.61	3.00	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	18:11	9.34	8.46	30.78	20.64	2.55	2.6
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	B	8.70	18:09	10.21	8.46	30.86	20.36	2.21	2.5
WSR02	20210323	Cloudy	Moderate	Mid-Ebb	B	8.70	18:09	9.61	8.35	31.17	20.59	2.01	2.7
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	S	4.95	11:15	10.19	8.33	31.71	26.37	1.81	2.5
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	S	4.95	11:15	9.20	8.39	30.97	26.40	1.80	4.1
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	11:16	9.64	8.41	31.08	26.70	2.15	3.2

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	11:16	9.51	8.50	30.80	26.31	2.29	4.2
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	B	8.90	11:14	9.93	8.53	31.51	26.64	2.16	3.4
WSR02	20210325	Cloudy	Moderate	Mid-Ebb	B	8.90	11:14	9.97	8.29	31.61	26.30	2.38	2.8
WSR02	20210327	Sunny	Moderate	Mid-Ebb	S	4.65	12:15	8.80	8.43	30.49	24.99	2.32	2.9
WSR02	20210327	Sunny	Moderate	Mid-Ebb	S	4.65	12:15	8.32	8.33	29.82	24.60	2.19	5.0
WSR02	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	12:16	9.12	8.27	30.35	24.79	2.43	2.5
WSR02	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	12:16	8.21	8.36	30.00	24.98	2.81	3.8
WSR02	20210327	Sunny	Moderate	Mid-Ebb	B	8.30	12:14	8.08	8.21	30.21	24.58	1.92	3.3
WSR02	20210327	Sunny	Moderate	Mid-Ebb	B	8.30	12:14	9.29	8.49	30.92	24.96	1.92	4.5
WSR02	20210330	Sunny	Moderate	Mid-Ebb	S	4.65	14:16	8.12	8.45	31.86	27.78	2.10	2.9
WSR02	20210330	Sunny	Moderate	Mid-Ebb	S	4.65	14:16	8.65	8.24	31.23	27.81	2.41	2.5
WSR02	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	14:17	8.78	8.37	31.95	27.73	2.82	2.8
WSR02	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	14:17	8.10	8.34	31.34	27.83	2.52	2.5
WSR02	20210330	Sunny	Moderate	Mid-Ebb	B	8.30	14:15	8.82	8.36	31.21	27.97	2.29	2.5
WSR02	20210330	Sunny	Moderate	Mid-Ebb	B	8.30	14:15	7.55	8.22	31.13	27.60	2.07	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	S	4.00	13:41	10.04	8.45	26.95	21.91	2.17	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	S	4.00	13:41	10.00	8.33	26.47	22.08	2.61	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:42	10.23	8.27	26.29	21.96	2.13	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:42	10.27	8.43	26.58	21.89	2.68	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	B	7.00	13:40	9.85	8.30	26.44	21.88	2.26	2.5
WSR03	20210301	Cloudy	Moderate	Mid-Ebb	B	7.00	13:40	10.70	8.29	26.82	21.97	2.19	2.5
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	S	3.75	15:08	10.04	8.24	30.61	20.05	1.95	3.5
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	S	3.75	15:08	8.81	8.21	30.96	20.19	1.81	4.4
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:09	8.92	8.42	30.80	20.33	2.53	2.7
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	15:09	9.26	8.40	30.93	20.13	2.34	3.7
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	B	6.50	15:07	9.00	8.37	31.26	20.17	2.08	4.6
WSR03	20210303	Cloudy	Moderate	Mid-Ebb	B	6.50	15:07	9.11	8.31	30.42	20.29	1.83	4.0

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	S	4.25	16:52	9.35	8.39	29.89	20.39	2.05	3.2
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	S	4.25	16:52	9.07	8.61	28.69	20.54	1.71	2.8
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:53	8.40	8.44	28.73	20.22	2.16	3.0
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:53	8.70	8.49	29.77	20.28	2.39	2.7
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	B	7.50	16:51	8.29	8.43	29.51	20.48	1.72	2.8
WSR03	20210305	Cloudy	Moderate	Mid-Ebb	B	7.50	16:51	9.62	8.60	28.80	20.52	1.80	3.0
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	S	3.95	9:41	9.48	8.51	29.80	21.53	2.71	2.5
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	S	3.95	9:41	8.30	8.35	30.14	21.53	2.90	2.5
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:42	9.49	8.50	29.97	21.49	2.53	2.5
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:42	8.98	8.28	30.27	21.78	2.92	2.5
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	B	6.90	9:40	8.90	8.21	30.46	21.73	2.92	2.6
WSR03	20210308	Cloudy	Moderate	Mid-Ebb	B	6.90	9:40	8.69	8.40	30.13	21.68	2.52	3.5
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	S	3.90	11:17	10.62	8.45	30.61	21.87	2.87	3.6
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	S	3.90	11:17	10.11	8.23	30.47	21.93	2.67	3.0
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:18	9.92	8.24	30.64	21.88	2.25	2.5
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:18	10.51	8.28	30.53	22.00	2.63	3.3
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	B	6.80	11:16	10.08	8.34	30.34	21.90	2.58	3.2
WSR03	20210310	Cloudy	Moderate	Mid-Ebb	B	6.80	11:16	10.10	8.40	31.54	22.17	2.64	4.0
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	S	4.25	12:30	9.61	8.46	30.90	24.96	2.45	3.6
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	S	4.25	12:30	9.09	8.27	30.25	24.70	2.81	4.0
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:31	9.93	8.22	30.31	24.91	2.31	3.5
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:31	10.06	8.57	30.37	24.91	2.36	3.6
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	B	7.50	12:29	9.80	8.25	30.44	24.95	2.28	3.8
WSR03	20210312	Cloudy	Moderate	Mid-Ebb	B	7.50	12:29	9.11	8.25	30.52	24.87	2.40	3.6
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	S	4.10	14:03	9.88	8.29	30.69	24.60	2.61	2.8
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	S	4.10	14:03	9.26	8.30	30.60	24.72	2.29	3.3
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:04	9.74	8.30	31.53	24.74	2.43	2.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	14:04	9.80	8.35	31.10	24.80	2.69	3.5
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	B	7.20	14:02	8.93	8.50	30.43	24.90	1.89	3.1
WSR03	20210315	Cloudy	Moderate	Mid-Ebb	B	7.20	14:02	9.50	8.48	30.30	24.81	1.95	3.5
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	S	3.75	15:07	8.81	8.36	30.49	25.05	2.61	2.8
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	S	3.75	15:07	9.11	8.3	31.34	25.03	2.65	3.8
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:08	8.9	8.44	31.63	24.96	2.54	2.5
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	15:08	8.74	8.32	31.20	25.17	2.58	2.5
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	B	6.50	15:06	10.04	8.27	31.64	24.87	1.78	3.5
WSR03	20210317	Cloudy	Moderate	Mid-Ebb	B	6.50	15:06	9.33	8.23	31.40	24.81	1.68	3.1
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	S	4.20	16:04	8.81	8.44	31.17	24.42	2.38	3.8
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	S	4.20	16:04	8.89	8.31	31.59	24.44	2.03	2.5
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:05	10.01	8.39	30.79	24.34	2.53	2.5
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	16:05	9.47	8.48	30.92	24.52	2.29	2.8
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	B	7.40	16:03	9.19	8.51	31.36	24.54	1.81	3.2
WSR03	20210319	Cloudy	Moderate	Mid-Ebb	B	7.40	16:03	9.24	8.36	31.18	24.33	1.90	2.9
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	S	3.80	17:49	10.42	8.57	30.53	20.56	2.52	2.8
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	S	3.80	17:49	9.11	8.51	31.49	20.50	2.30	2.9
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:50	10.02	8.39	31.30	20.66	2.54	2.8
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:50	10.76	8.42	30.76	20.59	2.77	2.5
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	B	6.60	17:48	9.43	8.39	30.99	20.40	2.65	2.5
WSR03	20210323	Cloudy	Moderate	Mid-Ebb	B	6.60	17:48	10.10	8.37	31.41	20.48	2.52	2.6
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	S	4.20	10:57	9.89	8.32	31.68	26.71	2.36	3.5
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	S	4.20	10:57	9.48	8.36	31.54	26.59	2.31	3.1
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:58	9.38	8.53	31.50	26.66	2.88	3.5
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:58	9.46	8.31	30.54	26.35	2.55	4.5
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	B	7.40	10:56	9.69	8.45	31.19	26.32	1.95	3.7
WSR03	20210325	Cloudy	Moderate	Mid-Ebb	B	7.40	10:56	9.42	8.40	31.26	26.38	1.81	3.4

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR03	20210327	Sunny	Moderate	Mid-Ebb	S	4.05	11:55	8.84	8.23	29.30	24.82	2.56	2.9
WSR03	20210327	Sunny	Moderate	Mid-Ebb	S	4.05	11:55	9.38	8.25	29.50	24.57	2.50	3.2
WSR03	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:56	8.21	8.28	29.88	24.64	2.35	4.7
WSR03	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:56	9.33	8.27	30.64	24.63	2.70	3.6
WSR03	20210327	Sunny	Moderate	Mid-Ebb	B	7.10	11:54	9.29	8.51	30.56	24.61	2.00	4.3
WSR03	20210327	Sunny	Moderate	Mid-Ebb	B	7.10	11:54	8.31	8.32	29.87	24.76	2.19	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	S	4.05	13:58	8.14	8.34	31.13	27.70	2.52	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	S	4.05	13:58	7.97	8.38	31.27	27.56	2.22	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:59	7.66	8.39	31.19	27.66	2.31	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:59	8.84	8.41	31.84	27.92	2.35	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	B	7.10	13:57	8.25	8.21	31.79	27.90	1.75	2.5
WSR03	20210330	Sunny	Moderate	Mid-Ebb	B	7.10	13:57	8.73	8.43	31.34	27.96	1.85	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	S	3.85	13:22	10.07	8.23	26.31	21.80	2.44	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	S	3.85	13:22	10.21	8.50	26.42	21.78	2.03	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:23	10.74	8.23	26.41	21.74	2.47	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	13:23	10.71	8.50	26.32	21.70	2.86	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	B	6.70	13:21	9.42	8.44	26.98	21.73	1.72	2.5
WSR04	20210301	Cloudy	Moderate	Mid-Ebb	B	6.70	13:21	9.70	8.24	26.75	21.93	2.18	2.5
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	S	3.40	14:47	8.62	8.47	30.59	20.24	2.07	3.6
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	S	3.40	14:47	9.90	8.47	31.53	20.21	1.85	3.4
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:48	8.85	8.31	30.53	20.10	2.14	3.8
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:48	8.59	8.28	31.58	20.23	2.4	4.1
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	B	5.80	14:46	9.27	8.30	30.79	20.21	2.42	2.5
WSR04	20210303	Cloudy	Moderate	Mid-Ebb	B	5.80	14:46	9.81	8.46	30.93	20.23	2.12	3.1
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	S	3.45	16:33	9.34	8.60	28.92	20.52	2.10	2.6
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	S	3.45	16:33	9.21	8.37	29.12	20.35	1.98	3.7
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:34	8.68	8.42	29.50	20.53	1.96	3.3

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:34	9.18	8.41	29.23	20.60	1.93	2.5
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	B	5.90	16:32	8.45	8.56	29.83	20.27	1.67	2.5
WSR04	20210305	Cloudy	Moderate	Mid-Ebb	B	5.90	16:32	9.12	8.50	30.16	20.40	1.49	2.8
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	S	3.35	9:22	9.24	8.61	30.11	21.65	2.29	2.8
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	S	3.35	9:22	9.59	8.55	30.48	21.72	2.66	3.1
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:23	8.59	8.59	30.29	21.36	3.10	2.5
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	9:23	9.21	8.59	30.51	21.63	3.02	3.3
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	B	5.70	9:21	9.72	8.38	29.93	21.70	2.09	3.0
WSR04	20210308	Cloudy	Moderate	Mid-Ebb	B	5.70	9:21	8.60	8.58	29.79	21.65	1.82	4.5
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	S	3.45	11:02	10.00	8.43	30.90	22.03	2.83	3.1
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	S	3.45	11:02	10.30	8.27	30.34	22.01	2.60	2.5
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:03	10.27	8.31	31.22	21.92	2.86	3.4
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	11:03	10.82	8.27	30.31	22.02	2.47	3.5
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	B	5.90	11:01	10.73	8.24	31.06	21.79	2.39	3.6
WSR04	20210310	Cloudy	Moderate	Mid-Ebb	B	5.90	11:01	9.40	8.33	30.88	22.09	2.11	4.3
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	S	3.40	12:12	10.12	8.38	30.12	24.68	2.50	4.0
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	S	3.40	12:12	9.05	8.56	30.51	24.67	2.18	4.3
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:13	9.05	8.24	30.61	24.79	2.90	3.6
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	12:13	9.75	8.57	29.84	24.70	2.42	3.9
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	B	5.80	12:11	8.99	8.46	30.69	24.69	2.11	3.6
WSR04	20210312	Cloudy	Moderate	Mid-Ebb	B	5.80	12:11	9.09	8.28	29.99	24.61	1.95	2.5
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	S	3.55	13:48	9.11	8.49	30.94	24.78	1.79	3.1
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	S	3.55	13:48	8.93	8.35	31.61	24.44	2.02	3.7
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:49	10.04	8.37	31.48	24.77	2.61	2.5
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:49	8.60	8.27	30.91	24.66	2.54	2.7
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	B	6.10	13:47	8.75	8.30	30.30	24.45	2.23	2.5
WSR04	20210315	Cloudy	Moderate	Mid-Ebb	B	6.10	13:47	8.68	8.47	31.27	24.74	2.16	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	S	3.90	14:52	8.95	8.26	30.57	25.34	2.29	3.1
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	S	3.90	14:52	10.05	8.5	31.21	24.94	2.29	4.2
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:53	9.77	8.51	30.98	24.94	2.55	3.2
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:53	9.01	8.51	30.50	25.07	2.87	4.0
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	B	6.80	14:51	8.99	8.37	30.65	25.18	2.01	3.4
WSR04	20210317	Cloudy	Moderate	Mid-Ebb	B	6.80	14:51	10.19	8.45	30.56	25.08	2.4	3.2
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	S	3.70	15:47	8.88	8.29	30.32	24.42	2.06	2.7
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	S	3.70	15:47	8.96	8.39	31.51	24.40	2.34	3.2
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:48	8.80	8.32	31.17	24.52	2.26	2.9
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:48	8.86	8.31	30.82	24.50	2.34	4.0
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	B	6.40	15:46	8.70	8.41	30.45	24.37	2.21	2.8
WSR04	20210319	Cloudy	Moderate	Mid-Ebb	B	6.40	15:46	9.21	8.51	30.55	24.51	1.97	2.8
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	S	3.40	17:34	10.75	8.38	30.99	20.86	2.82	2.8
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	S	3.40	17:34	9.13	8.51	31.10	20.70	2.58	2.6
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:35	9.58	8.58	30.56	20.71	2.74	2.8
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:35	9.04	8.46	30.71	20.80	2.45	2.5
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	B	5.80	17:33	10.59	8.59	31.31	20.82	2.41	2.5
WSR04	20210323	Cloudy	Moderate	Mid-Ebb	B	5.80	17:33	9.50	8.49	30.82	20.61	2.56	2.5
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	S	3.65	10:40	9.91	8.39	30.53	26.43	2.25	3.0
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	S	3.65	10:40	9.59	8.30	30.62	26.57	2.56	3.5
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:41	10.07	8.57	30.70	26.60	2.46	3.8
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:41	9.58	8.53	30.55	26.56	2.72	3.9
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	B	6.30	10:39	9.16	8.31	31.67	26.38	1.82	4.2
WSR04	20210325	Cloudy	Moderate	Mid-Ebb	B	6.30	10:39	9.69	8.46	31.59	26.60	1.91	5.1
WSR04	20210327	Sunny	Moderate	Mid-Ebb	S	3.75	11:40	9.08	8.44	29.66	24.56	2.31	2.5
WSR04	20210327	Sunny	Moderate	Mid-Ebb	S	3.75	11:40	8.52	8.21	29.31	24.87	2.65	2.5
WSR04	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:41	8.53	8.48	29.68	24.80	2.67	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR04	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:41	8.82	8.37	30.62	24.56	2.86	2.5
WSR04	20210327	Sunny	Moderate	Mid-Ebb	B	6.50	11:39	9.41	8.46	29.87	24.65	1.74	2.5
WSR04	20210327	Sunny	Moderate	Mid-Ebb	B	6.50	11:39	8.31	8.48	29.58	24.91	1.69	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	S	3.85	13:43	7.54	8.25	31.39	27.56	2.08	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	S	3.85	13:43	8.20	8.43	31.70	27.57	2.25	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:44	8.51	8.48	31.73	27.89	2.52	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:44	7.95	8.39	31.79	27.61	2.83	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	B	6.70	13:42	7.63	8.29	31.94	27.89	2.31	2.5
WSR04	20210330	Sunny	Moderate	Mid-Ebb	B	6.70	13:42	8.15	8.28	31.71	27.68	2.03	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	S	8.40	12:53	10.38	8.25	26.28	21.53	2.61	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	S	8.40	12:53	10.94	8.31	26.39	21.65	1.98	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:54	9.63	8.30	26.71	21.62	2.14	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:54	10.87	8.48	26.85	21.53	2.88	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	B	15.80	12:52	10.95	8.49	26.90	21.55	1.84	2.5
WSR16	20210301	Cloudy	Moderate	Mid-Ebb	B	15.80	12:52	10.83	8.51	26.22	21.66	1.66	2.5
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	S	7.90	14:16	9.54	8.24	30.64	20.19	1.48	3.0
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	S	7.90	14:16	10.19	8.50	30.74	20.05	1.76	2.9
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:17	9.83	8.36	30.68	20.04	1.85	3.1
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:17	9.46	8.31	31.28	20.33	2.15	3.0
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	B	14.80	14:15	9.28	8.27	30.36	20.21	1.59	2.9
WSR16	20210303	Cloudy	Moderate	Mid-Ebb	B	14.80	14:15	10.14	8.27	31.23	20.25	1.64	3.1
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	S	8.25	16:03	9.37	8.48	28.78	20.45	2.33	2.9
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	S	8.25	16:03	8.42	8.50	29.16	20.67	2.13	2.6
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:04	9.79	8.36	29.20	20.68	2.24	3.1
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:04	9.36	8.36	29.95	20.75	2.03	3.1
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	B	15.50	16:02	9.38	8.56	30.04	20.58	1.47	3.2
WSR16	20210305	Cloudy	Moderate	Mid-Ebb	B	15.50	16:02	9.44	8.38	28.87	20.42	1.66	3.7

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	S	8.45	8:48	9.24	8.49	30.22	21.50	2.86	2.9
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	S	8.45	8:48	9.47	8.27	29.61	21.59	2.68	2.5
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:49	8.20	8.48	29.94	21.54	2.81	3.7
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:49	9.22	8.27	29.75	21.63	2.50	4.7
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	B	15.90	8:47	9.37	8.49	29.70	21.58	2.56	2.8
WSR16	20210308	Cloudy	Moderate	Mid-Ebb	B	15.90	8:47	9.39	8.55	30.08	21.76	2.19	2.9
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	S	8.25	9:48	9.80	8.22	30.28	21.58	2.18	3.4
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	S	8.25	9:48	9.48	8.47	31.15	21.56	2.54	3.6
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	9:49	10.19	8.24	30.40	21.74	2.77	2.7
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	9:49	10.26	8.43	30.73	21.84	3.12	3.2
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	B	15.50	9:47	9.61	8.46	30.99	21.62	2.00	3.4
WSR16	20210310	Cloudy	Moderate	Mid-Ebb	B	15.50	9:47	9.90	8.21	31.47	21.63	1.93	3.5
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	S	8.00	10:56	9.98	8.36	29.72	24.79	2.56	3.2
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	S	8.00	10:56	9.61	8.43	30.37	24.73	2.19	3.9
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	10:57	9.68	8.38	30.16	24.64	2.91	3.7
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	10:57	9.13	8.31	29.65	24.67	2.62	4.0
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	B	15.00	10:55	8.98	8.49	30.18	24.41	2.32	4.2
WSR16	20210312	Cloudy	Moderate	Mid-Ebb	B	15.00	10:55	9.80	8.60	30.52	24.71	2.05	3.1
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	S	8.05	12:28	9.36	8.43	30.51	24.28	1.90	2.5
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	S	8.05	12:28	9.30	8.27	31.20	24.22	2.26	4.0
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:29	8.60	8.35	31.23	24.32	2.17	3.5
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:29	9.77	8.25	31.25	24.24	2.53	4.0
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	B	15.10	12:27	9.40	8.44	31.27	24.25	1.83	3.0
WSR16	20210315	Cloudy	Moderate	Mid-Ebb	B	15.10	12:27	10.16	8.35	31.56	24.59	2.04	4.9
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	S	7.70	13:35	8.87	8.36	31.62	24.73	2.01	7.6
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	S	7.70	13:35	9.21	8.4	31.64	24.83	2.22	4.7
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	13:36	9.05	8.27	30.65	24.77	2.45	4.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	13:36	10.17	8.24	31.44	25.07	2.88	2.5
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	B	14.40	13:34	9.19	8.4	31.42	25.03	2.56	5.4
WSR16	20210317	Cloudy	Moderate	Mid-Ebb	B	14.40	13:34	9.91	8.25	31.53	24.88	2.15	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	S	8.05	14:29	9.98	8.23	31.39	24.78	2.09	3.1
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	S	8.05	14:29	10.15	8.37	30.72	24.67	1.82	2.9
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	14:30	9.06	8.38	31.48	24.69	2.70	2.6
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	14:30	9.15	8.24	31.33	24.67	2.57	2.5
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	B	15.10	14:28	8.84	8.30	30.89	24.44	1.67	3.3
WSR16	20210319	Cloudy	Moderate	Mid-Ebb	B	15.10	14:28	9.89	8.33	31.68	24.62	1.95	2.9
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	S	7.65	16:29	9.12	8.39	30.81	20.53	2.87	2.5
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	S	7.65	16:29	9.08	8.48	30.93	20.64	2.57	2.5
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:30	9.90	8.38	30.53	20.67	2.63	2.7
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:30	9.69	8.45	31.47	20.82	3.03	3.2
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	B	14.30	16:28	9.95	8.48	30.95	20.67	2.72	2.6
WSR16	20210323	Cloudy	Moderate	Mid-Ebb	B	14.30	16:28	10.37	8.39	31.50	20.71	2.31	4.2
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	S	8.15	9:13	10.05	8.60	31.30	26.67	2.22	4.1
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	S	8.15	9:13	10.23	8.29	31.66	26.47	2.63	5.2
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	9:14	9.26	8.41	31.61	26.40	2.54	5.7
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	9:14	9.32	8.37	31.47	26.51	2.83	4.2
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	B	15.30	9:12	9.51	8.39	31.25	26.67	2.01	6.0
WSR16	20210325	Cloudy	Moderate	Mid-Ebb	B	15.30	9:12	10.07	8.54	30.54	26.36	1.87	5.0
WSR16	20210327	Sunny	Moderate	Mid-Ebb	S	7.70	10:22	8.37	8.31	29.83	24.38	2.46	2.5
WSR16	20210327	Sunny	Moderate	Mid-Ebb	S	7.70	10:22	8.93	8.43	29.30	24.78	2.09	2.5
WSR16	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	10:23	9.07	8.26	30.04	24.78	2.61	2.5
WSR16	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	10:23	9.40	8.35	30.40	24.46	2.62	2.5
WSR16	20210327	Sunny	Moderate	Mid-Ebb	B	14.40	10:21	8.64	8.42	29.70	24.77	1.85	2.5
WSR16	20210327	Sunny	Moderate	Mid-Ebb	B	14.40	10:21	8.25	8.36	29.88	24.54	2.08	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR16	20210330	Sunny	Moderate	Mid-Ebb	S	8.10	12:29	7.97	8.19	31.34	27.43	2.34	2.5
WSR16	20210330	Sunny	Moderate	Mid-Ebb	S	8.10	12:29	7.54	8.28	31.36	27.45	2.08	2.5
WSR16	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:30	8.67	8.26	31.71	27.29	2.32	2.5
WSR16	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:30	7.62	8.18	31.53	27.39	2.37	2.5
WSR16	20210330	Sunny	Moderate	Mid-Ebb	B	15.20	12:28	7.87	8.18	31.41	27.26	2.04	2.5
WSR16	20210330	Sunny	Moderate	Mid-Ebb	B	15.20	12:28	8.25	8.30	31.52	27.43	2.35	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	S	3.70	12:56	9.41	8.35	26.87	21.70	2.47	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	S	3.70	12:56	9.48	8.33	26.19	21.63	2.18	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:57	9.41	8.34	26.58	21.51	2.48	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:57	9.84	8.21	26.62	21.51	2.31	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	B	6.40	12:55	10.65	8.31	26.93	21.45	2.25	2.5
WSR33	20210301	Cloudy	Moderate	Mid-Ebb	B	6.40	12:55	10.85	8.24	26.69	21.61	2.20	2.5
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	S	3.75	14:21	9.88	8.26	30.34	20.15	1.9	3.4
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	S	3.75	14:21	8.82	8.33	30.93	20.16	1.63	2.5
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:22	8.71	8.47	31.32	20.33	2.6	3.9
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	14:22	9.96	8.25	31.02	20.24	2.81	2.6
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	B	6.50	14:20	9.33	8.25	30.97	20.18	2.17	3.2
WSR33	20210303	Cloudy	Moderate	Mid-Ebb	B	6.50	14:20	10.14	8.32	30.84	20.34	2.32	2.9
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	S	3.85	16:07	8.38	8.58	28.74	20.38	2.00	3.6
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	S	3.85	16:07	9.70	8.37	28.94	20.58	2.13	2.7
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:08	9.10	8.43	28.93	20.77	2.37	2.7
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	16:08	9.35	8.50	29.54	20.73	2.05	2.5
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	B	6.70	16:06	9.48	8.59	30.06	20.49	1.81	2.5
WSR33	20210305	Cloudy	Moderate	Mid-Ebb	B	6.70	16:06	9.31	8.48	29.24	20.74	1.77	3.1
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	S	3.75	8:56	8.72	8.25	29.76	21.55	2.76	3.3
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	S	3.75	8:56	8.10	8.52	29.70	21.58	2.56	4.0
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:57	8.33	8.42	30.02	21.50	2.91	4.3

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:57	8.40	8.34	29.96	21.58	2.91	4.0
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	B	6.50	8:55	8.94	8.46	29.67	21.73	2.09	3.2
WSR33	20210308	Cloudy	Moderate	Mid-Ebb	B	6.50	8:55	8.71	8.22	30.42	21.38	2.43	3.9
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	S	3.65	10:45	10.76	8.50	30.97	21.90	2.26	3.4
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	S	3.65	10:45	9.56	8.27	30.64	21.92	2.37	3.4
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:46	10.16	8.45	31.26	21.98	2.78	3.8
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:46	9.76	8.40	30.72	21.97	2.36	3.5
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	B	6.30	10:44	10.88	8.43	31.14	21.93	2.43	3.3
WSR33	20210310	Cloudy	Moderate	Mid-Ebb	B	6.30	10:44	9.39	8.38	31.45	21.87	2.23	3.1
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	S	3.60	11:55	9.11	8.29	30.05	24.75	2.19	3.9
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	S	3.60	11:55	10.11	8.38	30.27	24.50	2.57	4.1
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:56	9.88	8.52	29.72	24.61	2.47	3.9
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:56	9.44	8.37	30.34	24.72	2.74	4.0
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	B	6.20	11:54	9.30	8.26	29.87	24.50	2.13	3.8
WSR33	20210312	Cloudy	Moderate	Mid-Ebb	B	6.20	11:54	9.83	8.60	30.64	24.59	2.42	4.0
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	S	3.70	13:28	9.10	8.28	31.64	24.51	2.43	3.5
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	S	3.70	13:28	9.93	8.29	30.92	24.51	2.59	3.4
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:29	8.80	8.46	31.24	24.61	2.83	2.5
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:29	8.77	8.29	30.37	24.48	2.63	3.7
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	B	6.40	13:27	9.23	8.39	30.98	24.57	2.28	3.0
WSR33	20210315	Cloudy	Moderate	Mid-Ebb	B	6.40	13:27	9.20	8.25	30.74	24.56	2.19	3.4
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	S	3.75	14:32	9.93	8.45	31.63	24.89	2.46	2.6
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	S	3.75	14:32	8.87	8.33	30.62	24.97	2.45	3.8
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:33	8.85	8.46	30.29	25.18	2.05	2.5
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:33	10.04	8.41	30.85	24.89	2.35	2.7
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	B	6.50	14:31	8.97	8.33	30.76	25.15	1.71	3.0
WSR33	20210317	Cloudy	Moderate	Mid-Ebb	B	6.50	14:31	9.43	8.22	31.61	24.89	1.43	2.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	S	3.80	15:30	8.63	8.43	30.41	24.47	1.95	4.0
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	S	3.80	15:30	9.00	8.40	30.62	24.25	2.01	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:31	9.67	8.24	31.36	24.54	2.52	3.1
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:31	8.85	8.27	30.56	24.26	2.15	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	B	6.60	15:29	8.63	8.39	30.88	24.34	1.61	2.5
WSR33	20210319	Cloudy	Moderate	Mid-Ebb	B	6.60	15:29	9.76	8.23	31.18	24.50	1.50	3.0
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	S	3.65	17:20	9.73	8.46	31.16	20.43	2.42	3.0
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	S	3.65	17:20	9.87	8.42	30.66	20.55	2.24	2.5
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:21	10.70	8.37	30.78	20.43	2.39	2.5
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:21	9.26	8.60	30.68	20.63	2.46	2.5
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	B	6.30	17:19	10.33	8.48	30.84	20.75	1.98	2.5
WSR33	20210323	Cloudy	Moderate	Mid-Ebb	B	6.30	17:19	9.44	8.58	31.04	20.79	2.33	2.5
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	S	3.55	10:20	9.89	8.56	31.66	26.70	1.90	6.0
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	S	3.55	10:20	10.19	8.59	30.87	26.41	1.89	4.3
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:21	10.06	8.32	31.21	26.69	2.39	4.9
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:21	9.25	8.33	31.63	26.61	2.34	5.4
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	B	6.10	10:19	9.64	8.53	31.75	26.65	2.39	7.6
WSR33	20210325	Cloudy	Moderate	Mid-Ebb	B	6.10	10:19	9.72	8.57	31.22	26.63	2.13	5.8
WSR33	20210327	Sunny	Moderate	Mid-Ebb	S	3.55	11:23	8.48	8.40	29.64	24.78	1.82	2.5
WSR33	20210327	Sunny	Moderate	Mid-Ebb	S	3.55	11:23	8.37	8.50	30.79	24.80	1.99	2.5
WSR33	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:24	8.42	8.45	29.68	24.70	2.56	2.5
WSR33	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:24	9.33	8.45	29.44	24.55	2.78	2.5
WSR33	20210327	Sunny	Moderate	Mid-Ebb	B	6.10	11:22	9.41	8.23	29.52	24.60	2.35	7.2
WSR33	20210327	Sunny	Moderate	Mid-Ebb	B	6.10	11:22	9.28	8.28	29.67	24.96	1.96	2.5
WSR33	20210330	Sunny	Moderate	Mid-Ebb	S	3.70	13:26	8.32	8.20	31.17	27.78	2.18	2.5
WSR33	20210330	Sunny	Moderate	Mid-Ebb	S	3.70	13:26	8.03	8.20	31.41	27.80	1.97	2.9
WSR33	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:27	8.63	8.34	31.88	27.79	2.62	3.1

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR33	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:27	8.70	8.37	31.73	27.68	2.72	2.5
WSR33	20210330	Sunny	Moderate	Mid-Ebb	B	6.40	13:25	7.75	8.23	31.91	27.46	2.06	2.6
WSR33	20210330	Sunny	Moderate	Mid-Ebb	B	6.40	13:25	8.45	8.34	31.09	27.81	2.05	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	S	3.20	12:29	9.44	8.38	26.82	21.66	2.19	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	S	3.20	12:29	9.24	8.28	26.59	21.53	2.12	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:29	9.38	8.30	26.76	21.53	2.20	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:29	10.26	8.28	26.79	21.63	2.12	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	B	5.40	12:28	10.43	8.27	26.80	21.48	1.94	2.5
WSR36	20210301	Cloudy	Moderate	Mid-Ebb	B	5.40	12:28	10.07	8.46	26.87	21.57	2.09	2.5
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	S	3.80	13:52	9.85	8.33	30.77	20.07	2.46	3.5
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	S	3.80	13:52	8.58	8.33	31.27	20.17	2.63	3.6
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:52	9.02	8.27	31.39	20.04	2.59	3.7
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:52	9.26	8.33	31.08	20.19	2.48	3.3
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	B	6.60	13:51	8.70	8.36	31.21	20.26	1.97	3.4
WSR36	20210303	Cloudy	Moderate	Mid-Ebb	B	6.60	13:51	9.20	8.35	31.60	20.31	2.3	4.0
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	S	3.40	15:40	8.77	8.52	29.43	20.57	1.78	4.0
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	S	3.40	15:40	8.87	8.51	29.59	20.67	1.89	2.9
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:40	9.25	8.52	29.78	20.73	2.16	4.4
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:40	9.26	8.36	29.67	20.68	1.87	3.2
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	B	5.80	15:39	8.85	8.46	28.80	20.66	2.12	2.5
WSR36	20210305	Cloudy	Moderate	Mid-Ebb	B	5.80	15:39	8.40	8.34	29.37	20.53	2.09	3.0
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	S	3.50	8:29	8.90	8.40	29.78	21.60	2.61	3.9
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	S	3.50	8:29	8.83	8.53	29.73	21.39	2.87	4.1
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:29	9.03	8.42	30.37	21.40	2.86	4.3
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:29	8.51	8.22	29.76	21.57	2.99	3.8
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	B	6.00	8:28	8.52	8.40	30.19	21.44	2.62	3.5
WSR36	20210308	Cloudy	Moderate	Mid-Ebb	B	6.00	8:28	9.28	8.54	29.64	21.48	2.54	3.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	S	3.60	10:29	10.00	8.23	31.37	21.71	2.21	3.1
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	S	3.60	10:29	10.73	8.23	30.64	21.82	2.19	2.9
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:29	9.75	8.25	30.18	21.84	2.98	2.8
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:29	10.62	8.39	31.35	21.89	3.07	4.1
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	B	6.20	10:28	10.10	8.36	31.42	21.70	2.18	3.0
WSR36	20210310	Cloudy	Moderate	Mid-Ebb	B	6.20	10:28	10.94	8.32	31.39	21.80	2.59	3.2
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	S	3.50	11:39	9.81	8.52	30.29	24.63	2.36	3.4
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	S	3.50	11:39	9.91	8.48	29.85	24.68	2.27	3.1
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:39	9.95	8.49	30.38	24.82	2.68	3.7
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:39	10.07	8.59	29.79	24.56	2.92	3.5
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	B	6.00	11:38	9.57	8.22	30.65	24.85	2.44	4.3
WSR36	20210312	Cloudy	Moderate	Mid-Ebb	B	6.00	11:38	9.78	8.31	30.29	24.48	2.41	4.0
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	S	3.10	13:12	9.56	8.30	31.02	24.53	2.59	2.8
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	S	3.10	13:12	9.83	8.27	30.91	24.74	2.27	3.2
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:12	9.46	8.45	31.38	24.30	2.89	3.2
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	13:12	9.71	8.24	30.88	24.67	2.86	3.5
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	B	5.20	13:11	9.89	8.28	30.94	24.31	1.87	3.1
WSR36	20210315	Cloudy	Moderate	Mid-Ebb	B	5.20	13:11	8.62	8.30	31.57	24.50	2.15	4.1
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	S	3.60	14:16	9.84	8.34	30.50	24.92	1.87	2.5
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	S	3.60	14:16	10.07	8.27	30.28	25.28	2.08	3.0
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:16	9.54	8.26	30.36	25.10	2.61	3.6
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:16	9.13	8.27	31.43	25.08	2.26	2.5
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	B	6.20	14:15	8.67	8.49	30.39	25.22	2.11	3.9
WSR36	20210317	Cloudy	Moderate	Mid-Ebb	B	6.20	14:15	9.40	8.35	30.43	25.07	1.76	2.5
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	S	3.80	15:12	9.87	8.21	30.68	24.39	2.10	2.5
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	S	3.80	15:12	8.89	8.33	31.20	24.38	2.19	2.8
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:12	9.81	8.22	30.35	24.52	2.36	3.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	15:12	8.75	8.30	31.36	24.32	2.14	3.0
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	B	6.60	15:11	9.95	8.36	31.60	24.55	1.84	2.5
WSR36	20210319	Cloudy	Moderate	Mid-Ebb	B	6.60	15:11	9.93	8.37	30.59	24.56	1.85	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	S	3.80	17:06	10.16	8.62	31.34	20.47	2.79	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	S	3.80	17:06	9.32	8.49	31.36	20.80	2.66	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:06	10.57	8.51	30.61	20.74	2.65	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	17:06	9.11	8.41	30.56	20.57	2.69	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	B	6.60	17:05	9.82	8.40	31.34	20.45	2.47	2.5
WSR36	20210323	Cloudy	Moderate	Mid-Ebb	B	6.60	17:05	10.28	8.56	31.50	20.62	2.61	2.5
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	S	3.40	10:01	9.62	8.47	30.70	26.70	2.58	4.5
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	S	3.40	10:01	10.25	8.43	31.27	26.69	2.46	4.7
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:01	10.04	8.30	30.71	26.34	2.61	4.7
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	10:01	9.86	8.35	31.28	26.68	2.40	5.9
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	B	5.80	10:00	9.22	8.29	31.61	26.68	2.22	6.9
WSR36	20210325	Cloudy	Moderate	Mid-Ebb	B	5.80	10:00	9.81	8.40	30.67	26.61	2.10	5.1
WSR36	20210327	Sunny	Moderate	Mid-Ebb	S	3.50	11:05	8.34	8.37	30.73	24.74	2.45	2.5
WSR36	20210327	Sunny	Moderate	Mid-Ebb	S	3.50	11:05	8.93	8.47	30.61	24.80	2.07	2.5
WSR36	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:05	9.10	8.22	30.65	24.69	2.13	2.5
WSR36	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	11:05	8.50	8.27	29.40	24.69	2.47	3.6
WSR36	20210327	Sunny	Moderate	Mid-Ebb	B	6.00	11:04	8.56	8.40	30.66	24.91	1.77	2.5
WSR36	20210327	Sunny	Moderate	Mid-Ebb	B	6.00	11:04	9.16	8.44	30.93	24.82	1.59	2.5
WSR36	20210330	Sunny	Moderate	Mid-Ebb	S	3.40	13:10	8.07	8.38	31.11	27.49	2.02	2.5
WSR36	20210330	Sunny	Moderate	Mid-Ebb	S	3.40	13:10	8.71	8.26	31.23	27.57	2.16	2.5
WSR36	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:10	8.13	8.38	31.43	27.45	2.63	2.7
WSR36	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	13:10	8.40	8.19	31.35	27.43	2.22	2.7
WSR36	20210330	Sunny	Moderate	Mid-Ebb	B	5.80	13:09	8.01	8.48	31.86	27.66	2.23	2.5
WSR36	20210330	Sunny	Moderate	Mid-Ebb	B	5.80	13:09	7.87	8.47	31.66	27.49	2.03	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	S	4.15	12:08	10.57	8.50	26.64	21.50	2.62	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	S	4.15	12:08	9.09	8.22	26.66	21.56	2.20	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:09	9.79	8.27	26.55	21.33	2.05	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	S	1.00	12:09	9.24	8.21	26.44	21.44	2.47	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	B	7.30	12:07	9.23	8.32	26.41	21.59	1.94	2.5
WSR37	20210301	Cloudy	Moderate	Mid-Ebb	B	7.30	12:07	10.86	8.48	26.18	21.50	1.80	2.5
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	S	4.10	13:31	8.77	8.41	30.30	20.08	2.02	3.2
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	S	4.10	13:31	9.69	8.34	31.56	20.23	1.93	2.8
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:32	10.09	8.25	31.07	19.86	2.71	3.4
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	S	1.00	13:32	9.95	8.42	31.35	20.18	2.67	4.4
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	B	7.20	13:30	10.05	8.41	30.60	19.99	2.55	4.2
WSR37	20210303	Cloudy	Moderate	Mid-Ebb	B	7.20	13:30	8.64	8.24	31.64	20.06	2.26	4.4
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	S	4.00	15:19	9.75	8.62	29.23	20.41	1.95	5.5
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	S	4.00	15:19	9.66	8.59	29.47	20.35	2.00	4.4
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:20	8.91	8.52	28.90	20.59	2.45	3.1
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	S	1.00	15:20	8.85	8.55	29.28	20.32	2.37	3.3
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	B	7.00	15:18	8.75	8.46	29.99	20.36	1.32	4.1
WSR37	20210305	Cloudy	Moderate	Mid-Ebb	B	7.00	15:18	8.97	8.59	29.52	20.65	1.56	3.8
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	S	4.00	8:08	9.43	8.47	29.70	21.48	2.27	4.3
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	S	4.00	8:08	9.00	8.46	29.65	21.30	2.24	5.5
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:09	9.42	8.30	29.60	21.66	2.89	4.4
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	S	1.00	8:09	9.28	8.39	29.66	21.39	2.65	3.4
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	B	7.00	8:07	8.48	8.40	30.31	21.70	2.58	3.5
WSR37	20210308	Cloudy	Moderate	Mid-Ebb	B	7.00	8:07	8.32	8.59	29.74	21.49	2.58	3.7
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	S	4.00	10:12	10.94	8.26	30.99	21.68	2.67	4.0
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	S	4.00	10:12	10.22	8.44	31.02	21.91	2.80	3.5
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:13	10.77	8.34	31.51	21.87	2.96	4.7

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	S	1.00	10:13	10.34	8.21	30.70	21.86	2.82	3.8
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	B	7.00	10:11	9.90	8.39	31.47	21.78	2.20	3.3
WSR37	20210310	Cloudy	Moderate	Mid-Ebb	B	7.00	10:11	10.66	8.29	31.42	21.76	1.94	3.8
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	S	4.15	11:20	9.97	8.47	29.90	24.39	2.63	3.3
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	S	4.15	11:20	9.03	8.31	29.94	24.74	2.58	3.7
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:21	9.20	8.53	29.59	24.73	2.25	3.9
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	S	1.00	11:21	10.04	8.50	30.82	24.49	2.50	3.4
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	B	7.30	11:19	9.02	8.41	30.44	24.47	2.32	4.4
WSR37	20210312	Cloudy	Moderate	Mid-Ebb	B	7.30	11:19	9.84	8.39	30.31	24.66	1.99	4.2
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	S	3.80	12:52	8.87	8.41	30.40	24.59	2.23	2.9
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	S	3.80	12:52	8.68	8.29	31.67	24.38	2.49	3.2
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:53	9.39	8.42	31.64	24.33	2.80	3.0
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	S	1.00	12:53	8.78	8.44	30.76	24.70	2.38	3.9
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	B	6.60	12:51	9.59	8.40	30.49	24.37	2.21	3.0
WSR37	20210315	Cloudy	Moderate	Mid-Ebb	B	6.60	12:51	9.58	8.38	31.33	24.72	1.89	2.9
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	S	3.80	13:59	9.33	8.46	31.40	24.97	2.58	3.7
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	S	3.80	13:59	8.81	8.40	30.58	25.15	2.18	3.1
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:00	9.61	8.23	31.64	24.83	2.75	3.0
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	S	1.00	14:00	9.04	8.28	31.25	24.85	2.32	3.0
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	B	6.60	13:58	9.97	8.5	30.78	24.81	1.94	3.4
WSR37	20210317	Cloudy	Moderate	Mid-Ebb	B	6.60	13:58	9.53	8.5	31.34	25.25	1.98	3.1
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	S	4.00	14:53	9.15	8.30	30.81	24.42	2.44	2.5
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	S	4.00	14:53	8.90	8.40	30.77	24.48	2.17	3.1
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	14:54	9.19	8.28	30.56	24.57	2.47	5.9
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	S	1.00	14:54	9.39	8.44	31.35	24.34	2.44	3.0
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	B	7.00	14:52	10.06	8.45	30.85	24.49	1.96	2.7
WSR37	20210319	Cloudy	Moderate	Mid-Ebb	B	7.00	14:52	9.99	8.35	30.34	24.57	2.23	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L)
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	S	4.05	16:51	10.67	8.44	31.35	20.84	2.57	2.5
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	S	4.05	16:51	10.52	8.52	30.93	20.69	2.77	2.5
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:52	9.28	8.37	31.24	20.63	2.36	2.5
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	S	1.00	16:52	10.59	8.38	30.88	20.69	2.69	2.5
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	B	7.10	16:50	9.00	8.50	31.08	20.63	2.72	2.5
WSR37	20210323	Cloudy	Moderate	Mid-Ebb	B	7.10	16:50	9.93	8.46	31.28	20.77	2.73	2.9
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	S	4.15	9:41	9.53	8.36	30.72	26.47	2.27	5.6
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	S	4.15	9:41	9.88	8.36	30.77	26.43	2.28	3.3
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	9:42	9.68	8.53	30.66	26.34	2.69	7.3
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	S	1.00	9:42	9.48	8.44	30.82	26.49	2.87	7.3
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	B	7.30	9:40	9.03	8.63	31.16	26.58	1.99	6.9
WSR37	20210325	Cloudy	Moderate	Mid-Ebb	B	7.30	9:40	8.99	8.40	31.22	26.64	1.77	7.3
WSR37	20210327	Sunny	Moderate	Mid-Ebb	S	4.00	10:48	9.01	8.45	30.28	24.53	2.05	2.8
WSR37	20210327	Sunny	Moderate	Mid-Ebb	S	4.00	10:48	9.32	8.30	29.89	24.83	2.31	2.8
WSR37	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	10:49	9.13	8.34	30.04	24.59	2.54	2.5
WSR37	20210327	Sunny	Moderate	Mid-Ebb	S	1.00	10:49	8.64	8.37	30.85	24.58	2.27	2.5
WSR37	20210327	Sunny	Moderate	Mid-Ebb	B	7.00	10:47	8.86	8.48	29.59	24.44	2.15	2.5
WSR37	20210327	Sunny	Moderate	Mid-Ebb	B	7.00	10:47	8.25	8.21	30.71	24.81	2.18	2.8
WSR37	20210330	Sunny	Moderate	Mid-Ebb	S	4.35	12:53	7.75	8.44	31.55	27.38	2.58	2.5
WSR37	20210330	Sunny	Moderate	Mid-Ebb	S	4.35	12:53	7.70	8.43	31.12	27.52	2.28	2.5
WSR37	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:54	8.58	8.22	31.12	27.51	2.35	2.6
WSR37	20210330	Sunny	Moderate	Mid-Ebb	S	1.00	12:54	8.54	8.30	31.24	27.34	2.16	2.5
WSR37	20210330	Sunny	Moderate	Mid-Ebb	B	7.70	12:52	8.58	8.48	31.89	27.62	2.00	2.7
WSR37	20210330	Sunny	Moderate	Mid-Ebb	B	7.70	12:52	8.55	8.38	31.57	27.51	2.31	2.8

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210401	Sunny	Moderate	Mid-Flood	S	1.00	11:03	8.41	8.19	31.77	27.60	3.64	2.5
CE	20210401	Sunny	Moderate	Mid-Flood	S	1.00	11:03	8.72	8.19	31.37	27.67	3.24	2.5
CE	20210401	Sunny	Moderate	Mid-Flood	S	12.00	11:02	8.70	8.15	31.49	27.40	3.83	2.5
CE	20210401	Sunny	Moderate	Mid-Flood	S	12.00	11:02	7.51	8.07	31.33	27.42	4.17	2.5
CE	20210401	Sunny	Moderate	Mid-Flood	B	23.00	11:01	7.56	8.06	31.76	27.44	4.21	2.5
CE	20210401	Sunny	Moderate	Mid-Flood	B	23.00	11:01	7.77	8.10	31.22	27.44	3.64	2.5
CE	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:50	8.35	8.23	29.21	27.25	2.88	2.5
CE	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:50	8.44	8.20	29.17	27.34	3.21	2.9
CE	20210403	Sunny	Moderate	Mid-Flood	S	11.75	10:49	8.28	8.16	29.64	27.18	2.95	3.4
CE	20210403	Sunny	Moderate	Mid-Flood	S	11.75	10:49	7.98	8.18	29.31	27.30	2.94	2.5
CE	20210403	Sunny	Moderate	Mid-Flood	B	22.50	10:48	8.32	8.20	29.53	27.15	3.61	2.5
CE	20210403	Sunny	Moderate	Mid-Flood	B	22.50	10:48	8.19	8.23	29.43	27.37	3.23	2.5
CE	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	10:37	8.34	8.30	30.13	22.79	3.02	4.0
CE	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	10:37	8.61	8.22	29.90	22.78	3.11	2.5
CE	20210406	Cloudy	Moderate	Mid-Flood	S	10.10	10:36	8.46	8.28	30.03	22.93	2.86	3.0
CE	20210406	Cloudy	Moderate	Mid-Flood	S	10.10	10:36	8.19	8.34	30.07	22.84	3.25	2.5
CE	20210406	Cloudy	Moderate	Mid-Flood	B	19.20	10:35	8.53	8.38	30.02	22.77	3.01	2.5
CE	20210406	Cloudy	Moderate	Mid-Flood	B	19.20	10:35	8.50	8.39	29.81	22.80	3.14	2.9
CE	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	16:28	9.00	8.36	29.91	24.07	2.94	2.5
CE	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	16:28	8.52	8.55	30.54	24.13	2.79	2.5
CE	20210408	Cloudy	Moderate	Mid-Flood	S	10.55	16:27	8.64	8.48	29.98	23.97	3.43	2.5
CE	20210408	Cloudy	Moderate	Mid-Flood	S	10.55	16:27	8.99	8.55	30.21	24.15	3.17	2.5
CE	20210408	Cloudy	Moderate	Mid-Flood	B	20.10	16:26	8.71	8.47	30.76	24.04	3.69	2.5
CE	20210408	Cloudy	Moderate	Mid-Flood	B	20.10	16:26	8.60	8.37	30.54	24.04	3.62	2.5
CE	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:57	8.77	8.33	31.57	23.12	4.07	2.5
CE	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:57	8.43	8.43	31.68	23.23	3.73	2.5
CE	20210410	Cloudy	Moderate	Mid-Flood	S	10.30	17:56	8.69	8.49	31.20	23.21	3.37	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210410	Cloudy	Moderate	Mid-Flood	S	10.30	17:56	8.71	8.41	31.82	23.22	3.70	2.6
CE	20210410	Cloudy	Moderate	Mid-Flood	B	19.60	17:55	8.44	8.33	31.77	23.30	3.47	3.0
CE	20210410	Cloudy	Moderate	Mid-Flood	B	19.60	17:55	8.95	8.32	31.50	23.12	4.06	2.5
CE	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:50	9.39	8.28	31.30	27.75	3.24	4.5
CE	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:50	9.61	8.27	31.75	27.77	3.34	3.2
CE	20210413	Sunny	Moderate	Mid-Flood	S	11.60	18:49	8.87	8.47	31.46	27.76	3.47	3.7
CE	20210413	Sunny	Moderate	Mid-Flood	S	11.60	18:49	8.95	8.39	30.74	27.84	3.44	2.6
CE	20210413	Sunny	Moderate	Mid-Flood	B	22.20	18:48	8.62	8.18	30.72	27.84	2.95	2.8
CE	20210413	Sunny	Moderate	Mid-Flood	B	22.20	18:48	8.40	8.34	30.92	27.69	3.15	3.4
CE	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	11:03	7.77	8.34	31.78	22.99	2.75	4.6
CE	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	11:03	9.83	8.44	31.85	22.87	2.49	2.6
CE	20210415	Cloudy	Moderate	Mid-Flood	S	11.70	11:02	8.99	8.38	32.06	22.85	1.89	2.9
CE	20210415	Cloudy	Moderate	Mid-Flood	S	11.70	11:02	9.01	8.49	32.04	23.05	1.87	2.5
CE	20210415	Cloudy	Moderate	Mid-Flood	B	22.40	11:01	9.76	8.39	31.88	23.07	1.64	2.5
CE	20210415	Cloudy	Moderate	Mid-Flood	B	22.40	11:01	7.79	8.40	31.52	23.05	1.77	2.5
CE	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:52	9.74	8.74	31.96	22.72	3.29	3.0
CE	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:52	8.77	8.78	32.30	22.79	3.70	3.3
CE	20210417	Cloudy	Moderate	Mid-Flood	S	11.55	10:51	9.05	8.59	32.04	22.92	3.34	4.5
CE	20210417	Cloudy	Moderate	Mid-Flood	S	11.55	10:51	9.10	8.73	31.94	22.83	3.33	4.5
CE	20210417	Cloudy	Moderate	Mid-Flood	B	22.10	10:50	9.03	8.77	32.41	22.74	3.18	2.5
CE	20210417	Cloudy	Moderate	Mid-Flood	B	22.10	10:50	9.93	8.65	31.72	22.68	2.96	7.5
CE	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:40	7.38	8.25	25.47	23.93	4.33	5.0
CE	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:40	7.45	8.18	19.87	24.02	4.21	3.3
CE	20210420	Cloudy	Moderate	Mid-Flood	S	11.35	10:42	7.76	8.22	25.05	24.02	4.61	3.8
CE	20210420	Cloudy	Moderate	Mid-Flood	S	11.35	10:42	8.06	8.26	26.22	24.03	5.16	3.8
CE	20210420	Cloudy	Moderate	Mid-Flood	B	21.70	10:41	7.76	8.41	26.86	24.00	5.22	3.4
CE	20210420	Cloudy	Moderate	Mid-Flood	B	21.70	10:41	8.00	8.48	27.39	24.01	4.84	3.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210422	Sunny	Moderate	Mid-Flood	S	1.00	12:03	8.34	8.18	30.77	28.99	2.70	2.8
CE	20210422	Sunny	Moderate	Mid-Flood	S	1.00	12:03	8.70	8.27	30.22	28.93	2.37	3.7
CE	20210422	Sunny	Moderate	Mid-Flood	S	12.35	12:02	8.65	8.10	30.95	28.87	3.01	2.5
CE	20210422	Sunny	Moderate	Mid-Flood	S	12.35	12:02	8.24	8.08	30.82	29.00	2.82	2.5
CE	20210422	Sunny	Moderate	Mid-Flood	B	23.70	12:01	8.94	8.24	30.99	28.98	3.17	2.6
CE	20210422	Sunny	Moderate	Mid-Flood	B	23.70	12:01	9.38	8.16	30.26	29.01	3.37	2.5
CE	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:57	8.75	8.26	31.51	24.19	3.45	4.0
CE	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:57	9.74	8.26	31.51	24.25	3.70	4.5
CE	20210424	Cloudy	Moderate	Mid-Flood	S	12.05	16:56	8.79	8.12	31.36	24.10	2.81	2.5
CE	20210424	Cloudy	Moderate	Mid-Flood	S	12.05	16:56	9.57	8.36	31.70	24.03	2.52	3.0
CE	20210424	Cloudy	Moderate	Mid-Flood	B	23.10	16:55	9.27	8.31	31.32	24.17	3.03	3.8
CE	20210424	Cloudy	Moderate	Mid-Flood	B	23.10	16:55	9.08	8.25	31.49	23.96	3.34	2.8
CE	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	18:29	8.43	8.42	31.15	23.03	3.49	4.5
CE	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	18:29	9.91	8.46	31.85	23.25	3.63	3.0
CE	20210427	Cloudy	Moderate	Mid-Flood	S	12.10	18:28	9.25	8.32	31.06	23.28	3.60	3.4
CE	20210427	Cloudy	Moderate	Mid-Flood	S	12.10	18:28	9.11	8.35	31.82	23.30	3.37	2.9
CE	20210427	Cloudy	Moderate	Mid-Flood	B	23.20	18:27	8.40	8.48	31.44	23.18	2.97	2.8
CE	20210427	Cloudy	Moderate	Mid-Flood	B	23.20	18:27	9.41	8.39	31.78	23.23	2.71	3.0
CE	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:49	8.93	8.28	30.17	25.43	3.71	3.3
CE	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:49	8.82	8.19	30.39	25.49	3.44	2.5
CE	20210429	Sunny	Moderate	Mid-Flood	S	11.45	10:48	8.94	8.34	30.41	25.72	3.05	3.9
CE	20210429	Sunny	Moderate	Mid-Flood	S	11.45	10:48	9.04	8.31	30.22	25.36	3.08	3.9
CE	20210429	Sunny	Moderate	Mid-Flood	B	21.90	10:47	8.85	8.45	30.46	25.70	3.06	3.2
CE	20210429	Sunny	Moderate	Mid-Flood	B	21.90	10:47	8.52	8.30	29.96	25.39	3.23	5.1
CF	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:02	7.65	8.06	31.81	26.69	4.71	2.5
CF	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:02	7.95	8.25	31.18	26.92	4.51	3.5
CF	20210401	Sunny	Moderate	Mid-Flood	S	9.55	8:01	9.25	8.07	31.29	26.76	4.90	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210401	Sunny	Moderate	Mid-Flood	S	9.55	8:01	7.62	8.10	31.92	26.77	5.01	2.5
CF	20210401	Sunny	Moderate	Mid-Flood	B	18.10	8:00	8.36	8.20	31.40	26.77	5.63	2.5
CF	20210401	Sunny	Moderate	Mid-Flood	B	18.10	8:00	8.27	8.20	31.56	26.69	5.60	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:07	8.54	8.01	29.25	25.86	3.63	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:07	8.59	8.01	29.30	26.10	3.98	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	S	9.85	8:06	8.29	8.10	29.48	26.01	4.22	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	S	9.85	8:06	8.25	8.19	29.24	25.92	4.39	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	B	18.70	8:05	8.25	8.01	29.36	25.79	4.10	2.5
CF	20210403	Sunny	Moderate	Mid-Flood	B	18.70	8:05	8.39	8.15	29.32	25.97	3.90	2.5
CF	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:05	8.28	8.40	29.99	22.22	3.16	3.1
CF	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:05	8.52	8.33	30.08	22.44	2.99	3.7
CF	20210406	Cloudy	Moderate	Mid-Flood	S	10.75	8:04	8.50	8.35	29.93	22.20	3.29	2.5
CF	20210406	Cloudy	Moderate	Mid-Flood	S	10.75	8:04	8.24	8.32	30.11	22.45	2.98	2.9
CF	20210406	Cloudy	Moderate	Mid-Flood	B	20.50	8:03	8.67	8.34	30.03	22.16	3.29	3.6
CF	20210406	Cloudy	Moderate	Mid-Flood	B	20.50	8:03	8.20	8.37	30.03	22.21	2.96	2.6
CF	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	13:47	8.91	8.46	30.39	23.89	3.62	2.5
CF	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	13:47	8.73	8.37	30.34	23.87	3.09	2.5
CF	20210408	Cloudy	Moderate	Mid-Flood	S	9.90	13:46	9.08	8.36	29.88	23.42	3.70	2.5
CF	20210408	Cloudy	Moderate	Mid-Flood	S	9.90	13:46	9.07	8.46	30.22	23.87	3.32	2.5
CF	20210408	Cloudy	Moderate	Mid-Flood	B	18.80	13:45	8.70	8.51	30.73	23.99	3.22	2.5
CF	20210408	Cloudy	Moderate	Mid-Flood	B	18.80	13:45	8.83	8.41	30.59	23.92	3.29	2.5
CF	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	15:42	8.82	8.39	31.57	23.73	3.04	2.5
CF	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	15:42	9.01	8.24	31.35	23.49	3.12	2.5
CF	20210410	Cloudy	Moderate	Mid-Flood	S	10.45	15:41	8.49	8.32	31.67	23.93	3.88	4.1
CF	20210410	Cloudy	Moderate	Mid-Flood	S	10.45	15:41	8.98	8.44	31.83	23.49	3.86	2.5
CF	20210410	Cloudy	Moderate	Mid-Flood	B	19.90	15:40	8.56	8.31	31.77	23.63	3.87	2.5
CF	20210410	Cloudy	Moderate	Mid-Flood	B	19.90	15:40	9.18	8.42	31.81	23.68	3.57	2.5

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:02	8.73	8.29	31.22	28.03	2.90	4.3
CF	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:02	9.07	8.22	31.17	28.02	3.24	2.5
CF	20210413	Sunny	Moderate	Mid-Flood	S	9.75	16:01	8.92	8.30	31.19	27.97	3.19	2.7
CF	20210413	Sunny	Moderate	Mid-Flood	S	9.75	16:01	8.45	8.22	30.78	28.03	3.31	2.6
CF	20210413	Sunny	Moderate	Mid-Flood	B	18.50	16:00	9.35	8.39	31.40	27.95	2.96	2.6
CF	20210413	Sunny	Moderate	Mid-Flood	B	18.50	16:00	9.56	8.25	31.08	28.02	3.25	3.8
CF	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	7.98	8.51	31.96	22.60	3.33	2.9
CF	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.30	8.36	32.13	22.63	3.19	2.5
CF	20210415	Cloudy	Moderate	Mid-Flood	S	10.25	8:01	9.53	8.41	32.17	22.53	3.08	2.5
CF	20210415	Cloudy	Moderate	Mid-Flood	S	10.25	8:01	8.83	8.30	31.47	22.60	3.39	2.5
CF	20210415	Cloudy	Moderate	Mid-Flood	B	19.50	8:00	8.68	8.40	31.70	22.58	3.02	2.5
CF	20210415	Cloudy	Moderate	Mid-Flood	B	19.50	8:00	7.96	8.44	32.15	22.64	2.82	3.4
CF	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	9.33	8.58	31.74	22.54	3.13	2.5
CF	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	8.33	8.58	32.41	22.56	3.38	3.2
CF	20210417	Cloudy	Moderate	Mid-Flood	S	10.65	8:01	8.99	8.79	32.01	22.57	3.66	3.4
CF	20210417	Cloudy	Moderate	Mid-Flood	S	10.65	8:01	8.36	8.77	32.29	22.54	3.06	3.3
CF	20210417	Cloudy	Moderate	Mid-Flood	B	20.30	8:00	8.65	8.73	31.92	22.52	3.17	3.6
CF	20210417	Cloudy	Moderate	Mid-Flood	B	20.30	8:00	8.87	8.71	32.47	22.73	2.77	3.7
CF	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	7.58	8.22	27.03	23.85	4.82	4.4
CF	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:02	7.78	8.30	27.33	23.80	4.93	5.4
CF	20210420	Cloudy	Moderate	Mid-Flood	S	10.55	8:01	7.54	8.21	27.28	23.66	4.33	5.2
CF	20210420	Cloudy	Moderate	Mid-Flood	S	10.55	8:01	7.71	8.45	27.52	23.81	4.80	9.3
CF	20210420	Cloudy	Moderate	Mid-Flood	B	20.10	8:00	7.64	8.45	26.85	23.72	4.13	5.0
CF	20210420	Cloudy	Moderate	Mid-Flood	B	20.10	8:00	8.56	8.33	27.05	23.72	4.61	5.6
CF	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:02	8.49	8.16	31.28	28.85	2.26	2.5
CF	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:02	8.18	8.24	31.15	28.74	2.27	2.5
CF	20210422	Sunny	Moderate	Mid-Flood	S	10.10	9:01	9.12	8.23	31.11	28.85	2.44	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210422	Sunny	Moderate	Mid-Flood	S	10.10	9:01	9.34	8.08	30.89	28.79	2.60	2.5
CF	20210422	Sunny	Moderate	Mid-Flood	B	19.20	9:00	8.71	8.22	30.72	28.73	2.31	2.5
CF	20210422	Sunny	Moderate	Mid-Flood	B	19.20	9:00	9.11	8.21	31.15	28.78	2.14	2.5
CF	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	13:56	9.32	8.23	31.40	24.78	3.30	3.2
CF	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	13:56	8.94	8.21	31.23	24.68	3.16	3.0
CF	20210424	Cloudy	Moderate	Mid-Flood	S	10.70	13:55	9.50	8.28	31.20	24.65	3.48	3.6
CF	20210424	Cloudy	Moderate	Mid-Flood	S	10.70	13:55	9.09	8.12	31.31	24.63	3.35	2.5
CF	20210424	Cloudy	Moderate	Mid-Flood	B	20.40	13:54	9.30	8.29	31.12	24.61	3.00	3.0
CF	20210424	Cloudy	Moderate	Mid-Flood	B	20.40	13:54	8.90	8.27	31.57	24.78	3.27	3.1
CF	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	15:32	9.01	8.41	31.54	23.46	3.79	3.2
CF	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	15:32	8.43	8.42	30.51	23.42	3.78	3.3
CF	20210427	Cloudy	Moderate	Mid-Flood	S	9.55	15:31	9.86	8.40	31.07	23.66	3.46	2.5
CF	20210427	Cloudy	Moderate	Mid-Flood	S	9.55	15:31	8.41	8.17	31.48	23.57	3.04	2.6
CF	20210427	Cloudy	Moderate	Mid-Flood	B	18.10	15:30	9.76	8.17	30.62	23.70	3.44	3.4
CF	20210427	Cloudy	Moderate	Mid-Flood	B	18.10	15:30	9.09	8.46	31.38	23.61	3.18	4.5
CF	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:02	8.53	8.27	30.70	24.70	3.79	4.8
CF	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:02	9.07	8.44	30.17	24.63	3.65	3.6
CF	20210429	Sunny	Moderate	Mid-Flood	S	9.50	8:01	8.70	8.20	30.59	24.34	3.02	4.2
CF	20210429	Sunny	Moderate	Mid-Flood	S	9.50	8:01	8.98	8.30	30.73	24.68	3.33	4.4
CF	20210429	Sunny	Moderate	Mid-Flood	B	18.00	8:00	8.77	8.24	30.09	24.35	3.21	2.8
CF	20210429	Sunny	Moderate	Mid-Flood	B	18.00	8:00	8.64	8.34	30.12	24.58	3.05	4.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:28	9.52	8.21	31.42	26.79	2.68	2.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:28	9.68	8.19	31.25	26.80	2.57	2.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	S	4.30	8:27	8.41	8.06	31.74	26.82	2.87	2.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	S	4.30	8:27	7.62	8.14	31.89	26.70	2.64	2.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	B	7.60	8:26	9.32	8.11	31.15	26.91	2.69	2.5
WSR01	20210401	Sunny	Moderate	Mid-Flood	B	7.60	8:26	8.49	8.19	31.84	26.89	2.34	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:30	8.25	8.28	29.56	25.97	2.73	2.5
WSR01	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:30	8.44	8.01	29.57	26.10	3.22	2.5
WSR01	20210403	Sunny	Moderate	Mid-Flood	S	4.35	8:29	8.09	8.02	29.63	26.06	2.88	2.5
WSR01	20210403	Sunny	Moderate	Mid-Flood	S	4.35	8:29	8.10	8.22	29.50	26.14	2.59	2.5
WSR01	20210403	Sunny	Moderate	Mid-Flood	B	7.70	8:28	8.34	8.16	29.55	26.03	2.60	2.5
WSR01	20210403	Sunny	Moderate	Mid-Flood	B	7.70	8:28	8.28	8.09	29.43	25.89	2.29	2.5
WSR01	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	8.18	8.22	29.86	22.49	2.54	3.3
WSR01	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	8.19	8.24	29.86	22.38	2.44	3.2
WSR01	20210406	Cloudy	Moderate	Mid-Flood	S	4.35	8:25	8.67	8.21	29.94	22.40	3.03	2.9
WSR01	20210406	Cloudy	Moderate	Mid-Flood	S	4.35	8:25	8.31	8.29	29.84	22.41	2.85	3.1
WSR01	20210406	Cloudy	Moderate	Mid-Flood	B	7.70	8:24	8.49	8.24	29.72	22.48	2.43	2.5
WSR01	20210406	Cloudy	Moderate	Mid-Flood	B	7.70	8:24	8.50	8.32	29.95	22.46	2.60	3.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:10	8.74	8.43	30.42	23.75	2.78	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:10	9.24	8.51	30.02	23.82	2.93	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	S	4.20	14:09	8.61	8.35	30.01	23.76	2.23	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	S	4.20	14:09	9.10	8.48	30.09	23.63	1.95	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	B	7.40	14:08	9.15	8.34	30.50	23.77	1.98	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Flood	B	7.40	14:08	9.08	8.42	29.97	23.66	1.91	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	15:52	8.47	8.23	31.23	23.55	3.30	3.3
WSR01	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	15:52	8.31	8.28	31.50	23.51	3.08	4.1
WSR01	20210410	Cloudy	Moderate	Mid-Flood	S	4.65	15:51	8.67	8.27	31.64	23.74	2.73	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Flood	S	4.65	15:51	8.40	8.34	31.28	23.52	2.99	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Flood	B	8.30	15:50	9.04	8.42	31.59	23.64	2.23	3.5
WSR01	20210410	Cloudy	Moderate	Mid-Flood	B	8.30	15:50	8.79	8.44	31.84	23.66	2.59	2.5
WSR01	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:25	9.03	8.37	30.72	28.04	2.62	3.7
WSR01	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:25	8.67	8.41	30.55	27.95	2.46	3.4
WSR01	20210413	Sunny	Moderate	Mid-Flood	S	4.30	16:24	9.56	8.25	31.61	27.92	2.13	4.4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210413	Sunny	Moderate	Mid-Flood	S	4.30	16:24	9.82	8.39	30.97	27.91	2.34	3.3
WSR01	20210413	Sunny	Moderate	Mid-Flood	B	7.60	16:23	9.72	8.33	31.47	27.88	2.42	3.7
WSR01	20210413	Sunny	Moderate	Mid-Flood	B	7.60	16:23	9.05	8.37	31.17	28.03	2.27	4.3
WSR01	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:28	9.96	8.52	31.75	22.66	1.89	3.1
WSR01	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:28	9.25	8.30	31.50	22.68	2.05	2.5
WSR01	20210415	Cloudy	Moderate	Mid-Flood	S	4.40	8:27	8.31	8.34	31.40	22.59	1.69	4.7
WSR01	20210415	Cloudy	Moderate	Mid-Flood	S	4.40	8:27	9.94	8.44	31.39	22.57	1.63	2.5
WSR01	20210415	Cloudy	Moderate	Mid-Flood	B	7.80	8:26	9.06	8.40	31.49	22.59	1.88	2.5
WSR01	20210415	Cloudy	Moderate	Mid-Flood	B	7.80	8:26	9.86	8.41	32.01	22.59	1.91	2.8
WSR01	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:27	8.69	8.78	32.05	22.52	1.94	5.2
WSR01	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:27	8.07	8.78	31.89	22.56	2.20	3.1
WSR01	20210417	Cloudy	Moderate	Mid-Flood	S	4.45	8:26	8.06	8.77	31.91	22.73	2.72	3.5
WSR01	20210417	Cloudy	Moderate	Mid-Flood	S	4.45	8:26	9.81	8.62	31.97	22.53	2.82	3.7
WSR01	20210417	Cloudy	Moderate	Mid-Flood	B	7.90	8:25	9.90	8.63	32.07	22.56	2.06	2.8
WSR01	20210417	Cloudy	Moderate	Mid-Flood	B	7.90	8:25	10.12	8.80	32.01	22.61	1.98	3.3
WSR01	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	8.19	8.41	27.65	23.76	3.11	2.9
WSR01	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:26	8.54	8.40	27.01	23.66	2.81	3.9
WSR01	20210420	Cloudy	Moderate	Mid-Flood	S	4.35	8:25	7.52	8.20	27.10	23.85	2.32	4.3
WSR01	20210420	Cloudy	Moderate	Mid-Flood	S	4.35	8:25	7.95	8.47	27.47	23.77	2.25	4.2
WSR01	20210420	Cloudy	Moderate	Mid-Flood	B	7.70	8:24	7.96	8.32	27.53	23.65	2.85	4.4
WSR01	20210420	Cloudy	Moderate	Mid-Flood	B	7.70	8:24	8.18	8.24	27.48	23.78	3.23	3.3
WSR01	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:28	9.06	8.12	31.12	28.67	2.30	2.5
WSR01	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:28	9.12	8.19	30.77	28.67	2.10	3.0
WSR01	20210422	Sunny	Moderate	Mid-Flood	S	4.20	9:27	8.50	8.17	30.53	28.77	2.59	2.9
WSR01	20210422	Sunny	Moderate	Mid-Flood	S	4.20	9:27	8.90	8.09	30.82	28.93	2.48	3.2
WSR01	20210422	Sunny	Moderate	Mid-Flood	B	7.40	9:26	8.87	8.22	30.23	28.93	2.07	2.8
WSR01	20210422	Sunny	Moderate	Mid-Flood	B	7.40	9:26	9.17	8.18	30.62	28.87	1.85	2.8

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:22	9.62	8.26	31.41	24.61	2.16	3.0
WSR01	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:22	9.57	8.35	31.46	24.34	2.21	3.4
WSR01	20210424	Cloudy	Moderate	Mid-Flood	S	4.55	14:21	9.45	8.27	31.58	24.50	2.31	3.2
WSR01	20210424	Cloudy	Moderate	Mid-Flood	S	4.55	14:21	8.77	8.29	31.45	24.49	2.51	3.4
WSR01	20210424	Cloudy	Moderate	Mid-Flood	B	8.10	14:20	8.80	8.34	31.46	24.52	1.66	3.0
WSR01	20210424	Cloudy	Moderate	Mid-Flood	B	8.10	14:20	9.39	8.20	31.47	24.57	1.86	3.4
WSR01	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	15:56	9.69	8.43	31.28	23.46	2.20	3.7
WSR01	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	15:56	9.89	8.45	31.79	23.35	2.23	2.6
WSR01	20210427	Cloudy	Moderate	Mid-Flood	S	4.60	15:55	9.72	8.35	31.67	23.30	1.84	2.7
WSR01	20210427	Cloudy	Moderate	Mid-Flood	S	4.60	15:55	8.62	8.39	31.72	23.20	1.86	2.6
WSR01	20210427	Cloudy	Moderate	Mid-Flood	B	8.20	15:54	9.17	8.28	30.85	23.43	1.75	2.9
WSR01	20210427	Cloudy	Moderate	Mid-Flood	B	8.20	15:54	9.88	8.27	30.59	23.34	1.76	2.5
WSR01	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:26	8.93	8.36	30.15	24.49	2.80	3.2
WSR01	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:26	8.41	8.34	30.82	24.40	2.67	4.7
WSR01	20210429	Sunny	Moderate	Mid-Flood	S	4.20	8:25	8.81	8.20	30.83	24.62	2.42	2.5
WSR01	20210429	Sunny	Moderate	Mid-Flood	S	4.20	8:25	8.89	8.40	29.91	24.55	2.16	2.5
WSR01	20210429	Sunny	Moderate	Mid-Flood	B	7.40	8:24	8.88	8.24	30.71	24.40	1.69	4.8
WSR01	20210429	Sunny	Moderate	Mid-Flood	B	7.40	8:24	8.73	8.34	30.59	24.51	1.63	4.4
WSR02	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:49	9.67	8.04	31.38	26.88	2.56	2.5
WSR02	20210401	Sunny	Moderate	Mid-Flood	S	1.00	8:49	8.00	8.01	31.24	26.83	2.17	2.5
WSR02	20210401	Sunny	Moderate	Mid-Flood	S	4.85	8:48	7.72	8.15	31.50	27.15	2.26	2.5
WSR02	20210401	Sunny	Moderate	Mid-Flood	S	4.85	8:48	8.35	8.16	31.72	26.84	1.95	2.5
WSR02	20210401	Sunny	Moderate	Mid-Flood	B	8.70	8:47	7.83	8.19	31.28	26.86	1.67	2.5
WSR02	20210401	Sunny	Moderate	Mid-Flood	B	8.70	8:47	7.79	8.18	31.87	27.01	1.82	2.5
WSR02	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:48	8.64	8.25	29.24	26.48	2.84	2.5
WSR02	20210403	Sunny	Moderate	Mid-Flood	S	1.00	8:48	8.14	8.14	29.52	26.40	2.96	2.5
WSR02	20210403	Sunny	Moderate	Mid-Flood	S	4.95	8:47	8.57	8.16	29.56	26.25	2.92	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210403	Sunny	Moderate	Mid-Flood	S	4.95	8:47	8.44	8.19	29.11	26.47	2.87	2.5
WSR02	20210403	Sunny	Moderate	Mid-Flood	B	8.90	8:46	8.51	8.07	29.45	26.18	2.61	2.5
WSR02	20210403	Sunny	Moderate	Mid-Flood	B	8.90	8:46	8.19	8.12	29.28	26.27	2.22	2.5
WSR02	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:44	8.75	8.25	30.00	22.42	3.00	4.3
WSR02	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:44	8.50	8.22	29.74	22.42	3.14	4.1
WSR02	20210406	Cloudy	Moderate	Mid-Flood	S	4.70	8:43	8.44	8.40	29.76	22.63	2.44	3.8
WSR02	20210406	Cloudy	Moderate	Mid-Flood	S	4.70	8:43	8.39	8.22	30.12	22.53	2.31	3.9
WSR02	20210406	Cloudy	Moderate	Mid-Flood	B	8.40	8:42	8.21	8.19	29.88	22.53	2.69	5.9
WSR02	20210406	Cloudy	Moderate	Mid-Flood	B	8.40	8:42	8.19	8.28	29.96	22.61	2.92	6.5
WSR02	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:28	8.75	8.53	30.03	23.79	2.87	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:28	8.85	8.59	30.26	23.85	2.90	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Flood	S	4.85	14:27	8.99	8.35	30.43	23.72	2.33	4.8
WSR02	20210408	Cloudy	Moderate	Mid-Flood	S	4.85	14:27	8.63	8.59	30.07	23.91	2.39	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Flood	B	8.70	14:26	9.11	8.54	30.69	23.70	2.26	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Flood	B	8.70	14:26	9.08	8.48	29.75	23.90	2.22	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:08	8.49	8.34	31.58	23.69	2.59	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:08	9.09	8.32	31.13	23.47	2.62	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Flood	S	4.85	16:07	8.34	8.30	31.16	23.56	2.56	2.6
WSR02	20210410	Cloudy	Moderate	Mid-Flood	S	4.85	16:07	8.83	8.22	31.28	23.43	2.41	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Flood	B	8.70	16:06	8.99	8.50	31.25	23.62	2.48	2.7
WSR02	20210410	Cloudy	Moderate	Mid-Flood	B	8.70	16:06	8.39	8.35	31.82	23.67	2.29	2.8
WSR02	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:46	8.72	8.45	31.77	27.94	2.47	3.1
WSR02	20210413	Sunny	Moderate	Mid-Flood	S	1.00	16:46	9.46	8.23	31.49	27.93	2.81	4.1
WSR02	20210413	Sunny	Moderate	Mid-Flood	S	4.55	16:45	9.58	8.26	31.11	27.91	1.97	4.7
WSR02	20210413	Sunny	Moderate	Mid-Flood	S	4.55	16:45	8.75	8.48	31.67	27.88	2.35	4.5
WSR02	20210413	Sunny	Moderate	Mid-Flood	B	8.10	16:44	9.38	8.28	31.54	27.88	1.86	4.2
WSR02	20210413	Sunny	Moderate	Mid-Flood	B	8.10	16:44	8.96	8.32	31.08	27.82	2.10	4.8

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:49	8.86	8.41	31.43	22.83	2.61	3.7
WSR02	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	8:49	7.90	8.43	31.43	22.78	2.50	2.7
WSR02	20210415	Cloudy	Moderate	Mid-Flood	S	4.55	8:48	8.82	8.37	31.75	22.74	2.25	2.5
WSR02	20210415	Cloudy	Moderate	Mid-Flood	S	4.55	8:48	8.46	8.45	31.47	22.71	2.50	3.2
WSR02	20210415	Cloudy	Moderate	Mid-Flood	B	8.10	8:47	9.01	8.39	31.73	22.83	1.56	3.2
WSR02	20210415	Cloudy	Moderate	Mid-Flood	B	8.10	8:47	8.09	8.29	31.38	22.67	1.79	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:48	9.04	8.66	32.28	22.76	2.51	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	8:48	9.05	8.58	32.24	22.62	2.13	4.1
WSR02	20210417	Cloudy	Moderate	Mid-Flood	S	4.95	8:47	9.58	8.58	32.23	22.54	2.59	3.8
WSR02	20210417	Cloudy	Moderate	Mid-Flood	S	4.95	8:47	8.50	8.71	31.69	22.78	2.44	3.7
WSR02	20210417	Cloudy	Moderate	Mid-Flood	B	8.90	8:46	8.44	8.69	31.85	22.78	2.35	3.2
WSR02	20210417	Cloudy	Moderate	Mid-Flood	B	8.90	8:46	8.57	8.60	32.46	22.78	2.42	2.7
WSR02	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:45	7.84	8.42	27.50	23.74	3.08	4.4
WSR02	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	8:45	8.31	8.23	26.96	23.69	2.93	3.5
WSR02	20210420	Cloudy	Moderate	Mid-Flood	S	4.65	8:44	8.06	8.33	26.79	23.73	2.43	3.4
WSR02	20210420	Cloudy	Moderate	Mid-Flood	S	4.65	8:44	8.18	8.50	26.83	23.68	2.47	3.8
WSR02	20210420	Cloudy	Moderate	Mid-Flood	B	8.30	8:43	7.99	8.24	27.26	23.82	2.43	2.9
WSR02	20210420	Cloudy	Moderate	Mid-Flood	B	8.30	8:43	8.68	8.22	27.57	23.72	2.25	3.4
WSR02	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:49	8.54	8.08	30.27	28.92	2.68	4.6
WSR02	20210422	Sunny	Moderate	Mid-Flood	S	1.00	9:49	8.18	8.12	30.74	28.65	2.60	2.5
WSR02	20210422	Sunny	Moderate	Mid-Flood	S	4.65	9:48	8.94	8.19	30.42	28.72	2.45	2.5
WSR02	20210422	Sunny	Moderate	Mid-Flood	S	4.65	9:48	8.02	8.16	30.95	28.85	2.20	2.9
WSR02	20210422	Sunny	Moderate	Mid-Flood	B	8.30	9:47	9.14	8.18	31.06	28.67	2.23	3.6
WSR02	20210422	Sunny	Moderate	Mid-Flood	B	8.30	9:47	8.17	8.18	30.85	28.69	2.66	2.5
WSR02	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:43	8.99	8.35	31.40	24.50	2.03	4.8
WSR02	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:43	8.91	8.16	31.23	24.48	2.20	4.8
WSR02	20210424	Cloudy	Moderate	Mid-Flood	S	4.60	14:42	8.75	8.17	31.69	24.40	2.03	2.6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210424	Cloudy	Moderate	Mid-Flood	S	4.60	14:42	8.59	8.11	31.58	24.57	2.09	3.1
WSR02	20210424	Cloudy	Moderate	Mid-Flood	B	8.20	14:41	8.78	8.27	31.32	24.40	1.94	2.8
WSR02	20210424	Cloudy	Moderate	Mid-Flood	B	8.20	14:41	9.03	8.34	31.37	24.40	2.10	5.8
WSR02	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:19	8.72	8.49	30.64	23.42	2.29	3.2
WSR02	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:19	9.06	8.18	30.89	23.40	2.20	2.6
WSR02	20210427	Cloudy	Moderate	Mid-Flood	S	4.50	16:18	8.83	8.21	30.78	23.34	2.25	4.4
WSR02	20210427	Cloudy	Moderate	Mid-Flood	S	4.50	16:18	9.56	8.32	31.64	23.55	2.27	2.9
WSR02	20210427	Cloudy	Moderate	Mid-Flood	B	8.00	16:17	9.45	8.46	30.82	23.43	2.25	4.1
WSR02	20210427	Cloudy	Moderate	Mid-Flood	B	8.00	16:17	8.73	8.35	31.08	23.39	2.16	2.5
WSR02	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:47	9.08	8.32	30.06	24.50	2.56	4.5
WSR02	20210429	Sunny	Moderate	Mid-Flood	S	1.00	8:47	8.86	8.29	30.21	24.75	2.72	4.4
WSR02	20210429	Sunny	Moderate	Mid-Flood	S	4.75	8:46	8.95	8.41	30.68	24.79	2.30	4.0
WSR02	20210429	Sunny	Moderate	Mid-Flood	S	4.75	8:46	8.86	8.39	30.55	24.71	2.66	6.7
WSR02	20210429	Sunny	Moderate	Mid-Flood	B	8.50	8:45	8.85	8.46	30.32	24.83	2.54	4.7
WSR02	20210429	Sunny	Moderate	Mid-Flood	B	8.50	8:45	8.40	8.28	29.99	24.82	2.35	5.0
WSR03	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:05	7.75	8.04	31.61	27.01	2.66	2.5
WSR03	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:05	8.40	8.23	31.74	27.04	2.50	2.5
WSR03	20210401	Sunny	Moderate	Mid-Flood	S	4.10	9:04	7.74	8.03	31.80	27.03	2.13	2.5
WSR03	20210401	Sunny	Moderate	Mid-Flood	S	4.10	9:04	7.81	8.03	31.56	26.75	2.30	2.5
WSR03	20210401	Sunny	Moderate	Mid-Flood	B	7.20	9:03	9.15	8.18	31.49	27.15	1.78	2.5
WSR03	20210401	Sunny	Moderate	Mid-Flood	B	7.20	9:03	8.75	8.06	31.65	27.07	1.89	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:03	8.67	8.17	29.18	26.44	3.19	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:03	8.43	8.13	29.59	26.48	2.88	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	S	4.15	9:02	8.52	8.18	29.60	26.38	2.99	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	S	4.15	9:02	8.05	8.08	29.36	26.38	3.05	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	B	7.30	9:01	8.55	8.17	29.12	26.54	2.89	2.5
WSR03	20210403	Sunny	Moderate	Mid-Flood	B	7.30	9:01	8.08	8.14	29.33	26.35	2.74	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:58	8.23	8.20	30.09	22.50	3.11	4.3
WSR03	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	8:58	8.54	8.36	30.08	22.44	3.18	3.8
WSR03	20210406	Cloudy	Moderate	Mid-Flood	S	3.95	8:57	8.39	8.26	30.15	22.53	2.92	3.6
WSR03	20210406	Cloudy	Moderate	Mid-Flood	S	3.95	8:57	8.25	8.39	29.91	22.58	2.67	5.0
WSR03	20210406	Cloudy	Moderate	Mid-Flood	B	6.90	8:56	8.68	8.36	29.92	22.39	2.13	4.3
WSR03	20210406	Cloudy	Moderate	Mid-Flood	B	6.90	8:56	8.45	8.31	29.76	22.58	2.21	4.8
WSR03	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:42	8.70	8.38	30.17	23.90	2.61	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:42	8.47	8.48	30.64	24.11	2.46	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Flood	S	3.95	14:41	8.73	8.47	30.46	24.09	2.61	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Flood	S	3.95	14:41	8.93	8.56	30.63	24.14	2.19	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Flood	B	6.90	14:40	8.82	8.48	30.70	24.04	2.55	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Flood	B	6.90	14:40	8.68	8.58	29.91	23.95	2.25	2.5
WSR03	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:20	8.31	8.30	31.35	23.44	3.12	2.9
WSR03	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:20	8.38	8.18	31.29	23.62	3.10	2.9
WSR03	20210410	Cloudy	Moderate	Mid-Flood	S	4.10	16:19	8.82	8.20	31.64	23.45	2.59	2.9
WSR03	20210410	Cloudy	Moderate	Mid-Flood	S	4.10	16:19	8.98	8.43	31.17	23.34	2.85	3.4
WSR03	20210410	Cloudy	Moderate	Mid-Flood	B	7.20	16:18	8.67	8.46	31.53	23.41	2.46	3.4
WSR03	20210410	Cloudy	Moderate	Mid-Flood	B	7.20	16:18	8.79	8.24	31.23	23.37	2.88	2.7
WSR03	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:02	9.09	8.23	31.36	27.93	2.46	5.8
WSR03	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:02	9.52	8.23	31.15	27.87	2.76	5.3
WSR03	20210413	Sunny	Moderate	Mid-Flood	S	3.70	17:01	8.47	8.40	31.48	27.88	2.28	4.7
WSR03	20210413	Sunny	Moderate	Mid-Flood	S	3.70	17:01	8.71	8.31	30.49	27.91	2.48	4.0
WSR03	20210413	Sunny	Moderate	Mid-Flood	B	6.40	17:00	9.22	8.18	31.70	27.85	1.99	6.6
WSR03	20210413	Sunny	Moderate	Mid-Flood	B	6.40	17:00	9.38	8.17	31.33	27.89	1.93	6.9
WSR03	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:05	9.12	8.39	31.73	22.74	2.89	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:05	9.85	8.46	32.12	22.71	2.76	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Flood	S	3.70	9:04	8.95	8.50	31.54	22.83	1.68	3.2

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210415	Cloudy	Moderate	Mid-Flood	S	3.70	9:04	8.62	8.32	31.78	22.82	1.96	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Flood	B	6.40	9:03	9.10	8.45	32.13	22.64	2.02	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Flood	B	6.40	9:03	8.38	8.33	31.69	22.80	2.26	2.5
WSR03	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:04	8.90	8.80	31.91	22.81	2.96	2.5
WSR03	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:04	9.73	8.62	31.67	22.55	3.09	4.3
WSR03	20210417	Cloudy	Moderate	Mid-Flood	S	3.95	9:03	8.68	8.63	32.03	22.60	2.64	3.0
WSR03	20210417	Cloudy	Moderate	Mid-Flood	S	3.95	9:03	9.05	8.58	31.95	22.61	2.61	4.7
WSR03	20210417	Cloudy	Moderate	Mid-Flood	B	6.90	9:02	8.92	8.65	32.11	22.57	2.06	2.8
WSR03	20210417	Cloudy	Moderate	Mid-Flood	B	6.90	9:02	9.79	8.78	32.33	22.57	2.29	2.7
WSR03	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:01	7.69	8.36	27.00	23.83	2.97	3.3
WSR03	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:01	7.97	8.36	27.31	23.67	2.66	3.6
WSR03	20210420	Cloudy	Moderate	Mid-Flood	S	4.20	9:00	8.37	8.21	27.29	23.69	2.69	3.2
WSR03	20210420	Cloudy	Moderate	Mid-Flood	S	4.20	9:00	8.62	8.20	27.68	23.84	2.76	3.5
WSR03	20210420	Cloudy	Moderate	Mid-Flood	B	7.40	8:59	7.59	8.32	27.21	23.77	2.55	3.1
WSR03	20210420	Cloudy	Moderate	Mid-Flood	B	7.40	8:59	8.60	8.42	27.48	23.66	2.32	4.2
WSR03	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:05	9.25	8.07	30.40	28.74	2.90	2.5
WSR03	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:05	9.35	8.18	30.42	28.97	2.60	2.5
WSR03	20210422	Sunny	Moderate	Mid-Flood	S	3.90	10:04	9.38	8.17	31.25	28.99	2.10	2.6
WSR03	20210422	Sunny	Moderate	Mid-Flood	S	3.90	10:04	8.13	8.15	30.28	28.87	2.15	2.6
WSR03	20210422	Sunny	Moderate	Mid-Flood	B	6.80	10:03	8.58	8.23	30.93	28.73	2.37	3.1
WSR03	20210422	Sunny	Moderate	Mid-Flood	B	6.80	10:03	8.31	8.15	30.36	28.82	1.98	2.9
WSR03	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:59	8.86	8.24	31.42	24.40	2.40	4.4
WSR03	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	14:59	8.84	8.24	31.23	24.38	2.19	2.7
WSR03	20210424	Cloudy	Moderate	Mid-Flood	S	3.95	14:58	8.74	8.20	31.14	24.46	1.97	3.0
WSR03	20210424	Cloudy	Moderate	Mid-Flood	S	3.95	14:58	8.81	8.36	31.55	24.35	1.65	5.2
WSR03	20210424	Cloudy	Moderate	Mid-Flood	B	6.90	14:57	8.82	8.29	31.31	24.32	1.63	4.2
WSR03	20210424	Cloudy	Moderate	Mid-Flood	B	6.90	14:57	8.63	8.28	31.49	24.48	1.60	4.1

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:35	8.99	8.20	30.86	23.24	2.20	2.5
WSR03	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:35	8.89	8.35	31.54	23.20	2.46	2.5
WSR03	20210427	Cloudy	Moderate	Mid-Flood	S	3.85	16:34	8.68	8.24	31.17	23.21	2.12	4.8
WSR03	20210427	Cloudy	Moderate	Mid-Flood	S	3.85	16:34	9.55	8.34	31.24	23.42	2.40	3.1
WSR03	20210427	Cloudy	Moderate	Mid-Flood	B	6.70	16:33	8.46	8.35	31.11	23.14	2.05	3.2
WSR03	20210427	Cloudy	Moderate	Mid-Flood	B	6.70	16:33	9.41	8.50	31.62	23.34	2.36	4.6
WSR03	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:01	8.44	8.32	30.19	24.89	2.33	4.5
WSR03	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:01	8.97	8.22	30.25	24.66	2.04	3.0
WSR03	20210429	Sunny	Moderate	Mid-Flood	S	3.70	9:00	8.41	8.26	30.61	24.69	2.55	2.9
WSR03	20210429	Sunny	Moderate	Mid-Flood	S	3.70	9:00	8.51	8.34	29.97	24.75	2.19	4.5
WSR03	20210429	Sunny	Moderate	Mid-Flood	B	6.40	8:59	8.72	8.28	30.17	24.79	2.18	4.4
WSR03	20210429	Sunny	Moderate	Mid-Flood	B	6.40	8:59	8.97	8.19	30.11	24.79	1.83	4.2
WSR04	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:21	9.20	8.11	31.32	26.90	3.11	2.5
WSR04	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:21	9.60	8.21	31.48	26.94	2.64	2.5
WSR04	20210401	Sunny	Moderate	Mid-Flood	S	3.75	9:20	9.34	8.11	31.11	27.04	2.41	2.5
WSR04	20210401	Sunny	Moderate	Mid-Flood	S	3.75	9:20	8.94	8.12	31.56	27.14	2.62	2.5
WSR04	20210401	Sunny	Moderate	Mid-Flood	B	6.50	9:19	8.16	8.06	31.19	27.10	2.11	2.5
WSR04	20210401	Sunny	Moderate	Mid-Flood	B	6.50	9:19	7.80	8.12	31.34	27.01	2.07	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:17	8.67	8.15	29.18	26.31	2.92	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:17	8.28	8.09	29.52	26.62	2.65	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	S	3.65	9:16	8.22	8.06	29.65	26.70	2.46	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	S	3.65	9:16	8.20	8.25	29.62	26.45	2.60	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	B	6.30	9:15	8.26	8.06	29.32	26.40	2.77	2.5
WSR04	20210403	Sunny	Moderate	Mid-Flood	B	6.30	9:15	8.28	8.02	29.51	26.77	2.59	2.5
WSR04	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	8.56	8.37	29.78	22.47	2.75	4.6
WSR04	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:10	8.59	8.29	30.14	22.37	2.60	4.5
WSR04	20210406	Cloudy	Moderate	Mid-Flood	S	3.35	9:09	8.47	8.38	30.13	22.60	2.93	4.2

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210406	Cloudy	Moderate	Mid-Flood	S	3.35	9:09	8.75	8.31	29.86	22.52	2.45	6.1
WSR04	20210406	Cloudy	Moderate	Mid-Flood	B	5.70	9:08	8.26	8.33	30.13	22.63	2.59	6.4
WSR04	20210406	Cloudy	Moderate	Mid-Flood	B	5.70	9:08	8.32	8.39	30.09	22.42	2.64	6.2
WSR04	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:56	8.47	8.59	30.25	24.02	2.70	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	14:56	9.08	8.51	30.51	24.14	2.47	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Flood	S	3.90	14:55	8.52	8.45	30.65	23.86	2.93	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Flood	S	3.90	14:55	8.66	8.50	30.42	24.00	2.48	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Flood	B	6.80	14:54	9.21	8.35	29.74	23.85	2.72	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Flood	B	6.80	14:54	8.80	8.36	30.65	24.15	2.29	2.5
WSR04	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:34	9.11	8.28	31.59	23.61	3.23	2.5
WSR04	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:34	8.31	8.20	31.34	23.60	3.37	3.5
WSR04	20210410	Cloudy	Moderate	Mid-Flood	S	3.40	16:33	8.70	8.51	31.10	23.45	2.91	2.8
WSR04	20210410	Cloudy	Moderate	Mid-Flood	S	3.40	16:33	9.01	8.36	31.23	23.42	2.80	3.6
WSR04	20210410	Cloudy	Moderate	Mid-Flood	B	5.80	16:32	8.45	8.43	31.14	23.51	2.57	3.3
WSR04	20210410	Cloudy	Moderate	Mid-Flood	B	5.80	16:32	9.10	8.33	31.28	23.60	2.69	4.5
WSR04	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:15	8.95	8.44	30.71	27.89	2.61	4.4
WSR04	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:15	9.11	8.17	31.58	27.93	2.48	4.9
WSR04	20210413	Sunny	Moderate	Mid-Flood	S	3.65	17:14	8.76	8.32	31.55	28.00	2.34	6.1
WSR04	20210413	Sunny	Moderate	Mid-Flood	S	3.65	17:14	8.84	8.36	31.75	28.01	2.59	5.5
WSR04	20210413	Sunny	Moderate	Mid-Flood	B	6.30	17:13	9.83	8.38	31.62	27.83	1.86	6.7
WSR04	20210413	Sunny	Moderate	Mid-Flood	B	6.30	17:13	9.97	8.21	31.65	27.93	1.67	4.2
WSR04	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:21	9.15	8.31	32.10	22.73	2.05	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:21	9.77	8.36	32.09	22.87	1.86	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Flood	S	3.75	9:20	9.55	8.35	31.64	22.83	2.03	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Flood	S	3.75	9:20	8.79	8.53	32.00	22.89	1.85	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Flood	B	6.50	9:19	8.71	8.43	31.43	22.74	1.41	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Flood	B	6.50	9:19	9.46	8.47	31.71	22.81	1.36	4.6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:18	8.72	8.71	32.32	22.79	2.73	3.5
WSR04	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:18	9.73	8.74	32.22	22.55	3.02	4.1
WSR04	20210417	Cloudy	Moderate	Mid-Flood	S	3.35	9:17	8.57	8.72	32.30	22.60	2.14	3.9
WSR04	20210417	Cloudy	Moderate	Mid-Flood	S	3.35	9:17	9.71	8.75	31.93	22.72	2.34	4.2
WSR04	20210417	Cloudy	Moderate	Mid-Flood	B	5.70	9:16	8.36	8.68	32.12	22.55	1.91	3.2
WSR04	20210417	Cloudy	Moderate	Mid-Flood	B	5.70	9:16	9.64	8.56	32.07	22.58	2.21	3.6
WSR04	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:17	7.93	8.37	26.89	23.80	3.15	8.0
WSR04	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:17	8.37	8.40	27.12	23.73	2.94	5.0
WSR04	20210420	Cloudy	Moderate	Mid-Flood	S	3.85	9:16	8.16	8.26	27.05	23.76	2.19	4.3
WSR04	20210420	Cloudy	Moderate	Mid-Flood	S	3.85	9:16	8.75	8.47	27.32	23.71	2.41	4.3
WSR04	20210420	Cloudy	Moderate	Mid-Flood	B	6.70	9:15	7.48	8.44	27.64	23.68	2.61	4.6
WSR04	20210420	Cloudy	Moderate	Mid-Flood	B	6.70	9:15	8.43	8.18	27.59	23.78	2.53	4.2
WSR04	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:21	8.42	8.14	30.86	28.72	2.67	4.5
WSR04	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:21	8.19	8.07	30.64	28.77	2.85	2.5
WSR04	20210422	Sunny	Moderate	Mid-Flood	S	3.40	10:20	8.19	8.09	30.79	28.88	2.23	3.5
WSR04	20210422	Sunny	Moderate	Mid-Flood	S	3.40	10:20	9.08	8.12	31.09	28.88	1.87	3.4
WSR04	20210422	Sunny	Moderate	Mid-Flood	B	5.80	10:19	8.00	8.11	30.83	28.93	2.06	3.0
WSR04	20210422	Sunny	Moderate	Mid-Flood	B	5.80	10:19	8.32	8.11	30.50	28.98	2.08	3.7
WSR04	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:15	8.95	8.11	31.19	24.24	2.51	3.7
WSR04	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:15	9.56	8.27	31.43	24.24	2.37	4.6
WSR04	20210424	Cloudy	Moderate	Mid-Flood	S	3.85	15:14	9.60	8.33	31.38	24.32	2.05	3.7
WSR04	20210424	Cloudy	Moderate	Mid-Flood	S	3.85	15:14	8.73	8.24	31.65	24.46	2.39	5.0
WSR04	20210424	Cloudy	Moderate	Mid-Flood	B	6.70	15:13	9.39	8.32	31.13	24.33	2.05	3.3
WSR04	20210424	Cloudy	Moderate	Mid-Flood	B	6.70	15:13	8.71	8.29	31.35	24.42	1.86	2.6
WSR04	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:51	9.60	8.46	31.84	23.15	2.49	3.3
WSR04	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	16:51	9.91	8.27	31.45	23.27	2.79	2.5
WSR04	20210427	Cloudy	Moderate	Mid-Flood	S	3.65	16:50	9.70	8.22	31.08	23.36	2.03	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210427	Cloudy	Moderate	Mid-Flood	S	3.65	16:50	9.59	8.41	30.69	23.41	2.27	3.3
WSR04	20210427	Cloudy	Moderate	Mid-Flood	B	6.30	16:49	8.61	8.20	31.19	23.17	1.89	2.5
WSR04	20210427	Cloudy	Moderate	Mid-Flood	B	6.30	16:49	9.77	8.35	30.70	23.39	1.68	2.5
WSR04	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:15	8.88	8.42	30.69	24.86	2.28	5.1
WSR04	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:15	8.94	8.33	30.39	24.86	2.60	4.7
WSR04	20210429	Sunny	Moderate	Mid-Flood	S	3.60	9:14	8.56	8.41	30.54	24.82	2.31	3.1
WSR04	20210429	Sunny	Moderate	Mid-Flood	S	3.60	9:14	8.59	8.43	30.15	25.01	2.59	2.5
WSR04	20210429	Sunny	Moderate	Mid-Flood	B	6.20	9:13	8.75	8.20	30.25	25.02	1.99	5.5
WSR04	20210429	Sunny	Moderate	Mid-Flood	B	6.20	9:13	8.83	8.43	30.06	24.78	2.17	4.9
WSR16	20210401	Sunny	Moderate	Mid-Flood	S	1.00	10:37	9.24	8.24	31.85	27.42	2.48	2.5
WSR16	20210401	Sunny	Moderate	Mid-Flood	S	1.00	10:37	8.21	8.10	31.54	27.22	2.90	2.5
WSR16	20210401	Sunny	Moderate	Mid-Flood	S	7.95	10:36	7.87	8.06	31.89	27.25	2.31	2.5
WSR16	20210401	Sunny	Moderate	Mid-Flood	S	7.95	10:36	8.52	8.24	31.45	27.41	2.68	2.5
WSR16	20210401	Sunny	Moderate	Mid-Flood	B	14.90	10:35	8.16	8.25	31.11	27.39	2.10	2.5
WSR16	20210401	Sunny	Moderate	Mid-Flood	B	14.90	10:35	9.26	8.13	31.38	27.46	2.17	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:26	8.36	8.14	29.58	27.02	2.87	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:26	8.33	8.12	29.24	26.88	2.79	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	S	8.55	10:25	8.19	8.05	29.47	27.25	2.76	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	S	8.55	10:25	8.66	8.13	29.50	27.06	2.86	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	B	16.10	10:24	8.17	8.06	29.48	26.97	2.72	2.5
WSR16	20210403	Sunny	Moderate	Mid-Flood	B	16.10	10:24	8.14	8.24	29.32	26.85	2.86	2.5
WSR16	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	10:15	8.72	8.35	30.08	22.73	2.73	4.1
WSR16	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	10:15	8.51	8.29	30.12	22.71	3.01	4.1
WSR16	20210406	Cloudy	Moderate	Mid-Flood	S	8.65	10:14	8.41	8.20	29.75	22.57	2.87	6.7
WSR16	20210406	Cloudy	Moderate	Mid-Flood	S	8.65	10:14	8.73	8.37	29.88	22.72	2.97	6.1
WSR16	20210406	Cloudy	Moderate	Mid-Flood	B	16.30	10:13	8.31	8.27	30.03	22.74	2.67	5.0
WSR16	20210406	Cloudy	Moderate	Mid-Flood	B	16.30	10:13	8.54	8.38	30.11	22.74	2.23	4.3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	16:04	9.16	8.41	29.77	24.13	2.54	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	16:04	8.77	8.44	30.28	23.95	2.95	5.7
WSR16	20210408	Cloudy	Moderate	Mid-Flood	S	8.00	16:03	8.55	8.52	29.86	24.14	2.91	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Flood	S	8.00	16:03	8.54	8.52	30.63	24.13	2.44	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Flood	B	15.00	16:02	9.05	8.33	29.99	24.02	2.64	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Flood	B	15.00	16:02	8.62	8.39	30.15	24.08	2.32	2.5
WSR16	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:33	8.88	8.46	31.43	23.16	2.88	4.3
WSR16	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:33	8.82	8.48	31.72	23.16	2.96	5.7
WSR16	20210410	Cloudy	Moderate	Mid-Flood	S	7.85	17:32	8.67	8.30	31.78	23.30	2.87	4.0
WSR16	20210410	Cloudy	Moderate	Mid-Flood	S	7.85	17:32	8.61	8.38	31.09	23.16	2.72	4.6
WSR16	20210410	Cloudy	Moderate	Mid-Flood	B	14.70	17:31	8.84	8.27	31.68	23.36	2.32	3.2
WSR16	20210410	Cloudy	Moderate	Mid-Flood	B	14.70	17:31	8.26	8.46	31.29	23.40	2.69	2.5
WSR16	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:28	8.96	8.17	31.82	27.81	2.51	6.1
WSR16	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:28	9.04	8.30	31.81	27.72	2.50	5.2
WSR16	20210413	Sunny	Moderate	Mid-Flood	S	8.10	18:27	8.44	8.42	30.53	27.75	2.32	4.1
WSR16	20210413	Sunny	Moderate	Mid-Flood	S	8.10	18:27	8.73	8.31	30.52	27.87	2.09	6.0
WSR16	20210413	Sunny	Moderate	Mid-Flood	B	15.20	18:26	8.81	8.44	30.66	27.91	2.15	3.4
WSR16	20210413	Sunny	Moderate	Mid-Flood	B	15.20	18:26	9.22	8.47	31.37	27.82	2.27	4.7
WSR16	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	10:37	8.04	8.42	31.52	22.81	2.72	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	10:37	9.31	8.34	31.65	22.86	2.45	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Flood	S	7.85	10:36	8.60	8.52	31.43	22.89	2.59	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Flood	S	7.85	10:36	9.57	8.32	32.00	22.81	2.61	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Flood	B	14.70	10:35	9.65	8.31	31.92	22.97	1.64	3.1
WSR16	20210415	Cloudy	Moderate	Mid-Flood	B	14.70	10:35	9.60	8.48	32.10	22.96	1.55	2.5
WSR16	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:29	9.12	8.70	32.30	22.69	3.15	2.6
WSR16	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:29	8.56	8.77	32.23	22.63	3.00	2.9
WSR16	20210417	Cloudy	Moderate	Mid-Flood	S	8.40	10:28	8.89	8.62	32.18	22.66	2.27	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210417	Cloudy	Moderate	Mid-Flood	S	8.40	10:28	9.35	8.70	31.82	22.71	2.62	3.0
WSR16	20210417	Cloudy	Moderate	Mid-Flood	B	15.80	10:27	9.47	8.59	32.29	22.58	2.37	5.2
WSR16	20210417	Cloudy	Moderate	Mid-Flood	B	15.80	10:27	9.51	8.80	31.99	22.62	2.58	3.1
WSR16	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:23	7.36	8.23	25.37	23.97	3.56	4.1
WSR16	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:23	7.37	8.25	26.59	23.78	4.03	4.1
WSR16	20210420	Cloudy	Moderate	Mid-Flood	S	8.25	10:25	7.38	8.21	27.03	24.02	4.01	3.2
WSR16	20210420	Cloudy	Moderate	Mid-Flood	S	8.25	10:25	7.49	8.48	27.16	24.09	3.53	3.6
WSR16	20210420	Cloudy	Moderate	Mid-Flood	B	15.50	10:25	7.71	8.28	27.71	23.84	2.03	4.4
WSR16	20210420	Cloudy	Moderate	Mid-Flood	B	15.50	10:25	8.41	8.33	27.17	23.64	1.92	5.4
WSR16	20210422	Sunny	Moderate	Mid-Flood	S	1.00	11:37	8.46	8.08	31.08	28.95	2.21	2.5
WSR16	20210422	Sunny	Moderate	Mid-Flood	S	1.00	11:37	9.07	8.16	30.54	29.00	2.25	2.5
WSR16	20210422	Sunny	Moderate	Mid-Flood	S	7.70	11:36	8.74	8.21	30.73	28.96	1.81	2.5
WSR16	20210422	Sunny	Moderate	Mid-Flood	S	7.70	11:36	9.15	8.13	31.05	28.94	2.16	2.5
WSR16	20210422	Sunny	Moderate	Mid-Flood	B	14.40	11:35	8.85	8.19	30.68	28.90	2.45	2.5
WSR16	20210422	Sunny	Moderate	Mid-Flood	B	14.40	11:35	8.47	8.10	30.19	28.97	2.31	2.5
WSR16	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:31	9.02	8.12	31.19	24.22	2.05	2.5
WSR16	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:31	9.49	8.34	31.59	24.25	2.37	2.8
WSR16	20210424	Cloudy	Moderate	Mid-Flood	S	7.60	16:30	8.48	8.17	31.60	24.15	2.25	3.5
WSR16	20210424	Cloudy	Moderate	Mid-Flood	S	7.60	16:30	9.13	8.29	31.51	24.21	2.11	3.1
WSR16	20210424	Cloudy	Moderate	Mid-Flood	B	14.20	16:29	9.15	8.34	31.35	24.16	2.37	2.5
WSR16	20210424	Cloudy	Moderate	Mid-Flood	B	14.20	16:29	9.63	8.15	31.31	24.14	2.02	3.7
WSR16	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	18:05	9.21	8.21	30.56	23.27	2.29	2.5
WSR16	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	18:05	9.73	8.37	31.32	23.23	2.13	3.1
WSR16	20210427	Cloudy	Moderate	Mid-Flood	S	8.30	18:04	8.62	8.23	30.76	23.03	2.38	3.5
WSR16	20210427	Cloudy	Moderate	Mid-Flood	S	8.30	18:04	9.05	8.20	30.96	23.22	2.15	2.7
WSR16	20210427	Cloudy	Moderate	Mid-Flood	B	15.60	18:03	8.55	8.18	31.37	23.17	2.34	4.5
WSR16	20210427	Cloudy	Moderate	Mid-Flood	B	15.60	18:03	8.69	8.31	30.97	23.11	2.33	3.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:26	9.01	8.30	29.94	25.52	2.21	4.8
WSR16	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:26	8.65	8.24	30.50	25.45	2.33	5.0
WSR16	20210429	Sunny	Moderate	Mid-Flood	S	8.55	10:25	8.54	8.41	30.84	25.27	2.25	4.5
WSR16	20210429	Sunny	Moderate	Mid-Flood	S	8.55	10:25	9.06	8.33	30.03	25.28	2.39	6.6
WSR16	20210429	Sunny	Moderate	Mid-Flood	B	16.10	10:24	8.96	8.45	29.91	25.53	2.04	7.0
WSR16	20210429	Sunny	Moderate	Mid-Flood	B	16.10	10:24	8.99	8.25	30.51	25.34	2.33	4.7
WSR33	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:38	8.72	8.15	31.61	27.25	2.77	2.5
WSR33	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:38	8.84	8.12	31.52	27.09	2.64	2.5
WSR33	20210401	Sunny	Moderate	Mid-Flood	S	3.60	9:37	8.54	8.11	31.55	27.13	1.95	2.5
WSR33	20210401	Sunny	Moderate	Mid-Flood	S	3.60	9:37	7.55	8.15	31.59	26.97	1.79	2.5
WSR33	20210401	Sunny	Moderate	Mid-Flood	B	6.20	9:36	7.48	8.05	31.77	27.20	2.44	2.5
WSR33	20210401	Sunny	Moderate	Mid-Flood	B	6.20	9:36	7.97	8.22	31.36	27.04	2.32	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:32	8.19	8.27	29.38	26.51	3.07	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:32	8.36	8.26	29.44	26.44	3.19	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	S	3.55	9:31	8.54	8.17	29.23	26.44	2.49	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	S	3.55	9:31	8.24	8.28	29.62	26.84	2.90	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	B	6.10	9:30	8.46	8.12	29.49	26.82	2.92	2.5
WSR33	20210403	Sunny	Moderate	Mid-Flood	B	6.10	9:30	8.13	8.11	29.15	26.88	2.89	2.5
WSR33	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:25	8.25	8.31	29.89	22.51	3.03	4.4
WSR33	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:25	8.31	8.29	30.00	22.71	2.59	3.2
WSR33	20210406	Cloudy	Moderate	Mid-Flood	S	3.70	9:24	8.29	8.28	29.92	22.53	2.67	4.7
WSR33	20210406	Cloudy	Moderate	Mid-Flood	S	3.70	9:24	8.62	8.21	29.85	22.73	2.71	3.3
WSR33	20210406	Cloudy	Moderate	Mid-Flood	B	6.40	9:23	8.73	8.20	29.93	22.75	2.28	3.8
WSR33	20210406	Cloudy	Moderate	Mid-Flood	B	6.40	9:23	8.71	8.40	29.74	22.70	2.52	4.6
WSR33	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:11	9.11	8.41	30.21	24.21	2.54	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:11	8.57	8.47	30.02	23.96	2.51	2.7
WSR33	20210408	Cloudy	Moderate	Mid-Flood	S	3.65	15:10	8.91	8.55	30.68	24.21	2.33	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210408	Cloudy	Moderate	Mid-Flood	S	3.65	15:10	8.86	8.55	30.77	24.08	2.31	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Flood	B	6.30	15:09	8.67	8.40	30.49	24.12	2.25	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Flood	B	6.30	15:09	8.78	8.50	30.30	24.18	1.89	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:47	9.21	8.26	31.10	23.51	2.94	3.7
WSR33	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	16:47	8.97	8.39	31.80	23.54	3.18	3.0
WSR33	20210410	Cloudy	Moderate	Mid-Flood	S	3.50	16:46	8.93	8.31	31.68	23.32	2.92	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Flood	S	3.50	16:46	8.61	8.45	31.37	23.24	3.17	3.5
WSR33	20210410	Cloudy	Moderate	Mid-Flood	B	6.00	16:45	8.63	8.28	31.74	23.45	2.72	3.3
WSR33	20210410	Cloudy	Moderate	Mid-Flood	B	6.00	16:45	8.94	8.37	31.40	23.59	2.69	3.2
WSR33	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:32	9.53	8.50	30.53	27.88	2.46	3.4
WSR33	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:32	8.61	8.39	31.62	27.86	2.84	5.9
WSR33	20210413	Sunny	Moderate	Mid-Flood	S	3.60	17:31	9.17	8.43	30.67	27.98	2.26	4.1
WSR33	20210413	Sunny	Moderate	Mid-Flood	S	3.60	17:31	9.22	8.21	30.64	27.99	2.08	5.9
WSR33	20210413	Sunny	Moderate	Mid-Flood	B	6.20	17:30	8.50	8.37	31.77	27.91	2.09	7.0
WSR33	20210413	Sunny	Moderate	Mid-Flood	B	6.20	17:30	8.60	8.39	31.28	27.99	2.28	6.8
WSR33	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:38	9.93	8.49	31.49	22.79	2.52	2.5
WSR33	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:38	8.18	8.34	32.01	22.89	2.64	3.0
WSR33	20210415	Cloudy	Moderate	Mid-Flood	S	3.85	9:37	9.74	8.36	32.07	22.82	1.78	3.2
WSR33	20210415	Cloudy	Moderate	Mid-Flood	S	3.85	9:37	9.27	8.49	31.89	22.83	1.58	2.5
WSR33	20210415	Cloudy	Moderate	Mid-Flood	B	6.70	9:36	8.92	8.35	32.08	22.82	2.33	2.5
WSR33	20210415	Cloudy	Moderate	Mid-Flood	B	6.70	9:36	9.76	8.42	31.59	22.75	2.37	2.6
WSR33	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:35	9.21	8.71	31.74	22.72	2.99	3.0
WSR33	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:35	9.03	8.68	31.66	22.59	3.12	2.9
WSR33	20210417	Cloudy	Moderate	Mid-Flood	S	3.85	9:34	9.82	8.73	32.02	22.54	2.30	4.0
WSR33	20210417	Cloudy	Moderate	Mid-Flood	S	3.85	9:34	10.12	8.56	31.84	22.57	2.12	3.7
WSR33	20210417	Cloudy	Moderate	Mid-Flood	B	6.70	9:33	9.33	8.66	32.42	22.69	2.48	4.0
WSR33	20210417	Cloudy	Moderate	Mid-Flood	B	6.70	9:33	10.13	8.63	32.22	22.53	2.30	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:31	7.81	8.20	27.52	23.80	3.20	4.7
WSR33	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:31	8.50	8.50	27.80	23.67	3.19	5.0
WSR33	20210420	Cloudy	Moderate	Mid-Flood	S	3.70	9:30	7.85	8.39	26.95	23.76	2.28	5.4
WSR33	20210420	Cloudy	Moderate	Mid-Flood	S	3.70	9:30	7.89	8.33	27.45	23.64	2.24	3.3
WSR33	20210420	Cloudy	Moderate	Mid-Flood	B	6.40	9:29	8.04	8.35	27.50	23.65	2.46	3.8
WSR33	20210420	Cloudy	Moderate	Mid-Flood	B	6.40	9:29	8.37	8.21	27.55	23.74	2.30	3.0
WSR33	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:38	9.15	8.12	30.76	28.98	2.59	2.5
WSR33	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:38	8.51	8.07	31.00	28.97	2.32	2.5
WSR33	20210422	Sunny	Moderate	Mid-Flood	S	3.85	10:37	8.13	8.18	30.62	28.98	2.40	2.5
WSR33	20210422	Sunny	Moderate	Mid-Flood	S	3.85	10:37	8.53	8.25	30.98	28.72	2.36	2.5
WSR33	20210422	Sunny	Moderate	Mid-Flood	B	6.70	10:36	8.97	8.11	31.16	28.95	2.41	2.5
WSR33	20210422	Sunny	Moderate	Mid-Flood	B	6.70	10:36	8.15	8.28	30.82	28.96	2.39	2.5
WSR33	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:32	8.53	8.16	31.51	24.25	2.13	4.3
WSR33	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:32	8.70	8.27	31.65	24.34	2.09	3.1
WSR33	20210424	Cloudy	Moderate	Mid-Flood	S	3.80	15:31	9.03	8.36	31.40	24.25	2.44	3.4
WSR33	20210424	Cloudy	Moderate	Mid-Flood	S	3.80	15:31	8.55	8.13	31.64	24.45	2.46	3.6
WSR33	20210424	Cloudy	Moderate	Mid-Flood	B	6.60	15:30	9.48	8.17	31.20	24.33	1.94	3.2
WSR33	20210424	Cloudy	Moderate	Mid-Flood	B	6.60	15:30	8.86	8.23	31.29	24.25	2.23	2.5
WSR33	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:06	8.41	8.31	31.51	23.18	2.56	3.5
WSR33	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:06	9.50	8.42	31.60	23.33	2.64	3.1
WSR33	20210427	Cloudy	Moderate	Mid-Flood	S	3.65	17:05	8.50	8.45	31.35	23.11	2.19	3.2
WSR33	20210427	Cloudy	Moderate	Mid-Flood	S	3.65	17:05	8.55	8.31	30.85	23.20	1.92	3.0
WSR33	20210427	Cloudy	Moderate	Mid-Flood	B	6.30	17:04	9.03	8.32	31.65	23.13	2.28	2.5
WSR33	20210427	Cloudy	Moderate	Mid-Flood	B	6.30	17:04	8.73	8.28	31.10	23.31	2.15	4.3
WSR33	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:32	8.70	8.35	29.91	24.94	2.90	10.1
WSR33	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:32	8.68	8.41	30.33	25.15	2.54	4.5
WSR33	20210429	Sunny	Moderate	Mid-Flood	S	3.65	9:31	8.40	8.20	30.78	24.98	2.43	4.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210429	Sunny	Moderate	Mid-Flood	S	3.65	9:31	8.55	8.26	30.06	25.13	2.13	3.9
WSR33	20210429	Sunny	Moderate	Mid-Flood	B	6.30	9:30	8.68	8.19	30.30	24.89	1.88	3.2
WSR33	20210429	Sunny	Moderate	Mid-Flood	B	6.30	9:30	8.74	8.24	30.58	25.12	1.86	5.2
WSR36	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:54	8.63	8.11	31.39	27.20	2.41	2.5
WSR36	20210401	Sunny	Moderate	Mid-Flood	S	1.00	9:54	7.73	8.24	31.92	27.19	2.84	2.5
WSR36	20210401	Sunny	Moderate	Mid-Flood	S	3.20	9:54	8.07	8.19	31.76	27.35	1.91	2.5
WSR36	20210401	Sunny	Moderate	Mid-Flood	S	3.20	9:54	8.33	8.19	31.25	26.98	1.88	2.5
WSR36	20210401	Sunny	Moderate	Mid-Flood	B	5.40	9:53	8.48	8.11	31.23	27.02	2.07	2.5
WSR36	20210401	Sunny	Moderate	Mid-Flood	B	5.40	9:53	7.48	8.17	31.42	27.26	1.79	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:46	8.48	8.16	29.36	26.91	2.96	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	S	1.00	9:46	8.30	8.28	29.38	26.54	3.14	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	S	3.35	9:46	8.06	8.05	29.21	26.63	3.17	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	S	3.35	9:46	8.42	8.18	29.54	27.03	2.92	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	B	5.70	9:45	8.31	8.01	29.25	26.64	2.91	2.5
WSR36	20210403	Sunny	Moderate	Mid-Flood	B	5.70	9:45	8.06	8.17	29.18	26.55	2.44	2.5
WSR36	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	8.21	8.22	29.90	22.77	3.22	5.0
WSR36	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:39	8.40	8.32	29.80	22.71	2.80	5.1
WSR36	20210406	Cloudy	Moderate	Mid-Flood	S	3.40	9:39	8.33	8.20	29.89	22.74	2.59	4.3
WSR36	20210406	Cloudy	Moderate	Mid-Flood	S	3.40	9:39	8.70	8.40	30.13	22.73	3.02	6.9
WSR36	20210406	Cloudy	Moderate	Mid-Flood	B	5.80	9:38	8.33	8.34	29.71	22.59	2.72	6.2
WSR36	20210406	Cloudy	Moderate	Mid-Flood	B	5.80	9:38	8.48	8.36	29.81	22.60	2.69	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:25	8.80	8.54	30.49	23.92	3.21	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:25	9.24	8.44	29.98	24.16	3.17	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Flood	S	3.60	15:25	8.74	8.59	30.38	24.17	2.41	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Flood	S	3.60	15:25	9.14	8.35	30.66	24.19	2.87	2.9
WSR36	20210408	Cloudy	Moderate	Mid-Flood	B	6.20	15:24	8.89	8.44	30.26	24.17	2.53	2.8
WSR36	20210408	Cloudy	Moderate	Mid-Flood	B	6.20	15:24	8.60	8.55	30.42	23.90	2.65	2.8

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:01	8.91	8.41	31.82	23.25	2.94	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:01	8.67	8.16	31.23	23.44	2.56	2.6
WSR36	20210410	Cloudy	Moderate	Mid-Flood	S	3.20	17:01	9.21	8.40	31.55	23.38	2.54	3.4
WSR36	20210410	Cloudy	Moderate	Mid-Flood	S	3.20	17:01	8.94	8.34	31.60	23.24	2.79	3.6
WSR36	20210410	Cloudy	Moderate	Mid-Flood	B	5.40	17:00	8.82	8.46	31.11	23.52	2.44	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Flood	B	5.40	17:00	8.60	8.22	31.12	23.28	2.34	2.5
WSR36	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:46	9.96	8.21	30.55	27.72	2.27	5.5
WSR36	20210413	Sunny	Moderate	Mid-Flood	S	1.00	17:46	9.79	8.27	30.60	27.95	2.41	5.6
WSR36	20210413	Sunny	Moderate	Mid-Flood	S	3.35	17:46	8.79	8.29	31.42	27.89	2.06	5.2
WSR36	20210413	Sunny	Moderate	Mid-Flood	S	3.35	17:46	9.11	8.50	31.83	27.68	1.79	4.7
WSR36	20210413	Sunny	Moderate	Mid-Flood	B	5.70	17:45	9.93	8.40	31.72	27.95	2.25	5.1
WSR36	20210413	Sunny	Moderate	Mid-Flood	B	5.70	17:45	9.87	8.31	31.44	27.61	2.04	5.5
WSR36	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:54	7.89	8.30	31.98	22.83	2.67	2.5
WSR36	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	9:54	8.94	8.33	31.55	22.81	2.24	2.5
WSR36	20210415	Cloudy	Moderate	Mid-Flood	S	3.65	9:54	8.90	8.37	32.04	22.84	2.59	3.1
WSR36	20210415	Cloudy	Moderate	Mid-Flood	S	3.65	9:54	9.56	8.36	31.47	22.88	2.22	2.5
WSR36	20210415	Cloudy	Moderate	Mid-Flood	B	6.30	9:53	9.73	8.33	32.16	22.77	1.83	2.5
WSR36	20210415	Cloudy	Moderate	Mid-Flood	B	6.30	9:53	9.18	8.41	31.93	22.76	1.76	2.5
WSR36	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:49	8.65	8.67	31.93	22.65	2.14	2.5
WSR36	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	9:49	10.06	8.71	31.79	22.77	2.42	3.9
WSR36	20210417	Cloudy	Moderate	Mid-Flood	S	3.50	9:49	8.82	8.74	32.39	22.82	2.62	3.2
WSR36	20210417	Cloudy	Moderate	Mid-Flood	S	3.50	9:49	8.59	8.64	32.18	22.79	2.66	2.5
WSR36	20210417	Cloudy	Moderate	Mid-Flood	B	6.00	9:48	8.17	8.71	32.26	22.76	1.91	4.4
WSR36	20210417	Cloudy	Moderate	Mid-Flood	B	6.00	9:48	8.71	8.59	32.43	22.66	2.28	2.8
WSR36	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:51	6.76	8.25	27.81	23.94	3.18	2.5
WSR36	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	9:51	7.93	8.25	24.50	23.90	3.25	4.4
WSR36	20210420	Cloudy	Moderate	Mid-Flood	S	3.45	9:53	7.01	8.22	27.14	23.94	4.30	3.2

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210420	Cloudy	Moderate	Mid-Flood	S	3.45	9:53	7.69	8.24	27.24	23.94	4.54	4.1
WSR36	20210420	Cloudy	Moderate	Mid-Flood	B	5.90	9:55	7.22	8.22	27.49	23.94	3.70	3.4
WSR36	20210420	Cloudy	Moderate	Mid-Flood	B	5.90	9:55	7.63	8.23	27.51	23.93	4.02	4.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:54	8.22	8.09	30.89	28.82	2.15	2.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	S	1.00	10:54	9.12	8.09	30.69	28.82	2.04	2.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	S	3.55	10:54	8.65	8.19	30.47	28.81	2.08	2.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	S	3.55	10:54	8.02	8.18	30.26	28.87	2.27	2.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	B	6.10	10:53	8.93	8.16	31.08	28.93	2.13	2.5
WSR36	20210422	Sunny	Moderate	Mid-Flood	B	6.10	10:53	8.77	8.25	30.26	28.85	2.21	2.5
WSR36	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:48	8.97	8.13	31.51	24.26	2.50	2.6
WSR36	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	15:48	8.87	8.27	31.67	24.31	2.51	2.5
WSR36	20210424	Cloudy	Moderate	Mid-Flood	S	3.20	15:48	8.89	8.31	31.67	24.46	2.43	2.7
WSR36	20210424	Cloudy	Moderate	Mid-Flood	S	3.20	15:48	9.35	8.30	31.11	24.30	2.33	2.7
WSR36	20210424	Cloudy	Moderate	Mid-Flood	B	5.40	15:47	9.24	8.14	31.10	24.34	1.70	4.3
WSR36	20210424	Cloudy	Moderate	Mid-Flood	B	5.40	15:47	9.62	8.32	31.15	24.29	1.99	2.8
WSR36	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:24	9.96	8.37	31.55	23.13	2.28	2.5
WSR36	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:24	9.32	8.45	30.73	23.33	2.29	2.5
WSR36	20210427	Cloudy	Moderate	Mid-Flood	S	3.15	17:24	9.24	8.31	30.51	23.35	2.14	2.6
WSR36	20210427	Cloudy	Moderate	Mid-Flood	S	3.15	17:24	9.34	8.45	30.75	23.33	1.85	4.7
WSR36	20210427	Cloudy	Moderate	Mid-Flood	B	5.30	17:23	9.79	8.45	31.41	23.33	1.68	3.1
WSR36	20210427	Cloudy	Moderate	Mid-Flood	B	5.30	17:23	8.77	8.35	30.65	23.21	1.89	2.5
WSR36	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:45	8.57	8.39	30.78	24.99	2.40	5.0
WSR36	20210429	Sunny	Moderate	Mid-Flood	S	1.00	9:45	8.95	8.30	30.32	25.23	2.35	5.9
WSR36	20210429	Sunny	Moderate	Mid-Flood	S	3.40	9:45	8.60	8.21	30.16	25.23	2.15	5.7
WSR36	20210429	Sunny	Moderate	Mid-Flood	S	3.40	9:45	8.41	8.30	30.48	25.17	2.07	5.4
WSR36	20210429	Sunny	Moderate	Mid-Flood	B	5.80	9:44	8.39	8.21	30.11	24.93	2.17	4.6
WSR36	20210429	Sunny	Moderate	Mid-Flood	B	5.80	9:44	8.94	8.37	30.65	25.00	2.16	5.4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210401	Sunny	Moderate	Mid-Flood	S	1.00	10:12	9.68	8.17	31.89	27.42	2.62	2.5
WSR37	20210401	Sunny	Moderate	Mid-Flood	S	1.00	10:12	8.26	8.23	31.23	27.37	2.48	2.5
WSR37	20210401	Sunny	Moderate	Mid-Flood	S	3.80	10:11	9.09	8.24	31.90	27.25	2.61	2.5
WSR37	20210401	Sunny	Moderate	Mid-Flood	S	3.80	10:11	8.97	8.14	31.61	27.12	2.32	2.5
WSR37	20210401	Sunny	Moderate	Mid-Flood	B	6.60	10:10	8.29	8.10	31.61	27.47	1.75	2.5
WSR37	20210401	Sunny	Moderate	Mid-Flood	B	6.60	10:10	9.52	8.02	31.19	27.45	1.56	2.5
WSR37	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:03	8.34	8.14	29.09	26.90	3.40	2.8
WSR37	20210403	Sunny	Moderate	Mid-Flood	S	1.00	10:03	8.35	8.21	29.64	27.07	2.88	2.5
WSR37	20210403	Sunny	Moderate	Mid-Flood	S	4.40	10:02	8.36	8.04	29.47	27.08	2.65	2.5
WSR37	20210403	Sunny	Moderate	Mid-Flood	S	4.40	10:02	8.18	8.02	29.59	26.82	2.95	2.5
WSR37	20210403	Sunny	Moderate	Mid-Flood	B	7.80	10:01	8.28	8.06	29.26	27.03	2.33	2.5
WSR37	20210403	Sunny	Moderate	Mid-Flood	B	7.80	10:01	8.33	8.17	29.61	26.78	2.55	2.5
WSR37	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:52	8.26	8.39	29.94	22.59	3.18	4.4
WSR37	20210406	Cloudy	Moderate	Mid-Flood	S	1.00	9:52	8.63	8.20	30.01	22.67	2.69	4.3
WSR37	20210406	Cloudy	Moderate	Mid-Flood	S	3.80	9:51	8.52	8.28	29.96	22.89	2.95	5.1
WSR37	20210406	Cloudy	Moderate	Mid-Flood	S	3.80	9:51	8.53	8.25	29.94	22.76	2.67	4.3
WSR37	20210406	Cloudy	Moderate	Mid-Flood	B	6.60	9:50	8.26	8.35	29.83	22.74	2.43	6.6
WSR37	20210406	Cloudy	Moderate	Mid-Flood	B	6.60	9:50	8.34	8.20	30.15	22.77	2.53	4.8
WSR37	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:41	9.13	8.42	30.32	24.18	2.51	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Flood	S	1.00	15:41	8.47	8.34	29.90	24.21	2.60	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Flood	S	4.00	15:40	8.76	8.44	30.38	23.94	2.94	2.7
WSR37	20210408	Cloudy	Moderate	Mid-Flood	S	4.00	15:40	8.75	8.47	30.77	24.00	2.65	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Flood	B	7.00	15:39	9.07	8.50	30.40	24.05	2.49	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Flood	B	7.00	15:39	9.04	8.45	30.24	24.19	2.13	2.5
WSR37	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:14	8.66	8.26	31.79	23.43	3.36	3.0
WSR37	20210410	Cloudy	Moderate	Mid-Flood	S	1.00	17:14	9.20	8.18	31.77	23.25	3.07	3.1
WSR37	20210410	Cloudy	Moderate	Mid-Flood	S	4.10	17:13	8.77	8.39	31.23	23.29	2.95	3.0

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210410	Cloudy	Moderate	Mid-Flood	S	4.10	17:13	8.34	8.45	31.25	23.46	3.14	3.8
WSR37	20210410	Cloudy	Moderate	Mid-Flood	B	7.20	17:12	9.18	8.45	31.54	23.23	2.16	3.4
WSR37	20210410	Cloudy	Moderate	Mid-Flood	B	7.20	17:12	8.73	8.34	31.27	23.42	2.47	2.5
WSR37	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:04	8.54	8.23	31.66	27.92	2.45	5.0
WSR37	20210413	Sunny	Moderate	Mid-Flood	S	1.00	18:04	9.18	8.39	30.97	27.73	2.09	4.2
WSR37	20210413	Sunny	Moderate	Mid-Flood	S	4.00	18:03	8.84	8.33	30.53	27.89	2.54	6.2
WSR37	20210413	Sunny	Moderate	Mid-Flood	S	4.00	18:03	9.01	8.25	31.80	27.76	2.34	5.2
WSR37	20210413	Sunny	Moderate	Mid-Flood	B	7.00	18:02	8.71	8.44	31.24	27.89	1.67	6.0
WSR37	20210413	Sunny	Moderate	Mid-Flood	B	7.00	18:02	8.40	8.18	31.83	27.80	1.97	6.5
WSR37	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	10:12	9.71	8.32	32.07	22.83	2.19	3.0
WSR37	20210415	Cloudy	Moderate	Mid-Flood	S	1.00	10:12	9.37	8.30	31.60	22.90	2.20	2.5
WSR37	20210415	Cloudy	Moderate	Mid-Flood	S	4.15	10:11	8.54	8.45	31.55	22.89	1.76	2.8
WSR37	20210415	Cloudy	Moderate	Mid-Flood	S	4.15	10:11	9.49	8.45	31.60	22.88	1.49	2.5
WSR37	20210415	Cloudy	Moderate	Mid-Flood	B	7.30	10:10	8.69	8.52	32.19	22.93	2.13	2.5
WSR37	20210415	Cloudy	Moderate	Mid-Flood	B	7.30	10:10	8.21	8.42	31.57	22.86	1.78	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:07	8.54	8.61	32.06	22.63	2.93	3.1
WSR37	20210417	Cloudy	Moderate	Mid-Flood	S	1.00	10:07	8.53	8.74	32.05	22.81	2.72	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Flood	S	4.20	10:06	9.52	8.69	32.12	22.66	2.84	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Flood	S	4.20	10:06	8.63	8.56	31.92	22.91	2.87	3.3
WSR37	20210417	Cloudy	Moderate	Mid-Flood	B	7.40	10:05	8.08	8.75	31.90	22.61	2.58	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Flood	B	7.40	10:05	9.66	8.58	32.12	22.83	2.63	2.5
WSR37	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:14	7.48	8.26	26.80	23.87	3.53	6.2
WSR37	20210420	Cloudy	Moderate	Mid-Flood	S	1.00	10:14	8.07	8.34	27.82	23.94	2.95	4.2
WSR37	20210420	Cloudy	Moderate	Mid-Flood	S	4.30	10:13	7.77	8.46	27.58	23.69	2.42	5.1
WSR37	20210420	Cloudy	Moderate	Mid-Flood	S	4.30	10:13	7.81	8.41	27.01	23.67	2.30	5.0
WSR37	20210420	Cloudy	Moderate	Mid-Flood	B	7.60	10:12	7.60	8.28	27.85	23.70	3.08	3.7
WSR37	20210420	Cloudy	Moderate	Mid-Flood	B	7.60	10:12	7.94	8.33	27.64	23.84	2.64	4.1

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210422	Sunny	Moderate	Mid-Flood	S	1.00	11:12	8.53	8.10	30.22	28.88	2.47	2.5
WSR37	20210422	Sunny	Moderate	Mid-Flood	S	1.00	11:12	8.26	8.14	30.40	28.80	2.44	3.0
WSR37	20210422	Sunny	Moderate	Mid-Flood	S	4.45	11:11	8.78	8.09	30.90	28.94	2.07	2.5
WSR37	20210422	Sunny	Moderate	Mid-Flood	S	4.45	11:11	8.71	8.08	30.26	28.81	2.21	2.5
WSR37	20210422	Sunny	Moderate	Mid-Flood	B	7.90	11:10	9.20	8.11	31.30	28.95	2.13	2.5
WSR37	20210422	Sunny	Moderate	Mid-Flood	B	7.90	11:10	8.76	8.18	30.26	28.93	2.06	2.5
WSR37	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:06	8.77	8.26	31.19	24.16	2.36	5.6
WSR37	20210424	Cloudy	Moderate	Mid-Flood	S	1.00	16:06	9.22	8.19	31.37	24.26	2.19	2.5
WSR37	20210424	Cloudy	Moderate	Mid-Flood	S	4.45	16:05	9.53	8.17	31.15	24.08	1.93	2.9
WSR37	20210424	Cloudy	Moderate	Mid-Flood	S	4.45	16:05	9.54	8.15	31.20	24.19	1.66	2.7
WSR37	20210424	Cloudy	Moderate	Mid-Flood	B	7.90	16:04	9.26	8.31	31.43	24.29	1.65	2.5
WSR37	20210424	Cloudy	Moderate	Mid-Flood	B	7.90	16:04	8.93	8.14	31.39	24.17	1.69	4.2
WSR37	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:38	8.45	8.45	31.62	23.18	2.45	2.5
WSR37	20210427	Cloudy	Moderate	Mid-Flood	S	1.00	17:38	9.74	8.45	31.25	23.03	2.47	4.2
WSR37	20210427	Cloudy	Moderate	Mid-Flood	S	4.05	17:37	8.40	8.44	31.07	23.07	1.90	4.2
WSR37	20210427	Cloudy	Moderate	Mid-Flood	S	4.05	17:37	9.47	8.34	30.90	23.26	2.04	6.1
WSR37	20210427	Cloudy	Moderate	Mid-Flood	B	7.10	17:36	9.29	8.49	31.41	23.04	2.09	3.3
WSR37	20210427	Cloudy	Moderate	Mid-Flood	B	7.10	17:36	9.03	8.46	30.79	23.19	1.86	3.6
WSR37	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:03	8.50	8.40	30.16	25.31	2.42	4.4
WSR37	20210429	Sunny	Moderate	Mid-Flood	S	1.00	10:03	8.90	8.21	30.11	25.21	2.86	4.9
WSR37	20210429	Sunny	Moderate	Mid-Flood	S	4.10	10:02	9.06	8.41	30.15	25.29	2.34	4.9
WSR37	20210429	Sunny	Moderate	Mid-Flood	S	4.10	10:02	8.83	8.36	30.34	25.23	2.54	5.4
WSR37	20210429	Sunny	Moderate	Mid-Flood	B	7.20	10:01	8.51	8.39	30.86	25.33	2.38	5.2
WSR37	20210429	Sunny	Moderate	Mid-Flood	B	7.20	10:01	8.91	8.43	30.35	25.26	2.03	4.6

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Note 2: 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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:13	8.10	8.37	31.18	27.83	3.60	2.5
CE	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:13	8.83	8.36	31.00	27.63	3.88	2.5
CE	20210401	Sunny	Moderate	Mid-Ebb	Middle	11.55	13:12	7.93	8.16	31.04	27.92	3.90	2.5
CE	20210401	Sunny	Moderate	Mid-Ebb	Middle	11.55	13:12	8.76	8.35	31.73	27.88	3.36	2.5
CE	20210401	Sunny	Moderate	Mid-Ebb	Bottom	22.10	13:11	8.00	8.16	31.50	27.97	3.25	2.5
CE	20210401	Sunny	Moderate	Mid-Ebb	Bottom	22.10	13:11	9.22	8.26	30.90	27.69	2.96	2.5
CE	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:58	8.43	7.95	28.89	27.33	3.95	2.9
CE	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:58	8.29	8.24	28.77	27.18	3.75	2.5
CE	20210403	Sunny	Moderate	Mid-Ebb	Middle	12.05	14:57	8.88	8.11	29.35	27.16	3.95	2.5
CE	20210403	Sunny	Moderate	Mid-Ebb	Middle	12.05	14:57	8.07	8.23	29.17	27.18	3.46	2.9
CE	20210403	Sunny	Moderate	Mid-Ebb	Bottom	23.10	14:56	8.49	8.19	29.04	27.26	3.61	2.5
CE	20210403	Sunny	Moderate	Mid-Ebb	Bottom	23.10	14:56	8.21	8.07	29.42	27.11	3.97	2.5
CE	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	8.38	8.21	29.79	23.41	3.55	5.2
CE	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	8.26	8.36	29.59	23.22	3.63	5.7
CE	20210406	Cloudy	Moderate	Mid-Ebb	Middle	11.80	15:31	8.74	8.30	29.87	23.24	3.46	3.1
CE	20210406	Cloudy	Moderate	Mid-Ebb	Middle	11.80	15:31	8.64	8.28	29.58	23.29	3.91	2.5
CE	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	22.60	15:30	8.55	8.30	29.72	23.27	3.12	3.1
CE	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	22.60	15:30	8.40	8.21	29.66	23.34	3.22	4.3
CE	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:47	9.29	8.26	30.02	23.69	3.63	2.5
CE	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:47	8.60	8.43	30.49	23.64	3.28	2.5
CE	20210408	Cloudy	Moderate	Mid-Ebb	Middle	11.65	8:46	9.14	8.26	30.22	23.32	3.39	2.5
CE	20210408	Cloudy	Moderate	Mid-Ebb	Middle	11.65	8:46	8.86	8.33	30.38	23.44	3.46	2.5
CE	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	22.30	8:45	9.18	8.25	30.11	23.68	3.08	2.5
CE	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	22.30	8:45	9.38	8.22	30.50	23.53	3.37	2.5
CE	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:46	8.60	8.17	31.33	23.81	3.74	2.5
CE	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:46	9.18	8.41	31.80	23.47	3.84	2.5
CE	20210410	Cloudy	Moderate	Mid-Ebb	Middle	11.95	9:45	9.10	8.40	31.39	23.71	3.60	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210410	Cloudy	Moderate	Mid-Ebb	Middle	11.95	9:45	9.13	8.21	31.19	23.56	3.79	2.7
CE	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	22.90	9:44	8.68	8.18	30.98	23.53	3.42	3.2
CE	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	22.90	9:44	9.15	8.15	31.93	23.73	3.86	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:32	9.20	8.50	30.42	28.39	3.25	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:32	8.69	8.26	30.35	28.32	3.49	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Middle	10.05	11:31	9.71	8.34	31.42	28.71	3.03	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Middle	10.05	11:31	9.98	8.36	31.51	28.46	3.00	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Bottom	19.10	11:30	9.13	8.31	30.63	28.41	3.16	2.5
CE	20210413	Sunny	Moderate	Mid-Ebb	Bottom	19.10	11:30	8.87	8.53	30.92	28.51	3.35	2.5
CE	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:17	8.03	8.47	32.05	23.08	3.73	2.5
CE	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:17	8.81	8.36	31.82	23.17	3.55	2.5
CE	20210415	Cloudy	Moderate	Mid-Ebb	Middle	10.85	12:16	9.50	8.45	31.43	23.24	3.58	2.9
CE	20210415	Cloudy	Moderate	Mid-Ebb	Middle	10.85	12:16	8.87	8.33	31.55	23.25	3.25	2.5
CE	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	20.70	12:15	8.48	8.38	31.62	23.26	3.00	3
CE	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	20.70	12:15	8.95	8.43	32.32	23.05	3.29	3.3
CE	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:47	8.56	8.55	31.37	23.14	3.98	2.5
CE	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:47	9.71	8.58	32.31	23.27	3.38	2.5
CE	20210417	Cloudy	Moderate	Mid-Ebb	Middle	11.15	12:46	9.17	8.49	31.28	23.09	3.15	4.1
CE	20210417	Cloudy	Moderate	Mid-Ebb	Middle	11.15	12:46	9.61	8.66	31.37	23.03	3.73	3.1
CE	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	21.30	12:45	9.09	8.64	31.30	23.16	2.73	2.7
CE	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	21.30	12:45	9.61	8.51	31.75	23.03	3.15	2.5
CE	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	8.19	8.44	27.76	23.88	4.15	2.5
CE	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	7.45	8.41	26.98	24.05	3.77	3.6
CE	20210420	Cloudy	Moderate	Mid-Ebb	Middle	10.05	15:31	7.68	8.31	27.27	23.99	3.97	4.4
CE	20210420	Cloudy	Moderate	Mid-Ebb	Middle	10.05	15:31	7.92	8.48	26.78	23.89	3.74	3.2
CE	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	15:30	7.48	8.29	27.29	23.90	4.64	2.5
CE	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	15:30	7.74	8.40	27.12	23.97	4.57	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:02	8.01	8.13	30.66	28.94	3.59	2.8
CE	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:02	8.07	8.18	30.43	28.91	3.13	2.6
CE	20210422	Sunny	Moderate	Mid-Ebb	Middle	12.00	16:01	9.00	8.24	30.65	28.94	3.61	3.3
CE	20210422	Sunny	Moderate	Mid-Ebb	Middle	12.00	16:01	8.99	8.27	31.16	28.83	3.27	2.5
CE	20210422	Sunny	Moderate	Mid-Ebb	Bottom	23.00	16:00	8.80	8.28	30.46	28.97	2.85	2.5
CE	20210422	Sunny	Moderate	Mid-Ebb	Bottom	23.00	16:00	8.29	8.21	30.83	29.04	3.08	2.5
CE	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:34	8.84	8.17	31.11	23.67	3.12	3.0
CE	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:34	9.11	8.27	31.22	23.70	3.06	2.5
CE	20210424	Cloudy	Moderate	Mid-Ebb	Middle	11.65	8:33	8.89	8.27	31.38	23.71	3.08	2.5
CE	20210424	Cloudy	Moderate	Mid-Ebb	Middle	11.65	8:33	8.70	8.33	31.02	23.56	3.12	5.1
CE	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	22.30	8:32	8.96	8.10	31.11	23.67	3.11	2.7
CE	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	22.30	8:32	8.96	8.36	30.74	23.62	3.01	2.9
CE	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.39	8.41	31.02	23.31	3.66	2.9
CE	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.27	8.30	30.84	23.29	3.72	2.5
CE	20210427	Cloudy	Moderate	Mid-Ebb	Middle	11.80	10:26	8.59	8.25	31.20	23.35	3.18	3.1
CE	20210427	Cloudy	Moderate	Mid-Ebb	Middle	11.80	10:26	9.77	8.23	30.87	23.34	3.49	2.9
CE	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	22.60	10:25	9.12	8.51	30.94	23.34	3.27	2.5
CE	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	22.60	10:25	10.13	8.44	30.98	23.21	3.29	2.5
CE	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:53	8.88	8.27	30.08	26.14	3.14	4.3
CE	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:53	8.77	8.21	30.72	26.31	3.66	4.7
CE	20210429	Sunny	Moderate	Mid-Ebb	Middle	10.80	11:52	9.07	8.24	30.42	26.33	3.03	4.9
CE	20210429	Sunny	Moderate	Mid-Ebb	Middle	10.80	11:52	8.65	8.23	30.68	26.11	2.81	3.2
CE	20210429	Sunny	Moderate	Mid-Ebb	Bottom	20.60	11:51	8.76	8.33	30.39	26.16	3.15	5.1
CE	20210429	Sunny	Moderate	Mid-Ebb	Bottom	20.60	11:51	8.71	8.15	30.09	26.17	2.94	5.3
CF	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:12	8.04	8.38	31.96	28.03	3.46	2.5
CF	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:12	9.54	8.35	31.73	27.78	3.37	2.5
CF	20210401	Sunny	Moderate	Mid-Ebb	Middle	10.05	16:11	8.02	8.28	31.33	27.92	3.66	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210401	Sunny	Moderate	Mid-Ebb	Middle	10.05	16:11	9.24	8.11	31.32	28.00	4.15	2.5
CF	20210401	Sunny	Moderate	Mid-Ebb	Bottom	19.10	16:10	8.86	8.31	31.26	27.74	3.24	2.5
CF	20210401	Sunny	Moderate	Mid-Ebb	Bottom	19.10	16:10	8.99	8.09	31.33	27.90	3.06	2.5
CF	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:40	8.68	8.19	29.26	27.26	3.24	3.3
CF	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:40	8.80	8.18	29.04	27.39	2.98	2.5
CF	20210403	Sunny	Moderate	Mid-Ebb	Middle	9.95	17:39	8.22	8.31	29.37	27.24	2.92	2.5
CF	20210403	Sunny	Moderate	Mid-Ebb	Middle	9.95	17:39	8.86	8.10	28.82	27.28	2.57	2.5
CF	20210403	Sunny	Moderate	Mid-Ebb	Bottom	18.90	17:38	8.09	8.28	29.12	27.28	3.59	2.5
CF	20210403	Sunny	Moderate	Mid-Ebb	Bottom	18.90	17:38	8.57	7.97	29.10	27.32	3.06	2.5
CF	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:59	8.49	8.36	29.88	23.21	3.05	4.8
CF	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:59	8.34	8.27	29.85	23.06	3.52	2.7
CF	20210406	Cloudy	Moderate	Mid-Ebb	Middle	10.50	17:58	8.33	8.21	29.66	23.21	3.94	3.1
CF	20210406	Cloudy	Moderate	Mid-Ebb	Middle	10.50	17:58	8.62	8.27	29.78	23.16	3.41	2.5
CF	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	20.00	17:57	8.44	8.27	29.71	23.20	3.55	3.3
CF	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	20.00	17:57	8.51	8.33	29.71	23.22	3.74	3.3
CF	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:25	8.84	8.33	30.08	23.78	3.42	2.5
CF	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:25	9.31	8.27	30.32	23.63	4.10	2.5
CF	20210408	Cloudy	Moderate	Mid-Ebb	Middle	10.55	11:24	8.61	8.40	30.01	23.64	3.99	2.9
CF	20210408	Cloudy	Moderate	Mid-Ebb	Middle	10.55	11:24	8.62	8.29	30.09	23.77	3.65	2.5
CF	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	20.10	11:23	9.15	8.25	30.00	23.90	3.60	2.5
CF	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	20.10	11:23	9.00	8.29	29.96	23.61	3.35	2.5
CF	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:06	8.95	8.32	31.62	23.45	3.87	2.5
CF	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:06	8.77	8.44	31.67	23.71	3.79	2.5
CF	20210410	Cloudy	Moderate	Mid-Ebb	Middle	9.85	12:05	8.77	8.33	30.87	23.53	3.16	2.6
CF	20210410	Cloudy	Moderate	Mid-Ebb	Middle	9.85	12:05	8.67	8.12	31.11	23.45	3.02	2.7
CF	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	18.70	12:04	8.85	8.33	31.98	23.55	3.71	2.5
CF	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	18.70	12:04	8.98	8.20	31.16	23.72	3.27	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:18	9.25	8.39	31.30	28.49	3.02	2.5
CF	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:18	9.44	8.40	30.49	28.88	3.28	3.2
CF	20210413	Sunny	Moderate	Mid-Ebb	Middle	10.80	14:17	9.47	8.47	31.34	28.82	3.24	3.0
CF	20210413	Sunny	Moderate	Mid-Ebb	Middle	10.80	14:17	8.84	8.43	30.57	28.84	3.36	3.0
CF	20210413	Sunny	Moderate	Mid-Ebb	Bottom	20.60	14:16	9.52	8.32	31.39	28.70	2.82	2.8
CF	20210413	Sunny	Moderate	Mid-Ebb	Bottom	20.60	14:16	9.35	8.50	30.50	28.82	3.08	2.8
CF	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:16	9.55	8.49	31.83	23.28	1.73	4.1
CF	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:16	8.54	8.22	32.10	23.09	2.00	4.6
CF	20210415	Cloudy	Moderate	Mid-Ebb	Middle	10.70	15:15	8.15	8.41	31.95	23.20	1.79	7.5
CF	20210415	Cloudy	Moderate	Mid-Ebb	Middle	10.70	15:15	9.58	8.31	31.32	23.19	1.64	3
CF	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	20.40	15:14	8.66	8.32	31.09	23.27	1.78	3
CF	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	20.40	15:14	8.47	8.40	32.30	23.24	1.66	3
CF	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:38	8.53	8.64	32.06	23.11	3.35	2.5
CF	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:38	9.07	8.52	31.21	23.22	3.79	2.5
CF	20210417	Cloudy	Moderate	Mid-Ebb	Middle	10.20	15:37	8.95	8.59	32.21	23.04	3.60	2.5
CF	20210417	Cloudy	Moderate	Mid-Ebb	Middle	10.20	15:37	8.72	8.58	31.97	23.07	3.27	2.5
CF	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	19.40	15:36	8.40	8.68	31.28	23.02	3.44	2.5
CF	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	19.40	15:36	8.07	8.72	31.92	23.04	3.08	3.8
CF	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:15	7.99	8.46	27.98	23.91	4.33	3.4
CF	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:15	8.10	8.48	27.91	24.06	4.30	4.4
CF	20210420	Cloudy	Moderate	Mid-Ebb	Middle	10.05	18:14	7.65	8.33	27.17	24.17	4.31	3.6
CF	20210420	Cloudy	Moderate	Mid-Ebb	Middle	10.05	18:14	7.98	8.22	27.80	24.07	3.85	4.1
CF	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	18:13	7.58	8.34	27.67	23.97	4.61	2.9
CF	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	18:13	8.15	8.37	27.71	24.10	4.50	3.6
CF	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	19:01	8.19	8.13	31.04	28.81	2.87	3.5
CF	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	19:01	8.69	8.24	30.74	28.62	2.45	4.5
CF	20210422	Sunny	Moderate	Mid-Ebb	Middle	9.85	19:00	8.27	8.15	31.07	28.65	2.62	3.9

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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210422	Sunny	Moderate	Mid-Ebb	Middle	9.85	19:00	8.76	8.11	30.98	28.78	2.66	3.3
CF	20210422	Sunny	Moderate	Mid-Ebb	Bottom	18.70	18:59	8.52	8.18	31.07	28.77	3.55	2.8
CF	20210422	Sunny	Moderate	Mid-Ebb	Bottom	18.70	18:59	8.59	8.15	31.12	28.77	2.96	2.5
CF	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:33	9.22	8.34	31.10	23.99	2.81	2.6
CF	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:33	9.36	8.25	31.05	23.96	2.90	2.5
CF	20210424	Cloudy	Moderate	Mid-Ebb	Middle	9.95	11:32	9.15	8.19	31.27	24.17	2.90	2.5
CF	20210424	Cloudy	Moderate	Mid-Ebb	Middle	9.95	11:32	8.76	8.10	30.99	24.17	3.00	2.5
CF	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	18.90	11:31	9.06	8.36	30.98	24.01	3.79	2.5
CF	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	18.90	11:31	9.02	8.29	30.78	24.14	3.34	2.5
CF	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:26	8.95	8.22	30.93	23.69	3.65	3.0
CF	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:26	9.16	8.36	31.66	23.75	3.22	2.6
CF	20210427	Cloudy	Moderate	Mid-Ebb	Middle	10.05	13:25	10.05	8.24	31.36	23.80	3.30	2.9
CF	20210427	Cloudy	Moderate	Mid-Ebb	Middle	10.05	13:25	9.01	8.36	31.51	23.89	3.17	3.4
CF	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	13:24	9.47	8.39	30.71	23.66	2.80	2.5
CF	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	19.10	13:24	10.05	8.35	31.51	23.86	2.79	3.4
CF	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:39	9.11	8.20	30.40	26.80	3.18	4.0
CF	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:39	8.77	8.20	30.34	26.62	3.00	4.9
CF	20210429	Sunny	Moderate	Mid-Ebb	Middle	9.75	14:38	8.89	8.25	30.73	26.69	2.85	4.9
CF	20210429	Sunny	Moderate	Mid-Ebb	Middle	9.75	14:38	8.58	8.32	30.54	26.75	3.07	4.6
CF	20210429	Sunny	Moderate	Mid-Ebb	Bottom	18.50	14:37	8.62	8.20	30.30	26.75	2.81	4.5
CF	20210429	Sunny	Moderate	Mid-Ebb	Bottom	18.50	14:37	8.93	8.32	30.54	26.77	2.96	4.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:46	8.86	8.13	30.92	27.71	2.51	2.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:46	8.21	8.22	31.13	27.72	2.36	2.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.55	15:45	8.51	8.10	31.88	27.66	2.14	2.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.55	15:45	8.92	8.28	30.79	27.92	2.11	2.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Bottom	8.10	15:44	8.57	8.30	31.85	27.79	2.07	2.5
WSR01	20210401	Sunny	Moderate	Mid-Ebb	Bottom	8.10	15:44	8.55	8.13	31.94	27.86	2.11	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:17	8.18	8.02	29.24	27.30	3.49	2.5
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:17	8.42	8.09	29.36	27.45	3.24	2.5
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.20	17:16	8.45	8.24	29.35	27.46	3.02	2.5
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.20	17:16	8.18	8.07	29.43	27.31	2.76	2.5
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.40	17:15	8.93	8.04	29.42	27.34	2.56	4.1
WSR01	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.40	17:15	8.66	8.10	29.14	27.33	2.76	4.2
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:36	8.32	8.35	29.79	23.11	2.63	4.0
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:36	8.44	8.25	29.91	23.21	3.02	3.8
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.50	17:35	8.56	8.19	29.81	23.13	2.21	4.0
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.50	17:35	8.72	8.23	29.64	23.28	2.44	3.4
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	17:34	8.61	8.21	29.71	23.10	2.69	2.5
WSR01	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	17:34	8.78	8.27	29.84	23.11	2.40	3.2
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:02	9.07	8.33	30.62	23.88	2.43	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:02	9.17	8.24	30.35	23.86	2.11	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.50	11:01	8.61	8.34	30.39	23.62	2.67	2.5
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.50	11:01	8.91	8.56	30.51	23.83	2.85	3.2
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	11:00	9.14	8.47	30.42	23.72	2.15	3.5
WSR01	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	11:00	8.91	8.54	30.19	23.63	2.07	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:45	9.11	8.31	31.66	23.74	3.02	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:45	8.87	8.17	30.74	23.66	2.97	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.35	11:44	8.74	8.15	31.33	23.86	2.80	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.35	11:44	9.07	8.31	31.08	23.68	2.71	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	7.70	11:43	8.77	8.34	31.55	23.73	2.80	2.5
WSR01	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	7.70	11:43	8.78	8.18	31.63	23.88	2.55	3.2
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:52	9.52	8.33	30.71	28.64	2.48	2.7
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:52	8.71	8.27	30.90	28.71	2.42	3.0
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.70	13:51	9.57	8.48	30.43	28.60	2.21	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.70	13:51	9.37	8.24	30.40	28.75	2.21	2.6
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Bottom	8.40	13:50	9.62	8.33	31.53	28.71	2.02	2.5
WSR01	20210413	Sunny	Moderate	Mid-Ebb	Bottom	8.40	13:50	9.43	8.48	30.97	28.60	2.17	3.1
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:50	9.09	8.45	32.02	23.16	2.58	3.4
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:50	9.20	8.21	32.21	23.31	2.53	4.7
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.70	14:49	8.22	8.50	31.66	23.25	2.06	3.9
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.70	14:49	8.02	8.44	31.80	23.16	2.06	4.2
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	8.40	14:48	9.29	8.36	31.42	23.36	1.85	2.5
WSR01	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	8.40	14:48	8.77	8.47	31.63	23.27	1.61	2.5
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:15	8.34	8.47	31.81	23.35	2.27	4.2
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:15	9.29	8.71	31.59	23.35	2.37	4.1
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.35	15:14	8.42	8.64	32.03	23.37	2.64	4.1
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.35	15:14	8.04	8.65	31.55	23.21	2.75	2.5
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	7.70	15:13	9.78	8.52	31.61	23.39	2.55	3.1
WSR01	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	7.70	15:13	8.25	8.49	31.93	23.38	2.47	3.5
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:52	7.58	8.21	27.35	24.24	2.88	3.1
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:52	7.98	8.46	26.76	24.12	3.26	3.0
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.60	17:51	7.64	8.36	27.33	24.06	2.98	2.9
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.60	17:51	7.45	8.44	27.73	24.14	2.55	5.2
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	8.20	17:50	7.76	8.48	27.47	24.25	2.45	3.7
WSR01	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	8.20	17:50	7.49	8.37	27.86	24.03	2.65	4.3
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	18:35	8.17	8.27	30.37	28.74	2.90	2.7
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	18:35	9.06	8.19	30.92	28.62	2.89	2.5
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.60	18:34	8.18	8.11	30.83	28.79	2.11	3.4
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.60	18:34	8.94	8.14	30.64	28.75	2.37	3.1
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Bottom	8.20	18:33	8.06	8.20	30.35	28.69	2.40	3.1
WSR01	20210422	Sunny	Moderate	Mid-Ebb	Bottom	8.20	18:33	8.75	8.13	31.00	28.70	2.25	2.6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:07	9.04	8.08	31.25	24.10	2.28	2.5
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:07	9.35	8.14	31.29	24.12	2.27	2.5
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Middle	4.45	11:06	9.21	8.33	31.30	24.01	2.58	2.5
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Middle	4.45	11:06	8.82	8.20	30.86	24.10	2.30	2.8
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	11:05	8.91	8.32	31.22	24.12	1.68	2.5
WSR01	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	11:05	9.41	8.36	31.12	24.07	1.96	2.5
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:58	9.17	8.37	30.48	23.74	2.35	4.6
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:58	8.71	8.51	30.90	23.57	2.12	3.3
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.20	12:57	9.81	8.47	31.52	23.74	2.08	2.5
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.20	12:57	8.93	8.42	30.66	23.67	2.26	2.8
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	7.40	12:56	9.54	8.50	31.50	23.91	2.35	2.9
WSR01	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	7.40	12:56	9.09	8.49	30.81	23.69	2.04	3.2
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:16	8.67	8.30	30.57	26.75	2.34	5.2
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:16	9.02	8.16	30.59	26.65	2.25	3.7
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.75	14:15	8.65	8.21	30.31	26.84	2.26	4.7
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.75	14:15	8.93	8.15	30.27	26.72	1.99	5.7
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Bottom	8.50	14:14	9.15	8.40	30.25	26.87	2.15	4.4
WSR01	20210429	Sunny	Moderate	Mid-Ebb	Bottom	8.50	14:14	8.77	8.16	30.58	26.76	2.05	3.1
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:25	8.52	8.10	31.73	27.84	2.71	2.5
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:25	8.84	8.11	31.90	27.67	2.62	2.5
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.70	15:24	9.34	8.38	31.84	27.91	2.43	2.5
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.70	15:24	8.75	8.33	31.69	27.60	2.58	2.5
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Bottom	8.40	15:23	9.16	8.28	31.11	27.63	2.23	2.5
WSR02	20210401	Sunny	Moderate	Mid-Ebb	Bottom	8.40	15:23	8.43	8.27	31.05	27.73	2.30	2.5
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:56	8.54	8.28	28.98	27.13	2.66	2.5
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:56	8.48	8.30	28.90	27.24	3.10	2.7
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.85	16:55	8.78	8.04	29.37	27.15	2.97	3.6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.85	16:55	8.17	8.18	28.88	27.43	2.81	2.9
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Bottom	8.70	16:54	8.42	8.09	28.73	27.31	3.03	4.5
WSR02	20210403	Sunny	Moderate	Mid-Ebb	Bottom	8.70	16:54	8.89	7.96	29.39	27.11	3.03	4.7
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:19	8.51	8.18	29.84	23.17	2.61	3.5
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:19	8.89	8.29	29.66	23.17	2.93	2.5
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.60	17:18	8.83	8.28	29.64	23.24	2.64	2.5
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.60	17:18	8.85	8.34	29.78	23.29	2.33	2.8
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	8.20	17:17	8.32	8.24	29.90	23.28	2.51	2.5
WSR02	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	8.20	17:17	8.68	8.32	29.91	23.21	2.22	2.9
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:43	9.28	8.56	30.35	23.50	3.13	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:43	9.09	8.39	30.59	23.77	2.83	2.6
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.85	10:42	8.60	8.49	30.25	23.78	2.51	2.7
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.85	10:42	8.79	8.34	29.98	23.69	2.47	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	8.70	10:41	9.01	8.21	29.97	23.73	2.07	2.5
WSR02	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	8.70	10:41	8.88	8.55	30.28	23.59	2.40	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:29	8.83	8.36	31.75	23.89	2.78	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:29	9.12	8.30	31.17	23.90	2.74	2.5
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.90	11:28	9.20	8.45	31.44	23.80	2.64	4.9
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.90	11:28	9.24	8.29	31.59	23.98	2.25	2.7
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	11:27	9.21	8.36	31.21	23.72	2.04	2.6
WSR02	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	11:27	8.57	8.21	31.10	23.83	2.23	3.4
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:33	8.77	8.26	31.46	28.78	2.59	2.5
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:33	8.95	8.37	31.03	28.62	2.54	2.5
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.70	13:32	9.02	8.48	30.84	28.80	2.15	2.5
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.70	13:32	8.96	8.48	30.71	28.56	2.57	2.5
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Bottom	8.40	13:31	9.65	8.29	31.06	28.64	1.95	3.5
WSR02	20210413	Sunny	Moderate	Mid-Ebb	Bottom	8.40	13:31	9.12	8.55	30.18	28.78	1.69	3.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:29	9.21	8.27	31.74	23.18	1.85	3.0
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:29	9.37	8.30	31.25	23.31	1.58	3.0
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.55	14:28	8.44	8.35	31.43	23.14	2.36	4.0
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.55	14:28	9.03	8.24	31.46	23.28	1.98	3.0
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	8.10	14:27	8.80	8.25	32.05	23.34	1.67	2.5
WSR02	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	8.10	14:27	8.29	8.23	31.59	23.36	1.81	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:56	9.75	8.60	32.16	23.41	2.23	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:56	8.08	8.51	31.49	23.14	2.35	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.75	14:55	9.76	8.58	32.35	23.38	2.55	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.75	14:55	8.80	8.63	31.66	23.34	2.14	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	8.50	14:54	8.37	8.52	31.32	23.19	1.95	2.5
WSR02	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	8.50	14:54	9.92	8.72	31.18	23.15	2.14	3.4
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:34	7.71	8.42	27.52	24.06	3.35	3.0
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:34	8.24	8.49	27.35	24.13	3.21	2.5
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.90	17:33	8.21	8.26	27.48	23.95	2.77	4.4
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.90	17:33	7.66	8.41	27.67	24.14	3.16	2.5
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	17:32	7.79	8.36	27.74	24.24	2.99	2.5
WSR02	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	17:32	7.84	8.31	27.63	24.08	2.62	5.8
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	18:14	8.12	8.29	30.28	28.76	2.15	5.2
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	18:14	8.81	8.31	30.30	28.74	2.44	3.0
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.80	18:13	8.60	8.11	31.00	28.73	2.65	4.0
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.80	18:13	8.05	8.21	31.08	28.90	2.54	2.7
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Bottom	8.60	18:12	9.12	8.30	30.40	28.79	1.71	2.5
WSR02	20210422	Sunny	Moderate	Mid-Ebb	Bottom	8.60	18:12	8.08	8.22	31.11	28.68	1.90	2.5
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:46	9.28	8.11	30.79	23.89	2.81	2.5
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:46	8.82	8.25	31.19	23.88	2.70	2.5
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Middle	4.50	10:45	9.21	8.17	31.35	24.00	2.30	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Middle	4.50	10:45	9.48	8.33	31.05	23.88	1.95	3.8
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	10:44	8.72	8.08	30.97	24.08	2.35	3.9
WSR02	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	10:44	8.86	8.21	31.16	23.97	2.42	2.5
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:39	9.35	8.27	30.41	23.63	2.83	2.5
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:39	9.02	8.48	30.62	23.80	2.64	2.5
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.95	12:38	9.79	8.44	30.32	23.78	2.54	2.8
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.95	12:38	9.19	8.31	31.14	23.81	2.48	2.7
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	8.90	12:37	9.30	8.45	31.44	23.73	1.96	2.5
WSR02	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	8.90	12:37	10.14	8.39	30.39	23.66	2.12	2.7
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:55	8.70	8.17	30.22	26.59	2.37	4.3
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:55	8.91	8.19	30.46	26.59	2.13	3.4
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.65	13:54	8.63	8.23	30.35	26.63	2.12	3.5
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.65	13:54	9.17	8.34	30.20	26.81	1.95	2.5
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Bottom	8.30	13:53	8.59	8.20	30.27	26.50	2.11	2.5
WSR02	20210429	Sunny	Moderate	Mid-Ebb	Bottom	8.30	13:53	8.84	8.18	30.58	26.59	1.99	4.1
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:07	8.55	8.18	31.20	27.62	2.64	2.5
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:07	8.31	8.20	31.30	27.57	2.28	2.5
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.90	15:06	8.31	8.38	31.18	27.66	2.63	2.5
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.90	15:06	8.92	8.32	31.62	27.58	2.40	2.5
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.80	15:05	8.91	8.26	31.90	27.81	2.25	2.5
WSR03	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.80	15:05	8.49	8.35	31.88	27.93	2.32	2.5
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:40	8.37	8.24	29.06	27.09	3.25	4.9
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:40	8.12	8.26	29.47	27.03	2.73	6.2
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.10	16:39	8.10	8.08	29.44	27.06	2.88	4.3
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.10	16:39	8.19	7.97	29.13	27.27	2.71	3.2
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.20	16:38	8.31	8.03	29.58	27.06	2.78	4.4
WSR03	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.20	16:38	8.12	8.10	28.90	27.29	2.99	3.4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:03	8.56	8.32	29.87	23.27	2.94	2.6
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:03	8.55	8.31	29.58	23.12	2.98	2.5
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.80	17:02	8.41	8.21	29.67	23.13	2.64	2.7
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.80	17:02	8.89	8.33	29.68	23.31	2.61	2.9
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	17:01	8.33	8.29	29.66	23.17	2.67	3.4
WSR03	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	17:01	8.27	8.24	29.92	23.28	2.68	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.34	8.32	29.89	23.49	2.60	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.13	8.46	30.12	23.74	3.02	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.80	10:26	9.12	8.27	30.30	23.54	2.34	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.80	10:26	9.04	8.46	29.96	23.57	2.71	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	10:25	8.61	8.54	30.41	23.50	2.60	2.5
WSR03	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	10:25	9.39	8.47	29.95	23.63	2.70	2.5
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:13	9.25	8.44	31.30	23.82	2.87	2.5
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:13	9.09	8.34	31.61	23.76	3.24	2.5
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.95	11:12	8.79	8.29	30.90	23.77	2.59	3.8
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.95	11:12	8.96	8.34	31.46	23.86	2.33	2.7
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	11:11	9.12	8.35	31.93	23.89	2.53	2.8
WSR03	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	11:11	8.67	8.33	31.24	23.69	2.61	2.9
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:15	8.96	8.32	30.60	28.51	2.43	2.8
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:15	8.95	8.39	30.21	28.59	2.07	2.5
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.15	13:14	9.57	8.43	30.98	28.67	2.18	2.5
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.15	13:14	9.93	8.51	30.79	28.81	2.60	2.5
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Bottom	7.30	13:13	9.44	8.46	30.42	28.64	2.23	2.8
WSR03	20210413	Sunny	Moderate	Mid-Ebb	Bottom	7.30	13:13	9.55	8.29	30.96	28.74	2.14	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:11	9.50	8.33	31.18	23.28	1.90	3.2
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:11	9.03	8.32	31.84	23.35	2.14	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.00	14:10	8.51	8.25	31.94	23.41	2.22	4.3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.00	14:10	9.03	8.46	31.15	23.36	2.02	2.5
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	7.00	14:09	8.09	8.48	31.53	23.22	1.72	3.8
WSR03	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	7.00	14:09	8.12	8.43	31.31	23.19	1.80	2.6
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:38	8.01	8.70	31.53	23.31	2.22	3.0
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:38	8.02	8.51	31.61	23.42	2.35	2.5
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.75	14:37	9.31	8.66	31.50	23.42	2.61	2.6
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.75	14:37	9.27	8.58	31.24	23.41	2.21	3.5
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	14:36	9.69	8.50	31.18	23.30	2.18	2.5
WSR03	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	14:36	8.58	8.63	31.18	23.31	2.01	2.6
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:19	8.13	8.27	26.95	23.97	3.24	3.1
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:19	7.60	8.43	27.96	24.26	3.38	5.3
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.95	17:18	7.99	8.39	27.06	24.02	2.81	6.9
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.95	17:18	7.53	8.40	27.07	24.13	2.58	3.9
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	17:17	7.59	8.26	27.75	24.13	2.68	4.7
WSR03	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	17:17	8.21	8.22	27.39	24.26	3.01	3.6
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:56	8.82	8.21	30.46	28.87	2.80	2.5
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:56	9.21	8.21	30.45	28.72	2.48	2.5
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.75	17:55	8.26	8.18	31.05	28.61	2.08	3.3
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.75	17:55	8.88	8.13	31.08	28.74	2.03	3.5
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.50	17:54	8.65	8.14	30.78	28.81	2.11	3.6
WSR03	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.50	17:54	8.90	8.26	30.59	28.87	2.30	2.7
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:28	9.06	8.29	31.10	23.85	2.02	2.5
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:28	9.14	8.32	31.14	23.97	2.15	2.5
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.95	10:27	8.85	8.32	30.93	23.95	2.40	2.5
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.95	10:27	9.02	8.08	30.97	23.90	2.56	2.5
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	10:26	8.96	8.23	30.77	23.85	1.54	2.5
WSR03	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	10:26	8.68	8.22	31.11	23.91	1.80	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:19	10.18	8.37	31.24	23.71	2.58	3.4
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:19	9.72	8.33	31.01	23.82	2.26	2.5
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.05	12:18	9.65	8.31	31.61	23.63	2.59	2.9
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Middle	4.05	12:18	9.13	8.22	31.36	23.57	2.24	3.8
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	7.10	12:17	9.17	8.28	30.48	23.88	2.28	2.8
WSR03	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	7.10	12:17	9.19	8.42	30.95	23.72	2.59	3.0
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:39	8.69	8.40	30.39	26.65	2.88	6.0
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:39	8.98	8.35	30.30	26.51	2.47	4.0
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.00	13:38	8.88	8.28	30.50	26.46	2.64	2.6
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Middle	4.00	13:38	9.21	8.37	30.70	26.72	2.32	4.6
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Bottom	7.00	13:37	9.18	8.31	30.22	26.55	1.61	8.8
WSR03	20210429	Sunny	Moderate	Mid-Ebb	Bottom	7.00	13:37	8.85	8.14	30.26	26.78	1.77	3.1
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:52	9.15	8.13	31.14	27.76	2.43	2.5
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:52	8.03	8.19	31.30	27.61	2.27	2.5
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:51	9.35	8.17	30.98	27.78	2.22	2.9
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:51	8.38	8.11	31.12	27.73	2.66	2.5
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.10	14:50	8.64	8.25	30.74	27.72	2.52	2.5
WSR04	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.10	14:50	8.76	8.30	31.84	27.62	2.87	2.5
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:25	8.46	8.02	29.29	27.09	2.80	3.7
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:25	8.24	8.04	29.12	27.30	2.67	2.9
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.90	16:24	8.12	7.95	29.10	27.14	2.45	2.5
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.90	16:24	8.81	8.29	28.73	27.12	2.82	3.6
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Bottom	6.80	16:23	8.34	8.12	29.56	27.16	2.89	4.5
WSR04	20210403	Sunny	Moderate	Mid-Ebb	Bottom	6.80	16:23	8.84	8.23	29.22	27.18	2.75	3.9
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:50	8.73	8.22	29.58	23.28	2.90	2.8
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:50	8.32	8.17	29.74	23.28	3.17	2.5
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.75	16:49	8.69	8.33	29.76	23.16	2.73	3.0

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.75	16:49	8.58	8.23	29.67	23.31	2.60	2.9
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	16:48	8.59	8.26	29.74	23.19	2.59	2.9
WSR04	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	16:48	8.65	8.23	29.68	23.13	2.43	3.0
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:14	9.05	8.33	30.27	23.61	2.74	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:14	8.85	8.22	29.95	23.65	2.95	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.45	10:13	9.37	8.33	30.19	23.65	2.57	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.45	10:13	8.78	8.42	29.96	23.56	2.87	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	5.90	10:12	8.97	8.40	30.42	23.66	2.22	2.5
WSR04	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	5.90	10:12	8.88	8.32	30.50	23.44	2.61	2.9
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:02	9.22	8.20	31.42	23.77	2.49	2.7
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:02	8.89	8.45	31.95	23.61	2.62	3.4
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.50	11:01	8.90	8.39	31.94	23.70	3.07	2.5
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.50	11:01	8.82	8.26	30.89	23.77	2.67	3.8
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	11:00	8.88	8.26	30.91	23.66	2.20	2.5
WSR04	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	11:00	8.77	8.28	31.72	23.91	2.59	3.0
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:01	9.51	8.49	30.69	28.55	2.31	2.5
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:01	9.67	8.54	31.36	28.75	2.05	2.5
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.35	13:00	9.82	8.51	30.81	28.57	2.01	2.5
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.35	13:00	9.55	8.32	30.74	28.58	1.91	2.5
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:59	9.04	8.41	30.67	28.49	1.97	2.5
WSR04	20210413	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:59	9.91	8.41	31.23	28.41	2.07	2.6
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:56	7.78	8.37	31.09	23.32	2.49	3.7
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:56	9.33	8.34	31.40	23.38	2.57	4.1
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.35	13:55	9.33	8.30	31.27	23.34	1.63	4.3
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.35	13:55	8.77	8.22	32.16	23.25	1.88	3.2
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	5.70	13:54	8.09	8.45	31.94	23.30	1.57	2.5
WSR04	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	5.70	13:54	9.60	8.27	31.19	23.20	1.86	4.6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:23	8.71	8.74	32.15	23.25	2.77	2.5
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:23	8.02	8.75	32.29	23.23	3.08	4.3
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.50	14:22	8.36	8.55	32.11	23.17	2.67	2.5
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.50	14:22	8.04	8.52	31.18	23.15	2.55	3.4
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	14:21	8.89	8.54	31.42	23.14	2.50	3.4
WSR04	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	14:21	8.67	8.56	31.74	23.24	2.31	3.2
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:04	8.02	8.27	27.95	24.00	3.36	3.9
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:04	7.76	8.22	27.78	24.08	2.96	3.9
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.55	17:03	8.12	8.39	27.19	24.16	2.87	5.4
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.55	17:03	8.18	8.35	26.88	24.01	2.97	3.5
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	17:02	8.00	8.37	27.48	24.10	2.68	3.6
WSR04	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	17:02	7.58	8.34	27.79	23.93	2.58	4.1
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:41	9.14	8.24	30.72	28.82	2.43	2.5
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:41	8.32	8.29	30.54	28.72	2.67	2.5
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.75	17:40	8.56	8.18	30.45	28.63	2.21	2.6
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.75	17:40	9.02	8.26	31.13	28.71	1.97	3.0
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.50	17:39	9.02	8.12	31.03	28.70	2.34	2.9
WSR04	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.50	17:39	9.04	8.30	30.84	28.68	2.62	2.5
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:13	8.58	8.25	31.06	23.92	2.16	3.0
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:13	8.94	8.24	31.33	23.85	2.30	2.5
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.70	10:12	8.70	8.14	31.31	23.90	1.94	2.9
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.70	10:12	9.35	8.14	30.89	23.85	2.22	2.8
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	10:11	9.30	8.21	30.76	23.86	2.37	2.5
WSR04	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	10:11	9.28	8.11	31.22	23.82	2.41	3.3
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:06	9.53	8.26	30.84	23.68	2.36	4.5
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:06	9.27	8.39	30.30	23.79	2.16	2.5
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.50	12:05	9.82	8.27	31.10	23.71	2.25	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.50	12:05	10.06	8.35	31.02	23.77	2.58	3.8
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	12:04	9.08	8.28	30.91	23.80	2.05	3.3
WSR04	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	12:04	9.63	8.22	30.88	23.79	2.24	3.4
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:24	8.90	8.31	30.31	26.49	2.21	2.9
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:24	8.60	8.14	30.75	26.59	2.34	3.2
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.55	13:23	8.99	8.23	30.19	26.65	2.62	2.9
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.55	13:23	8.97	8.25	30.42	26.48	2.28	3.1
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.10	13:22	8.98	8.33	30.53	26.65	1.94	3.3
WSR04	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.10	13:22	9.23	8.21	30.17	26.78	2.16	4.4
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:38	8.05	8.33	31.46	27.69	2.63	2.5
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:38	8.35	8.22	31.57	27.79	2.84	2.9
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Middle	7.85	13:37	8.26	8.11	31.74	27.86	2.01	2.5
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Middle	7.85	13:37	8.63	8.20	31.60	27.67	2.19	2.5
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Bottom	14.70	13:36	8.82	8.35	31.45	27.91	2.14	3.6
WSR16	20210401	Sunny	Moderate	Mid-Ebb	Bottom	14.70	13:36	8.45	8.14	31.42	27.83	2.36	2.5
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:20	8.50	7.97	28.93	27.45	2.83	7.2
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:20	8.47	8.28	28.93	27.37	3.24	3.6
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Middle	7.85	15:19	8.28	8.23	29.04	27.19	2.83	3.0
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Middle	7.85	15:19	8.28	8.21	29.19	27.33	3.02	3.5
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Bottom	14.70	15:18	8.25	8.27	29.00	27.56	2.60	3.9
WSR16	20210403	Sunny	Moderate	Mid-Ebb	Bottom	14.70	15:18	8.61	8.22	29.42	27.44	2.97	5.8
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:52	8.25	8.26	29.85	23.27	3.30	2.5
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:52	8.84	8.26	29.85	23.46	2.87	3.8
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Middle	8.40	15:51	8.25	8.33	29.69	23.27	2.51	4.5
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Middle	8.40	15:51	8.38	8.17	29.80	23.46	2.44	2.6
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	15.80	15:50	8.85	8.25	29.86	23.46	2.60	2.5
WSR16	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	15.80	15:50	8.28	8.28	29.88	23.26	2.75	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:09	9.33	8.48	30.33	23.53	3.23	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:09	8.76	8.44	30.38	23.57	2.89	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Middle	7.95	9:08	9.37	8.23	30.04	23.41	2.81	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Middle	7.95	9:08	9.10	8.24	29.97	23.45	2.56	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	14.90	9:07	9.31	8.28	30.02	23.40	2.53	2.5
WSR16	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	14.90	9:07	8.81	8.49	30.12	23.55	2.66	2.5
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:05	8.97	8.35	31.45	23.59	2.59	2.5
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:05	8.84	8.34	31.90	23.52	2.84	2.5
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Middle	8.15	10:04	8.83	8.29	31.72	23.65	2.68	2.7
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Middle	8.15	10:04	9.24	8.27	31.50	23.76	3.01	2.8
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	15.30	10:03	8.73	8.44	31.88	23.82	2.23	2.5
WSR16	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	15.30	10:03	8.72	8.17	31.74	23.57	2.46	2.5
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:55	9.70	8.41	30.27	28.31	2.34	2.5
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:55	9.05	8.26	30.60	28.30	2.17	2.5
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Middle	8.25	11:54	9.36	8.44	30.69	28.43	2.62	2.5
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Middle	8.25	11:54	8.70	8.33	30.85	28.52	2.61	2.5
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Bottom	15.50	11:53	8.75	8.30	30.69	28.34	1.82	3.1
WSR16	20210413	Sunny	Moderate	Mid-Ebb	Bottom	15.50	11:53	8.96	8.46	31.27	28.47	1.58	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:42	8.45	8.45	31.64	23.17	2.13	2.8
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	12:42	9.65	8.47	32.09	23.06	2.16	3.7
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Middle	8.10	12:41	9.35	8.22	31.43	23.16	1.98	3.7
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Middle	8.10	12:41	8.99	8.46	31.25	23.31	2.23	2.9
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	15.20	12:40	8.57	8.30	31.74	23.30	2.23	2.5
WSR16	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	15.20	12:40	8.10	8.24	31.94	23.06	2.02	2.6
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:11	9.93	8.64	31.47	23.17	2.49	3.4
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:11	8.30	8.45	32.02	23.22	2.78	4.2
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Middle	8.45	13:10	9.15	8.63	31.38	23.27	2.43	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Middle	8.45	13:10	9.04	8.68	32.42	23.07	2.48	3.4
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	15.90	13:09	9.70	8.52	32.13	23.21	2.22	2.5
WSR16	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	15.90	13:09	9.14	8.55	32.30	23.07	1.95	3.2
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:55	7.68	8.39	26.94	24.14	3.25	3.0
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:55	7.61	8.48	27.87	24.26	2.87	4.5
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Middle	7.80	15:54	7.80	8.49	27.25	23.95	2.70	4.2
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Middle	7.80	15:54	8.31	8.34	27.44	24.12	2.63	5.3
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	14.60	15:53	7.77	8.25	27.39	24.17	2.36	4.3
WSR16	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	14.60	15:53	8.10	8.45	27.75	24.18	2.75	5.7
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:27	8.03	8.21	30.93	28.98	2.65	3.1
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:27	8.47	8.15	30.35	28.80	2.46	2.5
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Middle	7.65	16:26	9.15	8.15	30.34	28.74	2.26	4.5
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Middle	7.65	16:26	8.14	8.17	31.08	28.98	2.02	3.2
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Bottom	14.30	16:25	8.15	8.16	30.35	28.87	2.58	2.8
WSR16	20210422	Sunny	Moderate	Mid-Ebb	Bottom	14.30	16:25	8.53	8.21	30.97	28.76	2.32	2.5
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:59	9.41	8.26	31.11	23.66	2.40	3.4
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:59	8.92	8.25	31.32	23.63	2.42	3.4
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Middle	8.00	8:58	9.15	8.36	31.31	23.71	2.22	2.5
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Middle	8.00	8:58	9.40	8.13	31.14	23.69	2.00	2.6
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	15.00	8:57	8.88	8.20	31.05	23.69	2.22	3.0
WSR16	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	15.00	8:57	8.73	8.14	30.84	23.70	2.33	4.1
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:50	8.72	8.32	31.41	23.32	2.59	3.9
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:50	10.05	8.43	30.97	23.54	2.80	4.3
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Middle	8.25	10:49	9.86	8.21	30.83	23.51	2.54	4.4
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Middle	8.25	10:49	8.80	8.47	31.11	23.67	2.29	3.3
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	15.50	10:48	10.04	8.44	31.32	23.49	1.83	4.3
WSR16	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	15.50	10:48	9.29	8.36	31.66	23.42	1.92	4.7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:16	8.87	8.24	30.12	26.42	2.86	4.5
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:16	9.19	8.20	30.51	26.45	2.60	3.4
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Middle	8.30	12:15	8.88	8.29	30.43	26.30	1.86	3.1
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Middle	8.30	12:15	9.12	8.31	30.45	26.44	2.08	3.4
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Bottom	15.60	12:14	8.68	8.33	30.16	26.39	2.37	3.7
WSR16	20210429	Sunny	Moderate	Mid-Ebb	Bottom	15.60	12:14	8.95	8.37	30.08	26.48	2.30	3.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:35	7.92	8.29	31.25	27.82	2.73	2.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:35	8.59	8.28	30.95	27.76	2.34	2.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:34	8.47	8.38	31.71	27.86	2.31	2.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.55	14:34	8.40	8.32	31.62	27.76	2.61	2.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.10	14:33	7.92	8.26	31.08	27.63	2.36	2.5
WSR33	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.10	14:33	9.43	8.16	31.74	27.54	2.79	2.5
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:10	8.34	7.99	29.02	27.64	3.19	5.1
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:10	8.30	8.15	29.29	27.36	3.25	4.8
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.85	16:09	8.81	8.00	29.12	27.51	2.65	5.1
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.85	16:09	8.84	8.18	29.55	27.64	2.52	3.4
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Bottom	6.70	16:08	8.39	8.08	29.12	27.30	2.72	4.7
WSR33	20210403	Sunny	Moderate	Mid-Ebb	Bottom	6.70	16:08	8.38	8.11	28.92	27.31	2.89	3.9
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:35	8.31	8.18	29.83	23.32	2.84	4.0
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:35	8.43	8.18	29.73	23.24	2.89	2.8
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:34	8.56	8.35	29.87	23.30	2.75	2.7
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:34	8.83	8.35	29.78	23.16	2.33	2.5
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:33	8.78	8.28	29.70	23.24	2.65	2.5
WSR33	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:33	8.63	8.31	29.75	23.32	2.81	3.8
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:59	9.17	8.30	30.12	23.59	2.74	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:59	9.36	8.36	29.95	23.58	3.19	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.55	9:58	9.07	8.21	30.36	23.73	2.83	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.55	9:58	8.90	8.50	30.32	23.44	2.88	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	9:57	8.79	8.30	30.13	23.61	2.51	2.5
WSR33	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	9:57	9.08	8.22	30.08	23.47	2.52	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:47	9.16	8.20	31.61	23.79	2.51	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:47	8.62	8.45	31.91	23.84	2.48	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.75	10:46	8.92	8.18	31.20	23.94	2.55	2.5
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.75	10:46	8.78	8.37	31.11	23.85	2.28	2.7
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	10:45	8.96	8.29	30.83	23.76	2.86	2.9
WSR33	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	10:45	8.99	8.26	31.15	23.90	2.88	2.5
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:46	9.75	8.51	30.90	28.66	2.47	7.3
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:46	8.82	8.25	30.34	28.61	2.79	12.7
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.80	12:45	8.74	8.24	30.92	28.50	2.46	2.5
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.80	12:45	9.15	8.38	30.65	28.44	2.53	3.0
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Bottom	6.60	12:44	9.60	8.25	30.89	28.47	1.89	3.3
WSR33	20210413	Sunny	Moderate	Mid-Ebb	Bottom	6.60	12:44	9.12	8.24	30.89	28.68	2.04	4.3
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:39	8.60	8.29	31.42	23.30	2.08	7.5
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:39	8.27	8.27	31.91	23.31	2.45	4.7
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.75	13:38	7.77	8.42	32.20	23.41	2.11	3.9
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.75	13:38	9.58	8.24	31.78	23.33	2.21	4.8
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	13:37	9.09	8.39	31.41	23.29	1.89	4
WSR33	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	13:37	8.68	8.37	31.34	23.30	1.72	4.2
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:08	9.39	8.64	32.41	23.29	2.60	3.0
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:08	9.90	8.49	32.36	23.30	2.98	2.5
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.50	14:07	8.95	8.50	32.35	23.27	2.48	2.5
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.50	14:07	8.98	8.66	31.44	23.21	2.58	2.5
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	14:06	8.79	8.65	31.48	23.20	2.53	2.5
WSR33	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	14:06	9.39	8.53	32.38	23.34	2.30	3.2

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:50	7.65	8.25	27.91	23.97	2.54	4.2
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:50	7.87	8.33	27.94	24.21	2.75	5.1
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.70	16:49	7.62	8.31	27.53	23.90	3.13	5.6
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.70	16:49	7.99	8.49	27.48	24.06	3.11	2.5
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	16:48	7.86	8.27	27.68	24.19	2.63	3.4
WSR33	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	16:48	7.80	8.36	26.96	24.04	2.97	2.8
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:24	8.96	8.16	30.61	28.73	2.56	3.3
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:24	8.51	8.19	30.60	28.87	2.78	2.8
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.70	17:23	8.15	8.31	30.89	28.74	2.09	4.3
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.70	17:23	8.11	8.28	30.27	28.87	2.40	2.8
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.40	17:22	8.77	8.16	30.75	28.82	1.89	3.1
WSR33	20210422	Sunny	Moderate	Mid-Ebb	Bottom	6.40	17:22	8.65	8.29	30.53	28.88	1.58	3.4
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:56	8.88	8.34	30.83	23.87	2.60	2.8
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:56	8.62	8.15	30.85	23.67	2.78	3.4
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.80	9:55	9.44	8.09	30.93	23.86	2.61	3.5
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.80	9:55	8.76	8.08	31.22	23.70	2.37	2.5
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	9:54	9.31	8.32	30.74	23.73	1.85	2.5
WSR33	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	9:54	9.29	8.14	31.27	23.79	2.17	2.5
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:47	9.15	8.51	31.16	23.83	2.90	3.4
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:47	9.15	8.42	30.93	23.86	2.55	4.4
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.70	11:46	8.66	8.38	31.09	23.57	1.84	3.2
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.70	11:46	10.17	8.27	30.40	23.80	2.15	5.2
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	11:45	8.74	8.48	30.30	23.57	1.56	3.2
WSR33	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	11:45	10.12	8.25	30.75	23.69	1.69	4.4
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:11	8.81	8.37	30.63	26.46	2.85	3.9
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:11	9.17	8.22	30.21	26.54	2.78	4.9
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.50	13:10	8.59	8.19	30.42	26.42	2.53	3.1

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.50	13:10	8.99	8.27	30.61	26.42	2.26	3.0
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.00	13:09	8.72	8.33	30.36	26.60	1.63	3.0
WSR33	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.00	13:09	9.19	8.37	30.63	26.45	1.85	2.7
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:18	9.50	8.11	31.97	27.60	2.77	2.5
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:18	8.27	8.28	31.16	27.77	2.64	2.5
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.80	14:18	7.99	8.27	31.82	27.90	2.04	2.5
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Middle	3.80	14:18	7.96	8.18	31.60	27.84	2.26	2.5
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.60	14:17	8.59	8.25	31.08	27.86	2.20	2.5
WSR36	20210401	Sunny	Moderate	Mid-Ebb	Bottom	6.60	14:17	8.50	8.37	31.78	27.75	2.32	2.5
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:55	8.41	8.13	29.51	27.36	3.09	4.8
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:55	8.09	8.08	29.12	27.53	3.07	5.1
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.15	15:55	8.17	8.18	29.07	27.34	2.88	3.6
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Middle	3.15	15:55	8.17	8.29	29.51	27.36	2.56	3.8
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Bottom	5.30	15:54	8.52	8.21	29.50	27.62	2.65	2.8
WSR36	20210403	Sunny	Moderate	Mid-Ebb	Bottom	5.30	15:54	8.12	8.19	29.06	27.33	2.86	3.0
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:22	8.50	8.27	29.67	23.25	3.16	2.5
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:22	8.66	8.22	29.68	23.22	3.18	2.8
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.40	16:22	8.54	8.21	29.60	23.24	2.76	2.5
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Middle	3.40	16:22	8.61	8.20	29.78	23.24	2.39	3.8
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	5.80	16:21	8.85	8.31	29.67	23.36	2.55	4.3
WSR36	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	5.80	16:21	8.39	8.35	29.64	23.21	2.43	4.0
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:44	8.62	8.36	30.51	23.46	2.52	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:44	9.33	8.30	30.63	23.64	2.87	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.05	9:44	8.82	8.43	29.89	23.38	2.19	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Middle	3.05	9:44	9.00	8.29	29.98	23.49	2.00	2.5
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	5.10	9:43	8.89	8.48	30.50	23.70	2.24	2.9
WSR36	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	5.10	9:43	8.65	8.42	30.05	23.64	2.21	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:34	8.87	8.21	31.38	23.86	2.71	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:34	8.62	8.44	30.77	23.54	2.51	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.05	10:34	9.30	8.15	31.77	23.77	2.92	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Middle	3.05	10:34	8.87	8.22	30.90	23.67	2.84	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	5.10	10:33	8.78	8.41	30.81	23.77	2.38	2.5
WSR36	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	5.10	10:33	8.68	8.37	31.24	23.70	2.09	2.5
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:31	9.54	8.38	31.47	28.55	2.83	2.8
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:31	9.19	8.34	30.30	28.42	2.59	3.9
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.35	12:31	9.49	8.39	31.45	28.37	1.98	2.5
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Middle	3.35	12:31	9.61	8.39	30.97	28.46	1.82	3.0
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:30	9.41	8.25	30.16	28.65	1.36	3.3
WSR36	20210413	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:30	9.35	8.29	30.45	28.60	1.59	3.2
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:22	8.75	8.26	31.29	23.19	2.18	4.4
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:22	7.92	8.28	31.13	23.29	2.57	2.7
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.70	13:22	8.54	8.47	32.29	23.31	2.45	2.6
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Middle	3.70	13:22	9.16	8.40	32.24	23.25	2.15	2.5
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	13:21	9.48	8.41	31.60	23.34	2.27	4.2
WSR36	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	6.40	13:21	7.87	8.32	31.74	23.26	2.07	3.6
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:51	9.13	8.52	32.10	23.13	2.07	4.6
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:51	9.40	8.48	31.25	23.10	2.35	3.8
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.65	13:51	8.79	8.67	32.12	23.14	2.43	6.0
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Middle	3.65	13:51	9.69	8.67	31.70	23.19	2.74	2.5
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.30	13:50	8.44	8.55	31.62	23.18	1.90	2.7
WSR36	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	6.30	13:50	8.03	8.70	32.00	23.23	1.79	2.5
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:33	7.50	8.42	27.85	24.04	3.13	3.7
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:33	7.66	8.29	27.71	23.99	3.55	2.5
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.20	16:33	7.91	8.44	26.85	24.18	2.83	3.8

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Middle	3.20	16:33	8.07	8.24	27.54	23.96	3.24	3.0
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	5.40	16:32	7.60	8.31	26.74	24.09	3.04	4.2
WSR36	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	5.40	16:32	7.88	8.44	27.88	24.17	2.66	3.5
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:07	8.34	8.27	30.23	28.80	2.72	2.5
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:07	9.12	8.15	30.67	28.87	2.41	5.0
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.35	17:07	9.21	8.22	30.84	28.69	2.29	3.4
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Middle	3.35	17:07	8.98	8.13	30.46	28.63	2.62	4.4
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Bottom	5.70	17:06	8.10	8.29	30.49	28.62	1.96	3.3
WSR36	20210422	Sunny	Moderate	Mid-Ebb	Bottom	5.70	17:06	8.54	8.21	30.23	28.76	2.29	2.9
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:39	9.04	8.17	30.85	23.65	2.61	2.9
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:39	8.62	8.13	31.22	23.56	2.33	3.6
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.80	9:39	8.91	8.26	30.95	23.72	2.10	2.5
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.80	9:39	9.49	8.15	31.18	23.55	1.91	3.7
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	9:38	8.76	8.12	31.12	23.56	2.15	4.1
WSR36	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	9:38	9.47	8.11	31.26	23.53	2.26	3.0
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:32	10.19	8.31	31.38	23.56	2.45	3.9
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:32	8.66	8.30	30.64	23.72	2.29	3.7
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.75	11:32	9.11	8.27	31.50	23.50	2.46	4.9
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.75	11:32	10.16	8.32	31.36	23.52	2.38	3.9
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	11:31	8.65	8.50	31.56	23.73	1.71	3.1
WSR36	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.50	11:31	8.60	8.44	30.46	23.63	1.94	3.8
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:54	8.69	8.33	30.44	26.50	2.53	3.2
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:54	9.15	8.24	30.13	26.49	2.76	2.9
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.30	12:54	9.09	8.16	30.76	26.61	2.51	3.1
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.30	12:54	8.79	8.18	30.43	26.48	2.52	3.3
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Bottom	5.60	12:53	8.60	8.36	30.79	26.46	2.20	3.5
WSR36	20210429	Sunny	Moderate	Mid-Ebb	Bottom	5.60	12:53	8.99	8.14	30.12	26.55	2.15	3.0

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:02	8.42	8.23	30.85	27.87	2.13	2.5
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:02	9.35	8.12	31.78	27.91	2.49	2.5
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.05	14:01	8.93	8.24	30.79	27.88	2.05	2.5
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Middle	4.05	14:01	8.21	8.35	31.42	27.61	2.24	2.5
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Bottom	7.10	14:00	8.03	8.30	31.62	27.57	1.89	2.5
WSR37	20210401	Sunny	Moderate	Mid-Ebb	Bottom	7.10	14:00	8.70	8.31	31.60	27.73	1.79	2.5
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:41	8.41	8.13	29.22	27.42	2.94	2.6
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:41	8.51	8.10	29.23	27.43	3.19	4.7
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.35	15:40	8.44	8.29	29.01	27.59	3.17	5.9
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Middle	4.35	15:40	8.45	8.05	29.17	27.29	2.80	4.7
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.70	15:39	8.50	8.02	29.21	27.41	2.90	4.5
WSR37	20210403	Sunny	Moderate	Mid-Ebb	Bottom	7.70	15:39	8.17	8.14	28.81	27.48	2.65	4.1
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:11	8.80	8.28	29.61	23.34	2.96	3.6
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:11	8.74	8.31	29.72	23.43	2.56	4.2
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.10	16:10	8.77	8.36	29.92	23.28	2.59	4.0
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Middle	4.10	16:10	8.32	8.26	29.73	23.25	3.02	4.7
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	16:09	8.57	8.21	29.83	23.33	2.60	2.8
WSR37	20210406	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	16:09	8.53	8.36	29.85	23.29	2.48	2.9
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:30	8.73	8.22	30.16	23.59	3.23	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:30	8.69	8.49	30.48	23.38	3.02	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.45	9:29	9.30	8.24	29.94	23.38	2.71	2.5
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Middle	4.45	9:29	9.14	8.46	30.12	23.52	2.52	3.4
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	9:28	9.39	8.48	30.62	23.48	2.65	2.6
WSR37	20210408	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	9:28	9.38	8.38	30.26	23.39	2.28	2.5
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:22	8.75	8.31	31.73	23.83	2.95	2.5
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:22	8.79	8.41	31.82	23.78	3.01	2.6
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.10	10:21	8.92	8.38	31.50	23.80	2.97	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Middle	4.10	10:21	8.77	8.46	31.89	23.73	2.86	2.5
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	10:20	8.65	8.33	31.77	23.61	2.70	2.5
WSR37	20210410	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	10:20	8.60	8.26	31.57	23.71	2.62	2.5
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:17	8.76	8.29	30.69	28.51	2.45	3.0
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:17	9.13	8.44	31.43	28.73	2.80	3.2
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.10	12:16	9.57	8.55	30.38	28.75	1.64	3.0
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Middle	4.10	12:16	9.99	8.37	30.64	28.64	1.88	3.1
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Bottom	7.20	12:15	9.99	8.51	30.80	28.50	2.34	2.5
WSR37	20210413	Sunny	Moderate	Mid-Ebb	Bottom	7.20	12:15	9.19	8.41	30.98	28.73	2.16	3.3
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:06	8.47	8.38	31.73	23.22	2.14	2.5
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:06	9.27	8.42	31.14	23.09	2.56	3.9
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.10	13:05	8.44	8.24	31.80	23.19	2.35	3.2
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Middle	4.10	13:05	8.32	8.21	31.94	23.14	2.24	4.2
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	13:04	8.77	8.30	31.24	23.16	1.55	4.4
WSR37	20210415	Cloudy	Moderate	Mid-Ebb	Bottom	7.20	13:04	8.76	8.23	32.20	23.17	1.65	3.2
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:35	9.31	8.49	31.90	23.16	2.76	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:35	8.06	8.67	31.73	23.21	2.82	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.15	13:34	8.99	8.46	31.62	23.28	2.21	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Middle	4.15	13:34	8.34	8.51	31.68	23.13	2.21	2.5
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	13:33	8.79	8.63	31.36	23.30	2.09	4.7
WSR37	20210417	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	13:33	8.83	8.67	32.23	23.19	2.33	2.5
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:19	7.50	8.29	27.53	23.89	2.99	3.3
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:19	8.23	8.32	27.01	24.10	3.03	3.7
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.40	16:18	7.43	8.47	26.89	24.17	2.86	4.0
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Middle	4.40	16:18	7.47	8.38	26.86	24.17	2.56	3.5
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	7.80	16:17	7.67	8.35	26.92	24.05	2.52	4.4
WSR37	20210420	Cloudy	Moderate	Mid-Ebb	Bottom	7.80	16:17	7.98	8.32	27.45	24.18	2.87	4.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:51	8.89	8.11	31.02	29.00	2.80	4.1
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:51	9.15	8.30	30.56	28.88	2.86	3.1
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.45	16:50	8.79	8.23	31.03	28.78	2.49	3.1
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Middle	4.45	16:50	8.34	8.24	30.23	28.95	2.52	4.0
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Bottom	7.90	16:49	8.76	8.26	30.56	28.73	2.03	3.1
WSR37	20210422	Sunny	Moderate	Mid-Ebb	Bottom	7.90	16:49	8.74	8.14	30.94	28.91	2.16	3.2
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:23	9.33	8.12	31.01	23.53	2.06	4.3
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:23	9.24	8.22	31.11	23.54	1.81	2.8
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:22	9.10	8.16	31.03	23.60	2.18	3.4
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:22	8.98	8.32	31.26	23.66	1.96	2.6
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	9:21	8.74	8.17	30.91	23.57	2.11	2.5
WSR37	20210424	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	9:21	9.32	8.16	30.75	23.54	2.26	2.9
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:16	9.92	8.40	30.73	23.42	2.27	2.7
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Surface	1.00	11:16	9.19	8.33	31.61	23.57	2.02	4.2
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.80	11:15	8.58	8.44	31.12	23.68	2.37	3.1
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Middle	3.80	11:15	8.82	8.24	31.66	23.35	2.31	3.3
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	11:14	9.43	8.46	31.68	23.53	2.25	2.7
WSR37	20210427	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	11:14	9.27	8.45	31.31	23.49	2.35	3.1
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:40	8.79	8.30	30.35	26.35	2.48	4.0
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:40	9.13	8.31	30.79	26.38	2.32	3.7
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:39	9.12	8.17	30.08	26.42	2.14	4.0
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:39	8.71	8.39	30.62	26.49	1.85	3.0
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:38	8.60	8.21	30.21	26.50	2.28	3.2
WSR37	20210429	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:38	9.20	8.14	30.11	26.42	2.09	3.8

Remark:

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
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Note 2: 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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:47	10.02	8.45	29.81	26.91	2.91	2.90
CE	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:47	10.08	8.33	29.52	26.86	3.29	2.50
CE	20210501	Cloudy	Moderate	Mid-Flood	Middle	11.70	10:46	10.00	8.56	29.81	26.84	3.67	2.50
CE	20210501	Cloudy	Moderate	Mid-Flood	Middle	11.70	10:46	10.35	8.56	29.69	26.97	3.13	2.50
CE	20210501	Cloudy	Moderate	Mid-Flood	Bottom	22.40	10:45	9.94	8.33	29.36	26.87	3.19	2.50
CE	20210501	Cloudy	Moderate	Mid-Flood	Bottom	22.40	10:45	10.39	8.55	29.62	27.12	3.14	2.50
CE	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:48	9.26	8.50	29.99	27.82	3.19	2.50
CE	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:48	9.62	8.24	30.06	27.77	3.00	2.50
CE	20210504	Cloudy	Moderate	Mid-Flood	Middle	10.60	10:47	9.94	8.27	30.13	27.84	3.42	2.50
CE	20210504	Cloudy	Moderate	Mid-Flood	Middle	10.60	10:47	9.08	8.52	29.77	27.58	3.31	2.50
CE	20210504	Cloudy	Moderate	Mid-Flood	Bottom	20.20	10:46	9.18	8.45	29.67	27.61	3.18	3.10
CE	20210504	Cloudy	Moderate	Mid-Flood	Bottom	20.20	10:46	9.20	8.38	30.00	27.60	3.39	2.90
CE	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	15:21	9.32	8.64	31.15	27.13	4.14	3.00
CE	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	15:21	8.50	8.47	31.14	27.08	3.50	2.50
CE	20210506	Cloudy	Moderate	Mid-Flood	Middle	10.00	15:20	10.08	8.61	30.87	27.32	3.73	2.50
CE	20210506	Cloudy	Moderate	Mid-Flood	Middle	10.00	15:20	9.74	8.58	30.64	27.30	3.22	2.50
CE	20210506	Cloudy	Moderate	Mid-Flood	Bottom	19.00	15:19	8.71	8.57	31.13	27.08	3.48	2.50
CE	20210506	Cloudy	Moderate	Mid-Flood	Bottom	19.00	15:19	9.98	8.64	31.05	27.09	3.10	3.10
CE	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	17:33	10.48	8.56	28.01	26.92	4.10	2.50
CE	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	17:33	10.75	8.42	27.80	26.84	4.03	2.50
CE	20210508	Sunny	Moderate	Mid-Flood	Middle	12.30	17:32	9.60	8.43	27.49	27.12	3.42	2.50
CE	20210508	Sunny	Moderate	Mid-Flood	Middle	12.30	17:32	9.74	8.50	28.10	27.03	3.90	5.10
CE	20210508	Sunny	Moderate	Mid-Flood	Bottom	23.60	17:31	9.14	8.55	27.87	28.05	3.16	2.80
CE	20210508	Sunny	Moderate	Mid-Flood	Bottom	23.60	17:31	10.67	8.63	27.66	27.92	3.25	2.50
CE	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	18:21	9.83	8.58	29.64	28.85	4.51	2.50
CE	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	18:21	9.80	8.58	29.58	28.81	4.72	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210511	Sunny	Moderate	Mid-Flood	Middle	10.65	18:20	9.47	8.56	29.70	28.76	5.00	2.50
CE	20210511	Sunny	Moderate	Mid-Flood	Middle	10.65	18:20	9.34	8.60	29.70	28.86	4.45	2.50
CE	20210511	Sunny	Moderate	Mid-Flood	Bottom	20.30	18:19	9.20	8.36	29.95	28.92	4.68	2.50
CE	20210511	Sunny	Moderate	Mid-Flood	Bottom	20.30	18:19	9.10	8.36	29.36	28.69	4.04	2.50
CE	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	18:27	8.92	8.61	31.15	29.55	5.16	2.80
CE	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	18:27	9.91	8.71	30.64	29.42	4.78	3.10
CE	20210513	Sunny	Moderate	Mid-Flood	Middle	10.85	18:26	10.17	8.55	30.90	29.52	4.21	2.90
CE	20210513	Sunny	Moderate	Mid-Flood	Middle	10.85	18:26	9.97	8.68	30.49	29.43	4.24	2.50
CE	20210513	Sunny	Moderate	Mid-Flood	Bottom	20.70	18:25	9.51	8.64	31.19	29.42	3.93	2.50
CE	20210513	Sunny	Moderate	Mid-Flood	Bottom	20.70	18:25	9.34	8.62	31.00	29.41	4.14	3.10
CE	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	11:10	9.40	8.49	30.78	29.65	4.04	2.50
CE	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	11:10	9.49	8.44	30.48	29.66	4.44	2.50
CE	20210515	Sunny	Moderate	Mid-Flood	Middle	10.55	11:09	10.20	8.38	30.58	29.79	4.55	2.50
CE	20210515	Sunny	Moderate	Mid-Flood	Middle	10.55	11:09	10.14	8.46	30.36	29.78	4.57	2.50
CE	20210515	Sunny	Moderate	Mid-Flood	Bottom	20.10	11:08	9.91	8.33	30.30	29.74	4.32	2.50
CE	20210515	Sunny	Moderate	Mid-Flood	Bottom	20.10	11:08	10.11	8.56	30.04	29.76	4.23	2.50
CE	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:57	8.80	8.56	30.92	29.83	5.55	3.40
CE	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:57	9.80	8.54	31.03	29.82	5.16	2.50
CE	20210518	Sunny	Moderate	Mid-Flood	Middle	12.25	10:56	8.96	8.72	30.84	30.01	4.90	2.50
CE	20210518	Sunny	Moderate	Mid-Flood	Middle	12.25	10:56	9.69	8.56	30.74	29.93	5.10	2.50
CE	20210518	Sunny	Moderate	Mid-Flood	Bottom	23.50	10:55	8.78	8.67	31.04	29.95	5.18	2.90
CE	20210518	Sunny	Moderate	Mid-Flood	Bottom	23.50	10:55	9.11	8.69	31.09	29.80	4.42	3.80
CE	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:53	8.92	8.55	30.63	30.07	4.37	3.10
CE	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:53	9.26	8.38	30.62	30.07	4.31	3.00
CE	20210520	Cloudy	Moderate	Mid-Flood	Middle	12.35	10:52	9.26	8.40	29.81	29.99	4.69	2.50
CE	20210520	Cloudy	Moderate	Mid-Flood	Middle	12.35	10:52	9.11	8.38	30.07	30.07	4.10	3.80
CE	20210520	Cloudy	Moderate	Mid-Flood	Bottom	23.70	10:51	9.42	8.56	30.28	30.05	4.43	3.60

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210520	Cloudy	Moderate	Mid-Flood	Bottom	23.70	10:51	9.81	8.41	30.08	30.02	4.17	3.80
CE	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	8.59	8.42	30.46	30.04	4.01	2.90
CE	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	9.42	8.44	30.14	29.97	4.49	2.90
CE	20210522	Sunny	Moderate	Mid-Flood	Middle	12.30	16:17	9.73	8.37	30.85	29.89	3.58	2.50
CE	20210522	Sunny	Moderate	Mid-Flood	Middle	12.30	16:17	9.23	8.40	30.18	30.02	3.88	3.80
CE	20210522	Sunny	Moderate	Mid-Flood	Bottom	23.60	16:16	7.97	8.41	30.55	30.07	3.70	4.00
CE	20210522	Sunny	Moderate	Mid-Flood	Bottom	23.60	16:16	9.52	8.42	30.25	30.08	3.83	3.10
CE	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	18:23	8.47	8.27	30.16	28.84	3.66	2.90
CE	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	18:23	10.34	8.32	30.08	28.84	3.23	3.10
CE	20210525	Sunny	Moderate	Mid-Flood	Middle	10.65	18:22	10.15	8.28	30.27	28.91	3.16	2.50
CE	20210525	Sunny	Moderate	Mid-Flood	Middle	10.65	18:22	8.71	8.40	30.36	28.80	3.33	3.60
CE	20210525	Sunny	Moderate	Mid-Flood	Bottom	20.30	18:21	8.59	8.27	30.33	28.73	3.47	2.50
CE	20210525	Sunny	Moderate	Mid-Flood	Bottom	20.30	18:21	9.94	8.40	30.73	28.93	3.11	3.80
CE	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	18:21	9.67	8.52	30.19	29.82	3.30	5.00
CE	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	18:21	9.76	8.30	30.11	29.78	3.79	2.50
CE	20210527	Sunny	Moderate	Mid-Flood	Middle	11.40	18:20	9.29	8.54	30.09	29.74	3.39	3.30
CE	20210527	Sunny	Moderate	Mid-Flood	Middle	11.40	18:20	8.92	8.30	30.05	29.86	3.18	12.50
CE	20210527	Sunny	Moderate	Mid-Flood	Bottom	21.80	18:19	9.61	8.48	30.17	29.83	3.51	3.50
CE	20210527	Sunny	Moderate	Mid-Flood	Bottom	21.80	18:19	9.85	8.45	30.03	29.74	3.48	15.50
CE	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	11:00	9.65	8.49	30.12	30.17	3.99	3.80
CE	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	11:00	8.69	8.48	30.32	29.97	3.90	3.50
CE	20210529	Sunny	Moderate	Mid-Flood	Middle	11.80	10:59	9.60	8.49	30.29	29.98	3.75	4.10
CE	20210529	Sunny	Moderate	Mid-Flood	Middle	11.80	10:59	9.40	8.51	30.57	30.23	3.59	2.50
CE	20210529	Sunny	Moderate	Mid-Flood	Bottom	22.60	10:58	8.92	8.47	30.09	30.11	3.21	2.50
CE	20210529	Sunny	Moderate	Mid-Flood	Bottom	22.60	10:58	9.02	8.44	30.43	30.00	2.80	2.60
CF	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	10.42	8.30	29.50	26.26	2.73	2.60
CF	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	9.90	8.33	29.62	26.46	3.13	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210501	Cloudy	Moderate	Mid-Flood	Middle	10.55	8:01	10.06	8.40	29.68	26.48	3.12	2.50
CF	20210501	Cloudy	Moderate	Mid-Flood	Middle	10.55	8:01	9.66	8.58	29.68	26.53	2.99	2.50
CF	20210501	Cloudy	Moderate	Mid-Flood	Bottom	20.10	8:00	10.19	8.49	29.48	26.32	3.37	3.00
CF	20210501	Cloudy	Moderate	Mid-Flood	Bottom	20.10	8:00	10.53	8.33	29.39	26.33	3.41	3.90
CF	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	9.54	8.47	30.13	27.14	3.09	2.50
CF	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	9.34	8.46	29.79	27.02	2.97	2.50
CF	20210504	Cloudy	Moderate	Mid-Flood	Middle	9.90	8:01	9.67	8.23	30.07	27.18	3.15	2.50
CF	20210504	Cloudy	Moderate	Mid-Flood	Middle	9.90	8:01	9.90	8.32	29.89	26.90	3.11	3.40
CF	20210504	Cloudy	Moderate	Mid-Flood	Bottom	18.80	8:00	9.76	8.28	29.63	27.09	3.11	2.50
CF	20210504	Cloudy	Moderate	Mid-Flood	Bottom	18.80	8:00	9.25	8.29	29.75	27.03	3.05	2.50
CF	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	12:33	9.00	8.53	30.84	27.19	3.86	3.00
CF	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	12:33	8.76	8.57	30.76	27.07	4.23	3.60
CF	20210506	Cloudy	Moderate	Mid-Flood	Middle	10.15	12:32	10.44	8.55	30.45	27.27	3.78	2.50
CF	20210506	Cloudy	Moderate	Mid-Flood	Middle	10.15	12:32	9.91	8.65	30.71	27.24	3.40	3.80
CF	20210506	Cloudy	Moderate	Mid-Flood	Bottom	19.30	12:31	8.84	8.68	30.85	27.31	3.26	3.50
CF	20210506	Cloudy	Moderate	Mid-Flood	Bottom	19.30	12:31	9.85	8.60	31.14	27.17	3.78	3.70
CF	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	14:42	9.56	8.60	28.18	27.06	4.06	2.50
CF	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	14:42	10.12	8.53	28.03	27.01	3.62	3.00
CF	20210508	Sunny	Moderate	Mid-Flood	Middle	10.20	14:41	9.41	8.60	27.65	26.93	4.22	2.50
CF	20210508	Sunny	Moderate	Mid-Flood	Middle	10.20	14:41	9.38	8.44	27.78	27.20	3.87	2.50
CF	20210508	Sunny	Moderate	Mid-Flood	Bottom	19.40	14:40	9.28	8.51	27.65	26.96	3.83	2.50
CF	20210508	Sunny	Moderate	Mid-Flood	Bottom	19.40	14:40	10.54	8.45	27.82	27.11	3.57	2.50
CF	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	8.91	8.59	30.01	29.13	5.24	2.70
CF	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.85	8.56	29.33	29.01	4.48	2.50
CF	20210511	Sunny	Moderate	Mid-Flood	Middle	10.35	15:31	8.95	8.53	28.84	29.10	4.87	2.50
CF	20210511	Sunny	Moderate	Mid-Flood	Middle	10.35	15:31	9.89	8.67	28.88	28.95	5.03	2.50
CF	20210511	Sunny	Moderate	Mid-Flood	Bottom	19.70	15:30	9.00	8.42	29.12	28.95	4.34	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210511	Sunny	Moderate	Mid-Flood	Bottom	19.70	15:30	9.57	8.66	29.99	29.13	4.30	2.50
CF	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.44	8.49	30.58	29.55	4.59	3.70
CF	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.99	8.52	31.20	29.72	4.99	3.80
CF	20210513	Sunny	Moderate	Mid-Flood	Middle	9.90	15:31	10.16	8.58	30.67	29.58	4.47	2.70
CF	20210513	Sunny	Moderate	Mid-Flood	Middle	9.90	15:31	9.45	8.67	31.15	29.80	4.25	3.50
CF	20210513	Sunny	Moderate	Mid-Flood	Bottom	18.80	15:30	9.08	8.59	30.49	29.63	4.32	4.70
CF	20210513	Sunny	Moderate	Mid-Flood	Bottom	18.80	15:30	9.81	8.63	31.26	29.82	4.61	3.20
CF	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	10.27	8.47	30.51	29.13	4.25	2.80
CF	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	9.36	8.42	30.55	29.09	4.09	2.90
CF	20210515	Sunny	Moderate	Mid-Flood	Middle	9.55	8:01	8.87	8.49	30.14	29.16	4.29	2.50
CF	20210515	Sunny	Moderate	Mid-Flood	Bottom	9.55	8:01	9.80	8.42	30.04	29.16	4.51	2.90
CF	20210515	Sunny	Moderate	Mid-Flood	Bottom	18.10	8:00	9.18	8.49	30.43	29.09	3.79	2.50
CF	20210515	Sunny	Moderate	Mid-Flood	Bottom	18.10	8:00	10.24	8.42	30.15	29.22	3.64	2.50
CF	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	9.36	8.49	31.10	29.75	4.75	4.40
CF	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	9.19	8.56	30.66	29.64	5.07	2.60
CF	20210518	Sunny	Moderate	Mid-Flood	Middle	10.30	8:01	9.68	8.55	30.87	29.75	4.90	3.20
CF	20210518	Sunny	Moderate	Mid-Flood	Middle	10.30	8:01	9.02	8.58	30.87	29.64	4.41	3.90
CF	20210518	Sunny	Moderate	Mid-Flood	Bottom	19.60	8:00	9.50	8.47	30.88	29.83	3.95	3.50
CF	20210518	Sunny	Moderate	Mid-Flood	Bottom	19.60	8:00	9.40	8.49	31.13	29.65	4.18	3.30
CF	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	9.86	8.41	30.46	29.59	4.54	4.10
CF	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:02	8.84	8.56	29.85	29.72	4.50	4.70
CF	20210520	Cloudy	Moderate	Mid-Flood	Middle	10.05	8:01	9.27	8.47	29.88	29.77	4.03	4.60
CF	20210520	Cloudy	Moderate	Mid-Flood	Middle	10.05	8:01	10.05	8.48	30.13	29.62	4.26	5.60
CF	20210520	Cloudy	Moderate	Mid-Flood	Bottom	19.10	8:00	9.48	8.42	29.87	29.67	3.75	4.30
CF	20210520	Cloudy	Moderate	Mid-Flood	Bottom	19.10	8:00	10.05	8.61	29.82	29.63	3.88	4.80
CF	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	13:17	9.51	8.45	30.36	30.10	4.29	2.50
CF	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	13:17	9.53	8.32	30.27	30.02	4.34	3.00

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210522	Sunny	Moderate	Mid-Flood	Middle	9.65	13:16	9.90	8.39	30.95	30.08	4.18	3.00
CF	20210522	Sunny	Moderate	Mid-Flood	Middle	9.65	13:16	9.52	8.33	30.50	29.98	4.22	3.00
CF	20210522	Sunny	Moderate	Mid-Flood	Bottom	18.30	13:15	9.43	8.37	30.21	29.93	3.58	3.10
CF	20210522	Sunny	Moderate	Mid-Flood	Bottom	18.30	13:15	8.16	8.48	30.41	30.05	3.31	3.60
CF	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.98	8.41	30.51	29.23	3.01	2.70
CF	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	10.33	8.29	30.81	28.96	3.22	3.50
CF	20210525	Sunny	Moderate	Mid-Flood	Middle	10.05	15:31	8.36	8.39	30.32	28.98	3.01	3.60
CF	20210525	Sunny	Moderate	Mid-Flood	Middle	10.05	15:31	8.94	8.45	30.37	29.04	3.08	2.50
CF	20210525	Sunny	Moderate	Mid-Flood	Bottom	19.10	15:30	10.44	8.29	30.31	29.11	2.67	2.70
CF	20210525	Sunny	Moderate	Mid-Flood	Bottom	19.10	15:30	9.54	8.36	30.79	29.20	3.03	2.80
CF	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.89	8.51	29.70	29.93	4.81	3.60
CF	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	15:32	9.04	8.52	30.30	29.90	4.71	4.10
CF	20210527	Sunny	Moderate	Mid-Flood	Middle	9.90	15:31	9.72	8.38	29.75	29.93	4.13	3.20
CF	20210527	Sunny	Moderate	Mid-Flood	Middle	9.90	15:31	9.40	8.52	30.45	30.01	4.75	3.50
CF	20210527	Sunny	Moderate	Mid-Flood	Bottom	18.80	15:30	9.56	8.34	30.24	29.97	4.19	3.80
CF	20210527	Sunny	Moderate	Mid-Flood	Bottom	18.80	15:30	9.89	8.41	29.78	29.92	4.43	3.00
CF	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	9.05	8.46	30.04	29.58	3.61	2.90
CF	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:02	9.26	8.43	30.73	29.62	3.91	4.60
CF	20210529	Sunny	Moderate	Mid-Flood	Middle	10.65	8:01	8.91	8.42	30.83	29.63	3.45	2.70
CF	20210529	Sunny	Moderate	Mid-Flood	Middle	10.65	8:01	9.33	8.40	30.44	29.53	3.79	4.20
CF	20210529	Sunny	Moderate	Mid-Flood	Bottom	20.30	8:00	8.60	8.47	30.28	29.73	3.58	5.90
CF	20210529	Sunny	Moderate	Mid-Flood	Bottom	20.30	8:00	8.73	8.35	30.82	29.64	3.10	3.80
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:25	10.11	8.54	29.35	26.30	2.64	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:25	10.25	8.34	29.66	26.51	3.02	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.70	8:24	10.15	8.29	29.66	26.24	2.39	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.70	8:24	10.38	8.35	29.58	26.35	2.55	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Bottom	8.40	8:23	10.11	8.52	29.47	26.27	2.07	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210501	Cloudy	Moderate	Mid-Flood	Bottom	8.40	8:23	9.71	8.53	29.86	26.36	2.47	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:26	9.62	8.37	29.95	27.09	2.55	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:26	9.12	8.30	29.71	27.09	2.37	3.30
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.25	8:25	9.69	8.48	29.62	27.08	2.23	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.25	8:25	9.11	8.45	29.64	26.92	2.15	3.10
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Bottom	7.50	8:24	9.33	8.46	30.01	26.96	2.29	5.50
WSR01	20210504	Cloudy	Moderate	Mid-Flood	Bottom	7.50	8:24	9.38	8.32	30.10	26.97	2.16	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	12:57	10.48	8.61	30.85	27.35	2.41	3.80
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	12:57	10.10	8.67	30.41	27.36	2.57	3.80
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.25	12:56	8.86	8.66	30.66	27.17	2.34	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.25	12:56	10.27	8.51	30.38	27.17	2.62	4.10
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Bottom	7.50	12:55	10.49	8.63	30.55	27.38	2.07	4.00
WSR01	20210506	Cloudy	Moderate	Mid-Flood	Bottom	7.50	12:55	9.36	8.70	30.85	27.33	2.45	4.20
WSR01	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:06	9.24	8.49	28.11	27.39	2.80	2.50
WSR01	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:06	9.36	8.50	28.27	27.34	2.73	3.00
WSR01	20210508	Sunny	Moderate	Mid-Flood	Middle	4.45	15:05	10.09	8.48	27.63	27.31	2.22	4.10
WSR01	20210508	Sunny	Moderate	Mid-Flood	Middle	4.45	15:05	10.21	8.63	28.32	27.39	2.08	2.50
WSR01	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.90	15:04	9.45	8.43	28.29	27.16	2.26	2.50
WSR01	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.90	15:04	10.22	8.61	27.74	27.09	2.15	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	15:56	9.13	8.40	29.59	29.31	2.17	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	15:56	9.40	8.63	29.42	29.27	2.55	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Middle	4.45	15:55	9.00	8.63	29.06	29.25	1.94	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Middle	4.45	15:55	9.61	8.68	28.78	29.30	2.05	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.90	15:54	9.41	8.48	28.70	29.19	2.13	2.50
WSR01	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.90	15:54	9.24	8.66	28.72	29.26	2.29	2.50
WSR01	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	9.52	8.70	30.87	29.70	2.95	2.70
WSR01	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	9.18	8.58	30.58	29.75	3.03	4.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210513	Sunny	Moderate	Mid-Flood	Middle	4.65	15:56	9.39	8.56	31.21	29.75	3.04	3.20
WSR01	20210513	Sunny	Moderate	Mid-Flood	Middle	4.65	15:56	9.79	8.55	30.44	29.81	3.04	5.70
WSR01	20210513	Sunny	Moderate	Mid-Flood	Bottom	8.30	15:55	9.04	8.72	30.87	29.64	2.51	2.50
WSR01	20210513	Sunny	Moderate	Mid-Flood	Bottom	8.30	15:55	9.80	8.52	30.88	29.64	2.16	3.70
WSR01	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:28	9.42	8.47	30.45	29.37	2.53	2.80
WSR01	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:28	10.13	8.49	30.56	29.23	3.00	2.50
WSR01	20210515	Sunny	Moderate	Mid-Flood	Middle	4.40	8:27	10.18	8.51	30.37	29.17	2.12	4.50
WSR01	20210515	Sunny	Moderate	Mid-Flood	Middle	4.40	8:27	10.01	8.33	30.01	29.30	2.48	2.60
WSR01	20210515	Sunny	Moderate	Mid-Flood	Bottom	7.80	8:26	10.07	8.42	30.00	29.28	2.58	2.50
WSR01	20210515	Sunny	Moderate	Mid-Flood	Bottom	7.80	8:26	9.09	8.42	30.68	29.18	2.18	2.50
WSR01	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:27	9.75	8.53	31.08	29.76	2.21	3.90
WSR01	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:27	9.85	8.54	31.07	29.68	2.55	3.00
WSR01	20210518	Sunny	Moderate	Mid-Flood	Middle	4.30	8:26	9.20	8.49	31.09	29.67	2.23	4.10
WSR01	20210518	Sunny	Moderate	Mid-Flood	Middle	4.30	8:26	8.66	8.50	31.11	29.76	2.09	4.00
WSR01	20210518	Sunny	Moderate	Mid-Flood	Bottom	7.60	8:25	8.49	8.70	30.87	29.61	2.28	6.80
WSR01	20210518	Sunny	Moderate	Mid-Flood	Bottom	7.60	8:25	9.27	8.59	31.20	29.83	2.39	4.10
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:26	8.89	8.53	30.40	29.61	2.29	4.70
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:26	9.64	8.45	30.00	29.76	2.06	7.20
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.30	8:25	9.64	8.59	30.03	29.56	2.76	2.50
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.30	8:25	9.31	8.47	30.46	29.57	2.64	3.80
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.60	8:24	9.33	8.47	30.12	29.59	1.93	4.30
WSR01	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.60	8:24	9.73	8.43	30.01	29.74	2.10	3.50
WSR01	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	13:43	9.24	8.33	30.84	30.13	2.83	2.70
WSR01	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	13:43	9.63	8.25	30.45	30.12	2.81	3.80
WSR01	20210522	Sunny	Moderate	Mid-Flood	Middle	4.35	13:42	9.38	8.26	30.69	29.95	2.21	3.30
WSR01	20210522	Sunny	Moderate	Mid-Flood	Middle	4.35	13:42	9.86	8.31	30.43	29.98	2.07	4.90
WSR01	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.70	13:41	7.90	8.34	30.75	30.13	2.55	2.60

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.70	13:41	7.84	8.28	30.94	29.95	2.68	3.00
WSR01	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	15:56	9.43	8.35	30.62	29.21	2.50	3.60
WSR01	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	15:56	9.22	8.33	30.30	29.18	2.24	4.50
WSR01	20210525	Sunny	Moderate	Mid-Flood	Middle	4.70	15:55	9.88	8.35	30.19	29.16	2.49	2.50
WSR01	20210525	Sunny	Moderate	Mid-Flood	Middle	4.70	15:55	9.14	8.44	30.36	29.02	2.28	2.50
WSR01	20210525	Sunny	Moderate	Mid-Flood	Bottom	8.40	15:54	9.49	8.30	30.65	29.06	2.17	3.10
WSR01	20210525	Sunny	Moderate	Mid-Flood	Bottom	8.40	15:54	9.72	8.36	30.46	29.10	1.84	2.50
WSR01	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	9.06	8.50	29.74	29.89	1.77	3.70
WSR01	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	9.24	8.43	29.76	29.90	1.88	5.10
WSR01	20210527	Sunny	Moderate	Mid-Flood	Middle	4.35	15:56	9.80	8.31	30.23	29.88	1.72	3.60
WSR01	20210527	Sunny	Moderate	Mid-Flood	Middle	4.35	15:56	9.78	8.30	29.71	29.89	2.03	4.30
WSR01	20210527	Sunny	Moderate	Mid-Flood	Bottom	7.70	15:55	9.52	8.53	29.90	29.91	1.58	5.10
WSR01	20210527	Sunny	Moderate	Mid-Flood	Bottom	7.70	15:55	9.80	8.50	29.84	29.90	1.82	5.40
WSR01	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:28	8.48	8.32	30.43	29.61	2.85	4.50
WSR01	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:28	9.19	8.33	30.38	29.68	2.82	2.70
WSR01	20210529	Sunny	Moderate	Mid-Flood	Middle	4.50	8:27	8.97	8.54	30.25	29.75	2.86	2.50
WSR01	20210529	Sunny	Moderate	Mid-Flood	Middle	4.50	8:27	9.35	8.38	30.30	29.71	2.93	4.40
WSR01	20210529	Sunny	Moderate	Mid-Flood	Bottom	8.00	8:26	9.51	8.53	30.87	29.60	2.70	3.70
WSR01	20210529	Sunny	Moderate	Mid-Flood	Bottom	8.00	8:26	9.27	8.48	30.81	29.73	2.31	3.80
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:43	9.70	8.59	29.51	26.65	2.29	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:43	10.10	8.40	29.61	26.37	2.51	4.60
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.80	8:42	9.80	8.61	29.61	26.71	2.40	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.80	8:42	9.60	8.41	29.56	26.47	2.60	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Bottom	8.60	8:41	9.99	8.52	29.44	26.41	2.80	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Flood	Bottom	8.60	8:41	9.68	8.42	29.44	26.40	2.51	3.00
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:45	9.15	8.40	30.12	27.10	2.64	2.50
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:45	9.98	8.44	29.64	27.09	2.90	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.65	8:44	9.48	8.30	30.10	27.32	1.93	3.70
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.65	8:44	9.29	8.46	30.03	27.09	2.14	5.40
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Bottom	8.30	8:43	9.98	8.31	29.69	27.32	2.18	2.50
WSR02	20210504	Cloudy	Moderate	Mid-Flood	Bottom	8.30	8:43	9.13	8.24	29.63	27.29	2.40	2.80
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:18	10.00	8.63	30.42	27.19	2.64	5.60
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:18	9.16	8.58	30.71	27.39	2.98	3.00
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.85	13:17	8.55	8.64	30.82	27.28	2.46	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.85	13:17	9.31	8.57	31.21	27.43	2.46	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Bottom	8.70	13:16	10.44	8.57	30.83	27.28	2.16	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Flood	Bottom	8.70	13:16	9.45	8.67	30.44	27.29	2.27	3.20
WSR02	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:27	10.65	8.65	27.91	26.97	2.24	2.50
WSR02	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:27	10.80	8.54	28.25	27.40	2.03	2.50
WSR02	20210508	Sunny	Moderate	Mid-Flood	Middle	4.65	15:26	9.48	8.49	27.85	27.43	1.88	2.50
WSR02	20210508	Sunny	Moderate	Mid-Flood	Middle	4.65	15:26	9.68	8.49	28.11	27.10	2.21	2.50
WSR02	20210508	Sunny	Moderate	Mid-Flood	Bottom	8.30	15:25	9.71	8.49	28.32	27.10	2.34	2.50
WSR02	20210508	Sunny	Moderate	Mid-Flood	Bottom	8.30	15:25	9.95	8.54	28.23	27.38	2.17	2.50
WSR02	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:17	9.55	8.50	28.87	28.92	2.40	2.50
WSR02	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:17	9.37	8.64	29.91	29.29	2.73	2.50
WSR02	20210511	Sunny	Moderate	Mid-Flood	Middle	4.90	16:16	8.98	8.58	29.44	29.09	2.54	3.00
WSR02	20210511	Sunny	Moderate	Mid-Flood	Middle	4.90	16:16	9.03	8.45	29.14	29.24	2.27	2.50
WSR02	20210511	Sunny	Moderate	Mid-Flood	Bottom	8.80	16:15	9.71	8.60	29.64	28.97	2.34	2.50
WSR02	20210511	Sunny	Moderate	Mid-Flood	Bottom	8.80	16:15	9.87	8.58	28.70	29.22	2.42	2.50
WSR02	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	8.57	8.65	31.22	29.76	3.03	4.40
WSR02	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	8.86	8.66	30.82	29.62	2.66	3.10
WSR02	20210513	Sunny	Moderate	Mid-Flood	Middle	4.70	16:17	8.72	8.49	31.09	29.63	2.73	4.00
WSR02	20210513	Sunny	Moderate	Mid-Flood	Middle	4.70	16:17	10.10	8.60	30.50	29.73	2.74	4.00
WSR02	20210513	Sunny	Moderate	Mid-Flood	Bottom	8.40	16:16	9.11	8.58	31.07	29.70	2.28	3.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210513	Sunny	Moderate	Mid-Flood	Bottom	8.40	16:16	8.75	8.49	30.72	29.74	2.18	6.20
WSR02	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:49	9.67	8.53	30.14	29.37	2.79	2.50
WSR02	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	8:49	9.51	8.34	30.48	29.35	2.88	2.50
WSR02	20210515	Sunny	Moderate	Mid-Flood	Middle	4.55	8:48	10.12	8.51	30.44	29.35	2.31	3.10
WSR02	20210515	Sunny	Moderate	Mid-Flood	Middle	4.55	8:48	9.41	8.39	30.66	29.39	2.15	2.50
WSR02	20210515	Sunny	Moderate	Mid-Flood	Bottom	8.10	8:47	9.14	8.48	30.52	29.20	2.25	3.10
WSR02	20210515	Sunny	Moderate	Mid-Flood	Bottom	8.10	8:47	9.90	8.44	30.46	29.39	2.59	12.00
WSR02	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:48	9.31	8.56	30.80	29.71	2.73	2.50
WSR02	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	8:48	9.78	8.63	30.66	29.75	2.45	3.00
WSR02	20210518	Sunny	Moderate	Mid-Flood	Middle	4.50	8:47	9.55	8.68	30.67	29.69	2.69	4.00
WSR02	20210518	Sunny	Moderate	Mid-Flood	Middle	4.50	8:47	9.03	8.49	30.83	29.77	2.35	3.10
WSR02	20210518	Sunny	Moderate	Mid-Flood	Bottom	8.00	8:46	8.64	8.50	31.00	29.75	2.40	4.60
WSR02	20210518	Sunny	Moderate	Mid-Flood	Bottom	8.00	8:46	8.91	8.72	30.68	29.62	2.36	3.60
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:45	10.03	8.57	30.47	29.85	2.48	2.50
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:45	9.91	8.56	30.43	29.85	2.38	4.20
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.80	8:44	9.17	8.43	30.41	29.79	2.03	3.70
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.80	8:44	9.48	8.52	30.18	29.81	2.36	2.60
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Bottom	8.60	8:43	9.45	8.52	30.15	29.70	2.18	4.10
WSR02	20210520	Cloudy	Moderate	Mid-Flood	Bottom	8.60	8:43	9.51	8.44	30.39	29.65	2.46	3.60
WSR02	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:04	8.70	8.35	30.38	30.07	2.29	2.90
WSR02	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:04	8.55	8.26	30.29	30.13	2.70	3.30
WSR02	20210522	Sunny	Moderate	Mid-Flood	Middle	4.80	14:03	9.26	8.35	30.14	29.95	2.57	4.40
WSR02	20210522	Sunny	Moderate	Mid-Flood	Middle	4.80	14:03	8.69	8.43	30.54	29.96	2.28	3.70
WSR02	20210522	Sunny	Moderate	Mid-Flood	Bottom	8.60	14:02	8.83	8.42	30.42	29.96	2.60	4.40
WSR02	20210522	Sunny	Moderate	Mid-Flood	Bottom	8.60	14:02	8.84	8.41	30.23	29.98	2.26	4.10
WSR02	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:17	8.45	8.34	30.53	28.97	2.86	2.50
WSR02	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:17	8.29	8.50	30.27	29.02	2.76	3.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210525	Sunny	Moderate	Mid-Flood	Middle	4.85	16:16	8.70	8.46	30.45	29.19	2.43	3.20
WSR02	20210525	Sunny	Moderate	Mid-Flood	Middle	4.85	16:16	10.39	8.46	30.64	29.05	2.11	2.50
WSR02	20210525	Sunny	Moderate	Mid-Flood	Bottom	8.70	16:15	10.17	8.42	30.24	29.12	2.45	2.90
WSR02	20210525	Sunny	Moderate	Mid-Flood	Bottom	8.70	16:15	10.26	8.42	30.52	29.06	2.13	2.50
WSR02	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	9.92	8.46	30.35	29.77	2.65	5.20
WSR02	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:18	10.11	8.45	30.40	29.88	2.44	5.40
WSR02	20210527	Sunny	Moderate	Mid-Flood	Middle	4.50	16:17	9.94	8.36	29.89	29.90	1.99	4.50
WSR02	20210527	Sunny	Moderate	Mid-Flood	Middle	4.50	16:17	9.93	8.43	29.83	30.01	2.18	6.10
WSR02	20210527	Sunny	Moderate	Mid-Flood	Bottom	8.00	16:16	10.04	8.37	30.35	29.90	2.22	4.30
WSR02	20210527	Sunny	Moderate	Mid-Flood	Bottom	8.00	16:16	9.21	8.30	30.10	29.96	2.31	2.50
WSR02	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:49	8.54	8.30	30.50	29.83	2.49	2.60
WSR02	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	8:49	9.38	8.39	30.39	29.89	2.34	4.70
WSR02	20210529	Sunny	Moderate	Mid-Flood	Middle	4.60	8:48	9.65	8.51	30.50	29.79	2.09	2.70
WSR02	20210529	Sunny	Moderate	Mid-Flood	Middle	4.60	8:48	9.24	8.30	30.87	29.84	2.32	2.50
WSR02	20210529	Sunny	Moderate	Mid-Flood	Bottom	8.20	8:47	9.06	8.52	30.42	29.70	2.60	4.70
WSR02	20210529	Sunny	Moderate	Mid-Flood	Bottom	8.20	8:47	8.89	8.46	30.81	29.81	2.34	3.60
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:57	9.93	8.46	29.46	26.44	2.68	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	8:57	9.84	8.43	29.77	26.53	2.27	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.00	8:56	9.69	8.37	29.77	26.41	2.33	3.50
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.00	8:56	10.46	8.52	29.81	26.46	2.11	3.10
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Bottom	7.00	8:55	9.98	8.59	29.56	26.73	2.01	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Flood	Bottom	7.00	8:55	10.17	8.48	29.57	26.58	1.89	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:01	9.21	8.30	29.79	27.18	2.25	4.60
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:01	9.27	8.38	29.65	27.26	2.40	3.10
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.75	9:00	9.30	8.43	29.72	27.36	2.14	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.75	9:00	10.10	8.36	29.76	27.31	2.35	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.50	8:59	9.73	8.41	29.86	27.30	2.13	3.70

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.50	8:59	9.90	8.46	29.59	27.37	1.89	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:32	9.43	8.66	30.95	27.25	2.20	3.40
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:32	9.58	8.65	30.87	27.39	2.36	3.00
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.70	13:31	8.79	8.60	30.80	27.26	2.51	3.90
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.70	13:31	9.62	8.61	30.89	27.43	2.65	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.40	13:30	8.63	8.62	30.86	27.36	2.32	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.40	13:30	9.74	8.49	30.97	27.37	2.44	3.10
WSR03	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:41	9.73	8.49	27.54	27.19	2.03	2.80
WSR03	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:41	9.75	8.54	27.76	27.07	2.36	2.50
WSR03	20210508	Sunny	Moderate	Mid-Flood	Middle	4.25	15:40	9.60	8.50	27.95	26.90	2.34	2.50
WSR03	20210508	Sunny	Moderate	Mid-Flood	Middle	4.25	15:40	9.43	8.48	27.91	26.93	2.26	2.60
WSR03	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.50	15:39	9.26	8.54	27.83	27.02	2.06	2.50
WSR03	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.50	15:39	10.81	8.64	27.58	26.88	2.23	2.50
WSR03	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:31	9.91	8.38	28.80	29.01	2.13	2.50
WSR03	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:31	9.33	8.57	28.77	29.09	2.26	2.50
WSR03	20210511	Sunny	Moderate	Mid-Flood	Middle	4.05	16:30	8.97	8.59	29.88	28.96	2.22	2.80
WSR03	20210511	Sunny	Moderate	Mid-Flood	Middle	4.05	16:30	9.42	8.52	29.19	29.07	2.36	4.30
WSR03	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.10	16:29	9.61	8.39	28.99	29.09	1.84	2.50
WSR03	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.10	16:29	8.93	8.40	28.90	28.95	2.44	2.50
WSR03	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:34	9.25	8.49	30.81	29.76	3.14	6.00
WSR03	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:34	9.54	8.71	30.50	29.56	2.74	3.80
WSR03	20210513	Sunny	Moderate	Mid-Flood	Middle	3.80	16:33	9.43	8.59	30.92	29.70	2.88	4.20
WSR03	20210513	Sunny	Moderate	Mid-Flood	Middle	3.80	16:33	9.74	8.66	31.06	29.75	2.87	4.40
WSR03	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.60	16:32	8.88	8.60	31.14	29.58	2.85	4.50
WSR03	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.60	16:32	9.16	8.56	31.11	29.58	2.82	2.50
WSR03	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:20	8.94	8.45	30.41	29.63	2.55	2.50
WSR03	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:20	8.96	8.54	30.43	29.57	2.24	6.20

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210515	Sunny	Moderate	Mid-Flood	Middle	4.05	10:19	8.92	8.42	30.11	29.53	2.54	2.80
WSR03	20210515	Sunny	Moderate	Mid-Flood	Middle	4.05	10:19	8.89	8.39	30.39	29.54	2.67	2.50
WSR03	20210515	Sunny	Moderate	Mid-Flood	Bottom	7.10	10:18	9.64	8.50	30.10	29.66	2.23	3.90
WSR03	20210515	Sunny	Moderate	Mid-Flood	Bottom	7.10	10:18	10.26	8.46	29.99	29.51	2.35	4.30
WSR03	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:03	9.22	8.66	30.93	29.78	2.25	5.00
WSR03	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:03	9.59	8.63	30.75	29.81	2.69	2.50
WSR03	20210518	Sunny	Moderate	Mid-Flood	Middle	3.70	9:02	8.64	8.65	30.85	29.80	2.26	2.70
WSR03	20210518	Sunny	Moderate	Mid-Flood	Middle	3.70	9:02	9.36	8.66	30.69	29.79	2.09	2.60
WSR03	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.40	9:01	9.42	8.70	30.92	29.74	2.32	3.30
WSR03	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.40	9:01	9.23	8.54	30.84	29.78	2.23	3.70
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:01	9.65	8.49	30.37	29.81	2.38	2.70
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:01	9.42	8.41	30.06	29.66	2.34	3.00
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.00	9:00	9.06	8.41	30.18	29.68	2.38	2.80
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.00	9:00	9.14	8.56	30.29	29.72	2.17	3.50
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.00	8:59	9.85	8.60	30.61	29.84	2.16	2.60
WSR03	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.00	8:59	10.00	8.38	30.23	29.62	2.38	2.70
WSR03	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:20	9.62	8.37	30.18	30.08	2.98	4.30
WSR03	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:20	9.14	8.36	30.35	30.11	2.56	2.50
WSR03	20210522	Sunny	Moderate	Mid-Flood	Middle	4.00	14:19	7.77	8.29	30.57	30.04	2.48	4.80
WSR03	20210522	Sunny	Moderate	Mid-Flood	Middle	4.00	14:19	9.31	8.41	30.58	29.97	2.75	8.30
WSR03	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.00	14:18	7.92	8.36	30.20	30.00	2.24	2.80
WSR03	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.00	14:18	8.00	8.39	30.92	30.03	2.03	3.60
WSR03	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:33	10.37	8.42	30.58	29.05	2.67	2.50
WSR03	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:33	9.05	8.51	30.35	29.08	2.39	2.50
WSR03	20210525	Sunny	Moderate	Mid-Flood	Middle	3.80	16:32	8.32	8.30	30.24	28.94	2.17	2.50
WSR03	20210525	Sunny	Moderate	Mid-Flood	Middle	3.80	16:32	9.92	8.49	30.41	29.18	2.45	2.50
WSR03	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.60	16:31	10.27	8.35	30.70	29.04	1.75	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.60	16:31	9.13	8.49	30.34	28.93	1.95	2.50
WSR03	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:32	9.76	8.33	29.80	29.81	2.68	12.60
WSR03	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:32	8.99	8.35	29.95	29.85	2.51	8.50
WSR03	20210527	Sunny	Moderate	Mid-Flood	Middle	3.75	16:31	9.07	8.52	30.18	29.86	2.48	4.60
WSR03	20210527	Sunny	Moderate	Mid-Flood	Middle	3.75	16:31	9.86	8.43	29.79	29.88	2.24	2.80
WSR03	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.50	16:30	9.28	8.39	30.17	29.89	2.23	5.30
WSR03	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.50	16:30	8.92	8.51	29.92	29.92	2.14	2.80
WSR03	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:05	9.23	8.37	30.53	29.73	2.51	3.40
WSR03	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:05	8.98	8.39	30.40	29.82	2.96	2.50
WSR03	20210529	Sunny	Moderate	Mid-Flood	Middle	3.75	9:04	8.59	8.49	30.39	29.90	2.20	3.50
WSR03	20210529	Sunny	Moderate	Mid-Flood	Middle	3.75	9:04	9.26	8.31	30.72	29.89	2.35	3.20
WSR03	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.50	9:03	8.76	8.47	30.75	29.74	2.26	3.30
WSR03	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.50	9:03	9.31	8.40	30.48	29.72	1.91	3.20
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:11	10.36	8.48	29.75	26.76	2.74	2.50
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:11	9.70	8.32	29.59	26.67	2.50	2.50
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.70	9:10	9.69	8.56	29.56	26.79	2.19	2.50
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.70	9:10	9.82	8.62	29.67	26.76	2.09	2.50
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Bottom	6.40	9:09	10.46	8.58	29.89	26.63	2.20	3.10
WSR04	20210501	Cloudy	Moderate	Mid-Flood	Bottom	6.40	9:09	9.86	8.45	29.84	26.50	2.56	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:15	9.63	8.27	29.90	27.46	2.39	3.60
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:15	9.91	8.41	29.90	27.36	2.62	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:14	9.74	8.38	29.74	27.35	2.32	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:14	9.46	8.43	29.71	27.34	2.03	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:13	9.13	8.34	29.60	27.45	2.18	3.90
WSR04	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:13	9.10	8.33	29.84	27.40	2.33	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:48	9.73	8.49	31.11	27.23	2.10	4.40
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	13:48	9.67	8.71	30.93	27.26	2.40	2.80

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.90	13:47	8.94	8.54	30.55	27.43	2.71	3.00
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.90	13:47	8.71	8.55	30.50	27.28	2.98	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.80	13:46	8.90	8.63	30.92	27.44	2.21	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.80	13:46	9.31	8.63	30.60	27.38	2.02	3.40
WSR04	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	9.39	8.41	28.00	27.15	2.54	2.50
WSR04	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	15:57	10.28	8.52	27.88	27.11	2.57	2.50
WSR04	20210508	Sunny	Moderate	Mid-Flood	Middle	3.85	15:56	9.68	8.46	27.81	27.10	2.54	2.50
WSR04	20210508	Sunny	Moderate	Mid-Flood	Middle	3.85	15:56	10.77	8.53	27.75	26.86	2.26	2.70
WSR04	20210508	Sunny	Moderate	Mid-Flood	Bottom	6.70	15:55	9.78	8.64	28.15	26.90	2.09	3.40
WSR04	20210508	Sunny	Moderate	Mid-Flood	Bottom	6.70	15:55	10.87	8.63	27.76	27.11	2.35	2.80
WSR04	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:47	9.05	8.41	29.31	29.12	2.20	2.50
WSR04	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	16:47	9.23	8.44	28.81	29.18	2.49	2.50
WSR04	20210511	Sunny	Moderate	Mid-Flood	Middle	3.35	16:46	9.14	8.60	29.48	29.20	2.21	4.80
WSR04	20210511	Sunny	Moderate	Mid-Flood	Middle	3.35	16:46	9.18	8.53	29.47	29.06	2.52	3.30
WSR04	20210511	Sunny	Moderate	Mid-Flood	Bottom	5.70	16:45	9.06	8.39	29.65	29.18	2.35	3.30
WSR04	20210511	Sunny	Moderate	Mid-Flood	Bottom	5.70	16:45	8.92	8.63	28.76	28.88	1.88	5.90
WSR04	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:50	9.90	8.63	30.71	29.67	2.17	5.40
WSR04	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	16:50	9.86	8.64	30.96	29.78	2.52	3.70
WSR04	20210513	Sunny	Moderate	Mid-Flood	Middle	3.40	16:49	9.18	8.50	30.53	29.65	2.58	2.50
WSR04	20210513	Sunny	Moderate	Mid-Flood	Middle	3.40	16:49	9.44	8.73	30.63	29.63	3.01	3.10
WSR04	20210513	Sunny	Moderate	Mid-Flood	Bottom	5.80	16:48	9.61	8.62	30.52	29.50	2.24	2.50
WSR04	20210513	Sunny	Moderate	Mid-Flood	Bottom	5.80	16:48	9.55	8.58	30.69	29.67	2.33	3.10
WSR04	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:06	9.20	8.32	30.82	29.59	3.30	4.70
WSR04	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:06	10.15	8.44	30.60	29.59	3.23	2.50
WSR04	20210515	Sunny	Moderate	Mid-Flood	Middle	3.90	10:05	9.90	8.40	30.53	29.45	2.85	2.50
WSR04	20210515	Sunny	Moderate	Mid-Flood	Middle	3.90	10:05	9.89	8.33	30.09	29.65	2.51	2.50
WSR04	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.80	10:04	8.87	8.40	30.48	29.52	2.61	9.80

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.80	10:04	9.15	8.43	30.10	29.46	2.92	3.10
WSR04	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:19	8.80	8.48	30.94	29.80	2.76	2.50
WSR04	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:19	9.04	8.63	30.74	29.98	2.39	3.70
WSR04	20210518	Sunny	Moderate	Mid-Flood	Middle	3.40	9:18	8.99	8.63	30.83	29.78	2.48	2.80
WSR04	20210518	Sunny	Moderate	Mid-Flood	Middle	3.40	9:18	8.85	8.52	30.84	29.87	2.81	3.00
WSR04	20210518	Sunny	Moderate	Mid-Flood	Bottom	5.80	9:17	8.63	8.63	30.78	29.95	2.52	5.60
WSR04	20210518	Sunny	Moderate	Mid-Flood	Bottom	5.80	9:17	9.34	8.51	30.84	29.85	2.49	4.30
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:15	9.40	8.45	30.49	29.74	2.81	10.40
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:15	9.74	8.43	30.01	29.91	2.39	2.50
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.70	9:14	9.92	8.57	29.90	29.72	2.30	3.60
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.70	9:14	9.59	8.42	30.06	29.74	1.98	3.80
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Bottom	6.40	9:13	10.02	8.40	29.88	29.92	1.95	2.50
WSR04	20210520	Cloudy	Moderate	Mid-Flood	Bottom	6.40	9:13	9.76	8.51	30.03	29.89	2.11	3.90
WSR04	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:36	9.07	8.30	30.14	29.98	2.94	4.20
WSR04	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:36	9.21	8.41	30.95	30.05	2.57	2.90
WSR04	20210522	Sunny	Moderate	Mid-Flood	Middle	3.65	14:35	7.93	8.48	30.22	29.97	2.20	2.50
WSR04	20210522	Sunny	Moderate	Mid-Flood	Middle	3.65	14:35	8.59	8.46	30.43	30.01	2.43	2.80
WSR04	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.30	14:34	8.23	8.37	30.69	29.93	2.00	2.50
WSR04	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.30	14:34	7.97	8.33	30.87	30.17	2.06	2.60
WSR04	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:47	9.89	8.32	30.54	29.01	3.06	2.50
WSR04	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	16:47	8.37	8.37	30.66	28.92	2.95	2.50
WSR04	20210525	Sunny	Moderate	Mid-Flood	Middle	3.50	16:46	9.37	8.48	30.69	28.96	2.09	2.50
WSR04	20210525	Sunny	Moderate	Mid-Flood	Middle	3.50	16:46	9.61	8.39	30.10	29.11	2.26	2.50
WSR04	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.00	16:45	10.34	8.27	30.60	28.87	2.31	2.50
WSR04	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.00	16:45	9.20	8.36	30.77	28.92	2.10	2.50
WSR04	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:48	9.43	8.41	30.06	29.80	2.63	2.50
WSR04	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	16:48	9.72	8.54	30.04	29.78	2.33	4.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210527	Sunny	Moderate	Mid-Flood	Middle	3.50	16:47	9.00	8.50	30.20	29.92	2.16	15.60
WSR04	20210527	Sunny	Moderate	Mid-Flood	Middle	3.50	16:47	8.92	8.41	30.19	29.88	2.47	14.10
WSR04	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.00	16:46	9.49	8.43	30.43	29.86	2.34	4.30
WSR04	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.00	16:46	9.41	8.36	30.31	29.89	2.61	3.50
WSR04	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:20	8.97	8.51	30.13	29.77	2.43	8.90
WSR04	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:20	8.79	8.53	30.29	29.89	2.33	9.60
WSR04	20210529	Sunny	Moderate	Mid-Flood	Middle	3.70	9:19	9.41	8.48	30.79	29.73	2.10	2.50
WSR04	20210529	Sunny	Moderate	Mid-Flood	Middle	3.70	9:19	9.13	8.51	30.26	29.90	2.30	3.20
WSR04	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.40	9:18	8.81	8.50	30.65	29.91	1.93	3.40
WSR04	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.40	9:18	9.28	8.38	30.84	29.73	2.23	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:25	9.82	8.46	29.33	26.95	3.06	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:25	9.99	8.44	29.69	26.91	2.99	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Middle	8.15	10:24	10.48	8.53	29.42	26.87	2.36	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Middle	8.15	10:24	10.51	8.53	29.57	26.84	2.62	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Bottom	15.30	10:23	9.88	8.43	29.46	26.84	2.27	2.50
WSR16	20210501	Cloudy	Moderate	Mid-Flood	Bottom	15.30	10:23	9.62	8.35	29.56	26.98	2.44	2.50
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:25	9.40	8.52	29.85	27.47	2.49	2.50
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:25	9.66	8.51	30.04	27.66	2.73	2.90
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Middle	8.60	10:24	9.16	8.21	30.08	27.48	2.32	3.90
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Middle	8.60	10:24	9.48	8.46	30.10	27.60	2.33	3.00
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Bottom	16.20	10:23	9.60	8.42	29.67	27.71	1.92	4.40
WSR16	20210504	Cloudy	Moderate	Mid-Flood	Bottom	16.20	10:23	9.41	8.47	29.97	27.72	2.01	5.00
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:57	8.35	8.47	30.82	27.06	2.70	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:57	9.07	8.51	31.03	27.25	3.16	2.60
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Middle	8.30	14:56	10.18	8.62	31.14	27.37	2.73	3.50
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Middle	8.30	14:56	8.97	8.55	30.62	27.07	2.69	2.60
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Bottom	15.60	14:55	9.56	8.49	31.02	27.13	2.39	5.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210506	Cloudy	Moderate	Mid-Flood	Bottom	15.60	14:55	9.34	8.68	30.66	27.32	2.03	3.20
WSR16	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	17:09	10.10	8.45	28.27	26.83	2.48	3.90
WSR16	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	17:09	10.98	8.41	27.91	26.91	2.33	2.50
WSR16	20210508	Sunny	Moderate	Mid-Flood	Middle	8.40	17:08	10.30	8.48	27.96	26.85	2.29	3.20
WSR16	20210508	Sunny	Moderate	Mid-Flood	Middle	8.40	17:08	10.78	8.52	28.27	27.08	2.48	2.50
WSR16	20210508	Sunny	Moderate	Mid-Flood	Bottom	15.80	17:07	9.50	8.52	28.02	27.23	1.75	3.00
WSR16	20210508	Sunny	Moderate	Mid-Flood	Bottom	15.80	17:07	9.52	8.51	27.81	26.86	1.93	2.80
WSR16	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:57	9.13	8.37	29.52	28.95	2.32	2.50
WSR16	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:57	9.40	8.44	29.22	28.76	2.95	2.60
WSR16	20210511	Sunny	Moderate	Mid-Flood	Middle	7.65	17:56	9.92	8.52	29.65	29.02	2.31	2.50
WSR16	20210511	Sunny	Moderate	Mid-Flood	Middle	7.65	17:56	9.09	8.62	29.97	28.92	2.23	3.30
WSR16	20210511	Sunny	Moderate	Mid-Flood	Bottom	14.30	17:55	8.97	8.58	29.94	28.81	2.50	3.10
WSR16	20210511	Sunny	Moderate	Mid-Flood	Bottom	14.30	17:55	9.85	8.46	29.42	28.94	1.86	3.90
WSR16	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	18:02	9.04	8.53	30.90	29.57	2.76	4.00
WSR16	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	18:02	9.54	8.64	30.52	29.64	2.33	3.90
WSR16	20210513	Sunny	Moderate	Mid-Flood	Middle	7.75	18:01	8.53	8.50	30.69	29.63	3.10	2.90
WSR16	20210513	Sunny	Moderate	Mid-Flood	Middle	7.75	18:01	8.65	8.67	30.71	29.56	3.03	3.20
WSR16	20210513	Sunny	Moderate	Mid-Flood	Bottom	14.50	18:00	10.12	8.70	30.56	29.58	2.90	4.20
WSR16	20210513	Sunny	Moderate	Mid-Flood	Bottom	14.50	18:00	10.17	8.67	30.51	29.49	2.75	3.40
WSR16	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:47	9.89	8.43	30.37	29.67	2.75	3.30
WSR16	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	10:47	10.04	8.40	30.81	29.64	3.12	2.50
WSR16	20210515	Sunny	Moderate	Mid-Flood	Middle	7.65	10:46	9.20	8.48	30.62	29.80	2.50	3.10
WSR16	20210515	Sunny	Moderate	Mid-Flood	Middle	7.65	10:46	10.29	8.49	30.12	29.76	2.69	3.70
WSR16	20210515	Sunny	Moderate	Mid-Flood	Bottom	14.30	10:45	9.38	8.33	30.14	29.65	2.66	2.50
WSR16	20210515	Sunny	Moderate	Mid-Flood	Bottom	14.30	10:45	9.40	8.44	30.31	29.62	2.77	2.50
WSR16	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:33	9.76	8.72	30.89	30.05	3.03	3.10
WSR16	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:33	9.21	8.65	30.90	29.88	2.78	3.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210518	Sunny	Moderate	Mid-Flood	Middle	7.80	10:32	9.83	8.69	30.82	29.92	2.78	2.50
WSR16	20210518	Sunny	Moderate	Mid-Flood	Middle	7.80	10:32	9.72	8.49	31.08	29.99	2.37	3.60
WSR16	20210518	Sunny	Moderate	Mid-Flood	Bottom	14.60	10:31	9.05	8.72	31.01	30.03	1.80	3.70
WSR16	20210518	Sunny	Moderate	Mid-Flood	Bottom	14.60	10:31	8.57	8.59	30.94	29.86	1.77	4.40
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:27	9.66	8.60	29.91	30.03	2.27	4.30
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:27	9.14	8.53	30.36	29.96	2.41	2.50
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Middle	7.65	10:26	9.68	8.40	29.93	29.99	2.62	3.40
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Middle	7.65	10:26	9.10	8.61	30.47	29.92	2.24	3.90
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Bottom	14.30	10:25	9.95	8.61	29.97	30.00	2.43	2.50
WSR16	20210520	Cloudy	Moderate	Mid-Flood	Bottom	14.30	10:25	9.34	8.52	30.01	29.98	2.19	2.50
WSR16	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:52	9.13	8.47	30.88	29.95	2.16	2.80
WSR16	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:52	8.08	8.33	30.53	29.85	2.48	3.40
WSR16	20210522	Sunny	Moderate	Mid-Flood	Middle	8.15	15:51	7.85	8.47	30.63	30.18	2.23	3.10
WSR16	20210522	Sunny	Moderate	Mid-Flood	Middle	8.15	15:51	9.19	8.38	30.81	30.06	2.44	3.70
WSR16	20210522	Sunny	Moderate	Mid-Flood	Bottom	15.30	15:50	8.12	8.42	30.67	30.02	2.11	4.20
WSR16	20210522	Sunny	Moderate	Mid-Flood	Bottom	15.30	15:50	8.16	8.24	30.36	30.10	2.07	3.50
WSR16	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:59	9.46	8.30	30.09	28.86	2.98	2.50
WSR16	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:59	9.60	8.30	29.99	28.77	3.04	2.50
WSR16	20210525	Sunny	Moderate	Mid-Flood	Middle	8.45	17:58	8.24	8.46	30.56	28.70	2.21	2.60
WSR16	20210525	Sunny	Moderate	Mid-Flood	Middle	8.45	17:58	8.94	8.37	30.69	28.84	2.57	2.50
WSR16	20210525	Sunny	Moderate	Mid-Flood	Bottom	15.90	17:57	9.42	8.51	30.53	28.83	2.53	2.50
WSR16	20210525	Sunny	Moderate	Mid-Flood	Bottom	15.90	17:57	8.74	8.30	30.10	28.83	2.30	2.50
WSR16	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:57	9.71	8.45	29.93	29.69	2.90	4.30
WSR16	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:57	9.19	8.34	30.42	29.80	2.42	4.60
WSR16	20210527	Sunny	Moderate	Mid-Flood	Middle	8.05	17:56	9.44	8.44	29.79	29.74	2.02	5.10
WSR16	20210527	Sunny	Moderate	Mid-Flood	Middle	8.05	17:56	9.58	8.37	29.92	29.83	2.29	5.30
WSR16	20210527	Sunny	Moderate	Mid-Flood	Bottom	15.10	17:55	9.87	8.40	30.32	29.83	1.83	3.00

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210527	Sunny	Moderate	Mid-Flood	Bottom	15.10	17:55	10.09	8.39	30.32	29.75	2.14	4.60
WSR16	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	10:34	9.18	8.30	30.55	29.94	2.65	2.50
WSR16	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	10:34	8.88	8.45	30.84	30.22	2.36	3.60
WSR16	20210529	Sunny	Moderate	Mid-Flood	Middle	8.35	10:33	8.64	8.36	30.61	29.97	2.76	2.50
WSR16	20210529	Sunny	Moderate	Mid-Flood	Middle	8.35	10:33	9.66	8.35	30.32	30.20	2.73	3.80
WSR16	20210529	Sunny	Moderate	Mid-Flood	Bottom	15.70	10:32	8.50	8.45	30.82	30.10	2.33	3.50
WSR16	20210529	Sunny	Moderate	Mid-Flood	Bottom	15.70	10:32	8.81	8.32	30.49	30.02	1.97	3.20
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:28	10.19	8.55	29.35	26.82	2.77	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:28	9.59	8.42	29.61	26.52	2.98	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:27	9.62	8.62	29.77	26.68	2.53	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:27	10.52	8.45	29.61	26.70	2.17	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:26	10.11	8.58	29.51	26.74	2.30	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:26	9.77	8.42	29.58	26.69	2.60	2.50
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:30	9.20	8.25	29.98	27.49	2.83	4.00
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:30	9.26	8.32	29.81	27.39	2.41	11.80
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:29	10.01	8.26	29.88	27.38	1.87	2.80
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.85	9:29	9.44	8.23	30.11	27.40	2.03	3.60
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:28	10.08	8.38	29.91	27.34	2.08	3.90
WSR33	20210504	Cloudy	Moderate	Mid-Flood	Bottom	6.70	9:28	9.59	8.46	29.76	27.31	1.94	3.60
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:03	9.17	8.60	30.43	27.26	2.86	3.00
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:03	9.87	8.69	30.61	27.26	2.57	4.90
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.80	14:02	9.29	8.68	30.95	27.37	2.37	4.10
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.80	14:02	9.94	8.51	30.50	27.21	2.19	4.40
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.60	14:01	9.75	8.67	31.17	27.24	2.58	2.60
WSR33	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.60	14:01	9.92	8.66	30.91	27.25	2.70	3.80
WSR33	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:12	9.71	8.42	28.08	27.37	1.96	3.30
WSR33	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:12	10.03	8.44	28.03	27.31	2.29	3.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210508	Sunny	Moderate	Mid-Flood	Middle	3.75	16:11	10.19	8.52	28.31	27.23	2.64	3.90
WSR33	20210508	Sunny	Moderate	Mid-Flood	Middle	3.75	16:11	10.80	8.55	27.98	27.05	2.38	3.00
WSR33	20210508	Sunny	Moderate	Mid-Flood	Bottom	6.50	16:10	9.41	8.54	28.01	27.08	2.23	2.50
WSR33	20210508	Sunny	Moderate	Mid-Flood	Bottom	6.50	16:10	9.55	8.61	27.85	27.25	2.35	3.90
WSR33	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:02	9.73	8.69	29.22	28.94	2.72	2.50
WSR33	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:02	8.97	8.58	29.02	29.10	2.22	3.00
WSR33	20210511	Sunny	Moderate	Mid-Flood	Middle	3.65	17:01	9.40	8.38	29.11	29.13	2.37	3.10
WSR33	20210511	Sunny	Moderate	Mid-Flood	Middle	3.65	17:01	9.62	8.45	29.66	29.08	2.59	3.90
WSR33	20210511	Sunny	Moderate	Mid-Flood	Bottom	6.30	17:00	9.74	8.61	29.41	29.05	2.47	2.50
WSR33	20210511	Sunny	Moderate	Mid-Flood	Bottom	6.30	17:00	9.08	8.44	29.58	28.99	1.73	3.30
WSR33	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:05	9.06	8.50	30.48	29.45	3.08	2.80
WSR33	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:05	9.02	8.54	30.69	29.62	2.65	4.30
WSR33	20210513	Sunny	Moderate	Mid-Flood	Middle	3.55	17:04	10.02	8.53	30.95	29.48	2.57	2.50
WSR33	20210513	Sunny	Moderate	Mid-Flood	Middle	3.55	17:04	9.95	8.58	31.22	29.51	2.75	2.50
WSR33	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.10	17:03	9.41	8.58	30.99	29.57	2.56	2.50
WSR33	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.10	17:03	9.64	8.64	30.85	29.42	2.73	3.40
WSR33	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	10.19	8.49	30.27	29.52	2.99	2.50
WSR33	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	9.64	8.36	30.50	29.63	2.97	7.10
WSR33	20210515	Sunny	Moderate	Mid-Flood	Middle	3.55	9:50	9.13	8.32	30.48	29.51	2.73	3.70
WSR33	20210515	Sunny	Moderate	Mid-Flood	Middle	3.55	9:50	9.14	8.46	30.76	29.43	3.16	2.60
WSR33	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.10	9:49	9.81	8.37	30.16	29.57	2.07	2.90
WSR33	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.10	9:49	9.15	8.43	29.99	29.60	2.28	3.50
WSR33	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:35	9.65	8.53	30.75	29.86	2.71	3.80
WSR33	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:35	9.77	8.73	31.02	29.89	2.68	2.70
WSR33	20210518	Sunny	Moderate	Mid-Flood	Middle	3.60	9:34	9.46	8.59	30.77	29.88	2.47	4.20
WSR33	20210518	Sunny	Moderate	Mid-Flood	Middle	3.60	9:34	9.21	8.51	31.16	29.86	2.76	3.60
WSR33	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.20	9:33	9.40	8.65	30.86	29.88	1.53	4.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.20	9:33	8.70	8.69	30.89	29.78	1.83	2.80
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:32	9.67	8.42	29.90	29.80	2.24	2.50
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:32	9.67	8.61	29.83	29.88	2.37	3.00
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.75	9:31	9.59	8.56	30.58	29.75	2.06	3.00
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.75	9:31	8.84	8.48	30.09	29.80	2.43	3.00
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Bottom	6.50	9:30	9.73	8.61	29.91	29.87	2.16	3.70
WSR33	20210520	Cloudy	Moderate	Mid-Flood	Bottom	6.50	9:30	9.76	8.43	29.86	29.71	2.42	2.50
WSR33	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:53	9.69	8.47	30.67	29.94	2.87	2.70
WSR33	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	14:53	8.85	8.30	30.41	30.12	2.77	3.10
WSR33	20210522	Sunny	Moderate	Mid-Flood	Middle	3.60	14:52	8.09	8.42	30.81	30.05	2.08	3.70
WSR33	20210522	Sunny	Moderate	Mid-Flood	Middle	3.60	14:52	8.99	8.26	30.85	29.88	1.80	4.80
WSR33	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.20	14:51	8.61	8.41	30.68	30.11	1.95	3.70
WSR33	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.20	14:51	8.08	8.34	30.31	30.09	1.67	4.40
WSR33	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:04	8.69	8.45	30.54	29.00	3.04	2.50
WSR33	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:04	10.36	8.44	30.67	28.91	3.00	2.50
WSR33	20210525	Sunny	Moderate	Mid-Flood	Middle	3.60	17:03	8.56	8.33	30.39	28.95	1.99	2.70
WSR33	20210525	Sunny	Moderate	Mid-Flood	Middle	3.60	17:03	9.13	8.50	30.16	29.01	2.29	2.50
WSR33	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.20	17:02	8.37	8.37	30.17	29.13	2.18	2.50
WSR33	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.20	17:02	9.24	8.46	30.66	28.99	1.86	2.50
WSR33	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:37	8.56	8.34	30.39	29.97	2.45	3.90
WSR33	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:03	9.64	8.30	30.33	29.86	2.88	15.10
WSR33	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:03	9.91	8.33	30.05	29.90	2.71	15.00
WSR33	20210527	Sunny	Moderate	Mid-Flood	Middle	3.55	17:02	9.37	8.41	29.92	29.82	2.54	3.90
WSR33	20210527	Sunny	Moderate	Mid-Flood	Middle	3.55	17:02	9.93	8.41	30.07	29.83	2.26	4.30
WSR33	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.10	17:01	10.03	8.38	29.69	29.84	2.08	5.00
WSR33	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.10	17:01	9.95	8.39	30.39	29.87	2.44	3.20
WSR33	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:37	9.17	8.51	30.25	30.04	2.36	4.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210529	Sunny	Moderate	Mid-Flood	Middle	3.80	9:36	8.80	8.30	30.06	30.07	2.35	3.60
WSR33	20210529	Sunny	Moderate	Mid-Flood	Middle	3.80	9:36	8.84	8.47	30.51	30.00	2.52	2.90
WSR33	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.60	9:35	9.07	8.51	30.72	30.08	2.71	2.50
WSR33	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.60	9:35	8.92	8.32	30.12	29.98	2.26	2.90
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:44	10.19	8.62	29.65	26.69	2.82	2.50
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:44	9.61	8.36	29.44	26.90	2.61	2.50
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.35	9:44	9.92	8.37	29.84	26.77	2.00	2.50
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Middle	3.35	9:44	9.96	8.30	29.63	26.79	2.28	2.50
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Bottom	5.70	9:43	9.84	8.54	29.33	26.78	2.00	5.00
WSR36	20210501	Cloudy	Moderate	Mid-Flood	Bottom	5.70	9:43	10.34	8.36	29.45	26.66	1.79	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:46	9.74	8.42	29.57	27.41	2.75	3.40
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:46	10.06	8.22	29.91	27.29	2.69	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.45	9:46	9.99	8.38	29.93	27.33	2.41	3.60
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Middle	3.45	9:46	10.06	8.33	29.88	27.33	2.04	3.50
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Bottom	5.90	9:45	9.68	8.49	29.81	27.31	2.09	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Flood	Bottom	5.90	9:45	10.07	8.33	29.79	27.27	1.97	3.90
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:16	9.84	8.49	30.67	27.17	2.97	4.20
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:16	8.70	8.60	30.71	27.13	2.84	5.40
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:16	8.28	8.63	30.90	27.33	2.64	4.10
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Middle	3.55	14:16	8.77	8.47	30.82	27.21	2.76	5.50
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.10	14:15	9.07	8.65	30.53	27.31	2.15	4.80
WSR36	20210506	Cloudy	Moderate	Mid-Flood	Bottom	6.10	14:15	8.67	8.65	31.17	27.42	2.02	3.70
WSR36	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:28	9.48	8.64	28.17	27.19	2.56	2.50
WSR36	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:28	10.64	8.58	27.78	27.18	2.33	2.50
WSR36	20210508	Sunny	Moderate	Mid-Flood	Middle	3.30	16:28	10.29	8.46	27.92	27.29	2.44	2.50
WSR36	20210508	Sunny	Moderate	Mid-Flood	Middle	3.30	16:28	10.64	8.56	27.58	27.35	2.13	3.30
WSR36	20210508	Sunny	Moderate	Mid-Flood	Bottom	5.60	16:27	9.21	8.59	27.53	27.32	2.02	3.10

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210508	Sunny	Moderate	Mid-Flood	Bottom	5.60	16:27	10.50	8.42	28.11	27.35	1.95	2.70
WSR36	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:16	9.86	8.47	28.96	28.81	2.97	2.50
WSR36	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:16	9.12	8.39	28.67	28.73	2.56	2.50
WSR36	20210511	Sunny	Moderate	Mid-Flood	Middle	3.40	17:16	8.97	8.56	29.17	28.79	2.71	2.50
WSR36	20210511	Sunny	Moderate	Mid-Flood	Middle	3.40	17:16	9.48	8.57	29.41	29.03	2.09	2.50
WSR36	20210511	Sunny	Moderate	Mid-Flood	Bottom	5.80	17:15	9.70	8.66	28.63	28.87	2.13	23.00
WSR36	20210511	Sunny	Moderate	Mid-Flood	Bottom	5.80	17:15	9.93	8.37	29.87	28.84	2.14	2.50
WSR36	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:21	9.87	8.68	30.80	29.52	2.72	4.00
WSR36	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:21	9.81	8.64	30.58	29.50	3.09	5.50
WSR36	20210513	Sunny	Moderate	Mid-Flood	Middle	3.75	17:21	9.55	8.71	30.47	29.43	2.46	3.60
WSR36	20210513	Sunny	Moderate	Mid-Flood	Middle	3.75	17:21	8.59	8.52	31.23	29.66	2.28	2.80
WSR36	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.50	17:20	9.80	8.70	30.51	29.60	2.74	3.30
WSR36	20210513	Sunny	Moderate	Mid-Flood	Bottom	6.50	17:20	9.53	8.67	30.46	29.55	2.49	4.50
WSR36	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:37	8.86	8.43	30.17	29.32	2.88	3.70
WSR36	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:37	10.11	8.51	30.54	29.31	2.74	3.00
WSR36	20210515	Sunny	Moderate	Mid-Flood	Middle	3.65	9:37	8.91	8.45	30.64	29.29	2.79	2.60
WSR36	20210515	Sunny	Moderate	Mid-Flood	Middle	3.65	9:37	9.24	8.48	30.15	29.28	2.49	3.80
WSR36	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.30	9:36	9.78	8.45	30.24	29.38	2.75	2.90
WSR36	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.30	9:36	9.38	8.56	30.57	29.44	2.60	3.20
WSR36	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	9.60	8.70	31.20	29.90	3.05	5.10
WSR36	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	8.53	8.61	30.81	29.92	2.85	3.20
WSR36	20210518	Sunny	Moderate	Mid-Flood	Middle	3.85	9:51	9.16	8.56	30.85	29.88	2.22	2.50
WSR36	20210518	Sunny	Moderate	Mid-Flood	Middle	3.85	9:51	8.54	8.55	31.16	29.84	2.09	3.30
WSR36	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.70	9:50	8.49	8.73	30.70	30.00	1.68	2.70
WSR36	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.70	9:50	9.73	8.60	30.87	29.85	1.83	3.00
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:46	9.53	8.47	30.42	29.82	2.82	3.70
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	9:46	8.94	8.38	30.47	29.86	2.59	3.80

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.35	9:46	9.60	8.59	30.47	29.95	2.31	2.60
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Middle	3.35	9:46	9.28	8.40	30.14	29.90	2.11	2.50
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Bottom	5.70	9:45	9.94	8.48	30.03	29.90	2.17	3.10
WSR36	20210520	Cloudy	Moderate	Mid-Flood	Bottom	5.70	9:45	9.98	8.56	30.22	29.95	2.14	3.70
WSR36	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:09	9.19	8.48	30.32	30.04	2.52	3.80
WSR36	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:09	9.11	8.39	30.71	29.87	2.13	3.30
WSR36	20210522	Sunny	Moderate	Mid-Flood	Middle	3.55	15:09	9.84	8.40	30.86	29.98	2.67	5.10
WSR36	20210522	Sunny	Moderate	Mid-Flood	Middle	3.55	15:09	8.51	8.25	30.15	29.89	2.69	4.60
WSR36	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.10	15:08	8.29	8.27	30.68	29.89	1.91	5.40
WSR36	20210522	Sunny	Moderate	Mid-Flood	Bottom	6.10	15:08	8.79	8.47	30.82	30.04	1.64	4.10
WSR36	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:18	9.93	8.50	30.21	28.80	2.37	2.50
WSR36	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:18	8.54	8.30	30.59	28.95	2.48	2.50
WSR36	20210525	Sunny	Moderate	Mid-Flood	Middle	3.40	17:18	9.45	8.27	30.44	28.99	2.35	2.50
WSR36	20210525	Sunny	Moderate	Mid-Flood	Middle	3.40	17:18	8.90	8.30	30.29	28.75	2.04	2.50
WSR36	20210525	Sunny	Moderate	Mid-Flood	Bottom	5.80	17:17	8.64	8.35	30.54	28.81	2.29	2.50
WSR36	20210525	Sunny	Moderate	Mid-Flood	Bottom	5.80	17:17	10.11	8.31	30.62	28.87	2.18	2.50
WSR36	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:19	9.06	8.38	30.25	29.82	2.26	4.20
WSR36	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:19	9.44	8.32	30.19	29.76	2.54	12.00
WSR36	20210527	Sunny	Moderate	Mid-Flood	Middle	3.80	17:19	8.94	8.31	29.94	29.90	2.56	4.30
WSR36	20210527	Sunny	Moderate	Mid-Flood	Middle	3.80	17:19	9.93	8.45	29.87	29.72	2.63	15.10
WSR36	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.60	17:18	10.01	8.54	30.17	29.71	2.09	3.30
WSR36	20210527	Sunny	Moderate	Mid-Flood	Bottom	6.60	17:18	8.95	8.33	30.02	29.90	1.92	11.40
WSR36	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	8.50	8.32	30.10	29.99	3.13	2.80
WSR36	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	9:51	9.62	8.31	30.33	29.87	2.76	3.70
WSR36	20210529	Sunny	Moderate	Mid-Flood	Middle	3.50	9:51	8.71	8.44	30.72	29.84	2.59	2.50
WSR36	20210529	Sunny	Moderate	Mid-Flood	Middle	3.50	9:51	8.55	8.38	30.63	29.88	2.80	2.90
WSR36	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.00	9:50	9.51	8.32	30.30	29.97	1.96	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210529	Sunny	Moderate	Mid-Flood	Bottom	6.00	9:50	9.12	8.53	30.84	29.97	2.12	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:02	10.11	8.48	29.55	26.87	2.53	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:02	9.76	8.36	29.68	26.89	2.71	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.05	10:01	9.60	8.40	29.72	26.97	2.02	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Middle	4.05	10:01	10.38	8.62	29.50	26.96	2.39	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Bottom	7.10	10:00	9.74	8.50	29.69	26.91	2.00	3.10
WSR37	20210501	Cloudy	Moderate	Mid-Flood	Bottom	7.10	10:00	9.77	8.32	29.56	26.88	2.19	2.50
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:02	9.46	8.38	29.67	27.44	2.58 /	
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:02	10.16	8.44	29.58	27.65	2.21	3.10
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.00	10:01	9.81	8.48	29.92	27.49	2.09	4.40
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Middle	4.00	10:01	9.51	8.25	30.04	27.52	1.96	4.20
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Bottom	7.00	10:00	9.53	8.27	29.70	27.58	2.02	2.50
WSR37	20210504	Cloudy	Moderate	Mid-Flood	Bottom	7.00	10:00	9.57	8.20	29.94	27.66	2.35	5.70
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:34	10.13	8.52	30.80	27.31	2.96	4.80
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Surface	1.00	14:34	9.67	8.48	30.56	27.22	2.99	5.20
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.30	14:33	8.74	8.65	31.16	27.13	2.58	4.60
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Middle	4.30	14:33	9.33	8.58	30.97	27.25	2.99	5.10
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Bottom	7.60	14:32	8.93	8.56	30.56	27.23	2.06	4.90
WSR37	20210506	Cloudy	Moderate	Mid-Flood	Bottom	7.60	14:32	9.82	8.49	30.46	27.22	2.29	2.90
WSR37	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:44	9.18	8.42	27.52	27.07	2.35	2.50
WSR37	20210508	Sunny	Moderate	Mid-Flood	Surface	1.00	16:44	9.55	8.46	28.16	27.23	2.39	2.50
WSR37	20210508	Sunny	Moderate	Mid-Flood	Middle	4.45	16:43	9.56	8.53	28.11	27.03	2.35	2.50
WSR37	20210508	Sunny	Moderate	Mid-Flood	Middle	4.45	16:43	10.95	8.65	27.53	27.35	1.99	2.50
WSR37	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.90	16:42	9.36	8.42	28.27	27.02	2.37	2.50
WSR37	20210508	Sunny	Moderate	Mid-Flood	Bottom	7.90	16:42	9.82	8.45	28.02	27.15	1.98	2.50
WSR37	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:34	9.03	8.61	29.41	29.02	2.52	3.40
WSR37	20210511	Sunny	Moderate	Mid-Flood	Surface	1.00	17:34	9.36	8.68	29.28	28.72	2.94	3.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210511	Sunny	Moderate	Mid-Flood	Middle	4.15	17:33	9.57	8.42	29.84	28.80	2.34	3.80
WSR37	20210511	Sunny	Moderate	Mid-Flood	Middle	4.15	17:33	9.27	8.47	29.38	28.78	2.32	2.70
WSR37	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.30	17:32	9.90	8.59	28.87	28.92	1.95	2.50
WSR37	20210511	Sunny	Moderate	Mid-Flood	Bottom	7.30	17:32	8.96	8.46	29.68	28.78	2.14	2.50
WSR37	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:37	9.11	8.63	31.14	29.64	3.21	2.50
WSR37	20210513	Sunny	Moderate	Mid-Flood	Surface	1.00	17:37	8.64	8.70	30.50	29.39	3.11	3.30
WSR37	20210513	Sunny	Moderate	Mid-Flood	Middle	4.15	17:36	8.77	8.73	31.21	29.38	2.51	3.50
WSR37	20210513	Sunny	Moderate	Mid-Flood	Middle	4.15	17:36	9.13	8.68	30.71	29.52	2.61	3.40
WSR37	20210513	Sunny	Moderate	Mid-Flood	Bottom	7.30	17:35	9.13	8.68	31.21	29.51	2.21	3.70
WSR37	20210513	Sunny	Moderate	Mid-Flood	Bottom	7.30	17:35	9.30	8.71	31.17	29.64	2.52	3.10
WSR37	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:20	9.28	8.50	29.99	29.44	3.36	3.10
WSR37	20210515	Sunny	Moderate	Mid-Flood	Surface	1.00	9:20	10.24	8.37	30.11	29.37	3.39	2.50
WSR37	20210515	Sunny	Moderate	Mid-Flood	Middle	3.90	9:19	10.19	8.32	30.61	29.46	2.29	4.50
WSR37	20210515	Sunny	Moderate	Mid-Flood	Middle	3.90	9:19	9.85	8.54	30.59	29.33	2.47	2.50
WSR37	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.80	9:18	8.98	8.48	30.81	29.33	2.05	2.50
WSR37	20210515	Sunny	Moderate	Mid-Flood	Bottom	6.80	9:18	9.57	8.54	30.66	29.42	2.34	2.50
WSR37	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:08	8.70	8.73	31.16	29.95	2.39	2.80
WSR37	20210518	Sunny	Moderate	Mid-Flood	Surface	1.00	10:08	9.49	8.71	30.71	29.90	2.04	3.10
WSR37	20210518	Sunny	Moderate	Mid-Flood	Middle	3.85	10:07	9.26	8.52	30.88	29.97	2.63	2.90
WSR37	20210518	Sunny	Moderate	Mid-Flood	Middle	3.85	10:07	9.86	8.51	30.73	29.92	2.58	3.00
WSR37	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.70	10:06	8.52	8.57	30.80	29.86	1.95	5.40
WSR37	20210518	Sunny	Moderate	Mid-Flood	Bottom	6.70	10:06	9.41	8.60	30.85	29.87	1.76	2.90
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:04	9.85	8.41	30.55	29.88	2.31	2.50
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Surface	1.00	10:04	9.22	8.46	30.03	29.93	2.56	2.70
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.40	10:03	9.11	8.59	29.88	29.85	2.19	3.90
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Middle	4.40	10:03	9.64	8.41	29.87	29.96	2.07	3.10
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.80	10:02	9.43	8.40	30.21	29.99	2.09	3.90

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210520	Cloudy	Moderate	Mid-Flood	Bottom	7.80	10:02	9.05	8.42	30.33	29.86	2.32	4.40
WSR37	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:27	9.52	8.44	30.71	30.14	2.62	5.20
WSR37	20210522	Sunny	Moderate	Mid-Flood	Surface	1.00	15:27	8.86	8.34	30.17	30.17	2.88	5.30
WSR37	20210522	Sunny	Moderate	Mid-Flood	Middle	4.00	15:26	9.08	8.34	30.79	29.85	2.07	4.90
WSR37	20210522	Sunny	Moderate	Mid-Flood	Middle	4.00	15:26	8.03	8.39	30.84	30.05	1.83	2.80
WSR37	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.00	15:25	8.93	8.26	30.29	30.12	2.45	4.00
WSR37	20210522	Sunny	Moderate	Mid-Flood	Bottom	7.00	15:25	9.10	8.41	30.88	30.03	2.47	3.60
WSR37	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:36	9.53	8.45	30.27	28.83	3.06	2.50
WSR37	20210525	Sunny	Moderate	Mid-Flood	Surface	1.00	17:36	8.97	8.29	30.66	28.70	2.77	2.50
WSR37	20210525	Sunny	Moderate	Mid-Flood	Middle	3.90	17:35	8.41	8.37	30.04	28.77	2.59	2.50
WSR37	20210525	Sunny	Moderate	Mid-Flood	Middle	3.90	17:35	9.59	8.41	30.77	28.85	2.82	2.50
WSR37	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.80	17:34	8.68	8.51	30.72	28.83	1.94	2.50
WSR37	20210525	Sunny	Moderate	Mid-Flood	Bottom	6.80	17:34	8.41	8.49	30.21	28.72	2.15	2.50
WSR37	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:34	10.04	8.41	29.84	29.85	2.35	3.00
WSR37	20210527	Sunny	Moderate	Mid-Flood	Surface	1.00	17:34	9.38	8.47	30.31	29.72	2.67	9.90
WSR37	20210527	Sunny	Moderate	Mid-Flood	Middle	4.10	17:33	9.86	8.37	30.26	29.84	2.50	12.70
WSR37	20210527	Sunny	Moderate	Mid-Flood	Middle	4.10	17:33	8.99	8.52	30.45	29.90	2.48	6.50
WSR37	20210527	Sunny	Moderate	Mid-Flood	Bottom	7.20	17:32	9.15	8.52	29.70	29.88	1.98	15.40
WSR37	20210527	Sunny	Moderate	Mid-Flood	Bottom	7.20	17:32	9.57	8.52	30.44	29.79	2.25	14.70
WSR37	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	10:09	9.28	8.43	30.48	30.06	2.07	2.50
WSR37	20210529	Sunny	Moderate	Mid-Flood	Surface	1.00	10:09	8.84	8.32	30.81	29.89	2.14	3.20
WSR37	20210529	Sunny	Moderate	Mid-Flood	Middle	4.10	10:08	9.31	8.32	30.65	30.19	2.36	3.00
WSR37	20210529	Sunny	Moderate	Mid-Flood	Middle	4.10	10:08	8.89	8.43	30.70	30.16	2.26	2.50
WSR37	20210529	Sunny	Moderate	Mid-Flood	Bottom	7.20	10:07	9.12	8.53	30.82	29.98	1.96	2.50
WSR37	20210529	Sunny	Moderate	Mid-Flood	Bottom	7.20	10:07	9.37	8.31	30.55	29.99	2.03	2.50

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
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Note 2: 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

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:47	10.57	8.51	29.47	27.32	3.68	2.50
CE	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	13:47	10.04	8.29	29.59	27.35	3.59	2.50
CE	20210501	Cloudy	Moderate	Mid-Ebb	Middle	10.40	13:46	10.57	8.58	29.44	27.31	3.39	2.50
CE	20210501	Cloudy	Moderate	Mid-Ebb	Middle	10.40	13:46	10.07	8.57	29.54	27.35	3.17	2.50
CE	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	19.80	13:45	10.04	8.48	29.64	27.05	3.57	2.50
CE	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	19.80	13:45	10.15	8.60	29.80	27.36	3.12	2.50
CE	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	9.39	8.43	29.69	28.16	2.90	2.50
CE	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	9.42	8.46	29.97	28.16	3.38	2.50
CE	20210504	Cloudy	Moderate	Mid-Ebb	Middle	11.60	15:31	9.40	8.59	29.85	28.14	3.40	2.70
CE	20210504	Cloudy	Moderate	Mid-Ebb	Middle	11.60	15:31	9.82	8.52	29.84	28.16	3.38	2.50
CE	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	22.20	15:30	9.36	8.41	29.95	28.39	2.74	2.50
CE	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	22.20	15:30	9.78	8.56	29.60	28.39	2.91	4.90
CE	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:02	8.63	8.40	30.41	26.77	3.47	2.50
CE	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:02	9.90	8.60	30.59	26.70	3.93	2.50
CE	20210506	Cloudy	Moderate	Mid-Ebb	Middle	11.75	8:01	8.56	8.69	31.02	26.62	2.87	2.50
CE	20210506	Cloudy	Moderate	Mid-Ebb	Middle	11.75	8:01	8.77	8.50	29.91	26.80	3.32	2.50
CE	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	22.50	8:00	10.27	8.40	30.89	26.69	2.89	2.50
CE	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	22.50	8:00	8.84	8.62	30.07	26.68	3.28	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:59	9.49	8.64	27.62	27.94	2.97	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:59	10.34	8.60	28.14	28.16	3.54	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Middle	11.05	8:58	9.55	8.67	27.51	28.15	3.52	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Middle	11.05	8:58	9.82	8.53	28.31	28.15	3.46	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Bottom	21.10	8:57	9.41	8.58	28.27	27.97	3.05	2.50
CE	20210508	Sunny	Moderate	Mid-Ebb	Bottom	21.10	8:57	10.31	8.62	28.37	28.13	2.64	2.50
CE	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:33	8.80	8.49	30.34	29.30	4.40	3.20
CE	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:33	8.65	8.58	30.33	29.44	4.58	2.50
CE	20210511	Sunny	Moderate	Mid-Ebb	Middle	11.05	10:32	9.08	8.60	30.92	29.42	4.53	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210511	Sunny	Moderate	Mid-Ebb	Middle	11.05	10:32	8.76	8.42	29.85	29.43	4.69	2.50
CE	20210511	Sunny	Moderate	Mid-Ebb	Bottom	21.10	10:31	8.67	8.42	30.10	29.32	4.00	2.50
CE	20210511	Sunny	Moderate	Mid-Ebb	Bottom	21.10	10:31	8.77	8.39	30.81	29.29	3.92	2.50
CE	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:35	10.02	8.74	31.01	29.14	4.76	2.50
CE	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:35	9.71	8.67	30.95	29.36	4.14	3.90
CE	20210513	Sunny	Moderate	Mid-Ebb	Middle	10.25	11:34	9.05	8.75	31.00	29.14	3.88	2.50
CE	20210513	Sunny	Moderate	Mid-Ebb	Middle	10.25	11:34	10.60	8.54	31.51	29.21	4.12	3.20
CE	20210513	Sunny	Moderate	Mid-Ebb	Bottom	19.50	11:33	10.22	8.61	31.34	29.29	4.02	3.80
CE	20210513	Sunny	Moderate	Mid-Ebb	Bottom	19.50	11:33	9.64	8.68	31.10	29.32	3.75	2.50
CE	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:17	9.45	8.49	29.73	29.66	4.17	2.50
CE	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:17	9.89	8.66	29.80	29.57	4.46	2.50
CE	20210515	Sunny	Moderate	Mid-Ebb	Middle	10.00	12:16	10.14	8.60	29.59	29.71	3.90	7.30
CE	20210515	Sunny	Moderate	Mid-Ebb	Middle	10.00	12:16	9.26	8.62	29.36	29.48	4.35	2.50
CE	20210515	Sunny	Moderate	Mid-Ebb	Bottom	19.00	12:15	10.10	8.67	30.35	29.64	3.54	2.60
CE	20210515	Sunny	Moderate	Mid-Ebb	Bottom	19.00	12:15	9.50	8.68	30.38	29.52	3.92	2.50
CE	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:17	9.39	8.75	31.13	29.72	4.15	2.50
CE	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:17	9.49	8.70	30.73	29.87	4.43	3.20
CE	20210518	Sunny	Moderate	Mid-Ebb	Middle	10.45	14:16	9.57	8.51	30.92	29.75	4.56	4.70
CE	20210518	Sunny	Moderate	Mid-Ebb	Middle	10.45	14:16	8.51	8.75	30.88	29.83	4.60	4.20
CE	20210518	Sunny	Moderate	Mid-Ebb	Bottom	19.90	14:15	9.13	8.65	31.12	29.82	4.34	3.40
CE	20210518	Sunny	Moderate	Mid-Ebb	Bottom	19.90	14:15	8.89	8.55	30.83	29.71	4.03	3.30
CE	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	9.60	8.45	30.36	30.13	4.83	3.10
CE	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:32	9.13	8.40	29.79	30.19	5.03	4.80
CE	20210520	Cloudy	Moderate	Mid-Ebb	Middle	10.65	15:31	9.54	8.36	30.32	30.27	4.39	4.60
CE	20210520	Cloudy	Moderate	Mid-Ebb	Middle	10.65	15:31	9.53	8.40	29.93	30.18	4.27	3.10
CE	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	20.30	15:30	9.53	8.42	29.89	30.14	3.83	4.40
CE	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	20.30	15:30	9.26	8.38	30.45	30.18	3.87	2.70

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CE	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:02	8.71	8.85	29.81	29.35	4.09	10.30
CE	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:02	8.67	8.75	30.64	29.24	4.02	5.60
CE	20210522	Sunny	Moderate	Mid-Ebb	Middle	11.60	8:01	8.05	8.84	29.68	29.24	3.25	5.40
CE	20210522	Sunny	Moderate	Mid-Ebb	Middle	11.60	8:01	8.81	8.62	29.71	29.39	3.45	4.20
CE	20210522	Sunny	Moderate	Mid-Ebb	Bottom	22.20	8:00	8.97	8.60	30.73	29.34	3.37	6.30
CE	20210522	Sunny	Moderate	Mid-Ebb	Bottom	22.20	8:00	8.60	8.74	30.10	29.28	3.70	4.30
CE	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:33	10.38	8.37	30.37	28.62	4.60	2.50
CE	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:33	10.01	8.60	30.27	28.74	4.65	99.60
CE	20210525	Sunny	Moderate	Mid-Ebb	Middle	10.30	9:32	9.58	8.64	30.44	28.53	4.19	2.60
CE	20210525	Sunny	Moderate	Mid-Ebb	Middle	10.30	9:32	8.67	8.51	30.27	28.66	4.31	3.90
CE	20210525	Sunny	Moderate	Mid-Ebb	Bottom	19.60	9:31	8.58	8.37	29.84	28.73	3.61	3.20
CE	20210525	Sunny	Moderate	Mid-Ebb	Bottom	19.60	9:31	10.47	8.63	30.67	28.53	3.63	2.50
CE	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:03	8.96	8.35	30.05	29.90	3.63	4.40
CE	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:03	8.90	8.56	30.76	30.03	3.48	3.10
CE	20210527	Sunny	Moderate	Mid-Ebb	Middle	11.85	11:02	9.36	8.50	29.70	30.02	3.34	2.50
CE	20210527	Sunny	Moderate	Mid-Ebb	Middle	11.85	11:02	9.85	8.46	30.37	29.89	3.61	14.20
CE	20210527	Sunny	Moderate	Mid-Ebb	Bottom	22.70	11:01	9.08	8.43	29.56	29.90	3.26	3.80
CE	20210527	Sunny	Moderate	Mid-Ebb	Bottom	22.70	11:01	9.44	8.30	30.62	29.98	3.51	4.20
CE	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:48	9.21	8.63	31.09	30.16	3.96	2.50
CE	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:48	8.83	8.45	29.88	30.29	3.56	3.70
CE	20210529	Sunny	Moderate	Mid-Ebb	Middle	11.45	12:47	8.49	8.57	30.51	30.30	4.05	5.30
CE	20210529	Sunny	Moderate	Mid-Ebb	Middle	11.45	12:47	8.43	8.47	30.81	30.29	3.48	4.80
CE	20210529	Sunny	Moderate	Mid-Ebb	Bottom	21.90	12:46	8.91	8.48	30.15	30.23	3.14	5.70
CE	20210529	Sunny	Moderate	Mid-Ebb	Bottom	21.90	12:46	8.96	8.63	30.02	30.14	3.47	5.70
CF	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:35	10.65	8.59	29.64	27.22	3.24	3.00
CF	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:35	10.67	8.39	29.57	27.04	3.06	3.20
CF	20210501	Cloudy	Moderate	Mid-Ebb	Middle	10.00	16:34	10.62	8.51	29.49	26.98	3.60	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210501	Cloudy	Moderate	Mid-Ebb	Middle	10.00	16:34	10.51	8.35	29.46	26.99	3.48	2.50
CF	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	19.00	16:33	10.34	8.51	29.71	27.19	3.48	2.80
CF	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	19.00	16:33	10.45	8.62	29.51	26.95	3.52	2.50
CF	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:08	10.04	8.48	29.72	28.03	3.77	2.50
CF	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:08	10.31	8.43	29.86	27.94	3.31	2.50
CF	20210504	Cloudy	Moderate	Mid-Ebb	Middle	10.55	18:07	9.58	8.53	29.77	28.06	3.83	2.50
CF	20210504	Cloudy	Moderate	Mid-Ebb	Middle	10.55	18:07	9.96	8.50	29.41	28.05	3.24	2.50
CF	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	20.10	18:06	10.10	8.56	29.58	27.94	3.67	2.70
CF	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	20.10	18:06	10.41	8.45	29.59	28.01	3.15	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:51	9.92	8.56	30.22	27.21	3.50	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:51	8.99	8.62	29.91	27.21	3.16	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Middle	10.40	10:50	9.66	8.63	30.22	27.11	2.92	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Middle	10.40	10:50	10.37	8.58	30.92	27.18	3.15	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	19.80	10:49	9.34	8.40	29.84	27.22	2.91	2.50
CF	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	19.80	10:49	9.98	8.40	30.81	27.10	3.46	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:50	10.17	8.47	27.82	28.10	2.98	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:50	10.38	8.48	28.30	28.12	3.40	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Middle	10.70	11:49	9.57	8.54	27.29	28.16	3.20	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Middle	10.70	11:49	9.79	8.48	27.28	28.17	3.05	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Bottom	20.40	11:48	9.81	8.69	27.15	28.04	2.75	2.50
CF	20210508	Sunny	Moderate	Mid-Ebb	Bottom	20.40	11:48	10.21	8.50	27.48	28.09	2.99	2.50
CF	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:24	9.38	8.62	29.80	29.63	4.45	2.50
CF	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:24	9.12	8.61	30.75	29.73	4.65	2.50
CF	20210511	Sunny	Moderate	Mid-Ebb	Middle	9.65	13:23	9.14	8.62	31.10	29.75	4.69	2.50
CF	20210511	Sunny	Moderate	Mid-Ebb	Middle	9.65	13:23	8.62	8.45	30.08	29.69	4.30	2.60
CF	20210511	Sunny	Moderate	Mid-Ebb	Bottom	18.30	13:22	9.01	8.41	30.68	29.76	3.83	2.50
CF	20210511	Sunny	Moderate	Mid-Ebb	Bottom	18.30	13:22	9.24	8.56	30.86	29.59	4.57	6.60

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:23	9.46	8.65	30.99	29.40	4.44	2.50
CF	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:23	10.27	8.56	31.16	29.37	4.39	2.50
CF	20210513	Sunny	Moderate	Mid-Ebb	Middle	10.35	14:22	10.63	8.74	30.97	29.47	4.35	2.70
CF	20210513	Sunny	Moderate	Mid-Ebb	Middle	10.35	14:22	9.16	8.60	31.33	29.37	4.65	2.50
CF	20210513	Sunny	Moderate	Mid-Ebb	Bottom	19.70	14:21	9.24	8.56	31.46	29.56	3.87	3.00
CF	20210513	Sunny	Moderate	Mid-Ebb	Bottom	19.70	14:21	9.12	8.76	31.25	29.40	4.15	4.40
CF	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:02	9.82	8.41	29.64	29.84	4.03	3.60
CF	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:02	9.73	8.61	30.37	29.83	4.15	2.50
CF	20210515	Sunny	Moderate	Mid-Ebb	Middle	10.00	15:01	9.56	8.42	30.01	29.83	3.87	2.50
CF	20210515	Sunny	Moderate	Mid-Ebb	Middle	10.00	15:01	10.02	8.61	30.04	29.65	4.19	3.40
CF	20210515	Sunny	Moderate	Mid-Ebb	Bottom	19.00	15:00	9.85	8.40	30.31	29.63	3.49	2.50
CF	20210515	Sunny	Moderate	Mid-Ebb	Bottom	19.00	15:00	9.48	8.40	29.63	29.83	3.40	2.50
CF	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:05	9.85	8.65	30.93	29.60	4.13	2.60
CF	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	17:05	9.30	8.65	30.82	29.80	4.38	3.20
CF	20210518	Sunny	Moderate	Mid-Ebb	Middle	10.35	17:04	8.74	8.64	31.04	29.75	3.59	2.90
CF	20210518	Sunny	Moderate	Mid-Ebb	Middle	10.35	17:04	9.26	8.60	30.80	29.79	4.15	3.20
CF	20210518	Sunny	Moderate	Mid-Ebb	Bottom	19.70	17:03	8.60	8.60	30.74	29.66	3.55	3.60
CF	20210518	Sunny	Moderate	Mid-Ebb	Bottom	19.70	17:03	9.51	8.54	31.00	29.81	3.38	3.20
CF	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:20	9.46	8.46	30.61	30.25	5.10	4.40
CF	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	18:20	8.99	8.41	30.75	30.11	4.79	4.20
CF	20210520	Cloudy	Moderate	Mid-Ebb	Middle	10.10	18:19	8.91	8.48	29.81	30.20	4.62	4.70
CF	20210520	Cloudy	Moderate	Mid-Ebb	Middle	10.10	18:19	9.48	8.44	30.10	30.16	4.72	5.00
CF	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	19.20	18:18	9.60	8.44	30.33	30.11	4.12	3.40
CF	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	19.20	18:18	9.64	8.44	30.68	30.23	3.93	4.40
CF	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:01	8.33	8.63	30.70	29.80	4.18	5.10
CF	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:01	9.16	8.79	29.63	29.88	3.75	5.20
CF	20210522	Sunny	Moderate	Mid-Ebb	Middle	9.95	11:00	9.91	8.64	30.01	29.77	3.91	5.60

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
CF	20210522	Sunny	Moderate	Mid-Ebb	Middle	9.95	11:00	9.22	8.66	30.57	29.81	3.30	7.00
CF	20210522	Sunny	Moderate	Mid-Ebb	Bottom	18.90	10:59	9.39	8.87	30.24	29.85	3.26	5.10
CF	20210522	Sunny	Moderate	Mid-Ebb	Bottom	18.90	10:59	8.60	8.58	30.61	30.02	3.71	7.40
CF	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:22	10.00	8.42	30.96	28.99	4.68	7.80
CF	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:22	9.03	8.40	29.86	28.86	4.37	2.50
CF	20210525	Sunny	Moderate	Mid-Ebb	Middle	10.00	12:21	8.92	8.62	30.55	28.99	4.54	13.30
CF	20210525	Sunny	Moderate	Mid-Ebb	Middle	10.00	12:21	9.69	8.50	30.32	29.00	3.81	3.00
CF	20210525	Sunny	Moderate	Mid-Ebb	Bottom	19.00	12:20	10.06	8.58	31.02	28.85	4.24	2.50
CF	20210525	Sunny	Moderate	Mid-Ebb	Bottom	19.00	12:20	9.93	8.47	30.72	28.93	3.84	3.90
CF	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:52	9.68	8.37	29.70	30.19	3.61	14.30
CF	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:52	9.15	8.34	30.23	30.25	3.49	4.60
CF	20210527	Sunny	Moderate	Mid-Ebb	Middle	10.05	13:51	9.30	8.36	29.62	30.10	3.51	17.30
CF	20210527	Sunny	Moderate	Mid-Ebb	Middle	10.05	13:51	9.02	8.28	30.67	30.08	3.49	7.20
CF	20210527	Sunny	Moderate	Mid-Ebb	Bottom	19.10	13:50	9.54	8.49	29.90	30.25	3.13	13.60
CF	20210527	Sunny	Moderate	Mid-Ebb	Bottom	19.10	13:50	9.31	8.51	30.22	30.19	3.16	4.50
CF	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:32	8.60	8.50	30.74	30.20	3.90	3.30
CF	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:32	8.44	8.51	31.02	30.09	3.80	3.50
CF	20210529	Sunny	Moderate	Mid-Ebb	Middle	9.70	15:31	8.71	8.51	30.63	30.24	3.65	5.30
CF	20210529	Sunny	Moderate	Mid-Ebb	Middle	9.70	15:31	8.97	8.39	30.22	30.20	3.45	3.70
CF	20210529	Sunny	Moderate	Mid-Ebb	Bottom	18.40	15:30	8.54	8.52	30.55	30.14	3.84	3.70
CF	20210529	Sunny	Moderate	Mid-Ebb	Bottom	18.40	15:30	8.81	8.62	30.43	30.25	3.54	4.50
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:11	10.08	8.34	29.78	27.09	2.81	3.40
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:11	10.12	8.54	29.55	27.24	2.38	3.30
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.75	16:10	10.57	8.53	29.36	27.26	2.02	4.10
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.75	16:10	10.14	8.43	29.87	27.26	2.15	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	8.50	16:09	10.48	8.36	29.78	27.28	2.53	2.50
WSR01	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	8.50	16:09	10.15	8.28	29.50	27.14	2.13	3.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:45	9.62	8.49	29.98	28.07	2.64	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:45	9.97	8.40	29.90	28.05	2.80	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.55	17:44	9.71	8.46	29.50	27.84	2.64	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.55	17:44	9.82	8.48	29.48	28.11	2.27	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	8.10	17:43	10.24	8.35	29.60	28.08	1.64	2.50
WSR01	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	8.10	17:43	9.63	8.36	29.67	27.94	1.92	2.70
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.18	8.53	30.75	27.06	2.51	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:27	9.62	8.46	30.95	27.03	2.36	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.15	10:26	8.46	8.57	30.79	27.03	2.00	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.15	10:26	8.88	8.50	31.05	27.14	1.92	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	10:25	9.96	8.55	30.59	26.95	2.35	2.50
WSR01	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	10:25	9.37	8.64	30.90	26.89	1.96	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:26	9.32	8.41	27.49	28.08	2.62	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:26	10.29	8.56	27.13	28.16	2.58	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.35	11:25	9.46	8.42	27.83	28.07	1.86	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.35	11:25	9.94	8.52	27.33	27.94	2.02	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Bottom	7.70	11:24	9.58	8.57	27.34	28.17	2.03	2.50
WSR01	20210508	Sunny	Moderate	Mid-Ebb	Bottom	7.70	11:24	10.23	8.41	27.33	27.95	1.86	2.50
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:58	9.16	8.43	31.04	29.60	2.13	2.50
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:58	9.29	8.37	30.58	29.48	2.65	2.50
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.40	12:57	9.08	8.35	29.85	29.50	2.13	2.50
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.40	12:57	9.37	8.45	30.43	29.47	2.05	2.50
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Bottom	7.80	12:56	8.74	8.42	31.04	29.48	1.85	3.30
WSR01	20210511	Sunny	Moderate	Mid-Ebb	Bottom	7.80	12:56	8.72	8.34	29.81	29.50	1.93	2.50
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:59	9.37	8.58	30.92	29.58	2.63	3.10
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:59	9.48	8.76	30.96	29.48	3.04	2.50
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Middle	4.60	13:58	9.93	8.68	31.13	29.38	2.48	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Middle	4.60	13:58	10.59	8.56	31.09	29.41	2.68	4.50
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Bottom	8.20	13:57	10.38	8.69	31.04	29.44	2.31	3.10
WSR01	20210513	Sunny	Moderate	Mid-Ebb	Bottom	8.20	13:57	10.50	8.60	31.23	29.38	2.07	3.10
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:38	9.81	8.61	29.77	29.89	2.93	3.80
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:38	9.28	8.48	30.50	29.70	2.95	2.50
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Middle	4.35	14:37	9.87	8.60	29.62	29.64	2.86	2.50
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Middle	4.35	14:37	9.97	8.40	30.06	29.78	2.40	2.60
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Bottom	7.70	14:36	9.79	8.40	29.77	29.81	2.14	2.70
WSR01	20210515	Sunny	Moderate	Mid-Ebb	Bottom	7.70	14:36	9.74	8.63	29.97	29.67	2.42	2.90
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:42	9.35	8.57	30.76	29.80	2.11	4.10
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:42	9.94	8.53	31.06	29.63	2.38	3.90
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.15	16:41	9.00	8.51	31.03	29.80	2.48	2.90
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.15	16:41	9.57	8.51	30.85	29.81	2.18	3.50
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.30	16:40	9.21	8.56	30.95	29.76	2.63	3.30
WSR01	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.30	16:40	9.96	8.52	31.16	29.61	2.28	3.50
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:56	9.10	8.36	30.25	30.12	2.48	3.90
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:56	9.55	8.36	30.85	30.22	2.17	3.60
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.50	17:55	9.32	8.39	30.38	30.29	2.25	4.80
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.50	17:55	9.59	8.36	30.53	30.11	2.52	5.00
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	17:54	9.29	8.48	30.23	30.26	2.11	3.80
WSR01	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	8.00	17:54	9.10	8.39	29.87	30.19	2.12	5.20
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:35	8.85	8.88	30.07	29.82	2.73	6.10
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:35	9.24	8.80	30.58	29.93	2.48	6.60
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.50	10:34	9.33	8.80	30.13	29.86	2.72	5.20
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.50	10:34	8.21	8.60	29.86	29.75	2.94	5.10
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Bottom	8.00	10:33	9.00	8.66	29.70	29.76	2.32	5.40
WSR01	20210522	Sunny	Moderate	Mid-Ebb	Bottom	8.00	10:33	8.05	8.66	30.73	29.98	2.60	5.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:58	10.26	8.46	30.47	28.87	2.81	4.10
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:58	9.05	8.50	30.47	28.91	3.13	4.70
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.30	11:57	10.14	8.62	30.74	28.89	2.75	4.00
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.30	11:57	8.60	8.52	30.44	28.96	3.06	2.50
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.60	11:56	10.10	8.54	30.44	28.85	2.67	3.30
WSR01	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.60	11:56	9.50	8.53	29.90	28.83	2.46	3.10
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:29	9.12	8.41	30.51	30.09	2.86	6.90
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:29	9.94	8.38	30.18	30.12	2.48	16.90
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.55	13:28	9.41	8.36	30.07	30.27	2.59	5.40
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.55	13:28	9.87	8.30	30.30	30.26	2.60	6.20
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Bottom	8.10	13:27	9.35	8.41	30.55	30.15	2.28	5.80
WSR01	20210527	Sunny	Moderate	Mid-Ebb	Bottom	8.10	13:27	9.83	8.45	30.62	30.21	2.48	7.10
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:07	8.42	8.50	30.00	30.23	2.45	3.50
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:07	8.85	8.38	30.78	30.34	2.90	4.20
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.35	15:06	9.09	8.43	29.94	30.34	3.06	5.10
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.35	15:06	8.46	8.65	30.55	30.34	2.69	3.20
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.70	15:05	8.70	8.37	30.50	30.32	2.43	5.50
WSR01	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.70	15:05	8.57	8.43	31.11	30.19	2.71	4.70
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:53	10.47	8.43	29.61	27.09	2.62	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:53	10.04	8.40	29.61	27.26	2.94	3.10
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.85	15:52	10.41	8.51	29.29	27.28	2.40	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.85	15:52	10.03	8.35	29.36	27.36	2.60	2.90
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	8.70	15:51	10.46	8.32	29.76	27.11	1.78	2.50
WSR02	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	8.70	15:51	9.99	8.51	29.80	27.27	2.12	2.50
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:26	9.79	8.28	29.60	27.90	2.48	2.50
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:26	10.22	8.31	29.62	27.90	2.89	9.50
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.90	17:25	10.16	8.43	29.50	28.20	2.58	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.90	17:25	9.76	8.29	29.83	28.12	2.48	3.20
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	17:24	9.93	8.40	29.75	28.13	2.42	2.50
WSR02	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	17:24	9.83	8.46	29.99	28.24	2.19	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:06	9.05	8.46	30.43	27.09	2.72	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	10:06	9.94	8.65	30.15	26.94	2.84	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.90	10:05	9.31	8.52	30.35	27.00	2.52	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.90	10:05	9.29	8.47	30.10	26.94	2.70	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	10:04	9.51	8.45	30.13	26.82	2.06	2.50
WSR02	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	8.80	10:04	9.37	8.68	30.15	27.03	1.85	2.90
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:05	10.02	8.46	27.86	28.01	2.34	2.50
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:05	10.39	8.64	27.95	27.99	2.41	2.50
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.50	11:04	9.74	8.64	27.38	28.02	1.95	2.90
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.50	11:04	10.20	8.45	27.49	28.05	1.86	2.50
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Bottom	8.00	11:03	9.26	8.43	27.46	28.11	2.29	2.50
WSR02	20210508	Sunny	Moderate	Mid-Ebb	Bottom	8.00	11:03	10.24	8.42	27.38	27.96	2.38	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:39	9.13	8.51	30.47	29.49	2.77	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:39	9.39	8.48	31.06	29.49	2.91	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.85	12:38	9.01	8.57	30.79	29.60	2.58	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.85	12:38	9.14	8.33	30.78	29.61	1.89	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Bottom	8.70	12:37	9.38	8.33	30.82	29.62	2.16	2.50
WSR02	20210511	Sunny	Moderate	Mid-Ebb	Bottom	8.70	12:37	8.69	8.33	30.99	29.53	2.41	2.50
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:40	10.03	8.63	30.91	29.36	2.42	5.90
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:40	9.05	8.78	31.26	29.38	2.14	3.80
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Middle	4.90	13:39	9.39	8.60	31.53	29.35	2.73	2.90
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Middle	4.90	13:39	10.47	8.77	31.43	29.48	2.90	3.10
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Bottom	8.80	13:38	10.28	8.52	30.94	29.35	2.33	2.50
WSR02	20210513	Sunny	Moderate	Mid-Ebb	Bottom	8.80	13:38	9.28	8.65	30.89	29.33	1.99	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:19	9.77	8.48	30.33	29.80	2.52	2.50
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:19	9.81	8.43	29.38	29.66	2.95	2.50
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Middle	4.95	14:18	9.23	8.47	30.54	29.76	2.39	2.70
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Middle	4.95	14:18	9.60	8.70	29.52	29.68	2.83	2.50
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Bottom	8.90	14:17	9.56	8.63	30.31	29.83	2.51	2.50
WSR02	20210515	Sunny	Moderate	Mid-Ebb	Bottom	8.90	14:17	9.92	8.53	29.63	29.59	2.40	2.60
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:21	8.45	8.51	30.73	29.62	3.08	3.30
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:21	8.51	8.66	31.23	29.61	2.99	4.50
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.95	16:20	9.61	8.52	31.15	29.70	2.44	6.70
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.95	16:20	9.36	8.64	30.77	29.71	2.85	6.40
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Bottom	8.90	16:19	9.02	8.59	30.97	29.70	2.04	3.80
WSR02	20210518	Sunny	Moderate	Mid-Ebb	Bottom	8.90	16:19	9.13	8.66	30.81	29.68	2.36	3.70
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:37	9.07	8.40	30.16	30.14	2.81	4.50
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:37	9.75	8.39	30.52	30.24	2.90	2.60
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.80	17:36	9.65	8.41	30.00	30.27	2.56	4.70
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.80	17:36	9.47	8.40	30.85	30.31	2.24	4.10
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	8.60	17:35	9.01	8.39	30.43	30.13	2.34	4.40
WSR02	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	8.60	17:35	9.71	8.40	30.51	30.13	2.34	4.60
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:14	9.84	8.70	29.91	29.86	3.16	6.50
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:14	8.58	8.82	29.95	29.87	3.28	6.40
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.85	10:13	9.90	8.86	29.85	29.69	2.85	4.60
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.85	10:13	9.41	8.72	30.64	29.82	2.48	3.80
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Bottom	8.70	10:12	8.24	8.71	30.28	29.72	2.05	5.40
WSR02	20210522	Sunny	Moderate	Mid-Ebb	Bottom	8.70	10:12	8.90	8.60	29.95	29.76	2.36	4.30
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:37	9.15	8.34	30.79	28.82	2.87	3.30
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:37	8.70	8.51	30.60	28.82	2.74	2.50
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.65	11:36	10.37	8.62	29.99	28.70	2.43	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.65	11:36	10.08	8.45	30.99	28.83	2.83	13.30
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Bottom	8.30	11:35	9.50	8.43	30.06	28.80	2.37	2.60
WSR02	20210525	Sunny	Moderate	Mid-Ebb	Bottom	8.30	11:35	10.19	8.37	30.15	28.85	2.28	3.50
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:08	9.53	8.34	30.08	30.16	2.44	4.40
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:08	9.74	8.52	29.69	30.20	2.39	4.80
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.60	13:07	9.01	8.42	29.67	30.32	2.55	10.30
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.60	13:07	8.98	8.46	29.52	30.38	2.37	8.40
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Bottom	8.20	13:06	9.11	8.37	30.75	30.17	1.92	7.80
WSR02	20210527	Sunny	Moderate	Mid-Ebb	Bottom	8.20	13:06	9.40	8.37	30.56	30.17	1.93	3.50
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:49	8.65	8.64	30.99	30.42	2.48	4.70
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:49	8.66	8.50	30.70	30.33	2.63	5.70
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.60	14:48	8.64	8.56	30.30	30.31	3.02	6.00
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.60	14:48	8.42	8.43	31.01	30.35	2.65	4.20
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Bottom	8.20	14:47	8.42	8.53	30.30	30.30	2.75	3.80
WSR02	20210529	Sunny	Moderate	Mid-Ebb	Bottom	8.20	14:47	8.63	8.50	30.13	30.30	2.57	4.50
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:35	9.97	8.42	29.84	27.39	2.28	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:35	10.25	8.43	29.63	27.31	2.41	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.15	15:34	10.48	8.37	29.58	27.27	2.61	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.15	15:34	10.06	8.50	29.43	27.21	2.71	3.00
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	15:33	10.26	8.34	29.44	27.27	2.14	2.50
WSR03	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	7.30	15:33	10.64	8.61	29.53	27.18	2.07	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:10	9.71	8.47	29.74	28.06	2.70	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:10	9.33	8.59	29.61	28.08	2.39	3.20
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.25	17:09	10.20	8.48	29.69	28.07	2.53	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.25	17:09	10.22	8.29	29.85	28.28	2.59	2.50
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	17:08	9.88	8.60	29.73	28.31	2.38	3.50
WSR03	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	17:08	9.41	8.36	29.95	27.92	2.35	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:50	9.86	8.41	30.80	27.02	2.37	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:50	8.64	8.49	30.43	26.99	2.21	2.80
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.25	9:49	9.34	8.40	30.90	26.84	2.18	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.25	9:49	10.10	8.55	30.34	26.94	2.55	2.50
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	9:48	9.35	8.55	30.93	26.94	2.33	2.80
WSR03	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	9:48	9.83	8.59	31.09	26.93	2.17	2.50
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:49	9.53	8.64	27.82	28.00	2.46	2.50
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:49	10.76	8.41	27.72	28.11	2.90	2.50
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.95	10:48	9.41	8.63	27.96	28.00	2.05	2.50
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.95	10:48	10.55	8.46	28.31	28.07	1.90	2.80
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.90	10:47	9.48	8.71	28.14	28.06	2.42	2.50
WSR03	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.90	10:47	9.41	8.69	27.20	28.00	2.28	2.50
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:21	9.39	8.60	30.65	29.50	2.87	2.5
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:21	8.81	8.40	30.49	29.52	2.53	2.5
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.95	12:20	8.58	8.58	30.28	29.51	2.31	2.5
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.95	12:20	9.25	8.44	30.76	29.55	1.98	2.5
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.90	12:19	9.15	8.44	30.70	29.59	2.43	2.5
WSR03	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.90	12:19	8.91	8.44	30.84	29.56	2.36	2.6
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:22	9.41	8.66	31.53	29.42	2.89	2.60
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:22	9.34	8.77	31.04	29.55	2.98	3.10
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:21	10.27	8.66	31.34	29.56	2.47	2.50
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:21	9.78	8.69	31.20	29.38	2.80	2.50
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:20	9.09	8.68	31.50	29.36	2.16	2.50
WSR03	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:20	9.48	8.74	31.34	29.25	2.51	2.70
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:02	9.35	8.67	29.33	29.67	2.54	2.50
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:02	10.03	8.48	29.98	29.80	2.85	3.60
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.80	14:01	9.75	8.62	30.33	29.75	2.41	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.80	14:01	9.95	8.61	30.39	29.62	2.16	2.90
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.60	14:00	9.90	8.48	29.58	29.61	2.30	2.50
WSR03	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.60	14:00	10.16	8.49	29.89	29.68	2.27	2.50
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:05	9.26	8.52	30.79	29.67	3.13	4.10
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	16:05	9.29	8.52	31.20	29.73	2.91	4.10
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.15	16:04	9.05	8.60	31.26	29.76	2.78	3.80
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.15	16:04	9.85	8.75	31.08	29.79	2.80	4.60
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.30	16:03	8.93	8.69	31.05	29.63	1.84	4.10
WSR03	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.30	16:03	8.38	8.53	31.11	29.66	2.16	2.60
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:21	9.14	8.46	30.76	30.25	2.37	3.50
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:21	9.59	8.34	30.07	30.28	2.43	4.40
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.20	17:20	9.32	8.34	29.88	30.28	2.34	5.20
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Middle	4.20	17:20	9.16	8.42	30.01	30.25	2.50	4.80
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	7.40	17:19	8.97	8.38	30.09	30.25	2.31	5.20
WSR03	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	7.40	17:19	9.72	8.48	30.45	30.30	2.64	4.70
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:56	9.16	8.62	29.98	29.75	2.82	4.50
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:56	8.58	8.75	30.34	29.76	3.33	7.60
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.10	9:55	9.27	8.59	29.69	29.65	2.70	4.50
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Middle	4.10	9:55	8.20	8.79	30.42	29.79	2.80	5.20
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Bottom	7.20	9:54	9.72	8.60	30.05	29.77	2.58	5.80
WSR03	20210522	Sunny	Moderate	Mid-Ebb	Bottom	7.20	9:54	8.60	8.68	29.98	29.69	2.79	5.50
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:21	9.84	8.41	29.94	28.83	2.97	3.40
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:21	10.48	8.57	30.55	28.82	3.13	2.90
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.20	11:20	10.32	8.45	30.93	28.83	2.69	3.00
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.20	11:20	10.00	8.60	30.64	28.81	2.42	2.90
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.40	11:19	8.75	8.59	30.49	28.70	2.22	4.60
WSR03	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.40	11:19	9.57	8.43	30.12	28.74	2.34	2.80

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:52	8.93	8.51	29.53	30.37	2.35	5.70
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:52	9.68	8.38	29.82	30.22	2.17	5.60
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:51	9.10	8.46	29.87	30.25	2.00	6.70
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:51	9.13	8.46	29.55	30.35	2.30	6.50
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:50	9.23	8.46	30.76	30.12	1.77	4.90
WSR03	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:50	9.51	8.44	30.26	30.25	1.99	15.40
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:31	9.27	8.39	29.89	30.40	2.45	5.20
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:31	8.98	8.66	30.81	30.34	2.57	5.50
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.25	14:30	8.68	8.63	30.38	30.44	2.48	3.10
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.25	14:30	9.25	8.39	30.00	30.38	2.52	3.00
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.50	14:29	9.13	8.63	30.81	30.45	2.33	3.20
WSR03	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.50	14:29	9.27	8.64	30.21	30.34	2.45	4.30
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:20	10.49	8.32	29.35	27.32	3.04	5.80
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:20	9.93	8.57	29.53	27.27	3.02	7.10
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.50	15:19	10.25	8.37	29.55	27.44	2.28	4.70
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.50	15:19	10.29	8.40	29.67	27.30	2.26	2.50
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	15:18	10.44	8.46	29.46	27.43	2.26	3.60
WSR04	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	6.00	15:18	10.54	8.51	29.37	27.39	2.06	3.40
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:57	10.06	8.30	29.42	27.97	2.36	3.90
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:57	10.16	8.34	29.84	27.95	2.60	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.80	16:56	10.23	8.36	29.28	28.15	2.66	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.80	16:56	10.20	8.37	29.53	28.05	2.24	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	16:55	9.79	8.49	30.05	28.10	2.72	2.50
WSR04	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.60	16:55	10.26	8.42	29.69	28.00	2.50	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:35	9.52	8.45	30.89	26.77	2.44	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:35	9.43	8.66	30.89	26.75	2.68	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:34	10.33	8.44	30.67	26.98	2.43	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.85	9:34	8.69	8.69	30.51	26.73	2.76	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	9:33	8.63	8.41	30.42	26.89	2.09	2.50
WSR04	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	9:33	8.75	8.45	30.92	26.75	2.43	2.50
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:34	9.41	8.64	27.22	28.01	2.30	2.60
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:34	10.39	8.51	28.31	28.19	1.99	2.60
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.50	10:33	9.57	8.69	27.21	28.11	1.84	2.70
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.50	10:33	10.61	8.57	27.38	27.99	2.17	3.70
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.00	10:32	9.39	8.55	28.33	27.95	1.90	2.50
WSR04	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.00	10:32	9.79	8.54	28.10	28.14	2.16	2.50
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:08	9.27	8.33	30.33	29.55	2.35	2.50
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:08	9.30	8.43	30.74	29.52	2.52	2.50
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.45	12:07	9.08	8.41	30.34	29.51	2.48	2.50
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.45	12:07	8.92	8.39	29.75	29.45	2.47	2.50
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Bottom	5.90	12:06	9.17	8.47	31.10	29.47	1.89	4.90
WSR04	20210511	Sunny	Moderate	Mid-Ebb	Bottom	5.90	12:06	8.78	8.50	30.82	29.60	1.72	2.50
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:09	10.81	8.54	31.50	29.37	3.22	4.30
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:09	10.26	8.76	30.95	29.44	2.74	4.00
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:08	10.56	8.52	31.41	29.45	2.76	4.30
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:08	9.19	8.62	30.92	29.23	2.71	2.50
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:07	9.59	8.61	31.35	29.44	2.19	2.80
WSR04	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:07	10.46	8.51	30.91	29.47	2.62	3.20
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:47	9.91	8.56	29.63	29.76	2.74	2.80
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:47	9.58	8.56	29.77	29.60	2.45	3.10
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.60	13:46	9.71	8.58	29.53	29.79	2.42	3.40
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.60	13:46	9.33	8.56	29.36	29.59	2.74	2.50
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.20	13:45	9.49	8.58	30.04	29.66	2.63	2.50
WSR04	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.20	13:45	9.41	8.54	29.62	29.74	2.36	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:50	9.34	8.64	30.89	29.66	2.93	4.10
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:50	9.39	8.72	30.88	29.77	2.97	3.70
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.45	15:49	8.48	8.69	30.97	29.67	2.35	15.30
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.45	15:49	9.55	8.57	30.84	29.79	2.54	4.60
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Bottom	5.90	15:48	9.34	8.54	30.83	29.81	2.30	3.80
WSR04	20210518	Sunny	Moderate	Mid-Ebb	Bottom	5.90	15:48	9.39	8.52	31.00	29.73	2.71	3.90
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:06	9.26	8.41	29.71	30.25	2.54	4.30
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	17:06	9.70	8.47	30.67	30.26	2.31	4.00
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.85	17:05	9.54	8.38	29.80	30.26	2.67	4.20
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.85	17:05	9.37	8.48	29.86	30.28	2.41	4.30
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	17:04	9.21	8.41	29.93	30.25	2.44	4.10
WSR04	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	17:04	8.85	8.49	29.88	30.32	2.34	4.60
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:41	8.07	8.64	30.36	29.54	2.84	3.80
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:41	9.39	8.68	30.67	29.53	2.47	4.60
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.75	9:40	8.96	8.68	30.66	29.54	2.47	3.10
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.75	9:40	9.34	8.58	29.54	29.52	2.37	3.60
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.50	9:39	9.34	8.83	30.45	29.51	2.52	10.30
WSR04	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.50	9:39	8.82	8.84	29.85	29.51	2.13	4.00
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:06	9.94	8.34	30.87	28.82	3.06	3.20
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:06	9.34	8.58	29.92	28.85	3.18	2.50
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:05	9.72	8.39	29.93	28.81	2.78	2.50
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:05	9.67	8.57	30.45	28.64	2.35	5.10
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:04	9.95	8.36	30.87	28.77	2.34	2.50
WSR04	20210525	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:04	10.00	8.43	30.19	28.70	2.11	3.10
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:37	9.48	8.38	30.16	30.30	2.44	5.90
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:37	9.43	8.47	29.84	30.16	2.45	4.70
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:36	9.17	8.35	29.87	30.32	2.57	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.85	12:36	9.60	8.26	30.69	30.10	2.47	5.60
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:35	8.90	8.47	30.01	30.18	2.05	4.70
WSR04	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.70	12:35	9.82	8.39	30.19	30.25	1.86	5.20
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:19	8.50	8.41	30.09	30.34	2.87	5.40
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:19	8.82	8.45	30.57	30.43	3.30	4.10
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.70	14:18	8.90	8.54	31.07	30.37	3.05	2.50
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.70	14:18	9.07	8.58	30.01	30.34	3.05	2.60
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.40	14:17	8.58	8.45	30.72	30.31	2.45	2.60
WSR04	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.40	14:17	8.76	8.39	30.16	30.34	2.51	3.80
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:10	10.04	8.55	29.67	27.30	2.46	3.10
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:10	10.59	8.30	29.53	27.34	2.70	4.40
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Middle	7.60	14:09	10.01	8.48	29.44	27.11	2.07	2.60
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Middle	7.60	14:09	10.02	8.50	29.69	27.14	2.31	4.40
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	14.20	14:08	10.10	8.34	29.61	27.28	2.08	7.20
WSR16	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	14.20	14:08	10.22	8.27	29.38	27.18	2.42	5.10
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:52	9.34	8.49	29.36	28.34	2.19	2.60
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:52	10.12	8.51	29.88	28.26	2.29	2.50
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Middle	8.10	15:51	9.35	8.54	29.73	28.34	2.16	2.50
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Middle	8.10	15:51	9.44	8.36	30.03	28.28	2.35	2.80
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	15.20	15:50	10.13	8.41	29.82	28.23	1.75	2.50
WSR16	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	15.20	15:50	10.32	8.59	29.65	28.41	1.59	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:25	8.64	8.54	30.64	26.54	2.38	2.80
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:25	10.27	8.57	30.36	26.78	2.36	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Middle	7.70	8:24	9.79	8.67	30.59	26.61	2.64	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Middle	7.70	8:24	9.20	8.64	30.51	26.71	2.77	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	14.40	8:23	10.08	8.68	30.26	26.65	1.97	2.50
WSR16	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	14.40	8:23	8.92	8.46	30.83	26.57	1.90	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:23	9.60	8.50	27.54	28.07	2.51	2.50
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:23	10.19	8.68	27.30	27.96	2.73	2.50
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Middle	8.15	9:22	9.73	8.53	27.42	27.98	2.37	2.50
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Middle	8.15	9:22	10.33	8.46	28.18	27.98	2.07	3.30
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Bottom	15.30	9:21	9.41	8.60	27.49	28.06	2.21	2.50
WSR16	20210508	Sunny	Moderate	Mid-Ebb	Bottom	15.30	9:21	10.03	8.65	27.88	28.13	2.07	3.20
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:56	9.06	8.47	30.75	29.29	2.74	2.50
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:56	8.71	8.36	30.29	29.46	2.48	3.70
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Middle	8.40	10:55	8.86	8.37	30.67	29.34	2.56	4.20
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Middle	8.40	10:55	9.10	8.47	30.41	29.32	2.61	4.20
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Bottom	15.80	10:54	9.39	8.38	30.17	29.33	2.20	5.20
WSR16	20210511	Sunny	Moderate	Mid-Ebb	Bottom	15.80	10:54	9.11	8.52	29.92	29.34	2.31	2.50
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:59	9.75	8.62	31.17	29.28	2.50	5.20
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:59	9.04	8.55	30.99	29.29	2.58	4.30
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Middle	7.65	11:58	8.96	8.67	31.34	29.26	2.75	3.10
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Middle	7.65	11:58	10.14	8.72	31.46	29.22	2.90	4.00
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Bottom	14.30	11:57	8.97	8.58	30.89	29.16	2.60	3.90
WSR16	20210513	Sunny	Moderate	Mid-Ebb	Bottom	14.30	11:57	10.82	8.64	31.25	29.17	2.25	2.50
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:40	9.34	8.68	29.37	29.54	2.59	2.50
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:40	9.29	8.42	29.47	29.64	2.35	2.50
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Middle	8.35	12:39	9.47	8.58	30.39	29.71	2.27	2.50
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Middle	8.35	12:39	9.30	8.48	29.83	29.56	2.34	2.50
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Bottom	15.70	12:38	10.17	8.53	30.54	29.67	2.30	2.90
WSR16	20210515	Sunny	Moderate	Mid-Ebb	Bottom	15.70	12:38	10.14	8.56	30.31	29.57	2.31	2.80
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:40	8.53	8.58	31.26	29.87	2.66	3.70
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	14:40	9.02	8.61	31.28	29.72	2.82	3.80
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Middle	8.35	14:39	8.62	8.58	31.22	29.91	2.38	3.60

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Middle	8.35	14:39	8.37	8.68	30.82	29.82	2.20	5.50
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Bottom	15.70	14:38	8.86	8.73	30.85	29.73	2.30	5.70
WSR16	20210518	Sunny	Moderate	Mid-Ebb	Bottom	15.70	14:38	9.65	8.74	30.73	29.85	2.70	4.60
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:56	8.90	8.44	30.54	30.24	2.52	5.00
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:56	9.69	8.42	30.47	30.31	2.44	4.90
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Middle	7.80	15:55	9.17	8.44	30.11	30.22	2.31	4.80
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Middle	7.80	15:55	8.88	8.49	30.80	30.32	2.40	5.00
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	14.60	15:54	9.74	8.39	30.73	30.22	2.65	4.80
WSR16	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	14.60	15:54	9.04	8.34	30.38	30.25	2.52	4.30
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:27	8.42	8.66	29.63	29.45	2.82	3.40
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:27	9.75	8.67	29.81	29.49	3.18	3.60
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Middle	8.45	8:26	8.91	8.62	30.47	29.37	2.39	2.50
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Middle	8.45	8:26	9.00	8.73	30.03	29.43	2.42	4.20
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Bottom	15.90	8:25	9.61	8.76	30.23	29.34	2.05	3.50
WSR16	20210522	Sunny	Moderate	Mid-Ebb	Bottom	15.90	8:25	9.39	8.87	29.63	29.45	2.35	4.40
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:56	9.45	8.42	31.05	28.59	2.42	2.50
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:56	9.54	8.35	30.75	28.78	2.67	2.50
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Middle	8.05	9:55	9.13	8.49	31.08	28.61	2.87	2.50
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Middle	8.05	9:55	9.61	8.54	30.88	28.58	3.19	4.60
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Bottom	15.10	9:54	9.45	8.36	30.55	28.70	2.27	5.80
WSR16	20210525	Sunny	Moderate	Mid-Ebb	Bottom	15.10	9:54	9.71	8.57	30.04	28.69	2.27	2.70
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:27	9.78	8.35	30.49	30.09	2.41	5.70
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:27	9.14	8.33	29.89	30.07	2.87	4.20
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Middle	7.60	11:26	9.97	8.44	30.59	30.08	2.22	6.80
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Middle	7.60	11:26	9.51	8.56	30.09	30.01	2.13	5.00
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Bottom	14.20	11:25	9.71	8.45	29.84	30.07	2.18	10.20
WSR16	20210527	Sunny	Moderate	Mid-Ebb	Bottom	14.20	11:25	9.36	8.37	30.37	30.10	2.57	15.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:11	8.81	8.51	30.74	30.18	3.13	3.60
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:11	8.58	8.64	29.93	30.18	3.22	3.60
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Middle	7.80	13:10	8.77	8.65	30.04	30.25	2.46	2.90
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Middle	7.80	13:10	8.45	8.56	31.02	30.14	2.68	3.90
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Bottom	14.60	13:09	9.20	8.46	30.84	30.18	2.19	2.50
WSR16	20210529	Sunny	Moderate	Mid-Ebb	Bottom	14.60	13:09	9.21	8.40	30.15	30.19	2.50	2.50
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:05	10.37	8.40	29.71	27.43	2.53	4.90
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	15:05	10.12	8.42	29.32	27.32	2.35	3.40
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.55	15:04	10.45	8.35	29.46	27.32	2.66	6.90
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.55	15:04	10.12	8.61	29.86	27.26	2.69	5.20
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	15:03	10.17	8.59	29.71	27.26	2.19	2.90
WSR33	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	15:03	10.25	8.50	29.46	27.37	2.38	3.30
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:42	9.35	8.32	29.32	28.08	2.78	2.50
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:42	9.85	8.30	29.88	28.15	2.47	2.50
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:41	9.63	8.58	29.96	28.22	1.93	3.40
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:41	9.54	8.52	29.69	28.08	1.94	2.60
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:40	10.42	8.52	29.58	28.32	2.22	3.10
WSR33	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:40	10.46	8.48	29.33	28.28	2.12	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:20	9.13	8.66	30.79	26.82	2.49	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:20	8.55	8.60	31.09	26.87	2.20	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.55	9:19	9.48	8.44	30.58	26.81	2.43	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.55	9:19	10.11	8.58	30.50	26.77	2.67	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	9:18	10.28	8.66	30.54	26.76	1.92	2.50
WSR33	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	6.10	9:18	8.69	8.67	30.87	26.90	1.98	2.50
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:19	9.41	8.63	28.38	27.98	2.67	2.50
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:19	9.70	8.60	27.51	28.18	2.34	2.60
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.50	10:18	9.49	8.41	27.49	28.16	2.02	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.50	10:18	9.59	8.41	27.32	28.02	1.86	2.90
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.00	10:17	9.93	8.46	28.08	28.03	1.83	2.50
WSR33	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.00	10:17	10.69	8.42	27.22	27.97	2.16	2.50
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:51	8.94	8.42	30.27	29.51	2.78	6.50
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:51	9.21	8.39	30.68	29.57	2.76	7.50
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:50	9.13	8.34	30.54	29.52	2.39	4.80
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:50	9.10	8.42	30.57	29.45	2.45	5.50
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:49	9.05	8.35	29.86	29.43	2.41	3.80
WSR33	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:49	9.03	8.50	30.43	29.49	1.97	2.50
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:52	9.57	8.77	30.91	29.29	3.17	2.50
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:52	10.09	8.77	31.21	29.34	2.88	2.50
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.70	12:51	10.57	8.59	31.02	29.40	2.57	3.80
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.70	12:51	9.57	8.79	30.93	29.46	2.76	3.50
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.40	12:50	10.40	8.61	31.04	29.46	2.77	3.10
WSR33	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.40	12:50	10.20	8.61	30.97	29.45	2.71	4.20
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:33	9.80	8.60	30.32	29.80	2.28	2.50
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:33	9.76	8.49	29.76	29.80	2.33	3.40
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:32	9.30	8.42	29.64	29.81	2.48	2.50
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:32	9.60	8.63	30.55	29.79	2.86	2.90
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:31	10.06	8.58	29.99	29.67	1.81	2.60
WSR33	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:31	9.55	8.48	30.49	29.80	2.08	2.80
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:35	9.36	8.66	30.75	29.80	2.50	3.50
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:35	9.45	8.60	30.74	29.64	2.44	5.80
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.60	15:34	8.50	8.68	31.16	29.77	2.54	5.10
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.60	15:34	8.64	8.63	31.25	29.64	2.49	4.70
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Bottom	6.20	15:33	9.93	8.73	30.99	29.78	2.30	5.40
WSR33	20210518	Sunny	Moderate	Mid-Ebb	Bottom	6.20	15:33	8.86	8.55	31.05	29.81	2.67	5.10

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:51	9.17	8.41	30.23	30.38	2.45	4.60
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:51	9.24	8.43	30.76	30.29	2.32	4.20
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.65	16:50	9.53	8.40	30.76	30.42	2.28	3.70
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.65	16:50	9.36	8.46	30.05	30.34	2.57	3.10
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.30	16:49	8.96	8.46	30.59	30.43	2.13	4.30
WSR33	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.30	16:49	9.31	8.36	30.65	30.34	2.39	4.00
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:24	9.35	8.63	30.50	29.51	3.29	9.80
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:24	9.77	8.64	29.91	29.54	2.79	3.30
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.70	9:23	9.26	8.84	29.61	29.58	2.86	2.70
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.70	9:23	8.98	8.74	30.65	29.53	3.01	3.00
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.40	9:22	9.21	8.65	29.78	29.55	2.06	3.10
WSR33	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.40	9:22	9.09	8.68	29.72	29.57	1.72	3.20
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:51	9.85	8.57	30.95	28.91	2.86	2.50
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:51	9.60	8.61	30.46	28.76	3.39	2.50
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.85	10:50	8.96	8.49	29.86	28.91	2.77	2.50
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.85	10:50	8.99	8.50	30.90	28.83	2.77	3.10
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Bottom	6.70	10:49	9.06	8.53	30.02	28.95	2.74	2.50
WSR33	20210525	Sunny	Moderate	Mid-Ebb	Bottom	6.70	10:49	10.44	8.64	29.98	28.94	2.76	2.50
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:22	9.73	8.38	30.56	30.03	2.48	8.60
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:22	9.65	8.44	30.64	30.14	2.27	7.70
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.50	12:21	9.96	8.26	29.57	30.22	2.17	17.40
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.50	12:21	9.61	8.47	29.92	30.12	2.33	7.20
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.00	12:20	9.58	8.35	29.79	30.26	2.43	16.50
WSR33	20210527	Sunny	Moderate	Mid-Ebb	Bottom	6.00	12:20	9.60	8.48	30.03	30.13	2.06	15.50
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:32	8.88	8.60	30.65	30.30	2.79	3.80
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:32	9.29	8.54	30.11	30.30	3.18	2.90
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.55	13:31	9.14	8.62	30.83	30.34	2.59	3.10

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.55	13:31	8.88	8.54	30.06	30.21	2.40	2.50
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.10	13:30	9.03	8.53	30.60	30.20	1.98	3.80
WSR33	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.10	13:30	8.81	8.42	30.63	30.22	2.07	2.70
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:48	9.97	8.41	29.59	27.35	3.03	5.20
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:48	9.95	8.35	29.53	27.35	2.61	6.60
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.15	14:48	9.96	8.59	29.49	27.30	2.61	3.90
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Middle	3.15	14:48	9.92	8.62	29.85	27.29	2.54	3.10
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	5.30	14:47	10.01	8.32	29.55	27.32	2.15	3.10
WSR36	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	5.30	14:47	10.19	8.57	29.86	27.42	2.29	5.40
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:27	10.31	8.33	29.42	28.27	2.40	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:27	9.54	8.56	29.33	28.05	2.26	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:27	9.58	8.48	29.71	28.03	2.32	3.00
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Middle	3.85	16:27	9.47	8.42	29.93	28.05	2.62	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:26	9.54	8.44	29.28	28.11	2.20	2.50
WSR36	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	6.70	16:26	9.80	8.42	29.28	28.30	2.13	3.00
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:03	8.80	8.63	30.03	26.73	2.56	2.50
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	9:03	10.29	8.41	30.36	26.74	2.87	2.50
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.20	9:03	9.81	8.66	30.80	26.79	2.69	2.50
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Middle	3.20	9:03	9.54	8.68	30.58	26.87	2.46	2.50
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	5.40	9:02	9.54	8.65	30.96	26.92	2.22	2.50
WSR36	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	5.40	9:02	8.74	8.47	30.71	26.70	2.01	2.50
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:02	9.31	8.45	27.31	28.15	2.40	2.50
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:02	10.36	8.68	28.35	27.97	2.61	3.00
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.65	10:02	9.51	8.44	27.26	28.07	2.11	2.50
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Middle	3.65	10:02	10.38	8.66	27.40	28.07	2.00	2.50
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.30	10:01	9.33	8.60	27.51	28.08	2.00	2.50
WSR36	20210508	Sunny	Moderate	Mid-Ebb	Bottom	6.30	10:01	9.58	8.44	28.10	27.95	2.08	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:36	8.86	8.53	30.09	29.55	2.88	3.50
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:36	8.76	8.49	29.91	29.57	2.19	2.60
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:36	8.94	8.62	30.77	29.58	2.11	3.50
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Middle	3.80	11:36	9.24	8.35	30.61	29.55	2.54	8.90
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:35	8.75	8.41	30.14	29.49	2.11	2.50
WSR36	20210511	Sunny	Moderate	Mid-Ebb	Bottom	6.60	11:35	8.65	8.58	30.93	29.48	2.30	2.50
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:37	9.34	8.59	31.18	29.25	2.19	3.70
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:37	10.51	8.59	31.29	29.46	2.54	3.60
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.35	12:37	10.10	8.79	31.24	29.38	2.54	3.10
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.35	12:37	10.61	8.72	30.88	29.43	2.76	3.50
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:36	10.56	8.52	31.39	29.41	2.31	11.30
WSR36	20210513	Sunny	Moderate	Mid-Ebb	Bottom	5.70	12:36	10.74	8.51	31.34	29.43	2.45	4.30
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:16	9.25	8.61	30.42	29.77	2.73	4.60
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:16	9.26	8.59	29.48	29.73	2.81	2.50
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.10	13:16	9.85	8.59	29.88	29.65	2.35	3.10
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.10	13:16	10.12	8.58	30.46	29.69	2.64	2.50
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Bottom	5.20	13:15	10.10	8.53	30.01	29.58	2.26	3.50
WSR36	20210515	Sunny	Moderate	Mid-Ebb	Bottom	5.20	13:15	9.67	8.58	30.08	29.67	2.13	6.80
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:18	9.88	8.70	31.16	29.71	2.32	4.10
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:18	9.04	8.64	30.89	29.83	2.06	3.80
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.10	15:18	9.28	8.57	30.99	29.68	2.54	4.50
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Middle	3.10	15:18	9.39	8.60	31.08	29.74	2.17	5.10
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Bottom	5.20	15:17	8.62	8.73	30.92	29.84	2.07	4.80
WSR36	20210518	Sunny	Moderate	Mid-Ebb	Bottom	5.20	15:17	9.51	8.68	31.16	29.65	1.87	5.90
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:34	8.98	8.37	30.66	30.43	3.10	4.20
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:34	9.51	8.38	30.81	30.32	2.87	3.70
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.60	16:34	9.57	8.46	30.02	30.41	2.32	3.00

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.60	16:34	9.30	8.47	30.60	30.33	2.03	3.60
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.20	16:33	9.66	8.34	30.40	30.32	2.18	4.40
WSR36	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.20	16:33	9.32	8.41	29.63	30.38	1.84	4.40
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:07	8.26	8.64	30.11	29.54	2.75	3.80
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:07	8.28	8.63	29.90	29.50	2.99	4.00
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.60	9:07	8.99	8.69	30.62	29.53	2.98	3.00
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.60	9:07	9.91	8.66	30.33	29.47	3.09	4.10
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.20	9:06	8.53	8.87	30.54	29.53	2.55	3.90
WSR36	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.20	9:06	8.96	8.63	30.66	29.47	2.61	3.80
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:34	9.88	8.46	30.25	28.87	2.89	2.50
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:34	9.69	8.61	30.38	28.74	3.01	2.50
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.30	10:34	9.87	8.59	30.89	28.75	2.86	2.50
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Middle	3.30	10:34	9.85	8.48	30.46	28.81	2.97	2.50
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Bottom	5.60	10:33	9.84	8.57	30.93	28.91	2.16	2.50
WSR36	20210525	Sunny	Moderate	Mid-Ebb	Bottom	5.60	10:33	10.47	8.37	30.84	28.90	2.28	2.50
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:05	9.78	8.32	30.22	30.15	3.10	5.00
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:05	9.13	8.29	30.36	30.09	2.99	5.60
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.40	12:05	9.66	8.29	29.87	30.24	2.47	8.70
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Middle	3.40	12:05	9.77	8.27	29.59	30.14	2.67	18.80
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Bottom	5.80	12:04	9.39	8.52	29.82	30.19	2.23	20.70
WSR36	20210527	Sunny	Moderate	Mid-Ebb	Bottom	5.80	12:04	9.78	8.42	30.01	30.14	2.54	4.70
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:48	9.28	8.47	30.06	30.33	2.46	3.30
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:48	9.22	8.67	30.89	30.32	2.61	2.50
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.80	13:48	8.67	8.39	30.41	30.34	2.42	3.30
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Middle	3.80	13:48	8.63	8.39	30.90	30.33	2.59	2.50
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.60	13:47	9.16	8.60	30.00	30.44	2.63	3.30
WSR36	20210529	Sunny	Moderate	Mid-Ebb	Bottom	6.60	13:47	8.95	8.59	30.93	30.34	2.23	3.40

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:34	10.08	8.50	29.34	27.18	2.46	3.70
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Surface	1.00	14:34	10.35	8.48	29.61	27.37	2.88	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.45	14:33	9.95	8.40	29.41	27.18	2.57	2.70
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Middle	4.45	14:33	10.57	8.34	29.44	27.19	2.32	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	14:32	10.16	8.38	29.49	27.42	2.13	2.50
WSR37	20210501	Cloudy	Moderate	Mid-Ebb	Bottom	7.90	14:32	10.05	8.34	29.56	27.23	2.17	2.50
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:14	9.71	8.28	29.69	28.20	2.70	2.70
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:14	10.35	8.34	29.86	28.16	2.54	2.50
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.25	16:13	9.52	8.29	29.74	28.38	2.22	2.70
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Middle	4.25	16:13	9.55	8.53	29.75	28.35	1.95	2.80
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	16:12	10.07	8.33	29.55	28.23	2.22	4.30
WSR37	20210504	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	16:12	9.81	8.44	29.70	28.19	2.19	2.50
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:47	9.25	8.56	30.46	26.73	2.84	2.50
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Surface	1.00	8:47	8.54	8.69	29.97	26.78	2.77	2.80
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.25	8:46	8.59	8.68	30.05	26.85	2.14	2.50
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Middle	4.25	8:46	8.73	8.49	30.86	26.89	1.96	2.50
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	8:45	8.88	8.60	30.66	26.82	2.39	2.50
WSR37	20210506	Cloudy	Moderate	Mid-Ebb	Bottom	7.50	8:45	9.51	8.69	30.66	26.78	2.13	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:47	9.49	8.55	28.31	27.99	2.41	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Surface	1.00	9:47	9.89	8.63	27.35	27.98	2.85	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.15	9:46	9.50	8.53	27.26	28.01	2.13	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Middle	4.15	9:46	9.60	8.57	28.34	28.09	1.87	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Bottom	7.30	9:45	9.75	8.70	27.36	28.06	1.99	2.50
WSR37	20210508	Sunny	Moderate	Mid-Ebb	Bottom	7.30	9:45	10.01	8.57	28.22	28.14	2.06	2.50
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:20	9.20	8.34	29.94	29.32	2.33	4.60
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:20	8.69	8.58	30.71	29.34	2.87	2.50
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.15	11:19	9.03	8.39	29.88	29.40	2.49	2.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Middle	4.15	11:19	9.14	8.61	31.08	29.42	2.43	6.30
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Bottom	7.30	11:18	9.35	8.55	30.49	29.41	2.52	2.50
WSR37	20210511	Sunny	Moderate	Mid-Ebb	Bottom	7.30	11:18	9.00	8.47	29.82	29.40	2.34	2.50
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:21	9.75	8.77	31.14	29.40	2.78	4.80
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Surface	1.00	12:21	10.43	8.79	30.97	29.43	3.18	4.90
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.80	12:20	10.06	8.75	31.05	29.21	2.42	4.40
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Middle	3.80	12:20	9.69	8.75	31.05	29.27	2.17	4.40
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.60	12:19	10.09	8.76	30.91	29.20	2.39	4.20
WSR37	20210513	Sunny	Moderate	Mid-Ebb	Bottom	6.60	12:19	10.59	8.61	31.35	29.22	2.64	5.10
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:02	10.18	8.68	30.31	29.74	2.46	3.40
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:02	10.19	8.47	30.42	29.64	2.84	2.50
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:01	10.16	8.49	29.71	29.78	2.36	2.70
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Middle	3.85	13:01	10.00	8.59	29.65	29.69	2.70	2.50
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:00	9.29	8.64	29.77	29.57	2.26	3.50
WSR37	20210515	Sunny	Moderate	Mid-Ebb	Bottom	6.70	13:00	10.08	8.67	30.08	29.73	2.14	2.50
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:04	9.81	8.75	30.74	29.84	2.68	4.50
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Surface	1.00	15:04	9.88	8.58	31.00	29.72	3.18	4.80
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.00	15:03	9.28	8.56	31.03	29.67	2.17	3.30
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Middle	4.00	15:03	8.88	8.54	30.98	29.64	2.58	5.10
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.00	15:02	8.72	8.60	30.76	29.83	2.28	4.20
WSR37	20210518	Sunny	Moderate	Mid-Ebb	Bottom	7.00	15:02	8.71	8.70	30.95	29.70	2.12	3.70
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:20	9.11	8.36	30.78	30.35	2.36	4.60
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Surface	1.00	16:20	9.42	8.41	30.44	30.39	2.27	4.40
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.95	16:19	8.99	8.35	30.05	30.39	2.02	3.90
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Middle	3.95	16:19	9.38	8.37	30.42	30.24	2.01	5.50

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	16:18	9.18	8.41	30.23	30.29	1.98	3.50
WSR37	20210520	Cloudy	Moderate	Mid-Ebb	Bottom	6.90	16:18	9.19	8.48	30.39	30.34	2.26	7.50
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:51	9.33	8.71	30.05	29.46	2.99	4.40
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Surface	1.00	8:51	9.25	8.68	29.61	29.48	3.26	4.20
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.85	8:50	8.42	8.63	30.25	29.56	2.31	4.20
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Middle	3.85	8:50	9.58	8.83	30.13	29.53	1.98	4.60
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.70	8:49	9.17	8.65	30.30	29.44	2.16	4.10
WSR37	20210522	Sunny	Moderate	Mid-Ebb	Bottom	6.70	8:49	9.27	8.58	29.58	29.45	2.30	5.00
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:20	9.90	8.48	30.49	28.77	2.61	3.10
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Surface	1.00	10:20	8.98	8.60	30.81	28.73	2.68	2.50
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.10	10:19	8.84	8.37	30.65	28.80	2.78	2.50
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Middle	4.10	10:19	8.98	8.52	30.44	28.66	3.09	2.50
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.20	10:18	9.07	8.36	30.39	28.71	2.17	2.50
WSR37	20210525	Sunny	Moderate	Mid-Ebb	Bottom	7.20	10:18	10.01	8.53	30.49	28.77	2.59	2.50
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:51	9.63	8.35	30.33	30.18	2.61	17.30
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Surface	1.00	11:51	9.06	8.26	30.51	30.06	2.44	5.10
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.45	11:50	9.70	8.56	30.10	30.17	2.86	15.70
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Middle	4.45	11:50	9.22	8.32	30.13	30.03	2.51	15.90
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Bottom	7.90	11:49	9.48	8.35	29.57	30.07	2.09	15.30
WSR37	20210527	Sunny	Moderate	Mid-Ebb	Bottom	7.90	11:49	9.62	8.30	29.67	30.10	2.32	4.70
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:32	9.13	8.53	30.33	30.23	3.17	3.80
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Surface	1.00	13:32	8.54	8.54	30.26	30.23	3.01	2.50
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.45	13:31	8.67	8.39	30.21	30.36	2.92	3.00
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Middle	4.45	13:31	8.53	8.48	30.80	30.25	2.46	3.00
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.90	13:30	9.23	8.44	29.89	30.33	2.50	2.50
WSR37	20210529	Sunny	Moderate	Mid-Ebb	Bottom	7.90	13:30	8.43	8.58	30.86	30.34	2.11	6.30

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time (hh:mm)	DO (mg/L)	pH	Sal (ppt)	Temp (°C)	Turbidity (NTU) note 1	SS (mg/L) (Note 2)
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Remark:

Note 1: Measurements of turbidity would be rounding to 0.1 NTU for proven accuracy as per the equipment specs during utilization of data.

Note 2: 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

Appendix J

HOKLAS Laboratory Certificate



Hong Kong Accreditation Service
香港認可處

Certificate of Accreditation
認可證書

This is to certify that
特此證明

ACUMEN LABORATORY AND TESTING LIMITED
浩科檢測中心有限公司

Lot 12, Tam Kon Shan Road, North Tsing Yi, New Territories, Hong Kong
香港新界青衣北担杆山路12路段

has been accepted by the HKAS Executive, on the recommendation of the Accreditation Advisory Board, as a
在認可諮詢委員會的建議下獲香港認可處執行機關接受為

HOKLAS Accredited Laboratory
「香港實驗所認可計劃」認可實驗所

This laboratory meets the requirements of ISO/IEC 17025:2005 and it has been accredited for performing specific tests or calibrations as listed in the scope of accreditation within the test category of

Environmental Testing

*此實驗所符合ISO/IEC 17025:2005所訂的要求
並獲認可進行載於認可範圍內下述測試類別中的指定測試或校正工作*

環境測試

*This accreditation to ISO/IEC 17025:2005 demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (see joint IAF-ILAC-ISO Communiqué).
此項 ISO/IEC 17025:2005 的認可資格證明此實驗所具備指定範疇內所須的技術能力及
實施一套實驗所質量管理體系(見國際認可論壇、國際實驗所認可合作組織及國際標準化組織的聯合公報)。*

The common seal of the Hong Kong Accreditation Service is affixed hereto by the authority of the HKAS Executive
現經香港認可處執行機關授權在此蓋上香港認可處的印章



WONG Wang-wah, Executive Administrator
執行幹事 黃宏華
Issue Date: 16 July 2014
簽發日期: 二零一四年七月十六日

Registration Number: HOKLAS 241
註冊號碼:



Date of First Registration: 16 July 2014
首次註冊日期: 二零一四年七月十六日

This certificate is issued subject to the terms and conditions laid down by HKAS
本證書按照香港認可處訂立的條款及條件發出

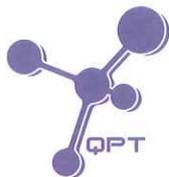
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Appendix K

Water Quality Equipment Calibration Certificate

Equipment	Model	Serial Number	Calibration Date	Calibration Expiry Date*
Multi-Functional Meter	Horiba U-53	A55XB7UP	26/02/2021	26/03/2021
Multi-Functional Meter	Horiba U-53	L20550GA	09/03/2021	09/04/2021
Multi-Functional Meter	Horiba U-53	UHB5F2BB	24/02/2021	24/03/2021
Multi-Functional Meter	Horiba U-53	UHB5F2BB	18/03/2021	18/04/2021
Multi-Functional Meter	Horiba U-53	S2A98W8H	07/04/2021	07/05/2021
Multi-Functional Meter	Horiba U-53	L20550GA	15/04/2021	15/05/2021
Multi-Functional Meter	Horiba U-53	UHB5F2BB	26/04/2021	26/05/2021
Multi-Functional Meter	Horiba U-53	S2A98W8H	18/05/2021	18/06/2021

Remarks*: All *in situ* monitoring instruments will be checked, calibrated and certified by laboratory accredited under HOKLAS or any other international accreditation scheme before use, and subsequently re-calibrated at monthly intervals throughout the stages of water quality monitoring, as per requirements in the EM&A Manual Clause 5.1.3.



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/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

Report No. : BA020068
Date of Issue : 26 February 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : A55XB7UP
Date of Received : Feb 25, 2021
Date of Calibration : Feb 26, 2021
Date of Next Calibration^(a) : May 25, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.
Oxidation-Reduction Potential	APHA 22e 2580 B

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.11	0.11	Satisfactory
7.42	7.36	-0.06	Satisfactory
10.01	10.16	0.15	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
16	16.84	0.84	Satisfactory
21	20.80	-0.20	Satisfactory
39	38.74	-0.26	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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


LEE Chun-ning, Desmond
Senior Chemist



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA020068
Date of Issue : 26 February 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.26	0.60	0.34	Satisfactory
3.87	4.10	0.23	Satisfactory
7.18	7.10	-0.08	Satisfactory
8.49	8.49	0.00	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.80	-2.00	Satisfactory
20	18.30	-8.50	Satisfactory
30	31.70	5.67	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ⁽¹⁾ (NTU)	Tolerance ⁽²⁾ (%)	Results
0	0.00	--	Satisfactory
10	10.5	5.0	Satisfactory
20	21.2	6.0	Satisfactory
100	104	4.0	Satisfactory
800	813	1.6	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

(6) Oxidation-Reduction Potential

Expected Reading (mV)	Displayed Reading (mV)	Tolerance (mV) ⁽²⁾	Results
229	227	-2	Satisfactory

Tolerance limit of Oxidation-Reduction Potential should be less than ± 10 (mV)

~ END OF REPORT ~

Remark(s): -

⁽¹⁾ "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

⁽²⁾ The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA030040
Date of Issue : 11 March 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : L20550GA
Date of Received : Mar 04, 2021
Date of Calibration : Mar 09, 2021
Date of Next Calibration^(a) : Jun 08, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

<u>Parameter</u>	<u>Reference Method</u>
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.06	0.06	Satisfactory
7.42	7.38	-0.04	Satisfactory
10.01	10.11	0.10	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
13	13.46	0.46	Satisfactory
25	24.23	-0.77	Satisfactory
38	37.65	-0.35	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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


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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA030040
Date of Issue : 11 March 2021
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PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
1.50	1.23	-0.27	Satisfactory
4.66	4.21	-0.45	Satisfactory
7.04	6.75	-0.29	Satisfactory
8.48	8.28	-0.20	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.77	-2.30	Satisfactory
20	20.25	1.25	Satisfactory
30	30.90	3.00	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.00	--	Satisfactory
10	10.9	9.0	Satisfactory
20	20.5	2.5	Satisfactory
100	101	1.0	Satisfactory
800	782	-2.3	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA020038
Date of Issue : 24 February 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : UHB5F2BB
Date of Received : Feb 10, 2021
Date of Calibration : Feb 24, 2021
Date of Next Calibration^(a) : May 24, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.06	0.06	Satisfactory
7.42	7.44	0.02	Satisfactory
10.01	9.95	-0.06	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
17	17.24	0.24	Satisfactory
24	24.16	0.16	Satisfactory
34	34.17	0.17	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.


LEE Chun-ning, Desmond
Senior Chemist



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA020038
Date of Issue : 24 February 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.45	0.00	-0.45	Satisfactory
2.10	1.95	-0.15	Satisfactory
4.40	3.99	-0.41	Satisfactory
8.59	8.11	-0.48	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.16	-8.40	Satisfactory
20	18.39	-8.05	Satisfactory
30	28.11	-6.30	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.95	--	Satisfactory
10	10.8	8.0	Satisfactory
20	21.6	8.0	Satisfactory
100	98.0	-2.0	Satisfactory
800	754	-5.8	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA030062
Date of Issue : 18 March 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
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37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : UHB5F2BB
Date of Received : Mar 15, 2021
Date of Calibration : Mar 18, 2021
Date of Next Calibration^(a) : Jun 17, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.01	0.01	Satisfactory
7.42	7.32	-0.10	Satisfactory
10.01	9.88	-0.13	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
7.5	7.80	0.30	Satisfactory
23	23.14	0.14	Satisfactory
37	36.45	-0.55	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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^(b) The results relate only to the calibrated equipment as received
^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.


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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA030062
Date of Issue : 18 March 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.51	0.17	-0.34	Satisfactory
2.10	1.86	-0.24	Satisfactory
5.67	5.36	-0.31	Satisfactory
8.36	7.99	-0.37	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.15	-8.50	Satisfactory
20	18.42	-7.90	Satisfactory
30	28.43	-5.23	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.55	--	Satisfactory
10	9.15	-8.5	Satisfactory
20	18.8	-6.0	Satisfactory
100	93.0	-7.0	Satisfactory
800	766	-4.3	Satisfactory

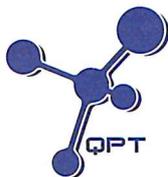
Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA040007
Date of Issue : 08 April 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : S2A98W8H
Date of Received : Mar 26, 2021
Date of Calibration : Apr 07, 2021
Date of Next Calibration^(a) : Jul 06, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.07	0.07	Satisfactory
7.42	7.41	-0.01	Satisfactory
10.01	9.94	-0.07	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
17	17.55	0.55	Satisfactory
28	27.76	-0.24	Satisfactory
43	42.80	-0.20	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.


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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA040007
Date of Issue : 08 April 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.85	0.99	0.14	Satisfactory
2.60	2.40	-0.20	Satisfactory
5.23	4.78	-0.45	Satisfactory
8.15	8.06	-0.09	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.40	-6.00	Satisfactory
20	18.80	-6.00	Satisfactory
30	28.90	-3.67	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.00	--	Satisfactory
10	10.8	8.0	Satisfactory
20	21.0	5.0	Satisfactory
100	105	5.0	Satisfactory
800	838	4.8	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA040049
Date of Issue : 16 April 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : L20550GA
Date of Received : Apr 08, 2021
Date of Calibration : Apr 15, 2021
Date of Next Calibration^(a) : Jul 14, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.04	0.04	Satisfactory
7.42	7.42	0.00	Satisfactory
10.01	9.85	-0.16	Satisfactory

Tolerance of pH should be less than ±0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
13	13.07	0.07	Satisfactory
24.5	24.70	0.20	Satisfactory
33.5	33.09	-0.41	Satisfactory

Tolerance limit of temperature should be less than ±2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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


LEE Chun-ning, Desmond
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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA040049
Date of Issue : 16 April 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.21	0.00	-0.21	Satisfactory
1.90	2.06	0.16	Satisfactory
5.50	5.69	0.19	Satisfactory
7.98	8.11	0.13	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.78	-2.20	Satisfactory
20	20.34	1.70	Satisfactory
30	31.16	3.87	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.00	--	Satisfactory
10	9.25	-7.5	Satisfactory
20	19.4	-3.0	Satisfactory
100	105	5.0	Satisfactory
800	860	7.5	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA040094
Date of Issue : 27 April 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : UHB5F2BB
Date of Received : Apr 20, 2021
Date of Calibration : Apr 26, 2021
Date of Next Calibration^(a) : Jul 25, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.
Oxidation-Reduction Potential	APHA 22e 2580 B

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.17	0.17	Satisfactory
7.42	7.27	-0.15	Satisfactory
10.01	9.83	-0.18	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
12	12.55	0.55	Satisfactory
23	24.12	1.12	Satisfactory
41	40.24	-0.76	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

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


LEE Chun-ning, Desmond
Senior Chemist

**REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION**Report No. : BA040094
Date of Issue : 27 April 2021
Page No. : 2 of 2**PART D – CALIBRATION RESULTS (Cont'd)****(3) Dissolved Oxygen**

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
1.03	0.60	-0.43	Satisfactory
4.22	3.80	-0.42	Satisfactory
5.72	5.37	-0.35	Satisfactory
7.08	6.66	-0.42	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)**(4) Salinity**

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.53	-4.70	Satisfactory
20	18.60	-7.00	Satisfactory
30	32.04	6.80	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)**(5) Turbidity**

Expected Reading (NTU)	Displayed Reading ^(f) (NTU)	Tolerance ^(g) (%)	Results
0	0.81	--	Satisfactory
10	9.81	-1.9	Satisfactory
20	21.20	6.0	Satisfactory
100	96.8	-3.2	Satisfactory
800	750	-6.3	Satisfactory

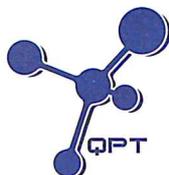
Tolerance limit of turbidity should be less than ± 10.0 (%)**(6) Oxidation-Reduction Potential**

Expected Reading (mV)	Displayed Reading (mV)	Tolerance (mV) ^(g)	Results
229	229	0	Satisfactory

Tolerance limit of Oxidation-Reduction Potential should be less than ± 10 (mV)

~ END OF REPORT ~

Remark(s): -^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



專業化驗有限公司

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA050037
Date of Issue : 18 May 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : S2A98W8H
Date of Received : May 11, 2021
Date of Calibration : May 18, 2021
Date of Next Calibration^(a) : Aug 17, 2021

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

<u>Parameter</u>	<u>Reference Method</u>
pH at 25°C	APHA 21e 4500-H ⁺ B
Dissolved Oxygen	APHA 21e 4500-O G
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

Target (pH unit)	Displayed Reading ^(d) (pH Unit)	Tolerance ^(e) (pH Unit)	Results
4.00	4.18	0.18	Satisfactory
7.42	7.56	0.14	Satisfactory
10.01	9.99	-0.02	Satisfactory

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
17	17.85	0.85	Satisfactory
25	25.57	0.57	Satisfactory
39	38.86	-0.14	Satisfactory

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

- ^(a) The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
^(b) The results relate only to the calibrated equipment as received
^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) 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.


LEE Chun-ning, Desmond
Senior Chemist



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA050037
Date of Issue : 18 May 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
1.52	1.57	0.05	Satisfactory
3.08	3.28	0.20	Satisfactory
5.03	4.56	-0.47	Satisfactory
8.12	7.65	-0.47	Satisfactory

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.31	-6.90	Satisfactory
20	18.66	-6.70	Satisfactory
30	28.56	-4.80	Satisfactory

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

Expected Reading (NTU)	Displayed Reading ⁽¹⁾ (NTU)	Tolerance ⁽²⁾ (%)	Results
0	0.00	--	Satisfactory
10	9.81	-1.9	Satisfactory
20	18.70	-6.5	Satisfactory
100	97.6	-2.4	Satisfactory
800	846	5.8	Satisfactory

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

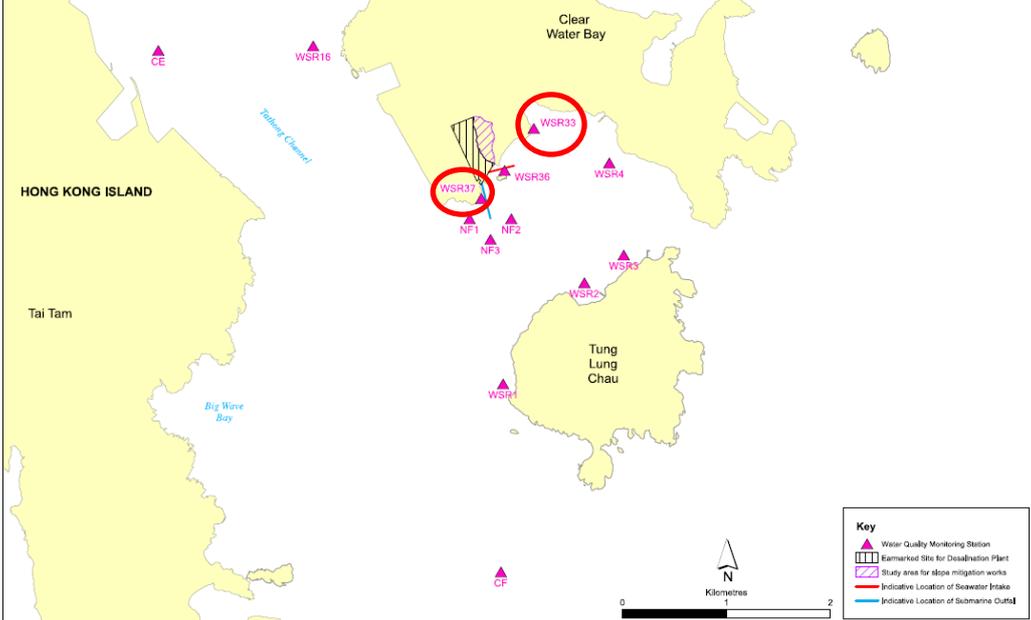
⁽¹⁾ "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

⁽²⁾ The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

Appendix L

Exceedance Reports(s)

Incident Report on Action Level or Limit Level Non-Compliance

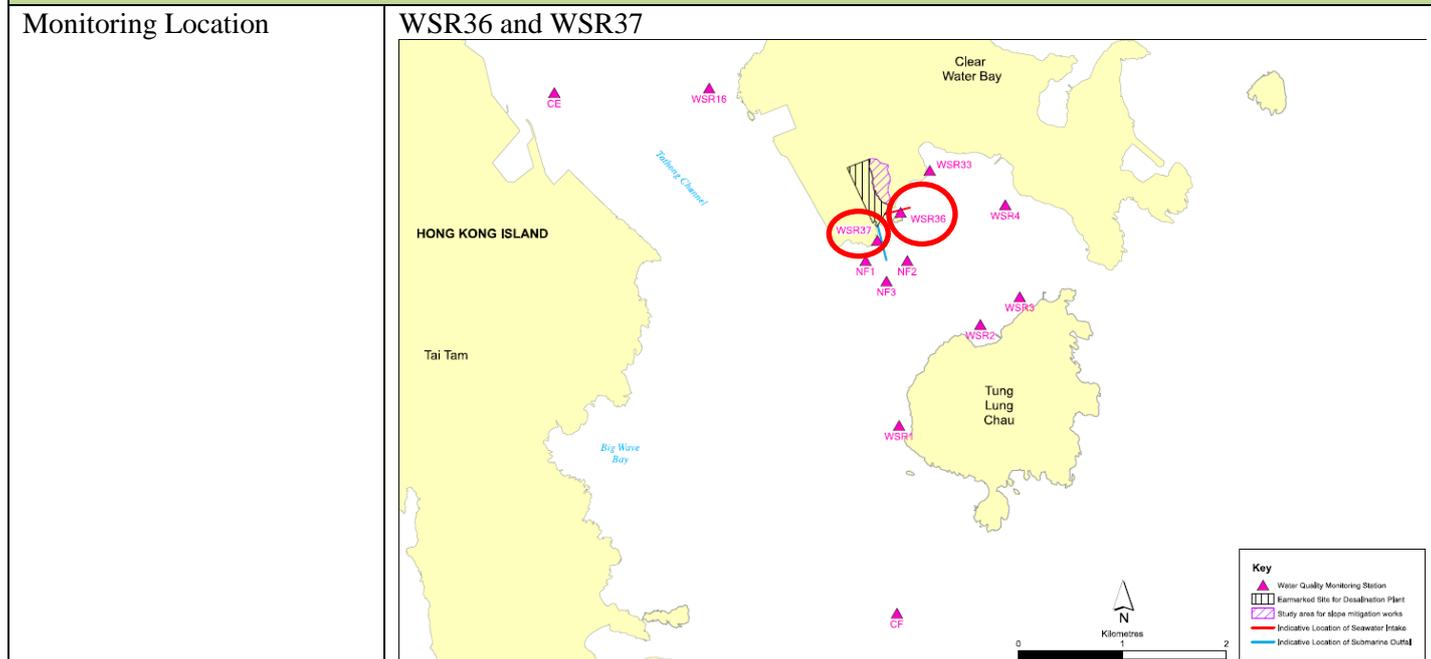
Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	25 Mar 2021 (Lab result received on 01 Apr 2021)		
Time	08:45 – 12:15 (Mid Ebb) and 13:45 – 17:15 (Mid-Flood)		
Mid-Ebb			
Monitoring Location	WSR33 and WSR37 		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.6 mg/L		> 6.1 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.7 mg/L (WSR 33) 6.3 mg/L (WSR 37)	4.7 mg/L (CE)	3.6 mg/L (WSR1) 3.4 mg/L (WSR2) 3.6 mg/L (WSR3) 3.9 mg/L (WSR4) 5.0 mg/L (WSR16) 5.3 mg/L (WSR36)
Possible reason for Action or Limit Level Non-compliance	<p>Marine construction activities, namely 1) Setting up silt curtains (~ 20m) by lighter and divers; 2) welding on temporary steel platform; and 3) setting up of vibratory hammer on barge, were conducted on-site at the Intake Shaft area (near to work station WSR36) on 25 Mar 2021. The conducted marine construction activities were noted to be with preparation nature, mostly without contact with the water and would not contribute to SS generation. No marine construction activity was conducted at the Outfall Shaft area (near to work station WSR37).</p> <p>Marine construction activities with contact with water: 1) Setting up silt curtains by lighter and divers.</p> <p>Marine vessels on 25th March 2021</p> <ul style="list-style-type: none"> • Derrick lighter x 2 • Flat-top barge x 1 • Passenger boat x 2 <p>Dominating sea current direction was found to be from Northwest to Southeast at waters to the west side of Tit Cham Chau; and from West to East at waters to the east side of Tit Cham Chau.</p>		

Work stations WSR33 and WSR37 are located at downstream and upstream direction during ebb tide respectively. The SS value at station WSR36 (5.3 mg/L), which is the closest station to the area with marine construction activities, was lower than that of WSR33 (5.7 mg/L) and WSR37 (6.3 mg/L) at the same tide. Considering the SS value at station WSR36 has not exceeded the action and limit level, there is no direct evidence indicating that the SS exceedance of WSR33 and WSR37 were related to the marine construction activities near the Intake Shaft area.

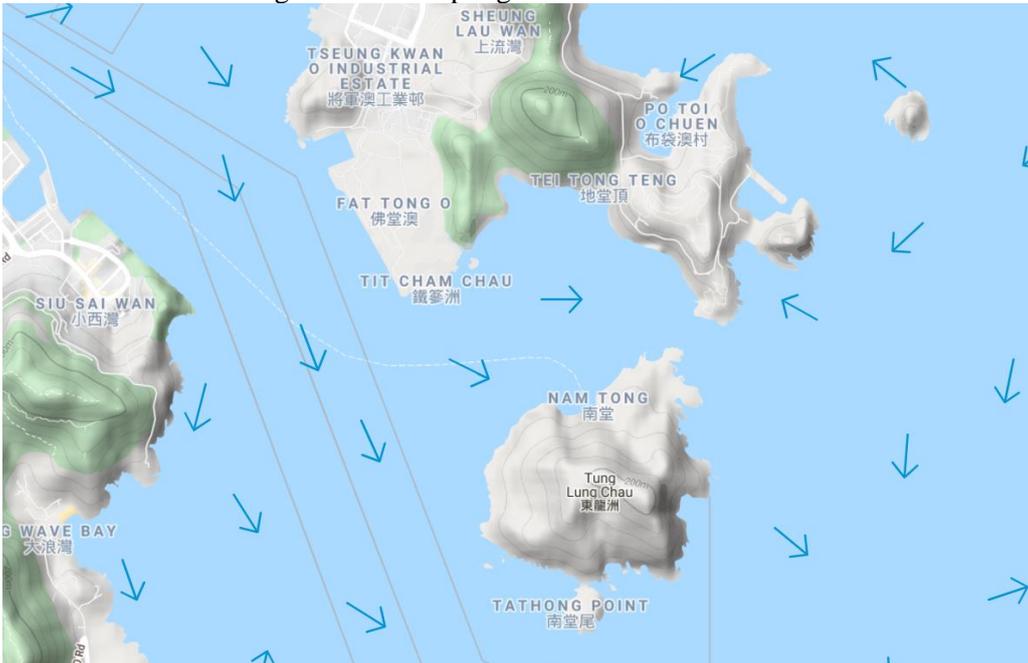
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 25 Mar 2021.

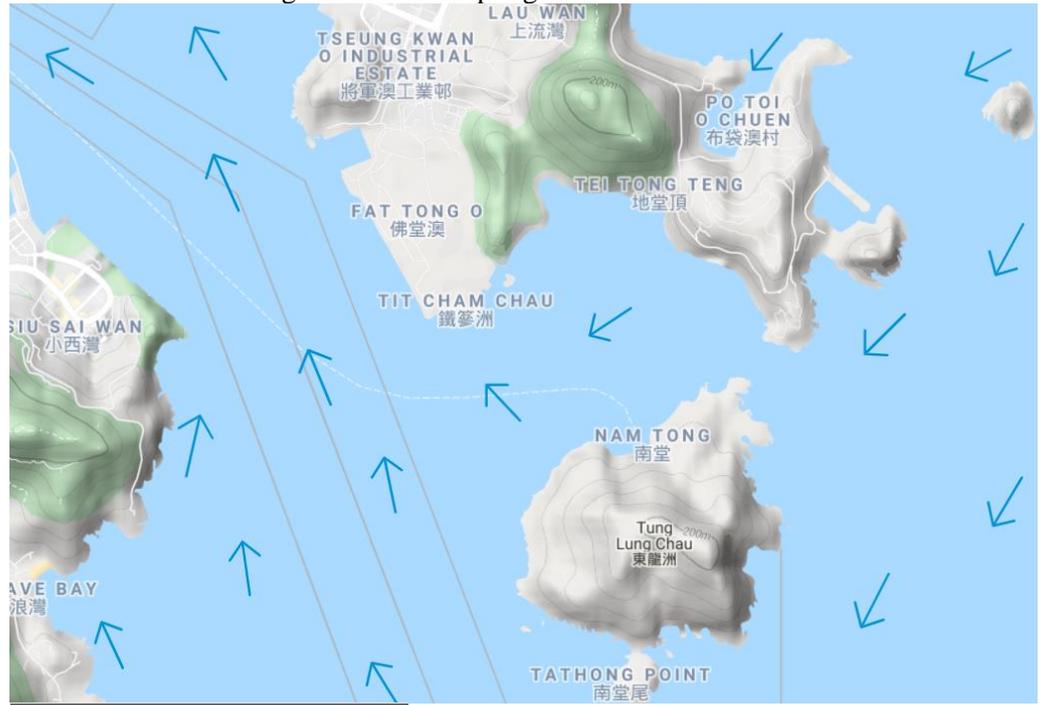
Mid-Flood



Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.2 mg/L (WSR 36) 5.3 mg/L (WSR 37)	2.7 mg/L (CF)	3.3 mg/L (WSR1) 3.4 mg/L (WSR2) 3.7 mg/L (WSR3) 4.0 mg/L (WSR4) 4.4 mg/L (WSR16) 4.8 mg/L (WSR33)
Possible reason for Action or Limit Level Non-compliance	Marine construction activities, namely 1) Setting up silt curtains (~20m) by lighter and divers; 2) welding on temporary steel platform; and 3) setting up of vibratory hammer on barge, were conducted on-site at the Intake Shaft area (near to work station WSR36) on 25 Mar 2021. The conducted marine construction activities were noted to be with preparation nature, mostly without contact with the water and would not contribute to SS generation. No marine construction activity was conducted at the Outfall Shaft area (near to work station WSR37).		

	<p>Marine construction activities with contact with water: 1) Setting up silt curtains by lighter and divers.</p> <p>Marine vessels on 25th March 2021</p> <ul style="list-style-type: none"> • Derrick lighter x 2 • Flat-top barge x 1 • Passenger boat x 2 <p>Dominating sea current direction was found to be from Southeast to Northwest at waters to the west side of Tit Cham Chau; and from Northeast to Southwest at waters to the east side of Tit Cham Chau.</p> <p>Work stations WSR36 and WSR 37 are located at upstream and downstream direction during flood tide respectively. The SS value at upstream (5.2 mg/L) was lower than that of downstream (5.3 mg/L). Considering that no SS generating activities was conducted near the Intake and Outfall Shaft Area, there is no direct evidence indicating that the SS exceedance of WSR36 and WSR37 were related to the Project activities near the Intake Shaft Area.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.</p> <p>Conditions of the protective silt curtain at the inland water outfall was satisfactory on 25 Mar 2021.</p>
<p>Remarks</p>	<p>Current direction during mid-ebb sampling on 25 Mar 2021:</p> 

Current direction during mid-flood sampling on 25 Mar 2021:



Legend			
Speed (knot)	→	Speed (knot)	→
0-0.5	→	1.5-2.0	→
0.5-1.0	→	2.0-2.5	→
1.0-1.5	→	2.5 and above	→

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

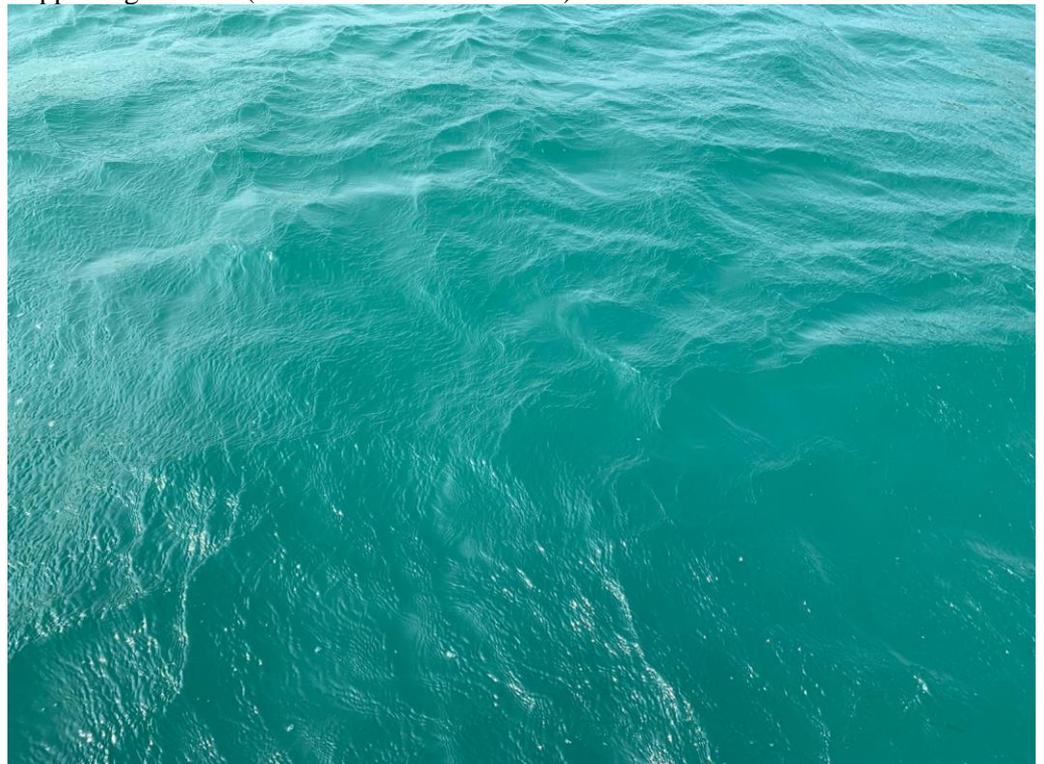
Supporting Photo 1 (Overview Photo)

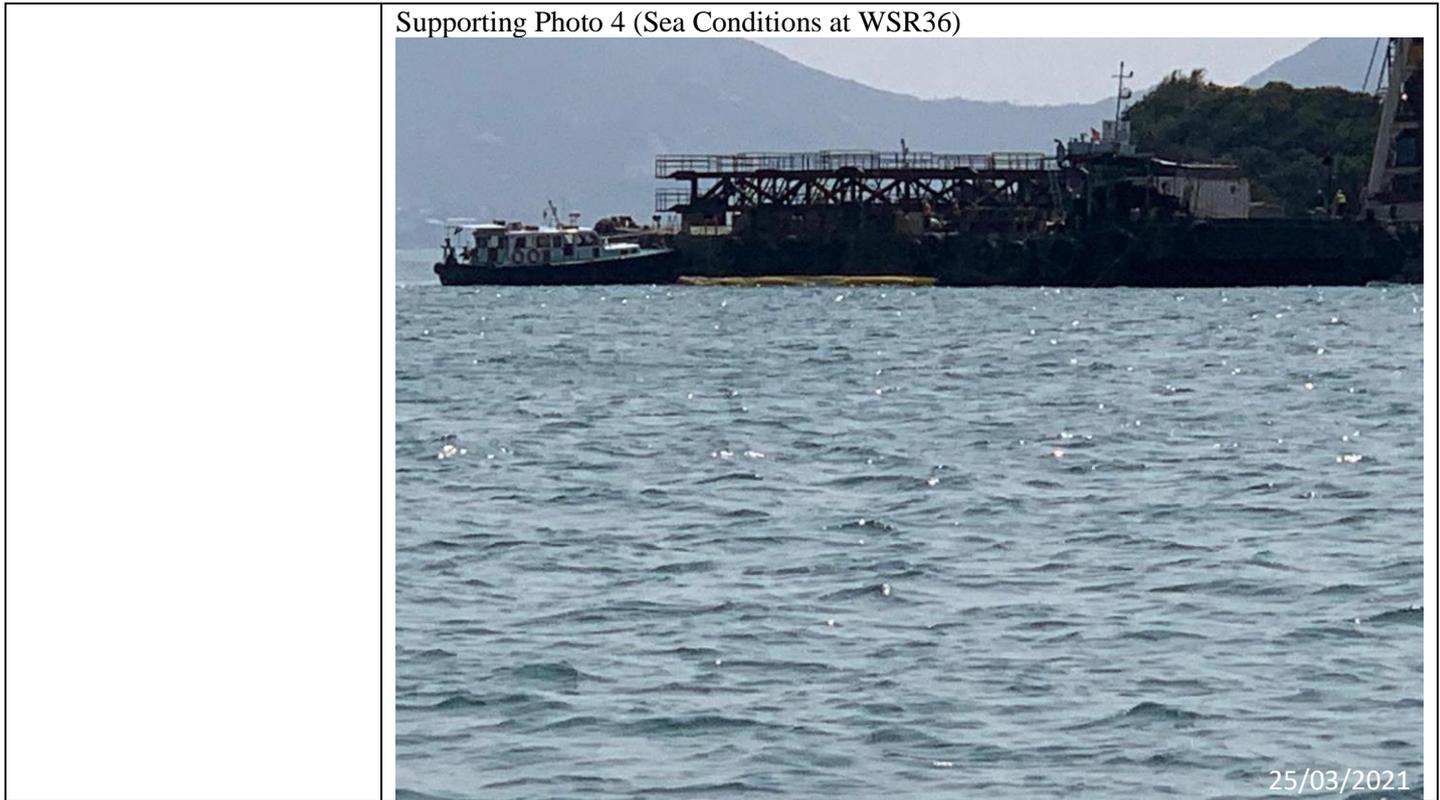


Supporting Photo 2 (Sea Conditions at WSR33)



Supporting Photo 3 (Sea Conditions at WSR37)





Prepared by	Charlene Lai
Date	9 April 2021

Work stations WSR16 and WSR 37 are located at downstream direction during flood tide. The SS value at station WSR36 (4.2 mg/L), which is the closest station to the area with marine construction activities, was lower than that of WSR16 (5.5 mg/L) and WSR37 (5.8 mg/L). Considering the SS value at station WSR36 has not exceeded the action and limit level, there is no direct evidence indicating that the SS exceedance of WSR16 and WSR37 were related to the Project activities near the Intake Shaft area.

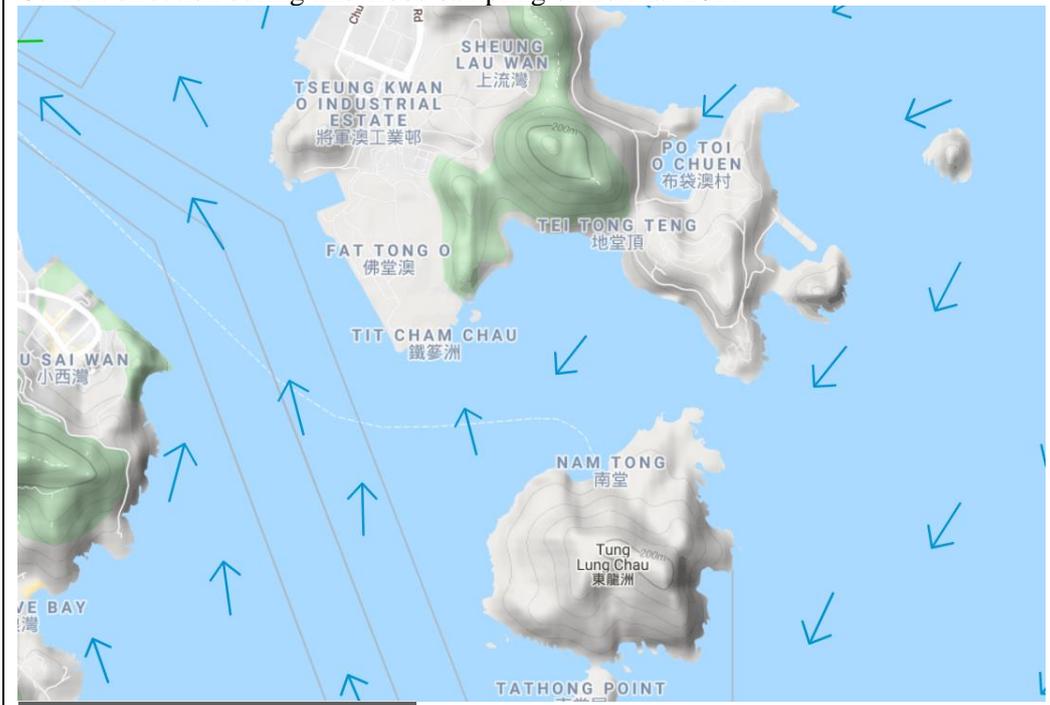
Comparing SS values during flood tide on 27/03/2021 with the identified activities on 30/03/2021 - 1) Setting up silt curtains by diver; 2) welding of pipe piles; 3) pipe piling by vibratory hammer, which may contribute to increase SS value, the SS values at WSR16 (2.5 mg/L), WSR37 (2.6 mg/L) and WSR36 (2.5 mg/L) were noticeably lower than that of 27/03/2021. Hence, the SS exceedance on 27/03/2021 may be suggested to be caused by factors other than marine construction activities of the Project.

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 27 Mar 2021.

Remarks

Current direction during mid-flood sampling on 27 Mar 2021:



Legend			
Speed (knot)	→	Speed (knot)	→
0-0.5	→	1.5-2.0	→
0.5-1.0	→	2.0-2.5	→
1.0-1.5	→	2.5 and above	→

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Supporting Photo 1 (Overview Photo)



Supporting Photo 2 (Sea Conditions at WSR36)



Supporting Photo 3 (Sea Conditions at WSR36)



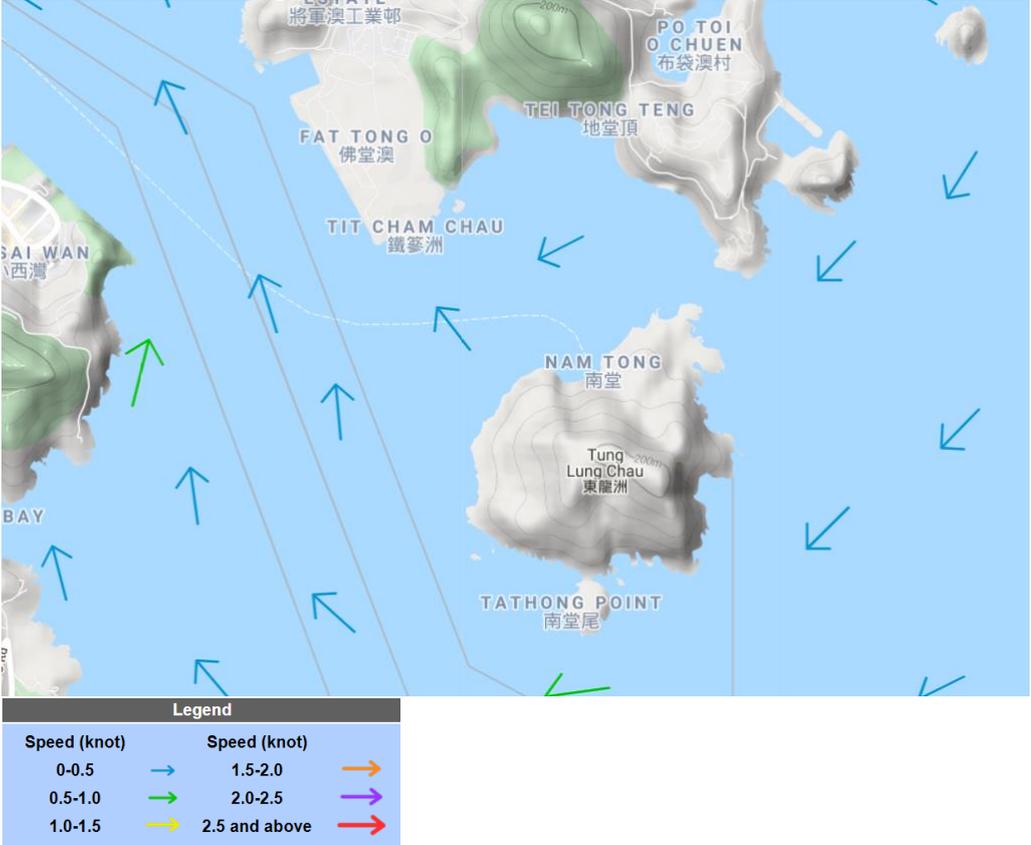
Supporting Photo 4 (Sea Conditions at WSR16)



Supporting Photo 5 (Sea Conditions at WSR37)



SS data of water monitoring on 30 Mar 2021:					
	Locations	SS (flood average)	SS (ebb average)	SS (flood exceed)	SS (ebb exceed)
	WSR1	2.5	3.4	No	No
	WSR2	2.5	2.6	No	No
	WSR3	2.5	2.5	No	No
	WSR4	2.5	2.5	No	No
(ebb control)	CE	2.7	3.2		
(flood control)	CF	2.5	2.7		
	WSR16	2.5	2.5	No	No
	WSR33	2.5	2.7	No	No
	WSR36	2.5	2.6	No	No
	WSR37	2.6	2.6	No	No
		Action level	Limit level		
	CE (ebb)	5.0	6.0		
	CF (flood)	5.0	6.0		
Prepared by	Charlene Lai				
Date	9 April 2021				

	<p>Conditions of the protective silt curtain at the inland water outfall was satisfactory on 06 April 2021.</p>
<p>Remarks</p>	<p>Current direction during mid-flood sampling on 06 April 2021:</p>  <p>(Sourced from http://current.hydro.gov.hk/en/map.html)</p> <p>Supporting Photo 1 (Overview Photo)</p> 

Supporting Photo 2 (Sea Conditions at WSR4)



Supporting Photo 3 (Sea Conditions at WSR16)



Prepared by Charlene Lai

Date 14 April 2021

Incident Report on Action Level or Limit Level Non-Compliance

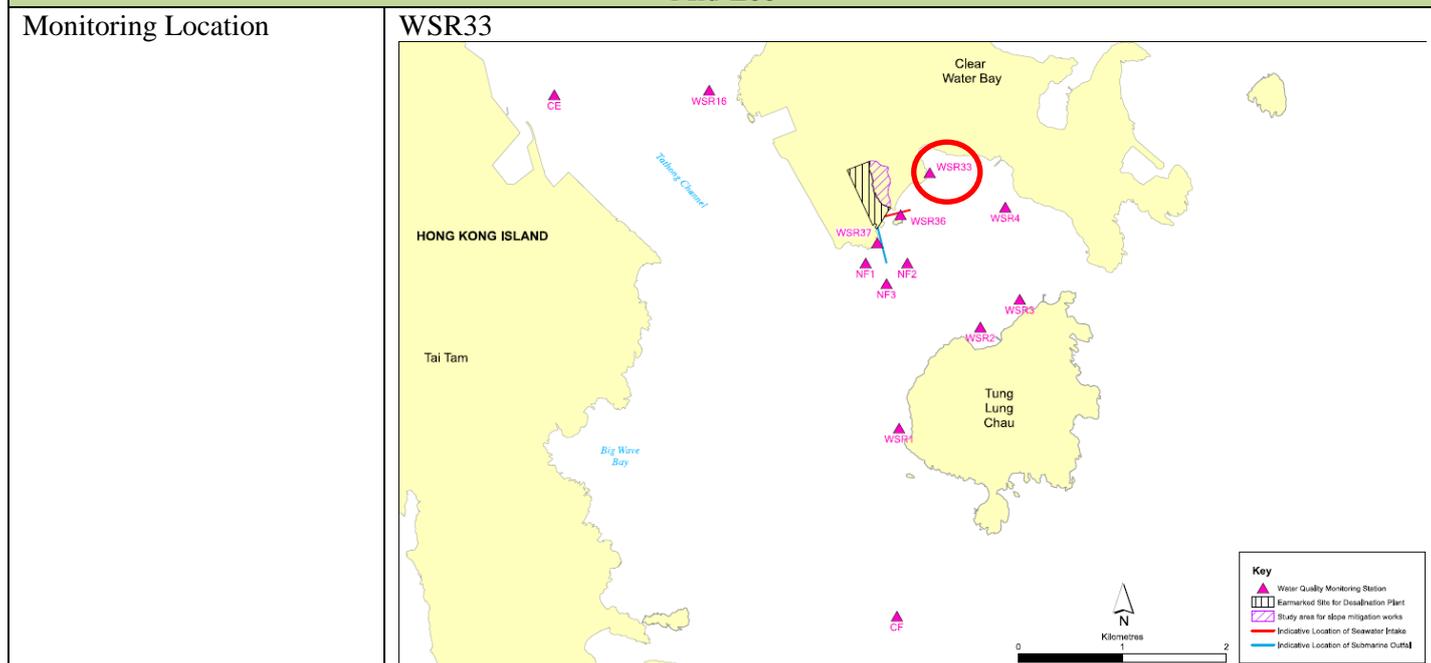
Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	13 Apr 2021 (Lab result received on 19 Apr 2021)		
Time	16:00-19:30 (Mid-Flood) and 11:30-15:00 (Mid-Ebb)		
Mid-Flood			
Monitoring Location	WSR3, WSR4, WSR33, WSR36 and WSR37		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.6 mg/L (WSR 3) 5.3 mg/L (WSR 4) 5.5 mg/L (WSR 33) 5.3 mg/L (WSR 36) 5.5 mg/L (WSR 37)	3.1 mg/L (CF)	3.8 mg/L (WSR1) 4.2 mg/L (WSR2) 4.9 mg/L (WSR16)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) seaming of silt curtain sheeting inside the hopper of derrick lighter and 2) re-anchoring of derrick lighter were conducted.</p> <p>Intake Shaft Area: marine construction activities, namely 1) material lifting & welding on temp. steel platform were conducted.</p> <p>Marine construction activities with contact with water: 1) re-anchoring of derrick lighter was conducted.</p> <p>Marine vessels on 13th April 2021:</p> <ul style="list-style-type: none"> • Derrick lighter x 1, tug boat x 1 (Outfall Shaft) • Derrick lighter x 1(Intake Shaft) <p>Dominating sea current direction was found to be from Southeast to Northwest at waters to the west side of Tit Cham Chau; and from Northeast to Southwest at waters to the east side of Tit Cham Chau.</p>		

Although the activity of re-anchoring of derrick lighter was noted on 13th April 2021 in the Outfall Shaft Area, only one derrick lighter boat was deployed near WSR37. The duration of re-anchoring would be considered as temporary and affected area would be limited. SS values of stations which were considered to be distant from the construction area (i.e. WSR3 and WSR4) have also exceeded the Action Level. The SS value of WSR3 (the furthest station) was even higher than the other stations. Hence the SS exceedance observation may be resulted from other natural factors.

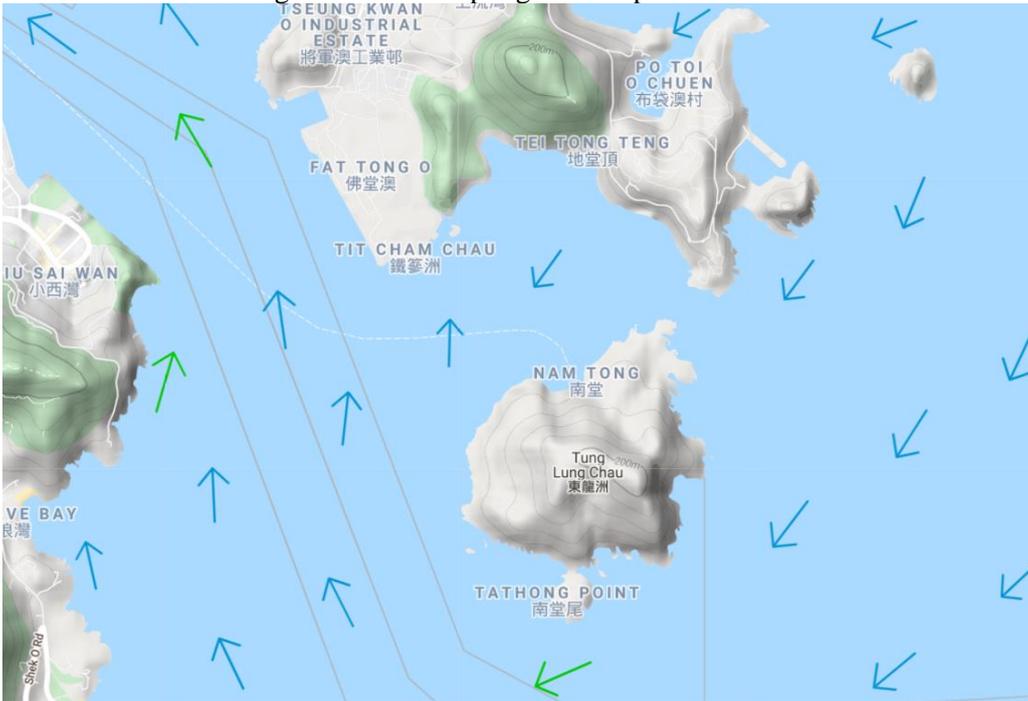
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 13 April 2021.

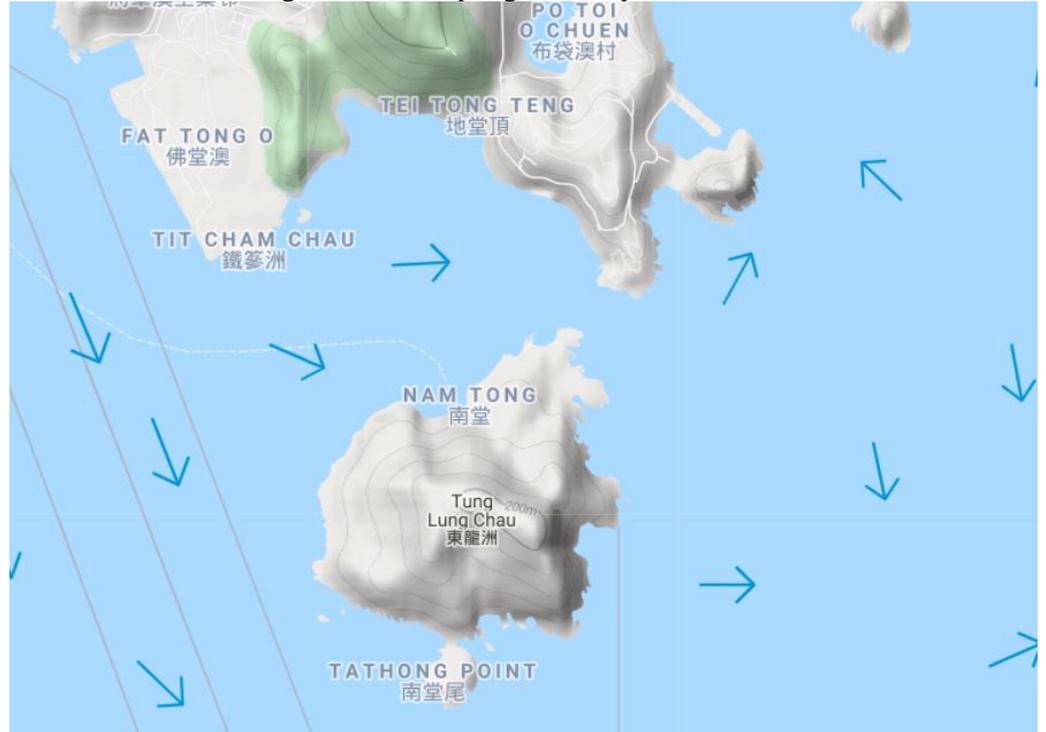
Mid-Ebb



Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.5 mg/L (WSR 33)	2.5 mg/L (CE)	2.7 mg/L (WSR1) 2.9 mg/L (WSR2) 2.6 mg/L (WSR3) 2.5 mg/L (WSR4) 2.6 mg/L (WSR16) 3.1 mg/L (WSR36) 3.0 mg/L (WSR37)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) seaming of silt curtain sheeting inside the hopper of derrick lighter and 2) re-anchoring of derrick lighter were conducted.</p> <p>Intake Shaft Area: marine construction activities, namely 1) material lifting & welding on temp. steel platform were conducted.</p>		

	<p>Marine construction activities with contact with water: 1) re-anchoring of derrick lighter was conducted.</p> <p>Marine vessels on 13th April 2021:</p> <ul style="list-style-type: none"> • Derrick lighter x 1, tug boat x 1 (Outfall Shaft) • Derrick lighter x 1(Intake Shaft) <p>Dominating sea current direction was found to be from Northwest to Southeast at waters to the west side of Tit Cham Chau; and from West to East at waters to the east side of Tit Cham Chau.</p> <p>No marine construction activities with contact with water was conducted at the Intake Shaft on 13th April 2021. Only material lifting and welding on temporary steel platform were conducted. Considering the SS level at the station (WSR37) which was nearest to the construction site with marine works was lower than station WSR33, there is no direct evidence indicating that the SS exceedance observed in station WSR33 was project related.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.</p> <p>Conditions of the protective silt curtain at the inland water outfall was satisfactory on 13 April 2021.</p>
<p>Remarks</p>	<p>Current direction during mid-flood sampling on 13 April 2021:</p> 

Current direction during mid-ebb sampling on 13 April 2021:



Legend			
Speed (knot)		Speed (knot)	
0-0.5	→	1.5-2.0	→
0.5-1.0	→	2.0-2.5	→
1.0-1.5	→	2.5 and above	→

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

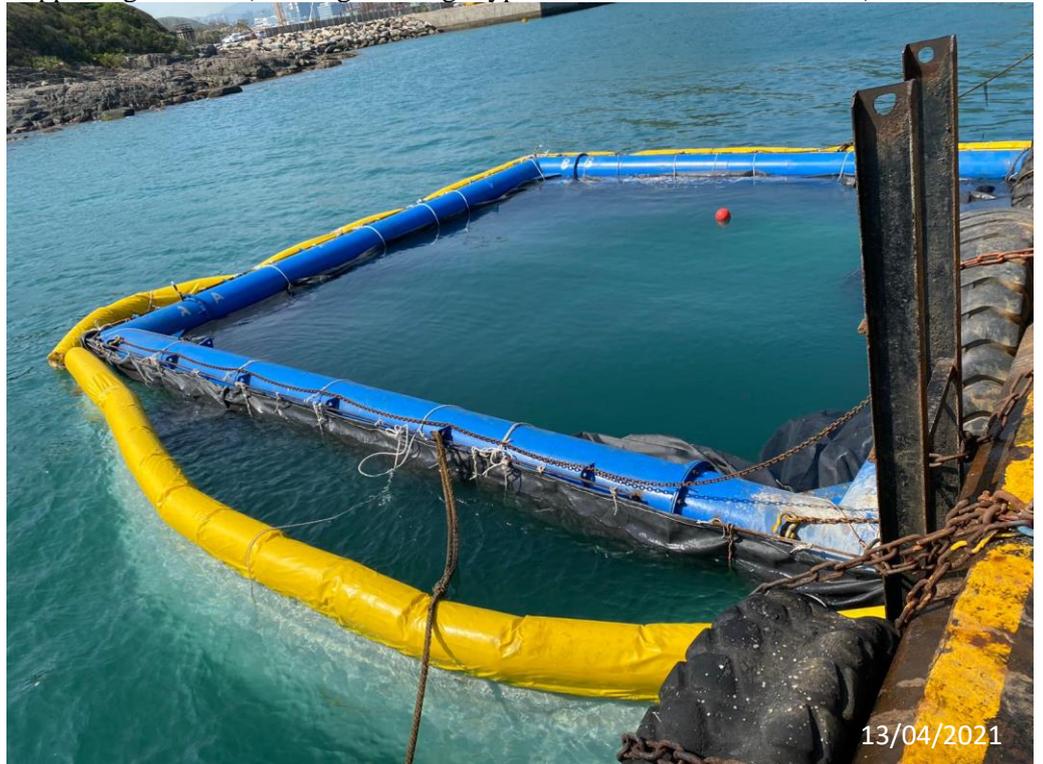
Supporting Photo 1 (Overview Photo at Intake Shaft & Derrick Lighter at Intake Shaft)



Supporting Photo 2 (Overview Photo at Outfall Shaft & Derrick Lighter with Tug Boat)



Supporting Photo 3 (Floating and Cage-type Silt Curtain at Outfall Shaft)



Prepared by Charlene Lai

Date 27 April 2021

Incident Report on Action Level or Limit Level Non-Compliance

Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	29 Apr 2021 (Lab result received on 06 May 2021)		
Time	08:00-11:30 (Mid-Flood) and 11:51-15:21 (Mid-Ebb)		
Mid-Flood			
Monitoring Location	WSR16, WSR33 and WSR36		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.4 mg/L (WSR 16) 5.3 mg/L (WSR 33) 5.3 mg/L (WSR 36)	4.1 mg/L (CF)	3.7 mg/L (WSR1) 4.9 mg/L (WSR2) 3.9 mg/L (WSR3) 4.3 mg/L (WSR4) 4.9 mg/L (WSR37)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) tidying up hull of barge, prepared for pipe pile stocking; 2) dredging of non-marine sediment by derrick barge</p> <p>Intake Shaft Area: marine construction activities, namely 1) welding on temporary steel platform by derrick barge; 2) idling of crane barge</p> <p>Marine construction activities with contact with water: 1) dredging of non-marine sediment by derrick barge.</p> <p>Marine vessels on 29th April 2021:</p> <ul style="list-style-type: none"> • Derrick lighter x 2 (Outfall Shaft) • Derrick lighter x 1, crane barge x 1 (Intake Shaft) <p>Dominating sea current direction was found to be from Southeast to Northwest at waters to the west side of Tit Cham Chau; and from Northeast to Southwest at waters to the east side of Tit Cham Chau.</p> <p>The SS value of the station closet to the working area (WSR37) was observed relatively lower (4.9 mg/L) than of the stations with SS exceedance. Whilst dredging activities could lead to high SS values, the observed results infer that dredging at Outfall Shaft</p>		

Area did not lead to the SS exceedance at WSR 16, WSR33 and WSR36. No marine construction activities with contact with water were conducted at Intake Shaft Area. Hence it is concluded that the SS exceedance was not project relevant.

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 29 April 2021.

Remarks

Current direction during mid-flood sampling on 29 April 2021:

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Supporting Photo 1 (Overview Photo at Intake Shaft)



Supporting Photo 2 (Overview Photo at Outfall Shaft)



Supporting Photo 3 (Sea Conditions at WSR33)



Supporting Photo 4 (Sea Conditions at WSR36)



	<p>Supporting Photo 5 (Sea Conditions at WSR16)</p>  <p>29/04/2021</p>
Prepared by	Charlene Lai
Date	12 May 2021

Incident Report on Action Level or Limit Level Non-Compliance

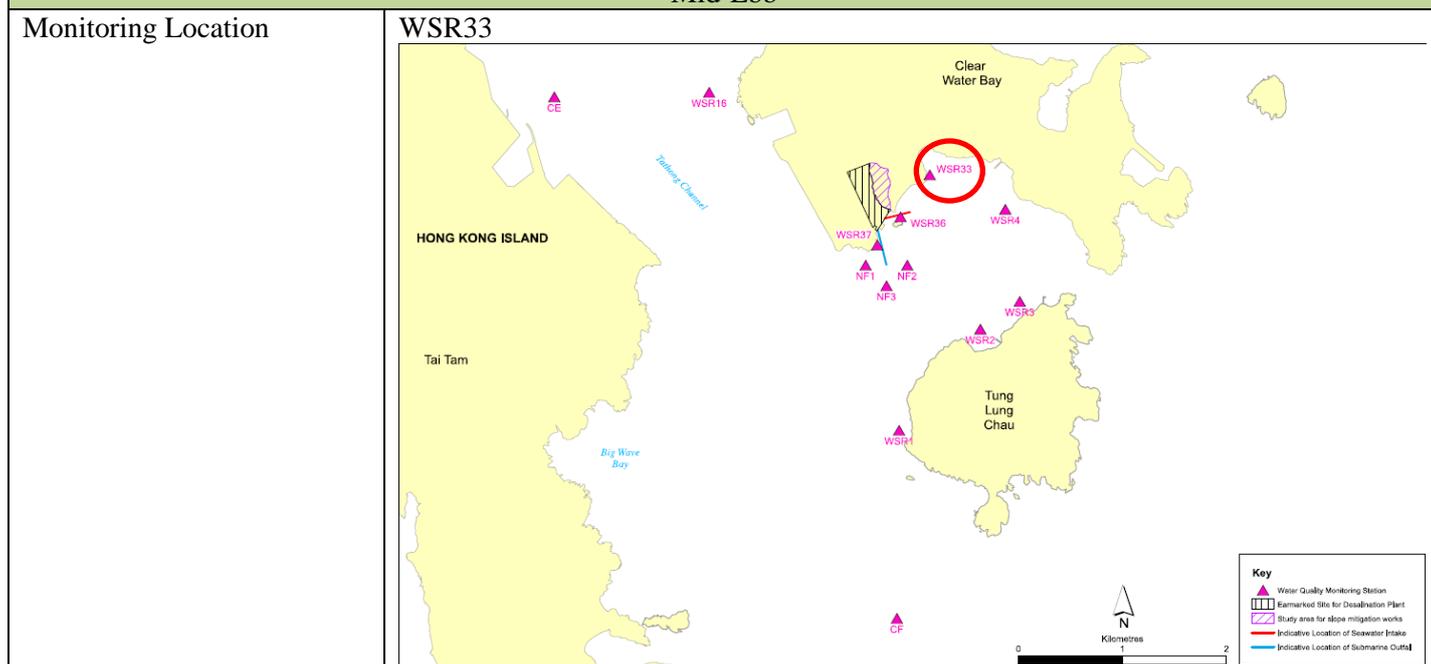
Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	11 May 2021 (Lab result received on 14 May 2021)		
Time	15:30-19:00 (Mid-Flood) and 10:31-14:01 (Mid-Ebb)		
Mid-Flood			
Monitoring Location	<p>WSR36</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.9 mg/L (WSR 36)	2.5 mg/L (CF)	2.5 mg/L (WSR1) 2.6 mg/L (WSR2) 2.9 mg/L (WSR3) 3.7 mg/L (WSR4) 3.0 mg/L (WSR16) 3.1 mg/L (WSR33) 3.1 mg/L (WSR37)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) grab dredging of non-marine sediment; 2) chiselling inside a steel casing; 3) barge re-positioning</p> <p>Intake Shaft Area: marine construction activities, namely 1) Material loading & unloading onto the steel platform; 2) preparing for the piling work</p> <p>Marine construction activities with contact with water: 1) grab dredging of non-marine sediment; 2) barge re-positioning.</p> <p>Marine vessels on 11 May 2021:</p> <ul style="list-style-type: none"> • Derrick barge x 2 (Intake Shaft) • Derrick barge x 2; tug boat x 1, anchor boat x 1 (Outfall Shaft) <p>Dominating sea current direction was found to be from Southeast to Northwest at waters to the west side of Tit Cham Chau; and from Northeast to Southwest at waters to the east side of Tit Cham Chau.</p> <p>Station WSR36 was located upstream during mid-flood tide.</p>		

No marine construction activities with contact with water were conducted at Intake Shaft Area, where the station with exceedance (WSR 36) is located. SS level for the station closest to the marine construction works (WSR37) were relatively lower (3.1 mg/L) than the station with SS exceedance. In view of the inverse relation between distance to marine works and SS level, the SS exceedance is concluded not project relevant.

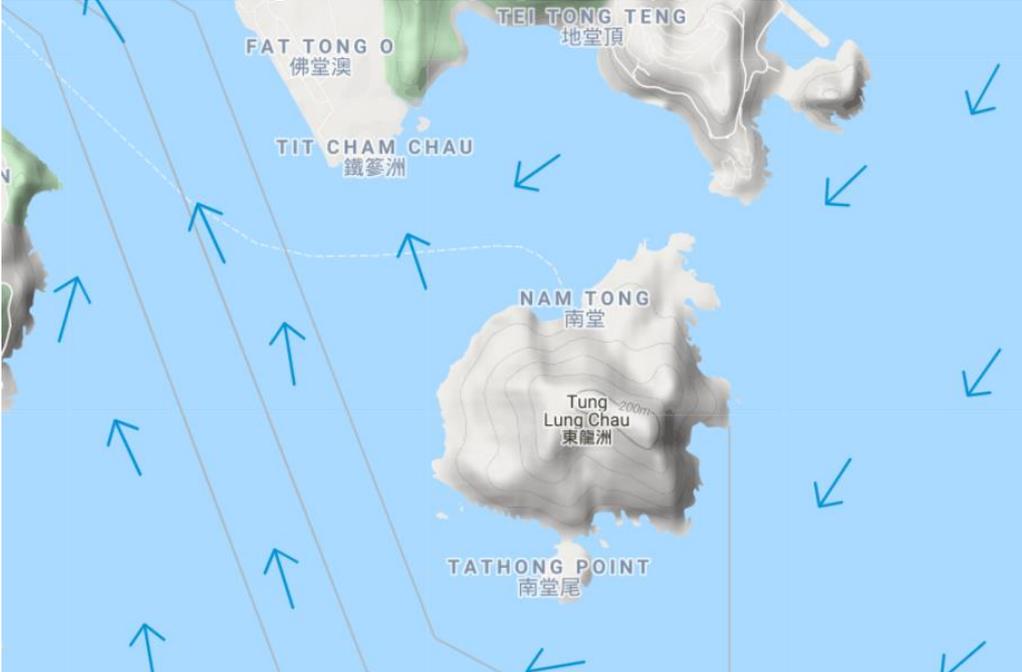
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 11 May 2021.

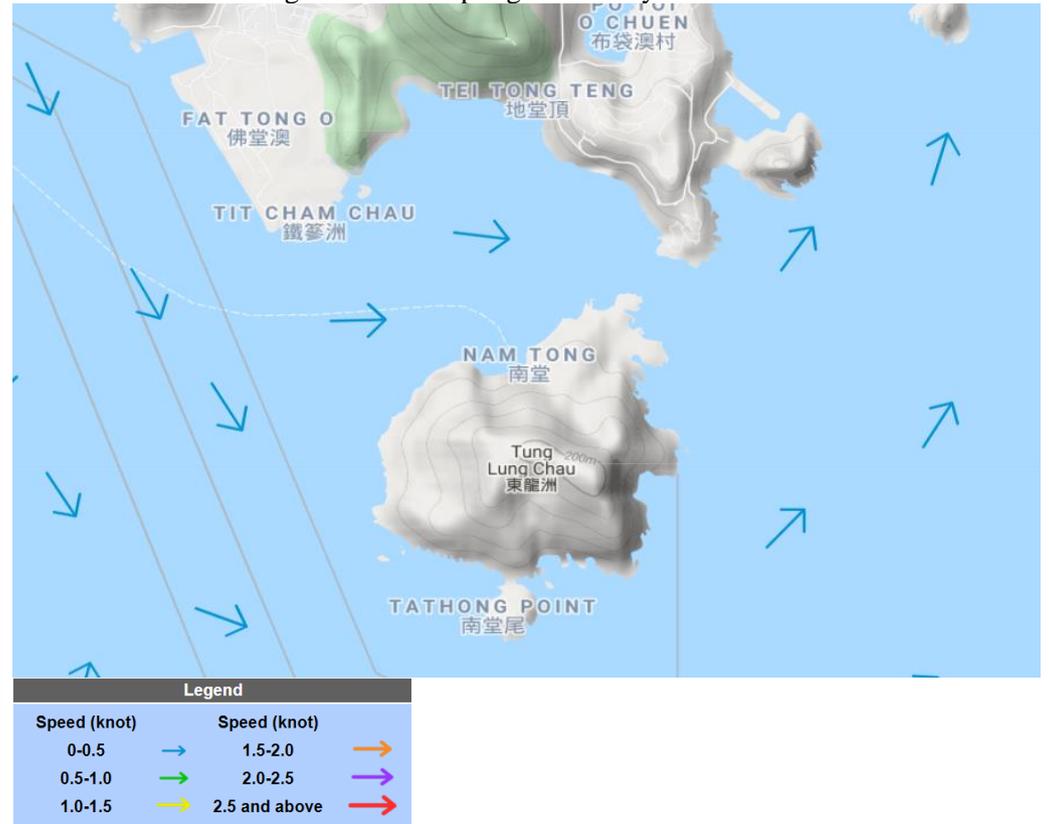
Mid-Ebb



Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.1 mg/L (WSR 33)	2.6 mg/L (CE)	2.6 mg/L (WSR1) 2.5 mg/L (WSR2) 2.5 mg/L (WSR3) 2.9 mg/L (WSR4) 3.7 mg/L (WSR16) 3.9 mg/L (WSR36) 3.5 mg/L (WSR37)
Possible reason for Action or Limit Level Non-compliance	Outfall Shaft Area: Marine construction activities, namely 1) grab dredging of non-marine sediment; 2) chiselling inside a steel casing; 3) barge re-positioning		
	Intake Shaft Area: marine construction activities, namely 1) Material loading & unloading onto the steel platform; 2) preparing for the piling work		
	Marine construction activities with contact with water: 1) grab dredging of non-marine sediment; 2) barge re-positioning.		

	<p>Marine vessels on 11th May 2021:</p> <ul style="list-style-type: none"> • Derrick barge x 2 (Intake Shaft) • Derrick barge x 2; tug boat x 1, anchor boat x 1 (Outfall Shaft) <p>Dominating sea current direction was found to be from Northwest to Southeast at waters to the west side of Tit Cham Chau; and from West to East at waters to the east side of Tit Cham Chau.</p> <p>Station WSR33 was located downstream during mid-ebb tide.</p> <p>No marine construction activities with contact with water were conducted at Intake Shaft Area. SS level for the station closest to the marine construction works (WSR37, 3.5 mg/L) and immediately downstream to the marine construction works (WSR36, 3.9 mg/L) were relatively lower than the station with SS exceedance (WSR33, 5.1 mg/L). In view of the inverse relation between distance to marine works and SS level, the SS exceedance is concluded not project relevant.</p> <p>According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.</p> <p>Conditions of the protective silt curtain at the inland water outfall was satisfactory on 11 May 2021.</p>
<p>Remarks</p>	<p>Current direction during mid-flood sampling on 11 May 2021:</p>  <p>The map displays the current directions during mid-flood sampling on 11 May 2021. It shows several islands and points: FAT TONG O (佛堂澳), TIT CHAM CHAU (鐵鑿洲), NAM TONG (南堂), Tung Lung Chau (東龍洲), and TATHONG POINT (南堂尾). Blue arrows indicate the flow of water currents. A dashed line represents the coastline or a specific boundary. The currents generally flow from the northwest towards the southeast, with some local variations around the islands.</p>

Current direction during mid-ebb sampling on 11 May 2021:



(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Supporting Photo 1 (Sea Conditions at WSR33)



Supporting Photo 2 (Sea Conditions at WSR36)



Supporting Photo 3 (Overview of Intake Shaft)



Supporting Photo 4 (Overview of Outfall Shaft)



Supporting Photo 5 (Dredging Activities at Outfall Shaft)



Prepared by Charlene Lai

Date 21 May 2021

Incident Report on Action Level or Limit Level Non-Compliance

Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	18 May 2021 (Lab result received on 21 May 2021)		
Time	08:00-11:30 (Mid-Flood) and 14:15- 17:45 (Mid-Ebb)		
Mid-Ebb			
Monitoring Location	<p>WSR4</p>		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	5.9 mg/L (WSR4)	3.6 mg/L (CE)	3.5 mg/L (WSR1) 4.7 mg/L (WSR2) 3.9 mg/L (WSR3) 4.5 mg/L (WSR16) 4.9 mg/L (WSR33) 4.7 mg/L (WSR36) 4.3 mg/L (WSR37)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) grab dredging of non-marine sediment; 2) chiselling inside a steel casing</p> <p>Intake Shaft Area: marine construction activities, namely 1) welding work inside the hopper of derrick barge, 2) survey setting out</p> <p>Marine construction activities with contact with water: 1) grab dredging of non-marine sediment</p> <p>Marine vessels on 18th May 2021:</p> <ul style="list-style-type: none"> • Derrick barge x 2 (Intake Shaft) • Derrick barge x 2 (Outfall Shaft) <p>Dominating sea current direction was found to be from Northwest to Southeast at waters to the west side of Tit Cham Chau; and from West to East at waters to the east side of Tit Cham Chau.</p> <p>Station WSR4 was located downstream during mid-ebb tide.</p>		

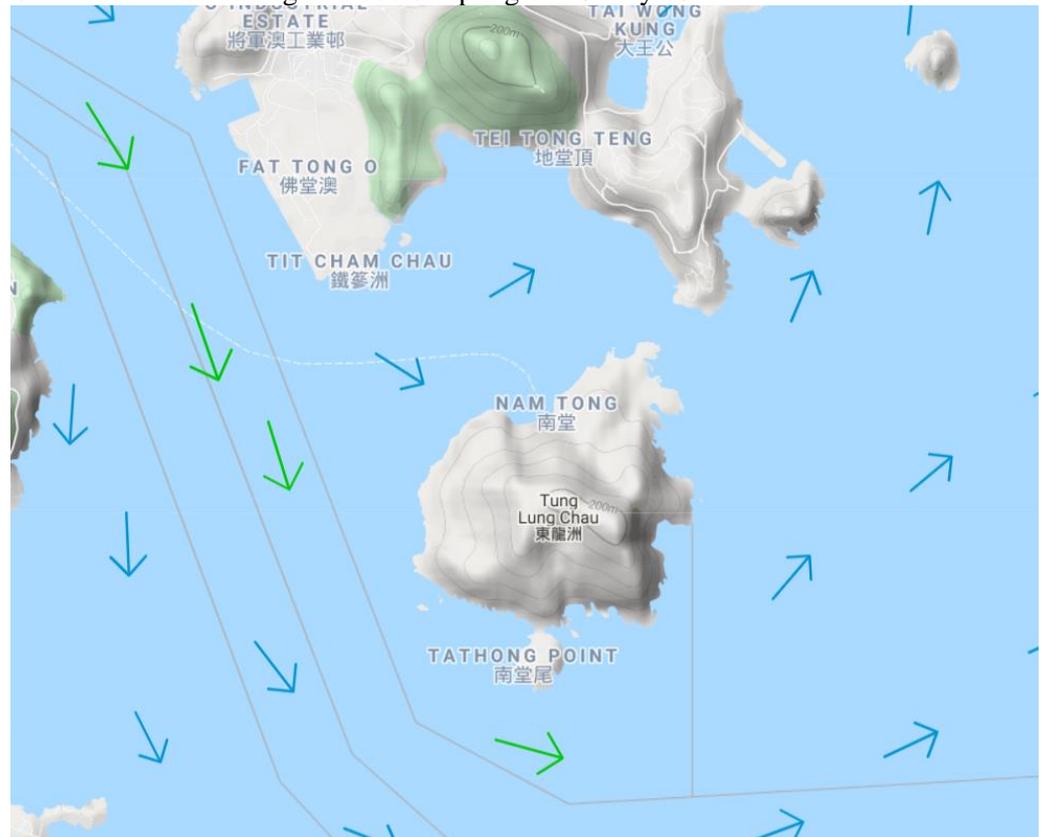
No marine construction activities with contact with water were conducted at Intake Shaft Area. SS level for the station closest to the marine construction works (WSR37, 4.3 mg/L) and immediately downstream to the marine construction works (WSR36, 4.7 mg/L) were relatively lower than the station with SS exceedance (WSR4, 5.9 mg/L). In view of the inverse relation between distance to marine works and SS level, the SS exceedance is concluded not project relevant.

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 18 May 2021.

Remarks

Current direction during mid-ebb sampling on 18 May 2021:



Legend			
Speed (knot)	Color	Speed (knot)	Color
0-0.5	Light Blue	1.5-2.0	Orange
0.5-1.0	Green	2.0-2.5	Purple
1.0-1.5	Yellow	2.5 and above	Red

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Supporting Photo 1 (Sea Conditions at WSR4)



Supporting Photo 2 (Overview of Intake Shaft)



	<p>Supporting Photo 3 (Overview of Outfall Shaft)</p>  <p>18/05/2021</p>
Prepared by	Charlene Lai
Date	28 May 2021

Incident Report on Action Level or Limit Level Non-Compliance

Project	Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant		
Date	27 May 2021 (Lab result received on 29 May 2021)		
Time	15:30-19:00 (Mid-Flood) and 11:01-14:31 (Mid-Ebb)		
Mid-Flood			
Monitoring Location	WSR3, WSR4, WSR33, WSR36, WSR37		
Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 5.0 mg/L		> 6.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	6.1 mg/L (WSR 3) 7.4 mg/L (WSR 4) 7.9 mg/L (WSR 33) 8.4 mg/L (WSR 36) 10.4 mg/L (WSR 37)	3.5 mg/L (CF) 7.1 mg/L (CE)	4.5 mg/L (WSR1) 4.7 mg/L (WSR2) 4.5 mg/L (WSR16)
Possible reason for Action or Limit Level Non-compliance	<p>Outfall Shaft Area: Marine construction activities, namely 1) grab dredging of non-marine sediment; 2) chiselling inside a steel casing</p> <p>Intake Shaft Area: marine construction activities, namely 1) Material loading & unloading onto the steel platform; 2) preparing for the piling work commencement</p> <p>Marine construction activities with contact with water: 1) grab dredging of non-marine sediment</p> <p>Marine vessels on 27 May 2021:</p> <ul style="list-style-type: none"> • Derrick barge x 2 (Intake Shaft) • Derrick barge x 2 (Outfall Shaft) <p>Dominating sea current direction was found to be from Southeast to Northwest at waters to the west side of Tit Cham Chau; and from Northeast to Southwest at waters to the east side of Tit Cham Chau.</p>		

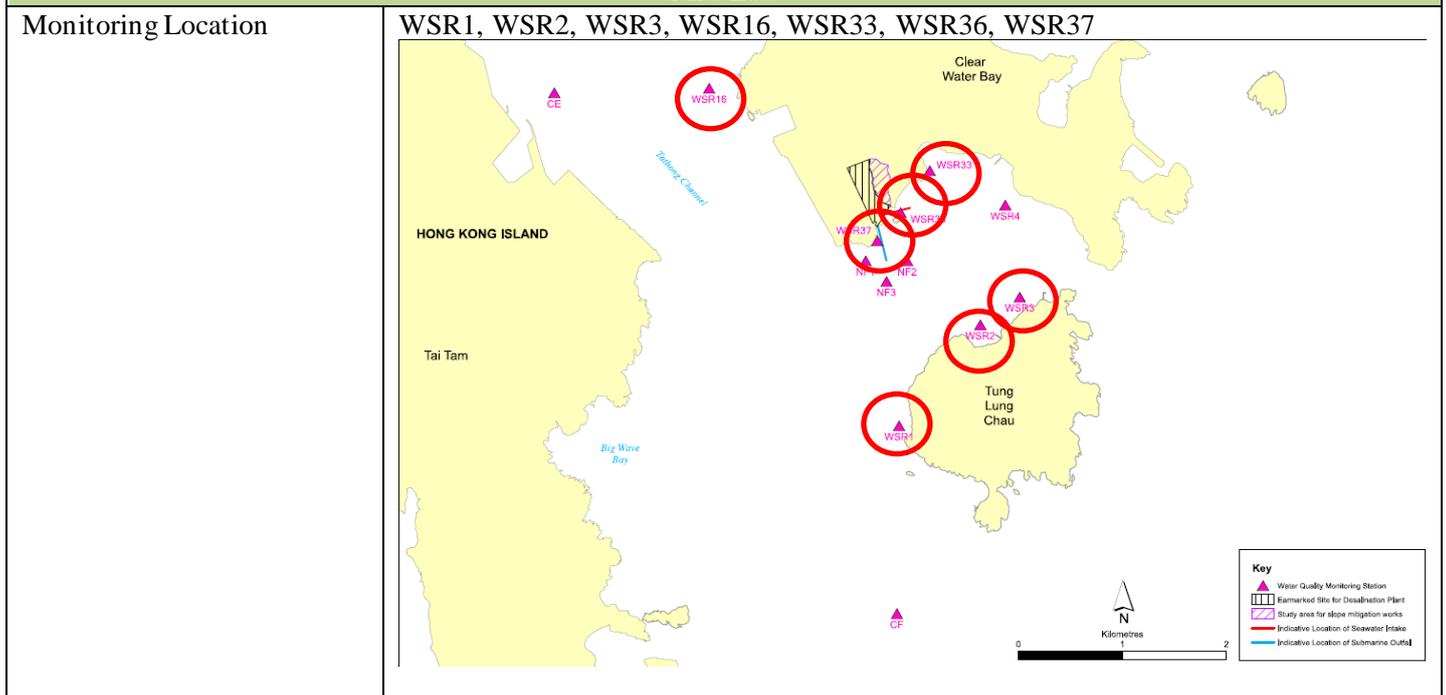
Stations locating upstream (WSR36, WSR33, WSR4, WSR3) were found with relatively high SS level (8.4 mg/L, 7.9 mg/L, 7.4 mg/L and 6.1 mg/L respectively). High SS level were also noted at control station CE (7.1 mg/L), which is considerably distant from the work station with marine construction works. the high SS level at monitoring stations at inverse or irrelevant sea current direction to the works area, natural fluctuation was a plausible reason for the SS exceedance at the multiple monitoring stations.

There was no reported marine construction works with contact with water at Intake Shaft Area.

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall and Outfall Shaft Area was satisfactory on 11 May 2021.

Mid-Ebb



Parameter	Suspended Solid (SS)		
Action & Limit Levels	Action Level		Limit Level
	> 6.4 mg/L		> 7.0 mg/L
Measurement Level	Impact Station(s) of Exceedance	Control Stations	Impact Station(s) without Exceedance
	8.1 mg/L (WSR1) 6.5 mg/L (WSR2) 7.5 mg/L (WSR3) 7.9 mg/L (WSR16) 12.2 mg/L (WSR33) 10.6 mg/L (WSR36) 12.3 mg/L (WSR37)	5.4 mg/L (CE) 10.3 mg/L (CF)	4.8 mg/L (WSR4)
Possible reason for Action or Limit Level Non-compliance	Outfall Shaft Area: Marine construction activities, namely 1) grab dredging of non-marine sediment; 2) chiselling inside a steel casing Intake Shaft Area: marine construction activities, namely 1) Material loading & unloading onto the steel platform; 2) preparing for the piling work commencement		

Marine construction activities with contact with water: 1) grab dredging of non-marine sediment

Marine vessels on 27 May 2021:

- Derrick barge x 2 (Intake Shaft)
- Derrick barge x 2 (Outfall Shaft)

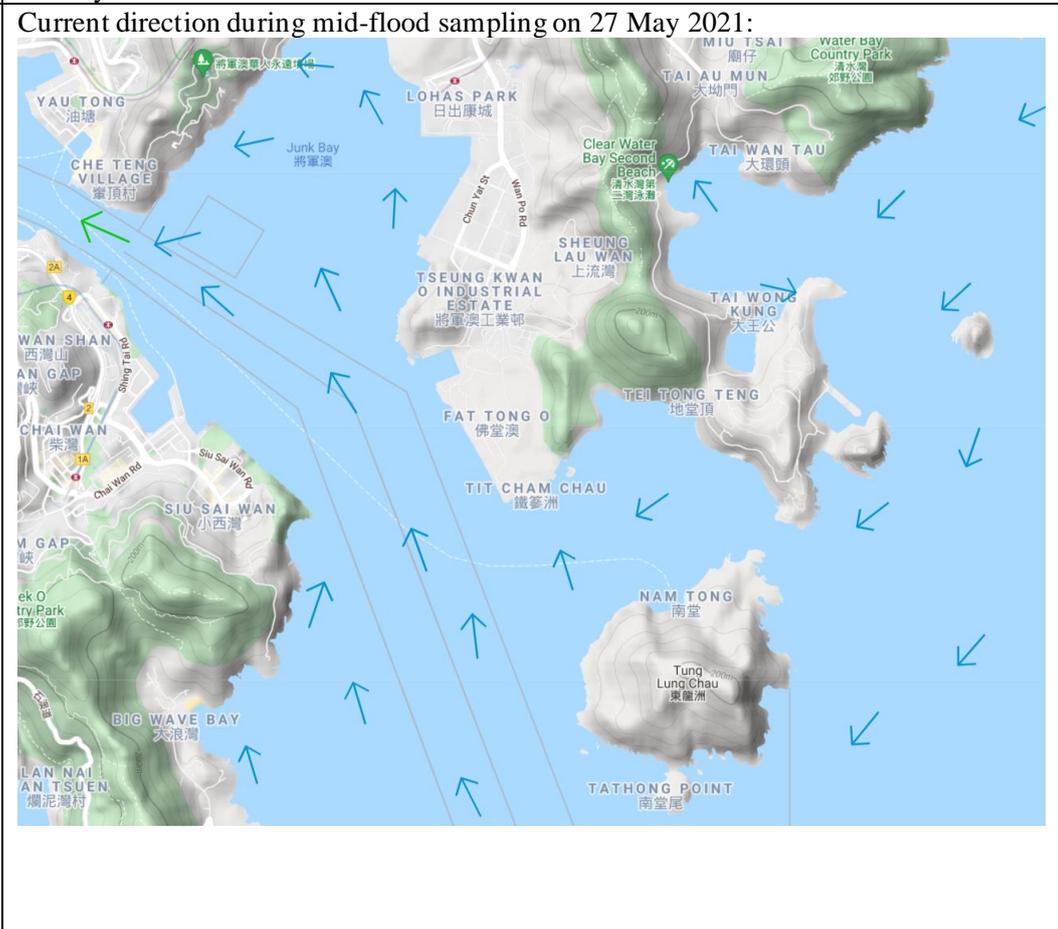
Dominating sea current direction was found to be from Northwest to Southeast at waters to the west side of Tit Cham Chau; and from West to East at waters to the east side of Tit Cham Chau.

Relatively high SS background level was observed at Control station (CF, 10.3 mg/L) and was comparable to work station with marine construction work activities (WSR37, 12.3 mg/L). Control CF is considerably distant from the construction site and the possibility of being affected by marine construction works at WSR37 was low. SS exceedance was also noted at WSR 16 (7.9 mg/L), which locates upstream during mid-ebb tide. In view of the high SS level at monitoring stations at inverse or irrelevant sea current direction to the works area, natural fluctuation was a plausible reason for the SS exceedance at the multiple monitoring stations.

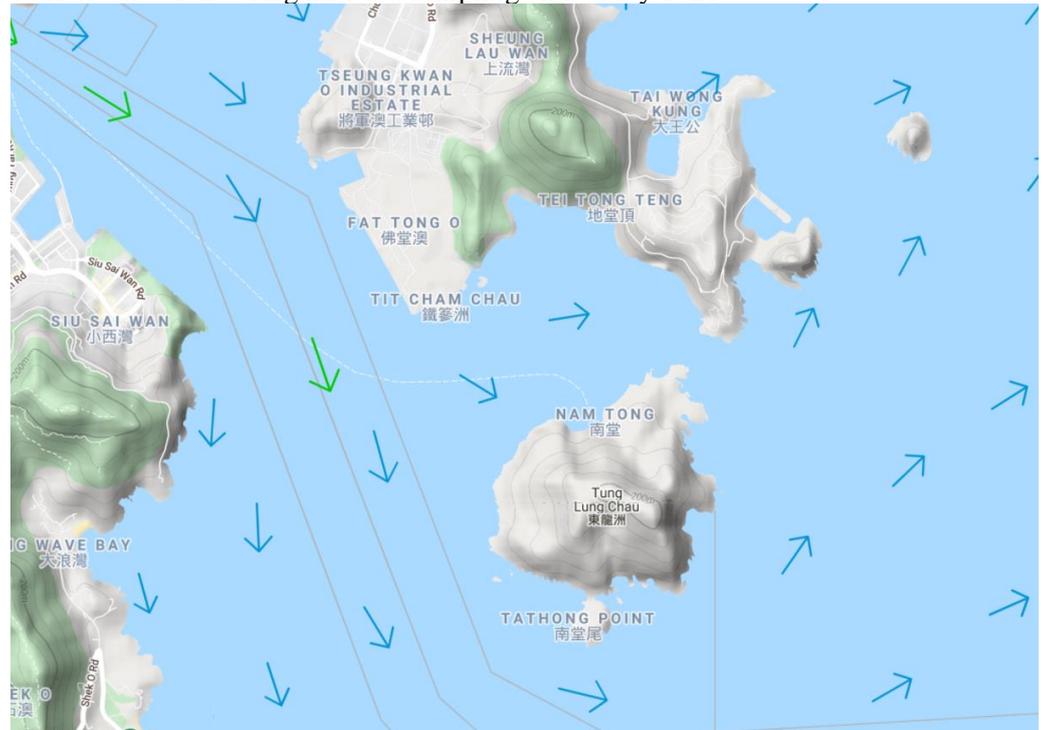
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site.

Conditions of the protective silt curtain at the inland water outfall was satisfactory on 27 May 2021.

Remarks



Current direction during mid-ebb sampling on 27 May 2021:



Legend			
Speed (knot)		Speed (knot)	
0-0.5	→	1.5-2.0	→
0.5-1.0	→	2.0-2.5	→
1.0-1.5	→	2.5 and above	→

(Sourced from <http://current.hydro.gov.hk/en/map.html>)

Supporting Photo 1 (Sea Conditions at WSR1)



Supporting Photo 2 (Sea Conditions at WSR2)



Supporting Photo 3 (Sea Conditions at WSR3)



Supporting Photo 4 (Sea Conditions at WSR4)



Supporting Photo 5 (Sea Conditions at WSR16)



Supporting Photo 6 (Sea Conditions at WSR33)



Supporting Photo 7 (Sea Conditions at WSR36)



Supporting Photo 8 (Sea Conditions at WSR37)



Supporting Photo 9 (Sea Conditions at CF)



Supporting Photo 10 (Sea Conditions at CE)



Supporting Photo 11 (Overview Photo of Intake Shaft Area)



	<p>Supporting Photo 12 (Sea Conditions at Outfall Shaft Area)</p>  <p>2021年5月27日 上午9:18:52</p>
Prepared by	Charlene Lai
Date	04 June 2021