

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1 Monthly EM&A Report No.56



KEPPEL SEGHERS - ZHEN HUA JOINT VENTURE

Monthly EM&A Report No.56 (Period from 1 February to 28 February 2023)

(Clause 3.3, Further Environmental Permit FEP-01/429/2012/A)

KSZHJV	1	312	1	Monthly EM&A	1	0056	1	Α
Issuer		Project Code		Type of Document	Π	Sequential No.		Revision
								Index

Document No.

	Prepared by:	Certified by:	Verified by:
Name	Joe Ho	F.C. Tsang	Mandy To
Position	Environmental Team	Environmental Team Leader	Independent Environmental Checker
Signature	A	Haffeld and	Mandy 2.
Date:	3/3/2023	13 March 2023	13 March 2023

© This document contains confidential and proprietary information belonging to Keppel Seghers - Zhen Hua Joint Venture and/or its affiliates. The contents of this document shall not be used for any other purpose than that for which they were provided. Any disclosure, copying, distribution or the taking of any action in reliance on the contents of this document is strictly prohibited. This document confers upon the recipient no right or license of whatsoever nature based on the information as described herein. If you have received this document in error, please immediately arrange for the return to Keppel Seghers - Zhen Hua Joint Venture or destruction of this document.

Revision History

Rev.	DESCRIPTION OF MODIFICATION	DATE
A	First Submission	14 March 2023

CONTENTS

1.	Basic Project Information	7
2.	Marine Water Quality Monitoring	. 17
3.	Noise Monitoring	. 28
4.	Waste	. 35
5.	Coral	. 37
6.	Marine Mammal	. 43
7.	White-Bellied Sea Eagle	. 59
	Summary of Monitoring Exceedance, Complaints, Notification of mons and Prosecutions	63
9.	EM&A Site Inspection	. 67
10.	Future Key Issues	. 69
11.	Conclusion and Recommendations	. 70

Appendix A	Master Programme
Appendix B	Summary of Implementation Status of Environmental Mitigation
Appendix C	Impact Monitoring Schedule of the Reporting Month
Appendix D	Water Quality Monitoring Data
Appendix E	HOKLAS Laboratory Certificate
Appendix F	Water Quality Equipment Calibration Certificate
Appendix G	Event/ Action Plan for Water Quality Exceedance
Appendix H	Noise Monitoring Equipment Calibration Certificate
Appendix I	Event/Action Plan for Noise Exceedance
Appendix J	Noise Monitoring Data
Appendix K	Waste Flow Table
Appendix L	Event/Action Plan for Coral Monitoring
Appendix M	Event/Action Plan for White-bellied Sea Eagle Monitoring
Appendix N	Exceedance Report
Appendix O	Complaint Log
Appendix P	Impact Monitoring Schedule of Next Reporting Month

EXECUTIVE SUMMARY

Introduction

- A1. The Project, Integrated Waste Management Facility (IWMF), is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO) and is currently governed by a Further Environmental Permit (FEP No. FEP-01/429/2012/A) for the construction and operation of the Project.
- A2. In accordance with the Updated 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 56th Monthly EM&A Report, prepared by ASCL, for the Project summarizing the monitoring results and audit findings of the EM&A programme at and around Shek Kwu Chau (SKC) during the reporting period from 1 February to 28 February 2023.

Summary of Main Works Undertaken & Key Mitigation Measures Implemented

- A4. Key activities carried out in this reporting period for the Project included the following:
 - Reclamation Area:
 - Reclamation works
 - Installation of Instrumentation
 - Site Investigation works for foundation
 - Foundation works (including Driven H Pile and Socketed H Pile)
 - Pile cap construction
 - Structural steel work
 - Seawall Portion:
 - Installation of Chinese Pod
 - Caisson extension works, from +3mPD to +6mPD, at Seawall A and B
 - Construction of wave wall along the vertical seawall
- A5. The key environmental mitigation measures implemented for the Project in this reporting period associated with the construction activities include:
 - Reduction of noise from equipment and machinery on-site;
 - Sorting, recycling, storage and disposal of general refuse and construction waste;
 - Management of chemicals and avoidance of oil spillage on-site;
 - Confirmation of the absence of silt content in the rock filling material and the filling work is properly conducted;
 - Dust suppression measures for exposed earth surface and stockpile of dusty material; and

• Site runoff control measure during rainstorm.

Summary of Exceedance & Investigation & Follow-up

- A6. The EM&A works for water quality, construction waste, marine mammal and White-Bellied Sea Eagle (WBSE) were conducted during the reporting period in accordance with the Updated EM&A Manual.
- A7. No exceedance of the Action or Limit Levels in relation to noise, construction waste and WBSE was recorded in the reporting month.
- A8. The derived Action/Limit Levels for dry seasons as listed on Table 2.8 was applied in the reporting month.
- A9. During the reporting period, four (4) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Action Level and five (5) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level. Investigations were carried out for each exceedance during the reporting period.
- A10. Weekly site inspections of the construction work by ET were carried out on 07, 14, 23 and 28 February 2023 to audit the mitigation measures implementation status. Monthly joint site inspection was carried out on 14 February 2023 by ET and IEC. Observations were recorded in the site inspection checklists and provided to the contractors together with the appropriate follow-up actions where necessary.

Complaint Handling and Prosecution

- A11. No project-related environmental complaint was received during the reporting period.
- A12. Neither notifications of summons nor prosecution was received for the Project.

Reporting Change

A13. There was no change to be reported that may affect the on-going EM&A programme.

Summary of Upcoming Key Issues and Key Mitigation Measures

- A14. Key activities anticipated in the next reporting period for the Project will include the following:
 - Reclamation Area:
 - Installation of Instrumentation
 - Site Investigation works for foundation
 - Foundation works (including Driven H Pile and Socketed H Pile)
 - Pile cap construction
 - Structural steel work
 - Seawall Portion:
 - Caisson extension works, from +3mPD to +6mPD, at Seawall A and B

- Construction of wave wall along the vertical seawall
- A15. The key environmental mitigation measures for the Project in the coming reporting period associated with the construction activities will include:
 - Reduction of noise from equipment and machinery on-site;
 - Sorting, recycling, storage and disposal of general refuse and construction waste;
 - Management of chemicals and avoidance of oil spillage on-site, especially under heavy rains and adverse weather;
 - Dust control of exposed soil surface and stockpile of dusty material at reclaimed area;
 - Dust suppression measures for exposed earth surface and stockpile of dusty material;
 - Site runoff control measure during construction works; and
 - Dust and noise control of foundation works.

1. BASIC PROJECT INFORMATION

1.1 Background

- 1.1.1 The Government of Hong Kong SAR will develop the Integrated Waste Management Facilities (IWMF) Phase 1 (hereafter "the Project") with incineration to achieve substantial bulk reduction of unavoidable municipal solid waste (MSW) and to recover energy from the incineration process. The IWMF will be on an artificial island to be formed by reclamation at the south-western coast of Shek Kwu Chau. Keppel Seghers Zhen Hua Joint Venture (KSZHJV) was awarded the contract under Contract No. EP/SP/66/12 Integrated Waste Management Facilities Phase 1 to construct and operate the Project.
- 1.1.2 An environmental impact assessment (EIA) study for the Project has been conducted and the EIA Report was approved under the Environmental Impact Assessment Ordinance on 17 January 2012. An Environmental Permit (EP) (EP No.: EP-429/2012) was granted to EPD on 19 January 2012 for the construction and operation of the Project. Subsequently, the EP was amended (EP No.: EP-429/2012/A) and a further EP (FEP) (EP No.: FEP-01/429/2012/A) was granted to the Keppel Seghers – Zhen Hua Joint Venture (KSZHJV) on 27 December 2017.
- 1.1.3 A further EP (FEP) (EP No.: FEP-02/429/2012/A) on Submarine Cable for the Development of the Project was granted to CLP Power Hong Kong Limited (CLP) on 17 January 2020.
- 1.1.4 The key design and construction elements of the Project include the Design and the Works including but not limited to the design, engineering procurement, construction, testing and commissioning of the Facility including:
 - Ground Treatment works;
 - Seawall and Breakwater construction;
 - Non-dredged Reclamation;
 - Other Marine works and Harbour and Port Facilities;
 - Site formation;
 - Municipal Solid Waste (MSW) Treatment Processes;
 - Energy Recovery for Power Generation and Surplus Electricity export;
 - Wastewater treatment process;
 - Desalination and water treatment process;
 - Civil works;
 - Building and Structural works;
 - Electrical and Mechanical works;
 - Building Services;
 - Architectural and Landscaping works; and
 - All other design and works required for the operation and maintenance of the Facility according to the Contract requirements.

1.1.5 The location of the IWMF near Shek Kwu Chau (SKC) and general layout of IWMF are shown in **Figure 1.1** and **Figure 1.2** respectively.

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1 Monthly EM&A Report No.56

Keppel Seghers – Zhen Hua Joint Venture

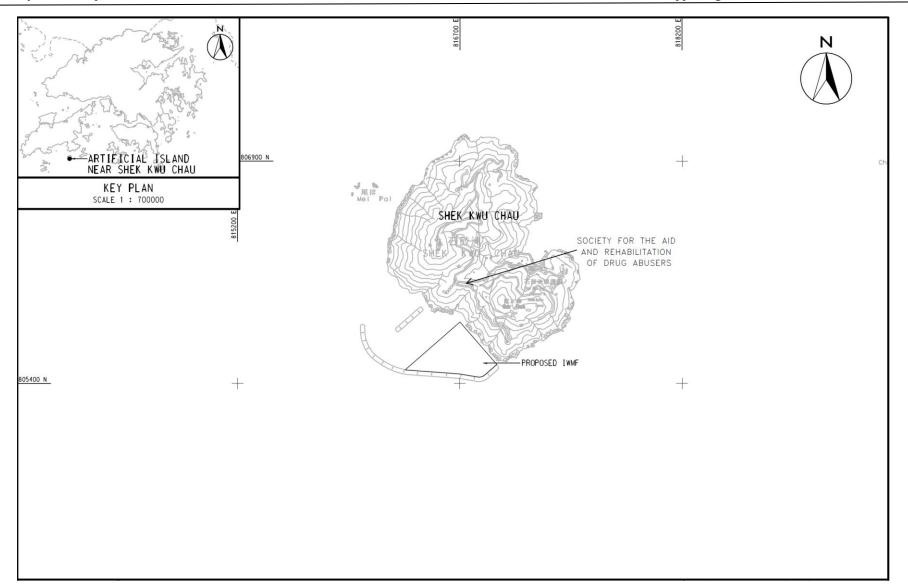


Figure 1.1 Location of the IWMF at the Artificial Island near SKC

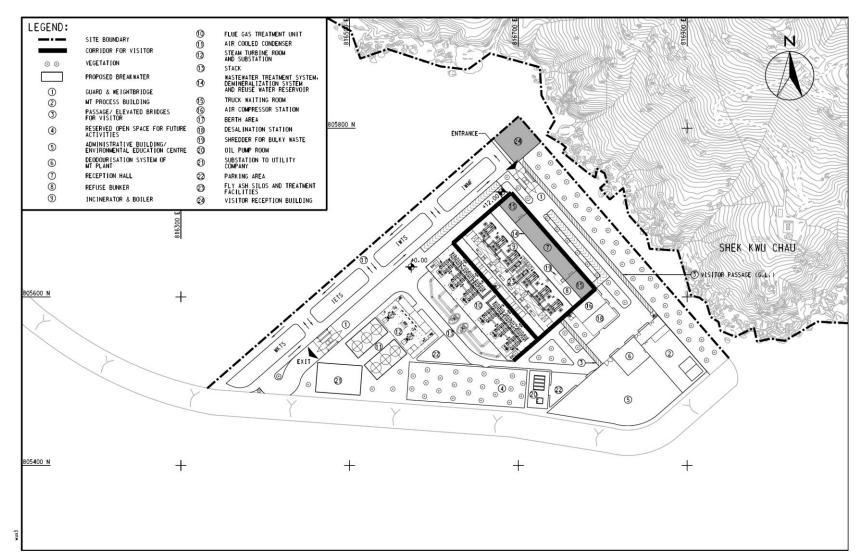


Figure 1.2 General Layout of the IWMF at the Artificial Island near SKC

1.2 The Reporting Scope

- 1.2.1 This is the 56th Monthly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 February 2023 to 28 February 2023.
- 1.3 Project Organization
- 1.3.1 The Project Organization structure for Construction Phase is presented in **Figure 1.3**.

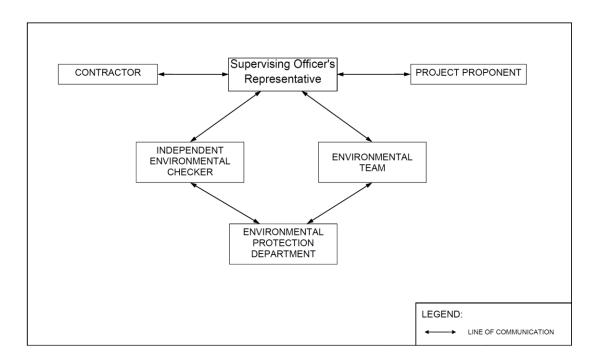


Figure 1.3 Project Organization Chart

1.3.2 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.
Keppel Seghers – Zhen Hua Joint Venture	Project Manager	Peter Chung	2192-0603
Acuity Sustainability Consulting Limited	Environmental Team Leader	F.C. Tsang	2698-6833
ERM-Hong Kong, Limited	Independent Environmental Checker	Mandy To	2271-3000

1.4 Summary of Construction Works

1.4.1 Details of the major construction activities undertaken in this reporting period are shown in **Table 1.2** and **Figure 1.4** below. The construction programme is presented in **Appendix A**.

 Table 1.2 Summary of the Construction Activities Undertaken during the Reporting Month

Location of works	Construction activities undertaken	Remarks on progress
Reclamation area	Reclamation works	Completed
	• Installation of Instrumentation	On-going
	• Site Investigation works for foundation	• On-going
	• Foundation works (including Driven H Pile and Socketed H Pile)	• On-going
	• Pile cap construction	On-going
	• Structural steel work	• On-going
Seawall portion	Installation of Chinese Pod	• Substantially completed
	• Caisson extension works, from +3mPD to +6mPD, at Seawall A and B	On-going
	• Construction of wave wall along the vertical seawall	• On-going

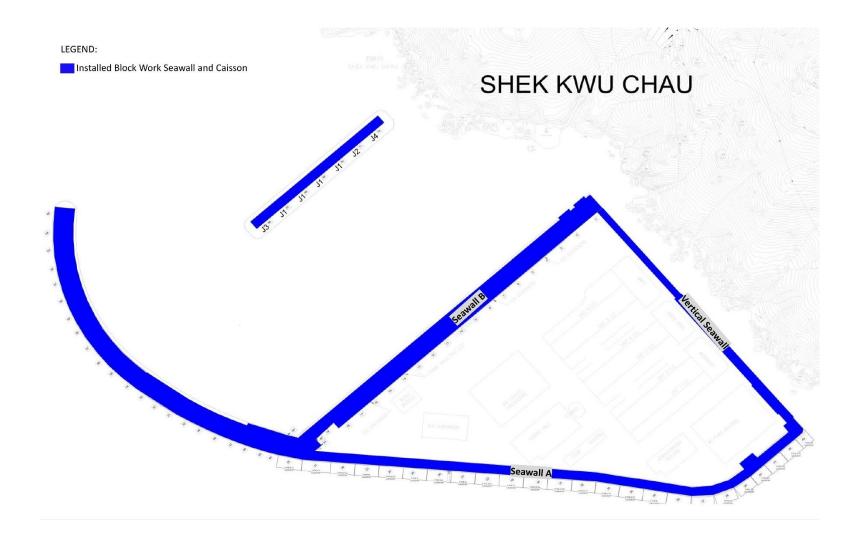


Figure 1.4 Location of Major Construction Activities Undertaken during the Reporting Month

1.5 Summary of Environmental Status

1.5.1 A summary of the valid permits, licences, and /or notifications on environmental protection for this Project is presented in **Table 1.3**

Table 1.3 Summary of the Status of Valid Environmental Licence, Notification, Permit and Documentations

Permit/ Licences/	Reference	Validity	Remarks
Notification		Period	
Variation of	EP-429/2012/A	Throughout	
Environmental Permit		the Contract	
Further	FEP-01/429/2012/A	Throughout	
Environmental Permit		the Contract	
Notification of	Ref No.: 428778	15/12/2017 -	
Construction Works		22/09/2024	
under the Air			
Pollution Control			
(Construction Dust)			
Regulation (Form			
NA)			
Wastewater Discharge	WT00039438-2021	15/02/2022 -	
Licence		28/02/2027	
Chemical Waste	WPN0017-933-K3301-	Throughout	
Producer Registration	01	the Contract	
	WPN5213-961-K3301-	Throughout	
	02	the Contract	
	WPN5296-839-K3301-	Throughout	
	03	the Contract	
Construction Noise	GW-RS0032-23	20/01/2023-	Portion 1, 1A & 1B
Permit (24 hours)		17/07/2023	(Superseded by GW-
			RS0032-23 on
			27/02/2023)
Construction Noise	GW-RS0152-23	27/02/2023-	Portion 1, 1A & 1B
Permit (24 hours)		26/08/2023	(Superseded by GW-
			RS0032-23 on
			20/01/2023)
Construction Noise	PP-RS0019-22	07/11/2022-	Portion 1
Permit (Percussive		05/05/2023	
piling)			
Billing Account for	A/C No.:7029768	Throughout	
Disposal of		the Contract	
Construction Waste			

1.5.2 The status for all environmental aspects is presented in Table 1.4.

Parameters	Status
Water Quality	
Baseline Monitoring under Updated EM&A Manual and Detailed Plan on DCM	The baseline water quality monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under FEP Condition 3.4
Impact Monitoring	On-going
Post DCM Monitoring	All DCM was completed on 14 October 2020, regular DCM monitoring for further 4 weeks (i.e form 16 October 2020 to 14 November 2020) was completed according to the approved Detailed Plan on Deep Cement Mixing
Initial Intensive DCM Monitoring	Conducted from 11 February 2019 to 10 March 2019, had not been resumed since there was no DCM related parameter exceeding the AL/LL.
Baseline Water Quality of wet season	Completed over 13 August 2018 to 7 September 2018
Noise	
Baseline Monitoring	The baseline noise monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under FEP Condition 3.4
Impact Monitoring	On-going
Waste Management	r
Mitigation Measures in Waste Monitoring Plan	On-going
Coral	
Pre-translocation Survey and Coral Mapping	The Coral Translocation Plan was submitted and approved by EPD under EP Condition 2.12
Coral Translocation	Completed on 28 March 2018
Post-Translocation Coral Monitoring	Survey affected by missing of translocated and tagged coral colonies after typhoons in September 2018, completed on 28 March 2019.
Pre-construction Coral Survey and Tagging	Completed on 26 June 2018
Tagged Coral Monitoring	Survey obstructed due to missing of tagged coral colonies after typhoons in September 2018
Coral Survey and Re- tagging	Re-tagging at Indirect Impact Site was conducted on 23 November and Re-tagging at Control Site was conducted on 3 December 2018.
Post Re-tagging Coral Monitoring	On-going
Marine Mammal	
Vessel-based Line-transect	The baseline marine mammal monitoring result has been
Survey Baseline Monitoring	reported in Baseline Monitoring Report and submitted to EPD under FEP Condition 3.4
Vessel-based Line-transect Survey Impact Monitoring	On-going
Land-based Theodolite Tracking	30 days of theodolite surveys were started on 21 Feb 2019 and completed in May 2019.
Passive Acoustic Monitoring	30 days of PAM surveys were started on 1 May 2019 and completed by the end of May 2019.

Table 1.4 Summary of Status for Key Environmental Aspects under the UpdatedEM&A Manual

Parameters	Status
White-bellied Sea Eagle	
Baseline Monitoring	The baseline WBSE monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under FEP Condition 3.4
Impact Monitoring	On-going, since the incubation activity was stopped on 23 February 2023and no chick was observed, the frequency of impact monitoring will changed to twice per month in March 2023.
Environmental Audit	
Site Inspection covering Measures of Air Quality, Noise Impact, Water Quality, Waste, Ecological Quality, Fisheries, Landscape and Visual	On-going
Mitigation Measures in Marine Mammal Watching Plan (MMWP)	Installation of caisson No.19 was completed on 18 March 2021, which the reclamation area had been totally enclosed by permanent structure. Floating type silt curtain at marine access was removed on 18 March 2021. No enclosed area shall be formed by deployment of silt curtain for the remaining works programme.
Mitigation Measures in Detailed Monitoring Programme on Finless Porpoise (DMPFP)	Installation of caisson No.19 was completed on 18 March 2021, which the reclamation area had been totally enclosed by permanent structure. Floating type silt curtain at marine access was removed on 18 March 2021. No enclosed area shall be formed by deployment of silt curtain for the remaining works programme.
Mitigation Measures in Vessel Travel Details	On-going
Daily Site Audit and Monitoring for Dredging Work	Completed

- 1.5.3 Other than the EM&A work by ET, environmental briefings, trainings and regular environmental management meetings were conducted, in order to enhance environmental awareness and closely monitor the environmental performance of the contractors.
- 1.5.4 The EM&A programme has been implemented in accordance with the recommendations presented in the approved EIA Report and the Updated 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 B**.

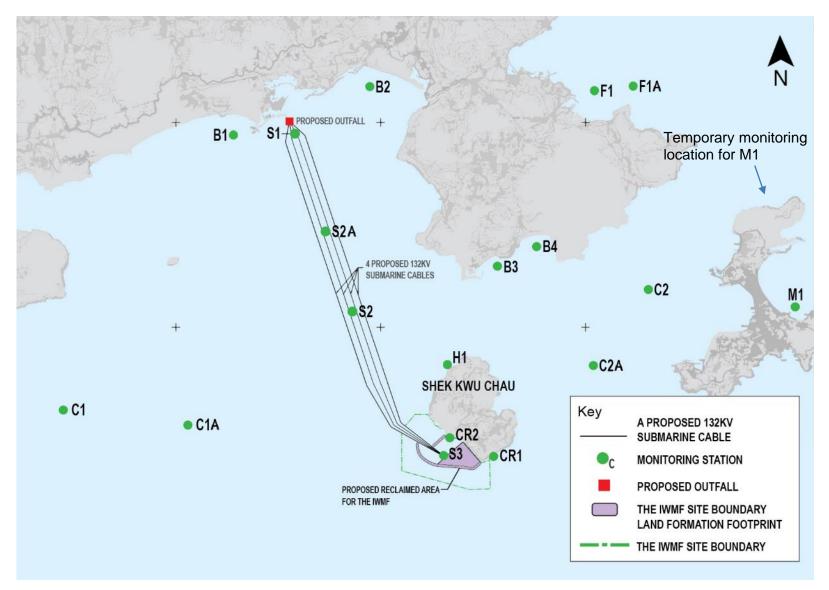
2. MARINE WATER QUALITY MONITORING

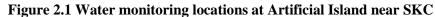
- 2.1 Water Quality Requirements
- 2.1.1 To ensure no adverse water quality impact, water quality monitoring is recommended to be carried out at the nearby water sensitive receivers (WSRs) during construction phase including proposed reclamation, breakwater construction, etc.
- 2.1.2 In accordance with the Updated EM&A Manual, impact water quality monitoring were conducted 3 days per week at mid-flood and mid-ebb tide to obtain impact water quality levels at the eleven monitoring stations during general water quality monitoring for the reporting period.
- 2.2 Water Quality Parameters, Time, Frequency
- 2.2.1 Dissolved Oxygen (DO), Turbidity, Suspended Solids (SS), Salinity and pH have been undertaken at the eleven monitoring stations during general water quality monitoring.
- 2.2.2 DO, temperature, salinity, turbidity and pH have been measured in-situ and the SS, has been assayed in a HOKLAS laboratory.
- 2.2.3 In associate with the water quality parameters, other relevant data were also measured, such as monitoring location/position, time, water depth, sampling depth, tidal stages, weather conditions and any special phenomena or work underway nearby were also recorded. The monitoring schedule is provided in **Appendix C**.
- 2.2.4 Impact water quality monitoring was conducted 3 days per week in the reporting period. All parameters were monitored during mid-flood and mid-ebb tides at three water depths for general water quality monitoring. The interval between two sets of monitoring has not been less than 36 hours.
- 2.2.5 **Table 2.1** summarizes the monitoring parameters, frequency and duration of the impact water quality monitoring during construction phase.

Parameter, unit	Frequency	No. of Depths	
 Water Depth (m) Temperature (°C) Salinity (ppt) pH (pH unit) Dissolved Oxygen (DO) (mg/L and % of saturation) Turbidity (NTU) Suspended Solids (SS), mg/L 	General water quality monitoring : 3 days per week, at mid-flood and mid-ebb tides	 3 water depths: 1m below sea surface, mid-depth and 1m above sea bed. If the water depth is less than 3m, mid-depth sampling only. If water depth less than 6m, mid-depth may be omitted. 	

Table 2.1 Water Quality Monitoring Parameters, Frequency and Duration

- 2.3 Water Quality Monitoring Locations
- 2.3.1 Impact water quality monitoring was conducted at eleven monitoring locations (B1-B4, H1, C1, C2, F1, CR1, CR2 & M1) during general water quality monitoring in the reporting period as shown in **Figure 2.1**. As per the relocation proposal verified by IEC and approved by EPD, the monitoring location C1, C2, S2, F1 are relocated at C1A, C2A, S2A, F1A as equivalent points respectively to clear up the concerns from stakeholders.





2.3.2 B1 to B4 are located at 4 beaches respectively at the southern shore of Lantau Island. Monitoring station H1 is located at the horseshoe crab habitat at northern SKC, while CR1 and CR2 are located at the coral communities at southwestern shore of SKC. Monitoring station F1 is located at the Cheung Sha Wan Fish Culture Zone while monitoring station M1 is located at Tung Wan at Cheung Chau. Monitoring station F1A is relocated for F1 at the Cheung Sha Wan Fish Culture Zone. S1, S2 and S3 are located at the northern landing site, midway and southern landing site of the proposed submarine cable, respectively. S2A is the relocated monitoring station of S2 which represents the midway landing site of the proposed submarine cable. S1, S2/S2A and S3 are required for monitoring due to the laying of submarine cable. Control stations C1 and C2 at far field locations are for comparison. Control stations C1A and C2A are relocated for C1 and C2 respectively as equivalent far field locations for comparison.

2.3.3 Fourteen monitoring stations are listed in **Table 2.2**.

Monitoring station	Description	Easting	Northing
B1	Beach – Cheung Sha Lower	813342	810316
B2	Beach – Pui O	815340	811025
B3	Beach – Yi Long Wan	817210	808395
B4	Beach – Tai Long Wan	817784	808682
H1	Horseshoe Crab – Shek Kwu Chau	816477	806953
C1	Control Station (note i)	810850	806288
C1A	Relocated Control Station	812823	806300
C2	Control Station (note ii)	819421	808053
C2A	Relocated Control Station	818869	806808
F1	Cheung Sha Wan Fish Culture Zone (note iii)	818631	810966
F1A	Cheung Sha Wan Fish Culture Zone	819109	810924
S1	Submarine Cable Landing Site	814245	810335
S2	Submarine Cable (note iv)	815076	807747
S2A	Submarine Cable	814808	808515
\$3	Submarine Cable Landing Site	816420	805621
CR1	Coral	817144	805597
CR2	Coral	816512	805882
M1	Tung Wan	821572	807799

Table 2.2 – Locations of Marine Water Quality Stations

Note:

i. Relocated to C1A in Mar 2019

ii. Relocated to C2A in Mar 2019

iii. Relocated to S2A in Mar 2019

iv. Relocated to F1A in Mar 2019

- 2.4 Impact Monitoring Methodology
- 2.4.1 General water quality monitoring was conducted three days per week, at mid-flood and mid-ebb tides, at the designated water quality monitoring stations during the reporting period.
- 2.4.2 The interval between 2 sets of monitoring was not less than 36 hours. Sampling was collected at three water depths, namely, 1m below water surface, mid-depth and 1m above seabed, except where the water depth is less than 6m, the mid-depth was omitted. If the water depth was less than 3m, only the mid-depth station was monitored.
- 2.4.3 All observations and results were presented in **Appendix D**. Duplicate in-situ measurements and water sampling were carried out in each sampling event. The monitoring probes were retrieved out of water after the first measurement and then redeployed for the second measurement. When the difference in value between the first and second readings of DO or turbidity is more than 25% of the value of the first reading, the reading would be discarded and further readings would be taken.

In-situ Measurement

2.4.4 Levels of DO, pH, temperature, turbidity and salinity would be measured in-situ by portable and weatherproof measuring instrument, e.g. YSI ProDSS and Horiba U-53 Multiparameter complete with cable and sensor. (Refer to http://www.ysi.com/ProDSS for YSI ProDSS technical specification and https://static.horiba.com/fileadmin/Horiba/Products/Process and Environmental/Wat er_Pollution/Instruction_Manuals/U-50/U-50_SS_E.pdf for Horiba U-53 technical specification). Water current velocity and water current direction would be measured by portable and weatherproof current meter, e.g. SonTek Hydrosurveyor (Refer to https://www.sontek.com/hydrosurveyor for SonTek Hydrosurveyor M9 technical specification). Parameters measured by in-situ measurement is tabulated in Table 2.3

Parameter	Resolution	Range
Temperature	0.1 °C	-5-70 °C
Dissolved Oxygen (DO)	0.01 mg/L	0-50.0 mg/L
Turbidity	0.1 NTU	0-1000 NTU
pH	pH 0.01	pH 0-14
Salinity	0.01 ppt	0-40 ppt
Water Current Velocity	0.001m/s	±20m/s
Water Current Direction	$\pm 1^{\circ}$	$\pm 2^{ m o}$

Laboratory Analysis

2.4.5 Analysis of SS shall be carried out in a HOKLAS accredited laboratory, as shown in **Appendix E**. Sufficient water samples shall be collected at the monitoring stations for carrying out the laboratory determinations. The determination work shall be started within 24 hours after collection of the water samples. Analytical methods and detection limits for SS is presented in **Table 2.4**.

Table 2.4 – Analytical Methods Applied to Water Quality Samples

Parameter	Analytical method	Detection Level	
Suspended Solids, SS	APHA 2540 D ⁱ	1 mg/L	

Footnote:

"APHA 2540 D" stands for American Public Health Association Standard Methods for the Examination of Water and Wastewater, 23rd Edition.

Field Log

- 2.4.6 Other relevant data was recorded, such as: monitoring location / position, time, water depth, weather conditions and any special phenomena underway near the monitoring station.
- 2.5 Monitoring Equipment
- 2.5.1 Equipment used in the impact water quality monitoring programme is summarized in **Table 2.5** below. Calibration certificates for the water quality monitoring equipment are attached in **Appendix F**.

Table 2.5 Impact Water Quality Monitoring Equipment

Monitored Parameter	Equipment	Brand and Model
DO, Temperature, Salinity,	Multi-functional Meter	Horiba U-53
pH and Turbidity		YSI ProDSS Multi Parameter
Coordinates	Positioning Equipment	Garmin GPSMAP 78s
Water depth	Water Depth Detector	Hummingbird 160 Portable
SS	Water Sampler	Wildco 2 L Water Sampler
		with messenger

2.5.2 Dissolved Oxygen and Temperature Measuring Equipment

The instrument is a portable and weatherproof DO probe mounted on the multifunctional meter complete with cable and sensor and is powered by a DC supply source. The equipment was capable of measuring:

- A DO level in the range of 0 50 mg/L; and
- Temperature of -5 70 degree Celsius.

2.5.3 Turbidity Measurement Instrument

The instrument is a portable and weatherproof turbidity-measuring probe mounted on the multi-functional meter and is powered by a DC supply source. The instrument is equipped with a photoelectric sensor which is capable of measuring turbidity between 0 - 1000 NTU.

2.5.4 pH Measurement Instrument

The probe consists of a potentiometer, a glass electrode, a reference electrode and a temperature-compensating device mounted on the multi-functional meter. It is readable to 0.1 pH in a range of 0 to 14. Standard buffer solutions of at least pH 7 and pH 10 were used for calibration of the instrument before and after use.

2.5.5 Salinity Measurement Instrument

A portable salinometer mounted on the multi-functional meter capable of measuring salinity in the range of 0-40 parts per thousand (ppt) was provided for measuring salinity of the water at each monitoring location.

2.5.6 Sampler

The water sampler comprises a transparent PVC cylinder, with a capacity of not less than 2 litres, which can be effectively sealed with latex cups at both ends. The sampler has a positive latching system to keep it open and prevent premature closure until released by a messenger when the sampler is at the selected water depth.

2.5.7 Sample Containers and Storage

Water samples for SS were stored in high density polythene bottles with no preservative added, packed in ice (cooled to 4°C without being frozen) and delivered to the laboratory and analysed as soon as possible after collection. Sufficient volume of samples was collected to achieve the detection limit stated in **Table 2.4**.

2.5.8 Water Depth Detector

A portable, battery-operated echo sounder was used for the determination of water depth at each designated monitoring station. This unit could either be hand-held or affixed to the bottom of the work boat, if the same vessel is to be used throughout the monitoring programme.

2.5.9 Monitoring Position Equipment

Hand-held digital Differential Global Positioning System (DGPS) with way point bearing indication and Radio Technical Commission for maritime (RTCM) Type 16 error message 'screen pop-up' facilities (for real-time auto-display of error messages and DGPS corrections from the Hong Kong Hydrographic Office) was provided and used to ensure that the water sampling locations were correct during the water quality monitoring work.

- 2.6 Maintenance and Calibration
- 2.6.1 The multi-functional meters were checked and calibrated before use. Multi-functional meters were certified by a laboratory accredited under HOKLAS or any other international accreditation scheme, and subsequently re-calibrated at three monthly intervals throughout all stages of the water quality monitoring. Responses of sensors and electrodes were checked with certified standard solutions before each use. Wet bulb calibration for a DO meter was carried out before commencement of monitoring and after completion of all measurements each day. Calibration was not conducted at each monitoring location as daily calibration is adequate for the type of DO meter employed.
- 2.6.2 Sufficient stocks of spare parts were provided and maintained for replacements when necessary. Backup monitoring equipment was prepared for uninterrupted monitoring during equipment maintenance or calibration during monitoring.

2.7 Action and Limit Levels

2.7.1 The Action and Limit Levels have been set based on the derivation criteria specified in the Updated EM&A Manual and Detailed DCM Plan, as shown in **Table 2.6** below.

Parameters	Action	Limit					
Construction Pl	Construction Phase Impact Monitoring						
DO in mg/L	\leq 5 %-ile of baseline data	≤ 4					
SS in mg/L	\geq 95 %-ile of baseline data or 120% of control station's SS at the same tide of the same day of measurement, whichever is higher	\geq 99 %-ile of baseline data or 130% of control station's SS at the same tide of the same day of measurement, whichever is higher					
Turbidity in NTU	\geq 95 %-ile of baseline data or 120% of control station's turbidity at the same tide of the same day of measurement, whichever is higher	\geq 99 %-ile of baseline data or 130% of control station's turbidity at the same tide of the same day of measurement, whichever is higher					
Temperature in°C	1.8°C above the temperature recorded at representative control station at the same tide of the same day	2°C above the temperature recorded at representative control station at the same tide of the same day					

Table 2.6 Criteria of Action and Limit Levels for Water Quality

2.7.2 Based on the baseline monitoring data and the derivation criteria specified above, the Action/Limit Levels have been derived and are presented in **Table 2.7** and **Table 2.8** for both dry seasons (October – March) and wet seasons (April – September).

Parameters	Action	Limit
Construction Pha	ase Impact Monitoring	
DO in mg/L	≤ 7.13	\leq 4
SS in mg/L	\geq 8 or 120% of control station's SS at the same tide of the same day of measurement, whichever is higher	\geq 10 or 130% of control station's SS at the same tide of the same day of measurement, whichever is higher
Turbidity in NTU	\geq 5.6 or 120% of control station's turbidity at the same tide of the same day of measurement, whichever is higher	\geq 12.8 or 130% of control station's turbidity at the same tide of the same day of measurement, whichever is higher
Temperature in°C	1.8°C above the temperature recorded at representative control station at the same tide of the same day	2°C above the temperature recorded at representative control station at the same tide of the same day

Table 2.7 Derived Action and Limit Levels for	r Water Quality Monitoring (Dry S	Season)
Tuble 2.7 Derived Retion and Emitt Devels for	i water Quanty momenting (Dry C	<i>cason</i>

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 and Salinity, non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

Parameters Action		Limit					
Construction Pha	Construction Phase Impact Monitoring						
DO in mg/L	\leq 5.28	\leq 4					
SS in mg/L	\geq 12 or 120% of control station's SS at the same tide of the same day of measurement, whichever is higher	\geq 14 or 130% of control station's SS at the same tide of the same day of measurement, whichever is higher					
Turbidity in NTU	\geq 4.0 or 120% of control station's turbidity at the same tide of the same day of measurement, whichever is higher	\geq 4.3 or 130% of control station's turbidity at the same tide of the same day of measurement, whichever is higher					
Temperature in°C	1.8°C above the temperature recorded at representative control station at the same tide of the same day	2°C above the temperature recorded at representative control station at the same tide of the same day					

Table 2.8 Derived Action and Limit Levels for Wate	r Ouality (Wet Season)
Tuble 2.0 Derried Renon and Emilie Developion water	

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 and Salinity, non-compliance of the water quality limits occurs when monitoring result is higher than

the limits.

- 2.7.3 If exceedances were found during water quality monitoring, the actions in accordance with the Event and Action Plan shall be carried out according to **Appendix G**.
- 2.8 Monitoring Results and Observations
- 2.8.1 As confirmed by the Contractor on 14 October 2020, all DCM works was completed on 14 October 2020, the post DCM water quality monitoring was completed for further 4 weeks (i.e. from 16 October 2020 to 14 November 2020) according to the approved Detailed Plan on Deep Cement Mixing. As all DCM work and post DCM water quality monitoring were completed, no water quality monitoring was conducted at S1, S2A and S3 during the reporting period. General water quality monitoring at all the eleven monitoring stations were conducted on 3, 5, 7, 9, 11, 14, 16, 18, 20, 22, 24 and 27 February 2023 during the reporting period.
- 2.8.2 Monitoring results of 6 key parameters: Salinity, DO, turbidity, SS, pH and temperature in this reporting period, are summarized in **Table 2.9**, and details are presented in **Appendix D**.

		Parameters						
Locations		Salinity (ppt)	Dissolved Oxygen (mg/L)		рН	Turbidity	Suspended	Temp.(°C)
			Surface & Middle	Bottom	r	(NTU)	Solids (mg/L)	1 ()
	Avg.	32.74	8.89	8.89	8.27	3.2	4.58	21.1
B1	Min.	31.37	8.21	8.28	8.08	2.2	2.50	20.4
	Max.	33.87	9.67	9.61	8.39	5.4	14.00	22.3
	Avg.	32.90	8.62	8.61	8.27	3.4	4.80	21.2
B2	Min.	30.92	7.99	8.02	8.10	2.4	2.50	20.4
	Max.	34.52	9.47	9.47	8.43	4.9	16.00	22.5
	Avg.	32.44	8.76	8.77	8.26	4.0	4.77	21.1
B3	Min.	30.86	8.01	7.99	8.10	3.0	2.50	20.6
	Max.	34.40	9.56	9.60	8.38	5.6	12.00	22.4
	Avg.	32.73	8.89	8.89	8.27	4.0	4.90	21.1
B4	Min.	31.51	8.15	8.20	8.18	2.8	2.50	20.2
	Max.	34.14	9.62	9.62	8.40	5.7	15.00	22.4
	Avg.	32.81	8.73	8.72	8.25	5.2	5.13	21.2
C1A	Min.	31.49	7.98	8.09	8.15	3.5	2.50	20.3
	Max.	34.32	9.65	9.55	8.42	6.6	19.00	22.5
	Avg.	32.81	8.78	8.79	8.27	5.2	5.18	21.1
C2A	Min.	31.17	8.12	8.15	8.14	3.7	2.50	20.4
	Max.	34.42	9.64	9.62	8.39	7.5	18.00	22.5
	Avg.	32.60	8.88	8.89	8.28	3.9	4.69	21.1
CR1	Min.	30.97	8.19	8.18	8.08	2.1	2.50	20.2
	Max.	33.68	9.53	9.48	8.41	6.2	16.00	22.5
	Avg.	32.64	8.68	8.69	8.28	3.7	4.80	21.1
CR2	Min.	31.14	7.89	7.92	8.15	2.4	2.50	20.3
	Max.	34.25	9.55	9.62	8.43	5.7	18.00	22.3
	Avg.	32.71	8.88	8.88	8.29	3.7	5.00	21.2
F1A	Min.	31.24	7.88	7.96	8.06	2.1	2.50	20.6
	Max.	34.43	9.71	9.59	8.44	5.4	14.00	22.4
	Avg.	32.60	8.71	8.70	8.27	3.8	5.07	21.1
H1	Min.	30.96	7.98	8.06	8.09	2.1	2.50	20.4
<u> </u>	Max.	33.99	9.52	9.43	8.41	5.2	14.00	22.4
1.41	Avg.	32.88	8.79	8.80	8.28	4.0	5.27	21.1
M1	Min.	31.64	8.09	8.09	8.16	2.9	2.50	20.5
	Max.	34.07	9.54	9.45	8.37	5.8	14.00	22.2
S 1	Avg.	-	-	-	-	-	-	-
	Min.	-	-	-	-	-	-	-
<u> </u>	Max.	-	-	-	-	-	-	-
S2A	Avg.	-	-	-	-	-	-	-
	Min.	-	-	-	-	-	-	-
<u> </u>	Max.	-	-	-	-	-	-	-
S 3	Avg.	-	-	-	-	-	-	-
	Min.	-	-	-	-	-	-	-
	Max.	-	-	-	-	-	-	-

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. As all DCM works and post DCM water quality monitoring were completed, no water quality monitoring was conducted at S1, S2A and S3 in the report period.

iii. As all DCM works were completed on 14 October 2020, no water quality monitoring for total alkalinity was conducted in the report period.

- 2.8.3 During the reporting period, four (4) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Action Level and five (5) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level. Investigations were carried out for each exceedance during the reporting period.
- 2.8.4 No project-related Action Level & Limit Level exceedance was recorded from 1 February 2023 to 28 February 2023.
- 2.8.5 Details of the exceedance are presented in **Section 8**.
- 2.8.6 Mitigation measures minimizing the adverse impacts on water quality are listed in the implementation schedule given in **Appendix B.**

3. NOISE MONITORING

3.1 Monitoring Requirements

- 3.1.1 To ensure no adverse noise impact, noise monitoring is recommended to be carried out at the nearby noise sensitive receivers (NSRs) during construction phase.
- 3.1.2 In accordance with the Updated EM&A Manual, baseline noise level at the noise monitoring stations was established as presented in the Baseline Monitoring Report. Impact noise monitoring was conducted once per week in the form of 30-minutes measurements Leq, L10 and L90 levels recorded at each monitoring station between 0700 and 1900 hours on normal weekdays.
- 3.1.3 In accordance with the Updated EM&A Manual, additional weekly impact monitoring should be carried out during respective restricted hours period (1900 0700 hours) if the construction works were conducted at evening and night time. Additional weekly noise monitoring was conducted once per week in the form of 5-minutes measurements Leq, L10 and L90 levels recorded at each monitoring station between 1900 and 0700 hours as well as public holidays and Sundays.
- 3.2 Noise Monitoring Parameters, Time, Frequency
- 3.2.1 Impact noise monitoring was conducted weekly in the reporting period between 0700 and 1900 hours on normal weekdays. Additional impact noise monitoring was conducted weekly in the reporting period between 1900-0700 hours on all days as well as public holidays and Sundays.
- 3.2.2 Construction noise level 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 hours on normal weekdays. $L_{eq \ 5min}$ was used as the monitoring parameter for the time period between 1900 and 0700 hours as well as public holidays and Sundays. **Table 3.1** summarizes the monitoring parameters, frequency and duration of the impact noise monitoring and additional impact noise monitoring. The monitoring schedule is provided in **Appendix C**.

Monitoring Station	Time	Duration	Parameters
	Day time: 0700-1900 hrs (during normal weekdays)	Once per week L _{eq 5min} /L _{eq 30min} (average of 6 consecutive L _{eq 5min})	L _{eq} , L ₁₀ & L ₉₀
M1/ N_S1, M2/ N_S2, M3/ N_S3	Evening time: 1900-2300 hrs (including normal weekdays, also public holidays and Sundays)	Once per week L _{eq 5min} (3 sets of L _{eq 5min})	L _{eq} , L ₁₀ & L ₉₀
	Night time: 2300-0700 hrs (including normal weekdays, also public holidays and Sundays)	Once per week L _{eq 5min} (3 sets of L _{eq} _{5min})	L _{eq} , L ₁₀ & L ₉₀

Table 3.1 Noise Monitoring Parameters, Time, Frequency and Duration

3.3 Noise Monitoring Locations

3.3.1 Three noise monitoring locations for impact monitoring and additional impact monitoring at the nearby sensitive receivers are shown in Figure 3.1.

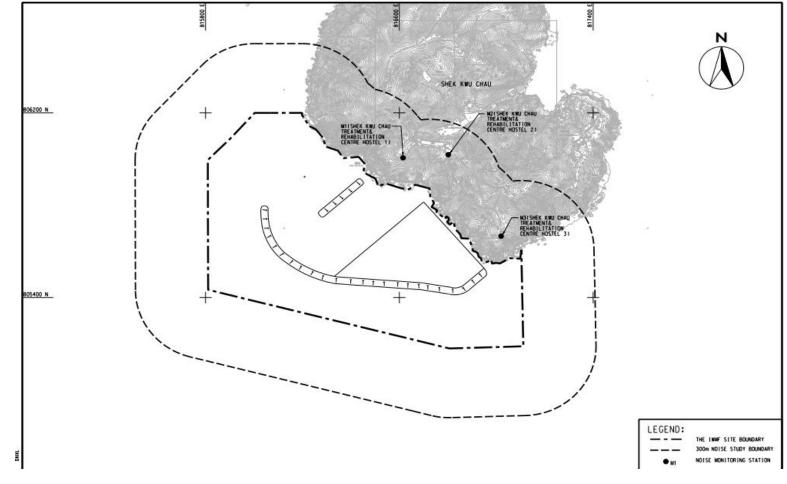


Figure 3.1 Noise monitoring locations at SKC

- 3.3.2 M1, M2 and M3 are Shek Kwu Chau Treatment and Rehabilitation Centre Hostel 1, 2 and 3 respectively of The Society for the Aid and Rehabilitation of Drug Abusers (SARDA) located at southern part of Shek Kwu Chau.
- 3.3.3 Measurements at M1 & M3 were conducted at a point 1m from the exterior of the sensitive receivers building façade and at a position 1.2m above the ground. Measurement setup at M3 has been varying with minor adjustment to minimize the disturbance to the users of Treatment Centre. Measurement at M2 was conducted at a point 1m from building façade of the ceiling of 1st floor level for avoidance of mutual disturbance with users of Treatment Centre. The minor adjustment of monitoring locations, which were in favour to mutual convenience with the users of Treatment Centre, were found with no effect on monitoring result based on on-site observation and experience from the Baseline monitoring of the Project. The noise monitoring stations are summarized in **Table 3.2** below.

Station	NSR ID in EIA Report	Noise Monitoring Location	Type of sensitive receiver(s)	Measurement Type
M1	N_S1	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1	Residential	Façade
M2	N_S2	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2	Residential	Façade
M3	N_S3	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3	Residential	Façade

Table 3.2 Noise Monitoring Location

- 3.4 Impact Monitoring Methodology
- 3.4.1 At each designated monitoring location, measurements of six 5-minute A-weighted equivalent sound pressure level [" $L_{eq 5min}$ "] was carried out between 0700 and 1900 hours for daytime measurements on a normal weekdays (excluding Sunday or general holiday). The measured six impact noise levels at each monitoring location shall then be averaged in logarithmic scale and expressed in terms of the 30-minute A-weighted equivalent continuous sound pressure level ($L_{eq 30min}$) for the time period between 0700 and 1900 hours on normal weekdays.
- 3.4.2 At each designated monitoring location, measurements of three 5-minute A-weighted equivalent sound pressure level ["L_{eq 5min}"] was carried out between 1900 and 0700 hours for evening time and night time measurements.
- 3.4.3 The monitoring procedures are as follows:
 - The microphone head of the sound level meter was normally positioned 1 m exterior of the noise sensitive façade and lowered sufficiently so that the building's external wall acts as a reflecting surface.
 - If there is a problem with the access to the normal monitoring position, an alternative may be chosen and appropriate correction would be applied according to acoustic principle when necessary. For reference, +3 dB(A) correction would be made for free-field measurements.
 - The battery condition was checked to ensure good functioning of the meter.
 - Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
 - Frequency weight: A
 - Time weighting: Fast
 - Measurement time: 5 minutes

- Prior to and after noise measurement, the meter was calibrated using the calibrator for 94.0 dB at 1000Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement was considered invalid and repeat of noise measurement was required after re-calibration or repair of the equipment.
- Noise monitoring was carried out for 30 minutes by sound level meter. At the end of the monitoring period, noise levels in terms of L_{eq}, L₁₀ and L₉₀ were recorded. In addition, site conditions and noise sources were recorded when the equipment was checked and inspected.
- All the monitoring data within the sound level meter system was downloaded through the computer software.
- 3.5 Monitoring Equipment
- 3.5.1 Integrated sound level meter was used for the noise monitoring. The meter shall comply with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications.
- 3.5.2 Equipment used in the impact noise monitoring programme is summarized in Table3.3 below. Calibration certificates for the noise monitoring equipment are attached in Appendix H.

Table 3.3 Impact Noise Monitoring Equipment

Equipment	Brand and Model
Sound Level Meter	SVANTEK 971
Sound Calibrator	RION NC-75

- 3.6 Maintenance and Calibration
- 3.6.1 The maintenance and calibration procedures were as follows:
 - The microphone head of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.
 - The sound level meter and calibrator were checked and calibrated at yearly intervals
 - Immediately prior to and following each noise measurement, the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0dB.
- 3.7 Action and Limit Levels
- 3.7.1 The Action/Limit Levels 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 is presented in Table 3.4.

Time Period	Action	Limit (dB(A))
0700-1900 hrs on normal	When one documented	$75 dD(\Lambda)$
weekdays	complaint is received	75 dB(A)

Table 3.4 Action and Limit Levels for Noise per Updated EM&A Manual

Notes: If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

- 3.7.2 If exceedances were found during noise monitoring, actions in accordance with the Event and Action Plan shall be carried out according to **Appendix I**.
- 3.8 Monitoring Results and Observations
- 3.8.1 Impact monitoring for noise impact for daytime was carried out on 06, 13, 20 and 27 February 2023. Impact monitoring for noise impact for evening time and night time was carried out on 06&07, 13&14, 20&21 and 27&28 February 2023. The impact noise levels at Noise Monitoring Stations at SKC (i.e. M1/N_S1 to M3/N_S3) are summarized in **Table 3.6**, **Table 3.7** and **Table 3.8** respectively. Details of noise monitoring results are presented in **Appendix J**.
- 3.8.2 Major construction activity, major noise source and extreme weather which might affect the results were recorded during the impact monitoring.
- 3.8.3 According to our field observations, the major noise source identified at the noise monitoring station in the reporting month are summarised in **Table 3.5**. Sound from the intermittent piling work was the noticeable noise source for monitoring stations M1, M2 and M3. Air conditioning units were also observed nearby monitoring stations M3.

Monitoring Station	Major Noise Source
M1	Sound from the intermittent piling work
M2	Sound from the intermittent piling work
M3	Sound from the intermittent piling work, air-conditioner

Table 3.5 Summary of Field Observation

3.8.4 No data from impact monitoring during daytime has exceeded the stipulated limit level at 75 dB(A).

Location	Measured Noise Level in dB(A)								
	Range of Leq 30min	Range of L _{10 30min}	Range of L _{90 30min}						
M1	59.0 - 64.5	61.7 – 67.2	54.7 - 58.2						
M2	56.0 - 58.6	58.7 - 61.5	53.0 - 55.1						
M3	55.5 - 58.9	59.0 - 63.0	51.3 - 53.4						

Table 3.6 Summary of Impact Noise Monitoring Results during Day Time (0700 – 1900 hours)

- 3.8.5 Applicable mitigation measures for construction works are fully implemented as shown in **Appendix B**, where double-glazed windows and air conditioning system were also installed and confirmed operable for the NSRs (N_S1, N_S2 & N_S3).
- 3.8.6 During the noise monitoring event, frontline staff of ET had inquired the treatment centre users on any noise disturbance from the construction activities at evening and night time, where no complaint and adverse opinions was received.
- 3.8.7 Where site inspection and auditing on Contractor's record have shown that the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority for construction works during restricted hours were followed, no inappropriate practice was spotted during evening time and night time construction works. Thus, the stipulated requirement on noise impact control during night time and evening time was achieved.

Location	Measured Noise Level in dB(A)								
	Range of Leq 5min	Range of L _{10 5min}	Range of L90 5min						
M1	42.2 - 62.0	42.2 - 64.7	38.4 - 53.5						
M2	45.6 - 58.0	47.1 - 60.8	44.3 - 53.2						
M3	43.2 - 50.0	43.7 - 56.0	41.1 – 47.7						

Table 3.7 Summary of Additional Impact Noise Monitoring Results during Evening Time (1900 – 2300 hours)

Table 3.8 Summary of Additional Impact Noise Monitoring Results during Night Time	
(2300 – 0700 hours)	

Location	Measured Noise Level in dB(A)								
	Range of Leq 5min	Range of L _{10 5min}	Range of L _{90 5min}						
M1 35.1-46.5		35.8 - 48.6	34.3 – 44.3						
M2	43.7 – 56.3	44.2 - 59.4	43.3 - 50.4						
M3	39.2 - 52.0	40.0 - 54.0	35.3 - 48.1						

4. WASTE

4.1 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.

4.2 As advised by the Contractor, about 26,720.6 m³ C&D materials were generated on site in the reporting month, of which 26,720.6 m³ of the materials were reused in other projects. For C&D waste, 11,150.1 kg metal was generated and collected by registered recycling collector. No paper was collected by the registered recycling collector. 0.7 kg plastic waste was collected by registered recycling collector. No chemical waste was collected by the licensed chemical waste collector. 123.5 m³ of other types of wastes (e.g. general refuse) was disposed of at designated landfill. No fill sand or public fill was imported during the reporting period. 1,899.0 m³ of fill rock was imported during the reporting period.

4.3 Chemical waste generated from land-based construction activities was stored in the chemical waste cabinet for temporary storage.

4.4 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 K**.

4.5 The Contractor is advised to sort and store any solid and liquid waste on-site properly prior to disposal.

Table 4.1 Quantities of Waste Genera	ted from the Project during February 2023
--------------------------------------	---

		Actual Quantities of Inert C&D Materials Generated Monthly							Actual Quantities of C&D Wastes Generated Monthly					thly
	Total	Hard Rock and Large	Reused in	Pousod in	Disposed as Public Fill	Imported Fill			Dapar /	Plastics			Others,	
Reporting Month	Quantity Generated	Broken Concrete (see Note 1)	the Contract	Reused in other Projects		Sand	Public Fill	Rock	Metals	Paper / Plastics cardboard (see Note packaging 2)	Chemical Waste		e.g. general refuse (see Note 3)	
	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)		(in ,000m ³)		(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	(in ,000m ³)
Feb 2023	26.7206	0	0	26.7206	0	0	0	1.8990	11.1501	0	0.0007	0	0	0.1235

Notes: (1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor: 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: rock density = 2 T/m^3 .

5. CORAL

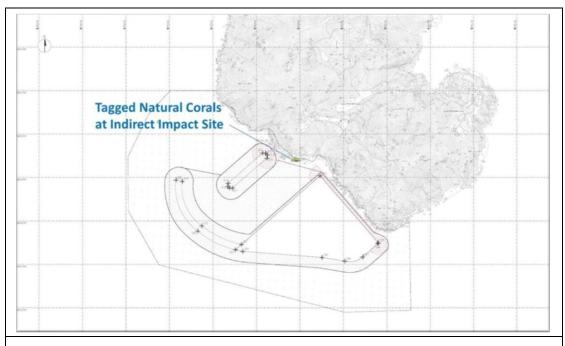
- 5.1 Coral Monitoring Requirements
- 5.1.1 To monitor the health condition of corals during different phases, corals located within areas likely to be affected by the Project, corals located at control sites (areas unlikely to be affected by the Project), the trans-located coral colonies as well as the tagged natural coral colonies at the recipient site were chosen, in order to identify any adverse indirect impact from the marine works. The size, percentage cover and health condition of corals (i.e. any sign of abnormal appearance, such as layer of mucus, bleaching, partial mortality etc.) at representative transects should be recorded during each monitoring.
- 5.2 Coral Monitoring Parameters, Time, Frequency
- 5.2.1 Rapid Ecological Assessment (REA) survey was conducted on 26 June 2018 at the suggested control site and indirect impact site within two weeks before commencement of the construction work which was 29 June 2018. 10 selected hard coral colonies with the similar species were tagged at both control and indirect impact sites. Following coral translocation in the recipient site R3, 16 coral colonies attached to rocks less than 50 cm in diameter were translocated and tagged, as well as 10 selected natural coral colonies, at the recipient site. One additional REA survey was conducted in December 2018 to further assess the seabed condition at Indirect Impact Site after Typhoon Mangkhut.
- 5.2.2 Tagged coral colonies at the suggested control site and indirect impact site are being monitored weekly for the first month and followed by monthly monitoring for two months. Quarterly monitoring will be carried out after the first three-month of monthly monitoring until the completion of marine works and bi-annual monitoring will be carried out after the completion of marine works. The selected Control Site is located at Yuen Kong Chau of Soko Islands about 7 km away from the project area. Tagged coral colonies at the proposed recipient site are being monitored quarterly for one year. The selected recipient site R3 is located at the opposite side of the Project area at about 2 km away. The detailed survey of the Control Site and Impact Site were conducted before the commencement of the Construction Phase.
- 5.2.3 Monitoring recorded the following parameters (using the same methodology adopted during the pre-translocation survey); the size, presence, health conditions (percentage of mortality/bleaching) and percentage of sediment of each tagged coral colony. The general environmental conditions including weather, sea, and tidal conditions of impact site, control site and recipient site were monitored.
- 5.2.4 **Table 5.1** summarizes the monitoring locations, time and frequency of the tagged coral colonies monitoring. The monitoring schedule is provided in **Appendix C**.

Monitoring Location	Monitoring Month/Year	Frequency	No. of Monitoring Survey
	1 st Month	Weekly Survey	4
	2 nd to 3 rd Months	Monthly Survey	2
	4 th Month (postponed	Re-tagging of Cora	al Colonies in Indirect
	to 5 th month due to	Impact Site after Ty	phoon Mangkhut
	diver accident in Shek		
	Kwu Chau in October		
	2018)		
	4 th Month (postponed	Re-tagging of Coral Colonies in Contr	
	to 5 th month due to	Site after Typhoon N	Mangkhut
	diver accident in Shek		
	Kwu Chau in October		
	2018 and further postpone to 6^{th} month		
	due to adverse		
	weather)		
	5 th Month (postponed	Post Re-tagging	1
	to 6^{th} month due to	Monthly Survey	1
	diver accident in Shek		
	Kwu Chau and further		
10 . 1 11 1 1	postponed to 7 th		
10 selected hard coral colonies at control site /	month due to delay of		
indirect impact site	re-tagging activities at		
rr	both Indirect Impact		
	Site and Control Site)		
	7 th to 68 th Months	Quarterly Survey	20
	(postponed to 8 th to		
	57 th month due to		
	diver accident in Shek Kwu Chau in October		
	2018)		
	69 th to 76 th Months	Bi-annually	2
	(The marine	Survey	2
	construction work is	Survey	
	anticipated to be		
	completed by		
	February 2024, the		
	frequency of		
	monitoring will be		
	changed to bi-annual		
	with reference to the		
	Updated EM&A		
	Mannual (Rev.E))		
16 translocated hard			
coral colonies and 10 selected natural hard	1 st Year	Quarterly Survey	4
coral colonies at	1 1001	Quarterry Survey	'
recipient site R3			

 Table 5.1 Tagged Coral Monitoring Locations, Time and Frequency

5.3 Coral Monitoring Locations

5.3.1 Location of the ten tagged coral colonies at each of the proposed indirect impact site (re-tagging after typhoon Mangkhut), control site (baseline) and recipient site R3 (translocation) are shown in **Figure 5.1**, **Figure 5.2** and **Figure 5.3** respectively:



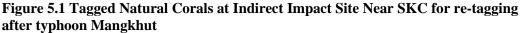




Figure 5.2 Tagged Natural Corals at Control Site Near Yuen Kong Chau for retagging after typhoon Mangkhut



Figure 5.3 Tagged Translocation Corals at Recipient Site R3 near SKC

5.3.2 The GPS coordinates of the tagged coral colonies, retagged coral colonies and recipient site were shown in **Table 5.2**, **Table 5.3** and **Table 5.4** respectively.

Coral #	GPS Co	ordinates
1	N22°09'45.96"	E113°54'57.81"
2R	N22°11'29.12"	E113°59'09.01"
3	N22°09'45.81"	E113°54'57.78"
4	N22°09'45.70"	E113°54'57.95"
5R	N22°11'29.10"	E113°59'09.18"
6	N22°09'45.75"	E113°54'58.02"
7R	N22°11'29.17"	E113°59'08.86"
7	N22°09'45.65"	E113°54'57.94"
8	N22°09'45.53"	E113°54'57.90"
9	N22°09'46.23"	E113°54'54.70"
10R	N22°11'29.18"	E113°59'08.91"

Table 5.2 Tagged Natural Corals during Baseline and Re-tagged Natural Corals afterTyphoon Manghkut at Control Site near Yuen Long Chau

Notes:

i. The re-tagged corals were marked as ##**R**.

Table 5.3 Re-tagged Natural Corals after Typhoon Manghkut at Indirect Impact Site near SKC

Coral # note i	GPS	Coordinates
11R	N22°11'29.14"	E113°59'08.92"
12R	N22°11'29.12"	E113°59'09.01"
13R	N22°11'29.11"	E113°59'09.07"
14R	N22°11'29.13"	E113°59'09.12"
15R	N22°11'29.10"	E113°59'09.18"
16R	N22°11'29.07"	E113°59'09.23"
17R	N22°11'29.17"	E113°59'08.86"
18R	N22°11'29.14"	E113°59'08.94"
19R	N22°11'29.20"	E113°59'08.81"
20R	N22°11'29.18"	E113°59'08.91"

Notes:

i. The re-tagged corals were marked as ##**R**.

Table 5.4 GPS Coordinates of Recipient Site R3

Site	GPS Coordinates		
R3	N22°11'43.69"	E113°28.99"	

- 5.4 Impact Monitoring Methodology
- 5.4.1 Health status of coral was assessed by the following criteria:
 - Hard coral: Percentage of surface area exhibiting partial mortality and blanched/bleached area of each coral colony and degree of sedimentation.
- 5.5 Action and Limit Levels
- 5.5.1 Monitoring result was reviewed and compared against the below Action Level and Limit Level (AL/LL) as set with the below **Table 5.5** and **Table 5.6**.

Parameter	Action Level	Limit Level
Mortality	a 15% increase in the percentage of partial mortality on the corals occurs at more than 20% of the tagged indirect impact site	percentage of partial mortality on the corals occurs at more than 20% of the tagged indirect impact site coral colonies that is not recorded

Table 5.5 Action and Limit Levels for Construction Phase Coral Monitoring

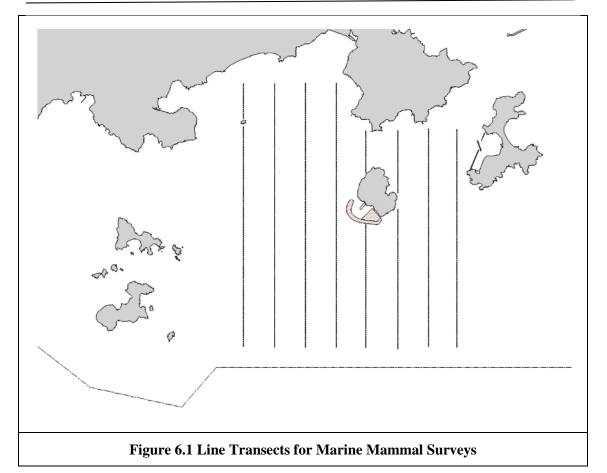
Table 5.6 Action and Limit Levels for Post-Translocation Coral Monitoring

Parameter	Action Level	Limit Level
Mortality	Monitoring a 15% increase in the percentage of partial mortality on the corals occurs at more than 20% of the translocated coral colonies	mortality on the corals occurs at more than 20% of the translocated coral colonies that is not recorded on the original corals in the recipient site,

- 5.5.2 If exceedance was found during coral monitoring. The actions in accordance with the Event and Action Plan should be carried out according to **Appendix L.**
- 5.6 Monitoring Results and Observations
- 5.6.1 No coral monitoring survey had been done during the reporting period and the 17th quarterly coral monitoring during construction phase at both Indirect Impact Site and Control Site would be scheduled in March 2023.

6. MARINE MAMMAL

- 6.1 Monitoring Requirements
- 6.1.1 The marine mammal monitoring programme would focus on Finless Porpoise, as the study area near Shek Kwu Chau has been identified as a hotspot for this species, while the Chinese White Dolphins rarely occurred there in the past.
- 6.1.2 The monitoring will verify the predicted impacts on marine mammals and examine whether the mitigation measures recommended in the EIA report have been effectively implemented to protect marine mammals from negative impacts from construction activities.
- 6.1.3 The Vessel-based Line-transect Survey, the Passive Acoustic Monitoring and the Land-based Theodolite Tracking will be conducted to provide systematic, quantitative measurements of occurrence, encounter rate, habitat use, movement and behavioural patterns of marine mammals within or near the Project Area during construction and operational phases.
- 6.1.4 The mammal monitoring works during construction consist of the following three survey methods:
 - Vessel-based Line-transect Survey to monitor the occurrence of Finless Porpoises (and Chinese White Dolphins) in the study area during construction works, by comparing with the findings of the pre-construction marine mammal monitoring;
 - Passive Acoustic Monitoring to study the usage of the Project Area and two control sites in South Lantau Waters by Finless Porpoise during construction works, in reference with the baseline findings of the pre-construction marine mammal monitoring; and
 - Land-based Theodolite Tracking to study the movement and behavioral pattern of Finless Porpoise within and around the Project Area during construction works.
- 6.1.5 The marine mammal observation works of Marine Mammal Exclusion Zone (MMEZ) and Marine Mammal Watching as two of the specific mitigation measures recommended in the approved EIA report shall be fully and properly implemented for the Project to minimize disturbance on Finless Porpoise during construction and operational phases.
- 6.2 Survey Methods
- 6.2.1 Vessel-based Line-transect Survey
- 6.2.1.1 For the vessel-based marine mammal surveys, the monitoring team adopted the standard line-transect method (Buckland et al. 2001) as same as that adopted during the EIA study and pre-construction phase monitoring to allow fair comparison of marine mammal monitoring results.
- 6.2.1.2 Eight transect lines are set at Southeast Lantau survey area, including Shek Kwu Chau, waters between Shek Kwu Chau and the Soko Islands, inshore waters of Lantau Island (e.g. Pui O Wan) as well as southwest corner of Cheung Chau as shown in **Figure 6.1** below:



6.2.1.3 The surveys should cover all 4 seasons in order to take natural fluctuation and seasonal variations into account for data analysis of distribution, encounter rate, density and habitat use of both porpoises and dolphins (if any). In comparison to the baseline monitoring results, results from the analysed construction phase monitoring data would allow the detection of any changes of their usage of habitat, in response to the scheduled construction works. The monitoring surveys shall be conducted throughout the construction phase involving marine construction work with the frequency shown in **Table 6.1** below:

Table 6.1 Vessel-based Line-transect Survey Frequenc
--

Season	Months	Frequency
Peak Season	December, January, February, March, April & May	Twice per month
Non-peak Season	June, July, August, September, October & November	Once per month

6.2.1.4 For each vessel survey, a 15-m inboard vessel with an open upper deck (about 4.5 m above water surface) would be used to make observations from the flying bridge area. Two experienced marine mammal observers (a data recorder and a primary observer) would make up the on-effort survey team, and the survey vessel would transit different transect lines at a constant speed of 13-15 km per hour. The data recorder shall search with unaided eyes and fill out the datasheets, while the primary observer shall search for dolphins and porpoises continuously through 7 x 50 marine binoculars. Both observers shall search the sea ahead of the vessel, between 270° and 90° (in relation to the bow, which is defined as 0°). Two additional experienced observers shall be available on the boat to work in shift (i.e. rotate every 30 minutes) in order to minimize fatigue of the survey team members. All observers shall be

experienced in small cetacean survey techniques and identifying local cetacean species with extensive training by marine mammal specialist of the ET.

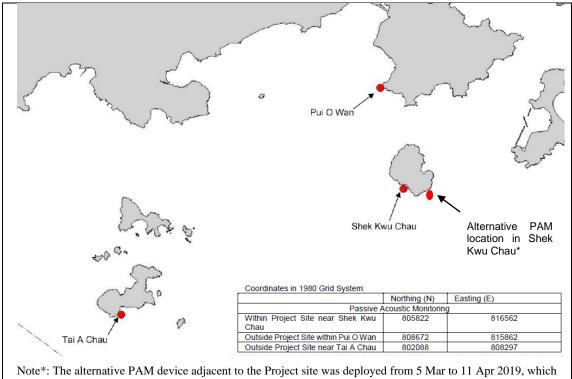
- 6.2.1.5 During on-effort survey periods, the survey team shall record effort data including time, position (latitude and longitude), weather conditions (Beaufort sea state and visibility), and distance travelled in each series (a continuous period of search effort) with the assistance of a handheld GPS (Garmin eTrex Legend). Data including time, position and vessel speed would also be automatically and continuously logged by handheld GPS throughout the entire survey for subsequent review.
- 6.2.1.6 When porpoises or dolphins are sighted, the survey team shall end the survey effort, and immediately record the initial sighting distance and angle of the porpoise or dolphin group from the survey vessel, as well as the sighting time and position. Then the research vessel shall be diverted from its course to approach the animals for species identification, group size estimation, assessment of group composition, behavioural observations, and collection of identification photos (feasible only for Chinese White Dolphin). The perpendicular distance (PSD) of the porpoise or dolphin group to the transect line would then be calculated from the initial sighting distance and angle, which shall be used in the line-transect analysis for density and abundance estimation.
- 6.2.1.7 The line-transect survey data shall be integrated with a Geographic Information System (GIS) to visualize and interpret different spatial and temporal patterns of porpoise and dolphin distribution using their sighting positions collected from vessel surveys. Location data of porpoise and dolphin groups would be plotted on map layers of Hong Kong using a desktop GIS (e.g. ArcView© 3.1) to examine their distribution patterns in details. The encounter rate could be used as an indicator to determine areas or time periods of importance to porpoises within the study area. For encounter rate analysis of finless porpoises, only survey data collected under Beaufort 2 or below condition would be used for encounter rate analysis.
- 6.2.1.8 To take into account of the variations of survey effort across different sections within survey area, the quantitative grid analysis of habitat use would be conducted to examine finless porpoise usage among 1-km² grids within the Southeast Lantau survey area. For the grid analysis, SPSE (sighting density) and DPSE (porpoise density) values would be deduced for evaluation on level of porpoise usage. First, positions of on-effort porpoise sightings from the study period are plotted onto 68 grids (1 km x 1 km each) within the survey area. Sighting density grids and porpoise density grids shall then be normalized with the amount of survey effort conducted within each grid. The total amount of survey effort spent on each grid shall be calculated by examining the survey coverage on each line-transect survey to determine how many times the grid had been surveyed during study period. With the amount of survey effort calculated for each grid, the sighting density and porpoise density of each grid shall be further normalized (i.e. divided by the unit of survey effort).
- 6.2.1.9 The newly-derived unit for sighting density was termed SPSE, representing the number of on-effort sightings per 100 units of survey effort. In addition, the derived unit for actual porpoise density was termed DPSE, representing the number of dolphins/porpoise per 100 units of survey effort. Among the 1-km² grids that were partially covered by land, the percentage of sea area was calculated using GIS tools, and their SPSE and DPSE values were adjusted accordingly. The following formulae shall be used to estimate SPSE and DPSE in each 1-km² grid within the study area:

 $SPSE = ((S / E) \times 100) / SA\%$ $DPSE = ((D / E) \times 100) / SA\%$

where S = total number of on-effort sightings D = total number of dolphins/porpoises from on-effort sightings E = total number of units of survey effortSA% = percentage of sea area

6.2.2 Passive Acoustic Monitoring (PAM)

The PAM aims to study the usage of an area by Finless Porpoise by using an array of automated static porpoise detectors (e.g. C-POD) which would be deployed at different locations to detect the unique ultra-high frequency sounds produced by Finless Porpoise. During the construction period, the PAM survey will be conducted including placement of two passive porpoise detectors outside the Project Area as control site (i.e. within Pui O Wan and to the south of Tai A Chau) and one porpoise detector within the Project Area (i.e. near Shek Kwu Chau) as shown in **Figure 6.2** below.



Note*: The alternative PAM device adjacent to the Project site was deployed from 5 Mar to 11 Apr 2019, which contained a full 37 days acoustic monitoring data set. After the confirmation of loss of the original PAM within the Project site, this data set was proposed to replace that of the original one, as consulted with AFCD accordingly.

Figure 6.2 Locations of Passive Acoustic Monitoring

6.2.3 These three detectors will be deployed on-site to carry out 24-hours monitoring for a period listed as **Table 6.2** below during the construction phase.

 Table 6.2 PAM Deployment Period

Season	Months	Deployment Period
Peak Season	December, January, February,	At least 30 days during the peak
	March, April or May	months of porpoise occurrence
		in South Lantau waters

- 6.2.3.1 The automated static porpoise detectors shall detect the presence and number of finless porpoise and Chinese White Dolphins respectively over the deployment period, with the false signal such as boat sonar and sediment transport noise distinguished and filtered out. The detectors shall be deployed and retrieved by professional dive team on the seabed of the three selected location shown in Figure 6.2. During each deployment, the C-POD unit serial numbers as well as the time and date of deployments shall be recorded. Information including the GPS positions and water depth at each of the deployment locations shall also be obtained.
- 6.2.3.2 The diel patterns (i.e. 24-hour activity pattern) of finless porpoise occurrence among the three sites at Shek Kwu Chau, Tai A Chau and Pui O Wan shall be analyzed. Peaks and troughs of finless porpoise occurrence per hour of day would be identified and compared with the results obtained from pre-construction monitoring.
- 6.2.4 Land-based Theodolite Tracking
- 6.2.4.1 The Land-based Theodolite Tracking study would use the same station as in the AFCD monitoring study (same as the baseline monitoring location), which is situated at the southwest side of Shek Kwu Chau (GPS position: 22°11.47' N and 113°59.33' E) as shown in below **Figure 6.3**. The station was selected based on its height above sea level (at least 20 metres), close proximity to shore, and relatively unobstructed views of the entire Project Area to the southwest of Shek Kwu Chau. The height of the Shek Kwu Chau Station established by the HKCRP team is 74.6 m high at mean low water, and only a few hundred metres to the IWMF reclamation site, which is ideal for the purpose for the present behavioural and movement monitoring of finless porpoises as well during construction phase considering there as an un-obstructed vantage point at a height above the Project Site.

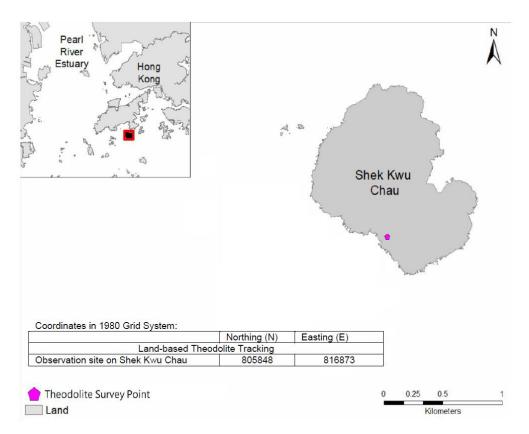


Figure 6.3 Locations of Land-based Theodolite Tracking

During the construction phase, Land-based Theodolite Tracking will be carried out for approximately six hours of tracking for each day of field work for a period listed as **Table 6.3** below, preferably at the initial stage of the construction period (i.e. December 2018 to May 2019).

Table 6.3	Land-based	Theodolite	Tracking	Survey Period
I GOIC OIC	Liuliu suseu	Incouonic	11 acrimine	Sul (Cy I Chiou

Season	Months	Survey Period
Peak Season	December, January, February,	30 days during the peak months
	March, April or May	of porpoise occurrence in South
		Lantau waters

- 6.2.4.2 The monitoring period for land-based theodolite tracking will be proposed to be overlapped with the PAM. The monitoring team consists of one experienced theodolite operator and at least two field observers for assistance. To conduct theodolite tracking, the observers will search systematically for Finless Porpoise using the unaided eye and 7 x 50 handheld binoculars on each survey day throughout the study area. When an individual or group of porpoises is located, a theodolite tracking session will be initiated and focal follow methods will be used to track the porpoise(s). Behavioural state data (i.e. resting, milling, travelling, feeding and socializing) shall also be recorded every 5 minutes for the focal individual or group. Positions of porpoises and boats shall be measured using a digital theodolite connected to a laptop computer. This tracking survey was conducted during the peak season between December 2018 and May 2019 for 30 surveys spanning across 15-16 weeks during the peak season to provide good temporal coverage during the initial stage of the construction period.
- 6.3 Specific Mitigation Measures
- 6.3.1 Monitored exclusion zones
- 6.3.1.1 A MMEZ with 250 m distance from silt curtain shall be established during the above situation. If 3 or more construction vessels are required with MMO's duty and operating in close proximity, for the purpose of avoiding accidental entrance to the works area by Marine Mammal, a cluster MMEZ plan will be implemented to form a MMEZ with 250 m distance from the boundary of a work area as indicated in Figure 1 for reference. A team of MMO (i.e. at least two MMOs per day/night shift teams) would be arranged at the out-lying construction vessels to form the cluster MMEZ. The MMEZ serves as a monitoring approach to provide appropriate and immediate actions once finless porpoise or Chinese White Dolphin is sighted within the MMEZ. All MMEZ will be monitored by competent Marine Mammal Observers (MMOs) to be provided by the Environmental Team for the IWMF and trained by the Marine Mammal Monitoring Specialist of the ET who is independent from KSZHJV. The marine mammal observer(s) shall be independent of the construction contractor and shall form part of the Environmental Team and have the power to call-off construction activities.
- 6.3.1.2 According to the Condition 2.25 of the FEP, MMEZ should be implemented during the installation/re-installation/relocation process of floating type silt curtains in order to avoid the accidental entrance and entrapment of marine mammals within the silt curtains. Also, marine construction works expected to produce underwater acoustic disturbance as per Condition 2.27 of the FEP, especially within December and May, would require the implementation of MMEZ, which currently all those specific construction activities have been replaced by less acoustically disturbing construction methods such as Deep Cement Mixing (DCM) and Precast Concrete

Blocks Installation as discussed in Section 5.3 of the Detailed Monitoring Programme on Finless Porpoise, however, MMEZ would also be implemented for precautionary purpose for DCM works.

6.3.1.3 A MMEZ with 250 m distance from the boundary of a work area shall be established during the above situation. A typical MMEZ is indicated in **Figure 6.4** for reference. The MMEZ serves as a monitoring approach to provide appropriate and immediate actions once finless porpoise or Chinese White Dolphin is sighted within the MMEZ. All MMEZ will be monitored by competent Marine Mammal Observers (MMOs) to be provided by the Environmental Team (ET) for the IWMF and trained by the Marine Mammal Monitoring Specialist of the ET who is independent from KSZHJV.

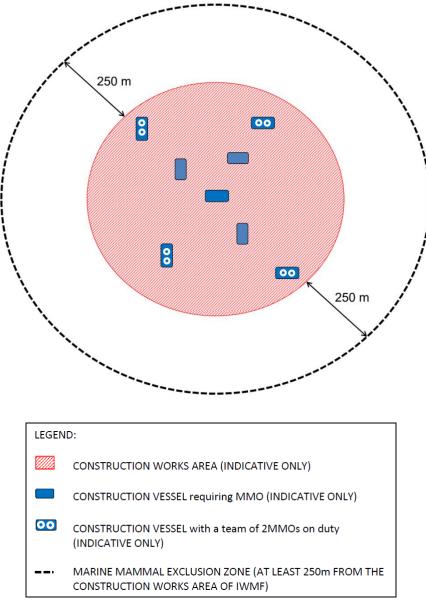


Figure 6.4 Illustration of Typical MMEZ

- 6.3.1.4 Prior to the commencement of construction activity, our MMOs shall ensure the boundary of a marine work area and setting up of the MMEZ for the work area and get access to the monitoring location on a barge or a lookout point where there is no obstructed views for monitoring the MMEZ during the construction activity. The MMEZ shall be scanned thoroughly by a MMO for any presence of marine mammal e.g. finless porpoise for an initial period of 30 minutes. Construction activity shall only be commenced after the MMO has confirmed that the MMEZ is clear of the marine mammal for the initial period of 30 minutes. The MMO shall then inform the construction superintendent through mobile phone or handheld transceivers to certify the commencement of construction activity. The MMEZ monitoring shall be carried on throughout the period for all active construction activities requiring implementation of MMEZ.
- 6.3.1.5 When any mammal marine, e.g. Finless Porpoise, is detected by the MMO within the MMEZ during construction, the MMO shall inform the construction superintendent immediately through mobile phone or handheld transceivers to cease construction activity within the MMEZ. Construction activity shall not be recommenced until the MMO confirms that the MMEZ is continuously clear of marine mammal for a period of 30 minutes. The MMO shall then inform the construction superintendent through mobile phone or handheld transceivers to certify the re-commencement of construction activity.
- 6.3.1.6 As there could be a number of Contractors working at the same time within a work area for the IWMF project, a full contact list of MMEZ monitoring team members of the ET and the relevant responsible construction superintendents of the Contractor at the site shall be prepared, updated regularly and circulated to all parties involved in the MMEZ monitoring. With a full contact list, our MMOs shall be able to find out the contacts of corresponding persons in case of marine mammal sighting within and near the MMEZ or emergent occurrence of any unpredictable impact on marine mammal.
- 6.3.1.7 If a marine mammal is still observed in close vicinity but outside the MMEZ, the MMO shall inform the construction superintendent about the presence of marine mammal. The MMO shall remain in position and closely observe the movement of the marine mammal as well as searching for the appearance of any other marine mammal within the MMEZ. No matter the marine mammal is observed within or in close vicinity but outside the MMEZ, the construction superintendent or relevant persons shall inform all vessel captains involved in construction activities around the MMEZ to pay special attention of the presence of the marine mammal in order to reduce chance of collision with them. In case of injury or live-stranded marine mammal being found within the MMEZ, the marine mammal observer shall immediately inform the construction superintendent to suspend construction activities within the works area and contact AFCD through "1823" marine mammal stranding hotline.
- 6.3.2 Marine mammal watching plan
- 6.3.2.1 Upon the completion of silt curtain installation/re-installation/relocation, the marine works would be conducted within an enclosed environment within the silt curtain. Subsequently, Visual Inspection of the Waters Surrounded by Silt Curtains (Section 2.1, MMWP) and Regular Inspection of Deployed Silt Curtain (Section 2.2, MMWP) inspection under Marine Mammal Watching Plan would be implemented (where applicable, Marine Mammal Exclusion Zone shall be conducted at the meantime).

- 6.3.2.2 Before commencement of dredging/sand blanket laying work at each designated area, a trained MMO shall check whether position frame silt curtains are ready, well prepared and operated without any obvious damage. Also, the MMO shall confirm the presence of the relevant frontline staff of the main contractor or its sub-contractors and engineers on board to ensure the effective communication, coordination and implementation of the response plan in relation to any incidents involving marine mammals within the waters surrounded by the position frame type silt curtains and the work areas. Also, there are lookout points at an elevated level on each barge, clear and safe access at the edges of the derrick lighter/ flag-top barge for inspection during dredging/sand blanket laying works, provision of sufficient lighting is required if working at night.
- 6.3.2.3 During the operation, the inspection will be conducted daily. The MMO will walk along the edge of derrick lighter (DL) and flag-top barge (FB) along the position frame silt curtain or proper location without obstacles where appropriate to inspect the position frame silt curtains are maintained in the correct positions with no obvious defects / entanglement and there is no observable muddy water passing through the position frame silt curtain system. Any floating refuse trapped by the silt curtain shall be removed as part of the regular inspection. For night inspection, spotlight will be used to provide sufficient brightness to assist the inspection in dark condition.
- For the re-deployment of the localized silt curtains (frame-type, cage-type or 6.3.2.4 enclosed floating-type silt curtains), MMO will conduct visual inspection to confirm that there is no presence of marine mammal within the localized silt curtains (frametype, cage-type or enclosed floating-type silt curtains). Visual inspection will be conducted every hour by MMO for confirming that there is no marine mammal observed in the surrounding area of the deployed silt curtain during re-deployment of localized silt curtains (frame-type, cage-type or enclosed floating-type silt curtains). The duration will be subject to various conditions, e.g. weather or angle of observation. The works can only commence after confirming that the surrounding waters of the localized silt curtains do not contain any marine mammal. Thereafter, frontline staff, i.e. foremen, site agent, superintendents and engineers will assist our MMO in implementing the plan from the active work fronts within the waters surrounded by the silt curtains throughout the work period. The MMO will conduct regular check to observe the presence of any marine mammal around the localized silt curtain or being trapped by the localized silt curtain daily. The MMOs will also check if the localized silt curtains are in correct positions.
- 6.3.2.5 The MMO shall fill up our Marine Mammal Sighting Record Sheet. After inspection, those records should be kept properly and submitted to the project team. In case there is any marine mammal being found, the MMO should carry out the response actions and communicate with relevant parties to stop and then resume work after the discovered marine mammal leaves. After lifting up and mobilization of silt curtain, the MMO will repeat the procedures of regular and visual inspection until the end of the construction works.
- 6.3.2.6 Each lookout point will have an unobstructed view to waters around the DL and FB. The MMO will move around the DL and FB to establish a clear and unobstructed view as much as they can without compromising the safety concern. When appropriate, the lookout point can be replaced by a proper location if unobstructed view can be assured.

- 6.3.2.7 Installation of caisson No.19 was completed on 18 March 2021, which the reclamation area had been totally enclosed by permanent structure. Floating type silt curtain at marine access was removed on 18 March 2021. No enclosed area shall be formed by deployment of silt curtain for the remaining works programme.
- 6.4 Results and Observations
- 6.4.1 Vessel-based Line-transect Survey
- 6.4.1.1 The monthly surveys were conducted on 10 and 17 February 2023. As this is the designated peak season (December May), two surveys were completed. A total of 80.5 km on effort (transects only) survey length was completed, 99.0% of which was conducted at Beaufort Sea State 2 or better (Table 6.4). Seventeen on-effort finless porpoise sighting was recorded and three opportunistic finless porpoise sighting were recorded. and confirmed by qualified ecologist (Table 6.5, Figure 6.5). Representative photo taken of sighting recorded on 10 February 2023 is presented in Figure 6.6.

Date	Area*	Beaufort	Effort (km)	Season	Vessel	Effort Type**
10 February	SEL	0	2	WINTER	SEAMARHK	р
2023	SEL	1	38	WINTER	SEAMAKIK	Г
17 Eshmomy		1	18.8			
17 February 2023	SEL	2	20.9	WINTER	SEAMARHK	Р
2025		3	0.8			

Table 6.4 Summary of Vessel-based Line-transect Survey Effort

As shown in Figure. 6.1

** P (from AFCD) denotes the ON EFFORT survey on the transect line, not the adjoining passages

Table 0.5 Signings recorded during rebruary 2025 vesser-based Eme-transect Survey											
Date	Species	Sighting No.	Time	Group Size	PSD	Behaviour	Lat.	Long.	Area	Effort	Season
10 Feb 2023	Finless Porpoise	135	10:53	4	247	Travelling	22.17284	113.9441	SEL	On	WINTER
10 Feb 2023	Finless Porpoise	136	10:59	5	109	Travelling	22.16839	113.9442	SEL	On	WINTER
10 Feb 2023	Finless Porpoise	137	11:43	8	27	Travelling	22.19672	113.9641	SEL	On	WINTER
10 Feb 2023	Finless Porpoise	138	12:21	2	13	Travelling	22.21071	113.9738	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	139	10:29	1	250	Surface Active	22.19913	114.0126	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	140	10:58	1	74	Unknow	22.17979	114.0026	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	141	11:11	2	165	Unknow	22.17046	113.9932	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	142	11:51	2	58	Travelling	22.17926	113.9835	SEL	On	WINTER

Table 6.5 Sightings recorded during February 2023 Vessel-based Line-transect Survey

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1 Monthly EM&A Report No.56

Keppel Seghers – Zhen Hua Joint Venture

Date	Species	Sighting No.	Time	Group Size	PSD	Behaviour	Lat.	Long.	Area	Effort	Season
17 Feb 2023	Finless Porpoise	143	12:13	2	62	Travelling	22.19617	113.9736	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	144	12:40	1	252	Other	22.19199	113.9643	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	145	12:42	1	166	Other	22.188	113.9641	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	146	12:50	1	5	Unknow	22.16879	113.9641	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	147	12:57	2	103	Feeding	22.17219	113.9541	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	148	13:02	3	0	Unknow	22.18359	113.9542	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	149	13:35	2	69	Unknow	22.18309	113.9443	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	150	13:37	1	0	Unknow	22.17848	113.9443	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	151	13:41	1	94	Unknow	22.16828	113.9451	SEL	On	WINTER
17 Feb 2023	Finless Porpoise	152	13:43	2	N/A	Unknow	22.16583	113.9466	SEL	Opp	WINTER
17 Feb 2023	Finless Porpoise	153	13:50	4	N/A	Multiple Behaviour	22.17307	113.9527	SEL	Opp	WINTER
17 Feb 2023	Finless Porpoise	154	14:14	4	N/A	Travelling	22.19598	113.9748	SEL	Opp	WINTER

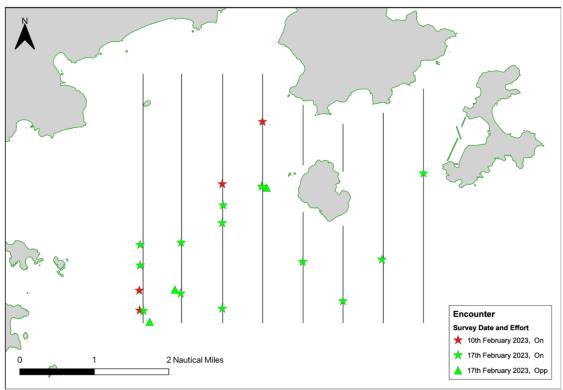


Figure 6.5 Location of sightings recorded during February 2023 Vessel-based Line transect survey



Figure 6.6 Representative Photo taken of sighting recorded during Vessel-based Line-transect Survey

- 6.4.1.2 A review of the long term AFCD marine mammal monitoring programme, the EIA and pre-construction baseline monitoring was conducted. Pre-construction baseline monitoring and the EIA were both conducted during the peak porpoise months, Feb-Apr 2018 and Dec 2008 May 2009, respectively, and can be compared to the survey month of February. The AFCD long term monitoring data can also be compared directly to February 2023 impact survey results. It was noted that the 8th, 20th, 32nd & 44th month of impact monitoring is February 2019, 2020, 2021 & 2022 respectively and these data were included.
- 6.4.1.3 A review of the Beaufort Sea State in February survey conditions between 2009 and 2018 (only data available from AFCD at times of writing; AFCD 2018¹; 2017²; 2016³; 2015⁴; 2014⁵; 2013⁶; 2012⁷; 2011⁸; 2010⁹) show that between 49.7% and 100% of survey effort has been conducted at Beaufort Sea State 2 or better in the past. During the EIA and the baseline surveys, 97.4% and 100%, respectively, of the survey effort was conducted at Beaufort 2 or better. For this project, in February 2023, 99.0% of the survey was conducted at Beaufort Sea State 2 or better and, as such, survey conditions in February 2022 were excellent (Average: 87%).
- 6.4.1.4 A review of the porpoise sightings in the survey area for February between 2009-2018 indicate that there are fluctuations between the number of sightings usually recorded. For all weather conditions, and for the seven years data available, zero (0) sighting was recorded in one year (2018 conducted by AFCD), two (2) sightings were recorded in one year (2015 conducted by AFCD), five (5) sightings were recorded in two years (2013 and 2014 conducted by AFCD), seven (7) sightings were recorded in two years (2016 and 2017 conducted by AFCD) and nineteen (19) sightings were recorded in one year (2010 conducted by AFCD). No AFCD surveys were conducted in 2009, 2011 and 2012. The EIA included February (2009) and recorded five (5) sightings and an encounter rate of 3.3 sightings per 40km surveyed. The baseline survey was conducted between February – April 2018 and the encounter rate for February (Baseline 2018) was 5.9 sightings per 40 km. The February 2023 encounter rate of 8.4 sightings per 40km is the highest ever recorded. For the first year of impact monitoring, five (5) on effort finless porpoise sightings were made for the second year, four (4) on effort sightings were made, for the third year, three (3) on effort sightings and in the fourth year, two (2) sightings were made.

The impacts of the Project on marine mammals as predicted in the EIA were that construction activities would cause individuals to move away from the area. The month of February previously recorded between 1 - 9 porpoise sightings, before construction commenced. To increase the dataset for vessel-based surveys, acoustic towed array surveys have been conducted concomitantly with visual surveys and a separate report has been provided, showing trends in acoustic detections. As porpoise are easier to detect acoustically rather than visually, this larger data set provides more details of porpoise occurrence during vessel-based surveys. The number of sightings in February 2023 is high when compared to sightings recorded during AFCD long term monitoring studies and is similar to the years 2018 and 2020. It is noted that there are low numbers of vessels in the area due to Covid-19 restrictions, however, marine construction works, for other projects, are ongoing in the area adjacent to this Project site and are therefore, likely impacting porpoise presence and behaviour. The fast ferry service between Hong Kong and Macau resumed this month, although the frequency of vessels is low compared to prerestriction levels.

- 6.4.2 PAM and Land-based Theodolite Tracking
- 6.4.2.1 30 days of PAM surveys were started on 1 May 2019 and completed in the end of May 2019. Multiple PAM systems were deployed at three sites. The PAM system located at the IWMF was lost, however, an alternative data set had been identified. The PAM systems at the two control sites Tai A Chau and Pui O were recovered on 3 August 2019. A summary of marine mammal detections showed that porpoise were recorded every day of deployment at each site, but at varying frequencies. The detailed theodolite result was presented in 17th Monthly EM&A report (November 2019) while detailed PAM result was presented in 18th Monthly EM&A report (December 2019).
- For the baseline study, the Detection Positive Minutes (DPM) for each site was 6.4.2.2 11,160 (Shek Kwu Chau), 16,089 (Tai A Chau) and 3645 (Pui O Wan), totalling 30,894 DPM across all three sites, compared to DPMs of 4740 (Shek Kwu Chau), 7725 (Tai A Chau) and 23,986 (Pui O Wan), totalling 36,451 DPM, for the impact phase study. As the impact phase study was longer than the baseline study, it is not appropriate to directly compare total counts of DPM. However, the DPM rate (the average number of detections per day) for each site can be more directly compared. During the baseline study, Shek Kwu Chau averaged 338.2 DPM per day compared with 124.8 DPM per day during the impact phase study. This showed a decrease in the daily average of porpoise detection at Shek Kwu Chau. During the baseline study, Tai A Chau averaged 487.6 DPM per day compared with 179.7 DPM per day, during the impact phase study. This showed a decrease in the daily average of porpoise detection at Tai A Chau. During the baseline study, Pui O Wan averaged 98.5 DPM per day compared with 557.8 DPM per day during the impact phase study. This showed a significant increase in the daily average of porpoise detections at Pui O Wan.
- 6.4.2.3 Overall, the PAM study showed that porpoise continue to consistently utilise the Shek Kwu Chau habitat immediately adjacent to the IWMF construction activities, although to a lesser degree than that prior to construction activities. In addition, the Pui O Wan site, which is 2.5 km away from the IWMF construction area, was also consistently utilised during the impact phase PAM study. A continued assessment of fine scale habitat use, particularly through PAM which yielded large quantities of data, would allow a more comprehensive assessment of the EIA predictions.
- 6.4.2.4 Theodolite surveys were completed in May 2019. In total, 34 days of theodolite tracking were completed between February and May 2019, comprising 167 hours and 49 minutes of observation. No Chinese white dolphin was observed and only one finless was recorded. The finless porpoise encounter rate was calculated as 0.006 finless porpoise per hour, in all weather conditions.
- 6.4.2.5 A total of 2620 vessels of ten different types were observed and tracked within or in the proximity of the IWMF construction site. These comprised fishing boats (236), speed boats (29), container boats (155), government boats (22), high speed ferries (53), others (13) and IWMF-Related construction platforms (974), tug boats (240), transportation boats (363), construction boats (531) and approximately 8 buoys were present marking the site boundary.
- 6.4.2.6 The baseline theodolite tracking was conducted immediately prior to and during the site preparation activities of the site. The baseline data records a decrease in porpoise sightings as site preparation activities commenced and notes that the decrease was most likely due to the onset of site preparation activities. The impact theodolite tracking conducted for this study records a marked increase in the

number of Project related vessels and platforms and, in agreement with baseline conclusions, shows a concomitant decrease in finless porpoise sightings.

- 6.4.3 Specific Mitigation Measures
- 6.4.3.1 Trainings for the MMO were provided by the ET prior to the monitoring of the Marine Mammal Exclusion Zone (MMEZ) for installation/ re-installation/ relocation process of silt curtains, with a cumulative total of 98 individuals being trained and the training records kept by the ET.

6.4.5 References

- 1. Agriculture, Fisheries and Conservation Department (AFCD) 2018. *Annual Marine Mammal Monitoring Programme April 2017-March 2018*) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi_chi_html
- 2. Agriculture, Fisheries and Conservation Department (AFCD) 2017. *Annual Marine Mammal Monitoring Programme April 2016-March 2017*) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi.html
- 3. Agriculture, Fisheries and Conservation Department (AFCD) 2016. *Annual Marine Mammal Monitoring Programme April 2015-March 2016*) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi ch i/con_mar_chi_chi.html
- 4. Agriculture, Fisheries and Conservation Department (AFCD) 2015. Annual Marine Mammal Monitoring Programme April 2014-March 2015) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. <u>http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi.html</u>
- 5. Agriculture, Fisheries and Conservation Department (AFCD) 2014. *Annual Marine Mammal Monitoring Programme April 2013-March 2014*) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi_html
- Agriculture, Fisheries and Conservation Department (AFCD) 2013. Annual Marine Mammal Monitoring Programme April 2012-March 2013) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. <u>http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi chi i/con_mar_chi_chi.html</u>
- Agriculture, Fisheries and Conservation Department (AFCD) 2012. Annual Marine Mammal Monitoring Programme April 2011-March 2012) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. <u>http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi.html</u>
- 8. Agriculture, Fisheries and Conservation Department (AFCD) 2011. Annual Marine Mammal Monitoring Programme April 2010-March 2011) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi/con_mar_chi ch i/con_mar_chi_chi.html
- Agriculture, Fisheries and Conservation Department (AFCD) 2010. Annual Marine Mammal Monitoring Programme April 2009-March 2010) The Agriculture, Fisheries and Conservation Department, Government of the Hong Kong SAR. <u>http://www.afcd.gov.hk/english/conservation/con_mar_chi/con_mar_chi_chi.html</u>

7. WHITE-BELLIED SEA EAGLE

- 7.1 Monitoring Requirement
- 7.1.1 On Shek Kwu Chau Island, a nest of WBSE is located about 60 m above ground within a hillside shrubland habitat, 130 m in-land from shore, about 550 m away from the proposed reclaimed land, with no human access. 3 phases monitoring programme will be comprised of pre-construction phase, construction phase and operation phase.
- 7.1.2 The Pre-Construction WBSE monitoring was started on 30 January 2018 and the location of WBSE nest was confirmed on 21 February 2018 and it is located at the western part of SKC Island (Figure 7.1). Two adults and two chicks were also recorded on 5th March 2018 survey till the end of the Pre-construction monitoring on 15th May 2018. Construction Phase monitoring were carried out followed by the commencement of the Construction Phase on 28th June 2018.
- 7.2 WBSE Monitoring Parameters, Time, Frequency
- 7.2.1 The objective of the construction phase monitoring should be to verify the utilisation of the area by WBSE, their responses to construction disturbance, as well as the effectiveness of the proposed mitigation measures. Throughout the construction phase, field surveys should be conducted twice per month during their core breeding season (from December to May), and once per month outside their core breeding season (from June to November). The monitoring frequency should be increased to weekly during the incubation period of each year. In order to confirm their foraging ground near the construction site, it is necessary to conduct daily monitoring during the first week of nestling period in each year.
- 7.2.2 Since the location of the WBSE nest was located at the southwest of SKC within the hillside shrubland, it is impossible to observe the eggs during incubation period. Therefore, monitoring with increased frequency during incubation period will be continued until chick was seen in the nest. Daily monitoring of 7-day consecutive monitoring will be carried out once any chick is recorded during the monitoring day. The monitoring schedule during the reporting period is provided in **Appendix C**.
- 7.3 Monitoring Location
- 7.3.1 Since there are no suitable land footings along the coast of SKC, only boat surveys were conducted. On Shek Kwu Chau Island, a nest of WBSE is located about 60 m above ground within a hillside shrubland habitat, 130 m in-land from shore, about 550 m away from the proposed reclaimed land, with no human access.
- 7.4 Monitoring Methodology
- 7.4.1 Information to be collected included feeding, perching/roosting, preening, soaring, flying, nesting and territorial guarding and the time spent on each activity. The responses and reactions to any disturbance to the WBSEs were also recorded and examined in conjunction with the construction noise and/or other events in the vicinity. Other disturbances such as weather condition, or invasion by other fauna species were also recorded.
- 7.4.2 Binocular, scope, camera, lens and GPS device used are summarized as **Table 7.1** below:

Equipment	Quantity
Swarovski EL 8.5 x 42 Binocular	1
Swarovski EL Range 8 x 42 Binocular	1
Swarovski ATX 25-60 x 85 Spotting Scope	1
Canon 1Dx Mark II Camera	1
Canon EF300mm F2.8 Lens with Canon 2x Teleconverter	1
Canon PowerShot G7X Camera	1
Garmin GPSMAP 64S	1

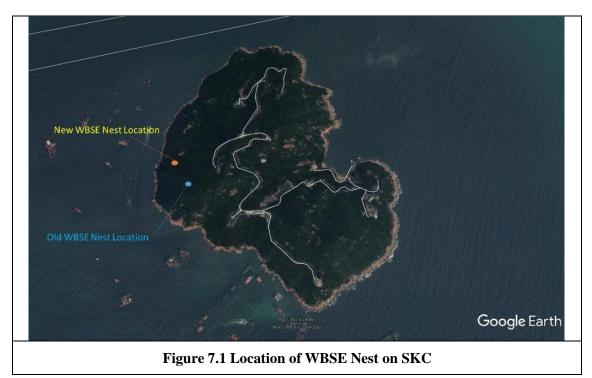
Table 7.1 List of Equipment Used during Construction Phase Monitoring

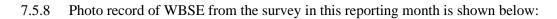
- 7.4.3 If event such as absence of White-bellied Sea Eagle during a whole day of monitoring was found during WBSE monitoring, the actions in accordance with the Event and Action Plan should be carried out according to **Appendix M.**
- 7.5 Results and Observations
- 7.5.1 To verify the utilization of the area by WBSE, their responses to construction disturbance, as well as the effectiveness of the proposed mitigation measures. Since there is no landing point long the western part of SKC, boat survey were used for the monitoring survey. The WBSE, monitoring survey was carried out in the morning. The weather condition of monitoring survey was shown in **Table 7.2**.

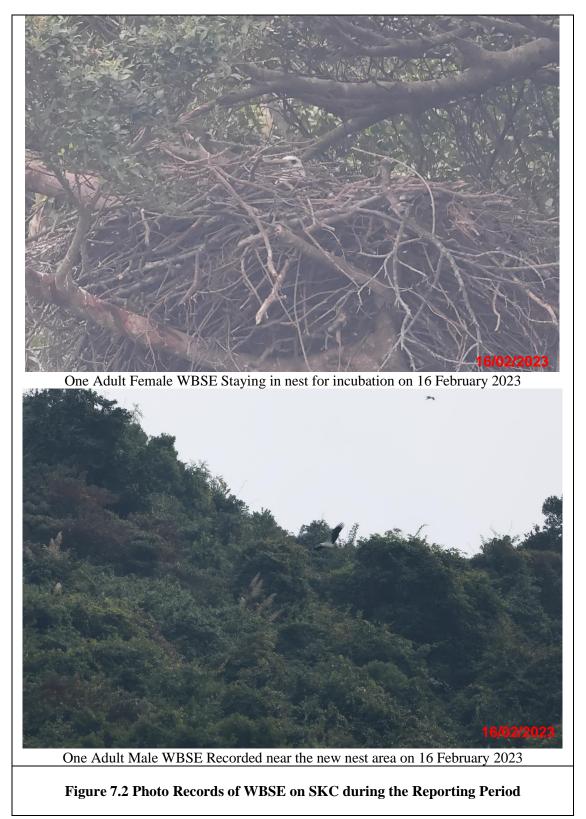
Date	Condition	Temperature (°C)
02 February 2023	North wind force 4 to 5Sunny Day	21
09 February 2023	North wind force 5Sunny Day	20
16 February 2023	Northeast wind force 4 to 5Sunny Day	19
23 February 2023	Northeast wind force 5 to 6Sunny Day	22

- 7.5.2 No abnormal behavior of the recorded adults during the February 2023 construction phase monitoring. Two adults of WBSE were recorded on 02, 09, and 16 February 2023 and having incubation until 16th February 2023 in the nest. No chick was recorded during the monitoring survey.
- 7.5.3 The juvenile recorded in 2022 has not been observed since monitoring event in September 2022, it is suggested that the juvenile left the nest at SKC and nesting in other area outside our monitoring boundary.
- 7.5.4 All marine works during the monitoring period did not show any effect to the WBSE.
- 7.5.5 Any disturbances from anthropogenic activities on the island were not recorded during the monitoring survey. However, there were fishing boats moving close the shore were recorded. Since the nesting tree is about 160m away from the shore and it is not accessible, fishing boat activities didn't show any direct disturbance to the WBSE nest. No invasion of other fauna species was recorded.

- 7.5.6 There was no sign of using the construction site as a foraging ground.
- 7.5.7 As the incubation was stopped on 23 February 2023 and no chick was recorded, a twice per month construction phase monitoring will be continued in March 2023 during the breeding season (between December to May) in order to monitor the utilization of the area by WBSE and their responses to construction disturbance.







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

8.1 The Environmental Complaint Handling Procedure is shown in Figure 8.1.

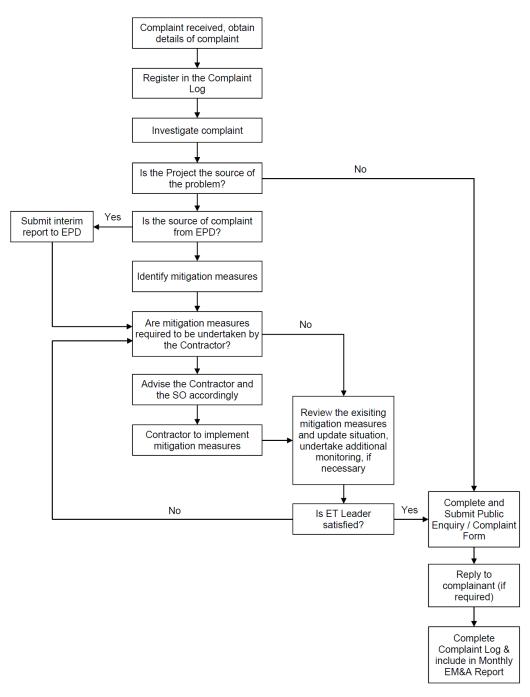


Figure 8.1 Environmental Complaint Handling Procedures

Date	B 1	B2	B3	B 4	CR1	CR2	F1A	H1	S1	S2A	S 3	M1
03-02-2023												
05-02-2023												
07-02-2023												
09-02-2023												
11-02-2023												
14-02-2023												
16-02-2023												
18-02-2023												
20-02-2023												
22-02-2023												
24-02-2023												
27-02-2023												
No. of SS Exceedances	0	0	1	0	0	0	0	2	0	0	0	1

Note 1: Detailed results are presented in Appendix D

Legend:

Legend:
No exceedance of Action Level and Limit Level
Exceedance of Action Level recorded at monitoring station located downstream of the Project based
on dominant tidal flow
Exceedance of Action Level recorded at monitoring station located upstream/unrelated stream
(neither upstream nor downstream, far away) of the Project based on dominant tidal flow
Exceedance of Limit Level recorded at monitoring station located downstream of the Project based
on dominant tidal flow
Exceedance of Limit Level recorded at monitoring station located upstream/unrelated stream of the
Project based on dominant tidal flow
Upstream/unrelated stream station with respect to IWMF Project during the respective tide based on
dominant tidal flow
Downstream station with respect to IWMF Project during the respective tide based on dominant
tidal flow/station within the Project site
NA for measurement
Cancelled due to incident or adverse weather

Date	B 1	B2	B 3	B4	CR1	CR2	F1A	H1	S 1	S2A	S 3	M1
03-02-2023												
05-02-2023												
07-02-2023												
09-02-2023												
11-02-2023												
14-02-2023												
16-02-2023												
18-02-2023												
20-02-2023												
22-02-2023												
24-02-2023												
27-02-2023												
No. of SS Exceedances	1	1	1	1	0	0	0	1	0	0	0	0

Note 1: Detailed results are presented in Appendix D

Legend:

L	
	No exceedance of Action Level and Limit Level
	Exceedance of Action Level recorded at monitoring station located downstream of the Project
	based on dominant tidal flow
	Exceedance of Action Level recorded at monitoring station located upstream/unrelated stream
	(neither upstream nor downstream, far away) of the Project based on dominant tidal flow
	Exceedance of Limit Level recorded at monitoring station located downstream of the Project
	based on dominant tidal flow
	Exceedance of Limit Level recorded at monitoring station located upstream/unrelated stream of
	the Project based on dominant tidal flow
	Upstream/unrelated stream station with respect to IWMF Project during the respective tide based
	on dominant tidal flow
	Downstream station with respect to IWMF Project during the respective tide based on dominant
	tidal flow/station within the Project site
	NA for measurement
	Cancelled due to incident or adverse weather

8.2 During the reporting period, four (4) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Action Level and five (5) of general water quality monitoring results of SS obtained during the reporting period had exceeded the Limit Level. Investigations were carried out for each exceedance during the reporting period.

8.3 No project-related Action Level or Limit Level exceedance of regular water quality monitoring was recorded from the 1 February 2023 to 28 February 2023 as shown in **Appendix N** and no exceedance of the Action and Limit Levels of the regular WBSE monitoring was recorded during the reporting period.

8.4 No notification of summons and prosecution was received in the reporting period.

8.5 Statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix O.

9. EM&A SITE INSPECTION

9.1 Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting period, site inspections were carried out on 07, 14, 23 and 28 February 2023 at the site portions listed in **Table 9.1** below.

Date	Inspected Site Portion	Time
07 February 2023	Portion 1, 1A & 1B (near SKC)	10:30 AM - 11:20 AM
14 February 2023	Portion 1, 1A & 1B (near SKC)	10:30 AM - 11:20 AM
23 February 2023	Portion 1, 1A & 1B (near SKC)	10:30 AM - 11:30 AM
28 February 2023	Portion 1, 1A & 1B (near SKC)	10:30 AM - 11:20 AM

Table 9.1 Site Inspection Record

9.2 One joint site inspection with IEC was carried out on 14 February 2023.

9.3 Environmental deficiencies were observed during weekly site inspection. Key observations during the site inspections of the reporting period are summarized in **Table 9.2**.

Table 9.2 Site Observations

Date	Environmental Observations	Follow-up Status			
	 <u>Observation(s) and Recommendation(s)</u> 1. At work area of 華航, empty oil drum should be stored at designated place for recycling. 	 At work area of 華航, oil drum had been stored at drip trip. 			
07 February 2023 (Site inspection)	2. At work area of 華航 and Mightfort, general housekeeping should be maintained, general waste should be stored inside the enclosed rubbish bin.	2. At work area of 華 航 and Mightfort, general housekeeping had been maintained, general waste had been stored inside the enclosed rubbish bin.			
14 February 2023 (Site inspection)	 <u>Observation(s) and Recommendation(s)</u> 1. At work area of 力堡 and 華航, C&D waste should be sorted out and stored away from general waste. General waste should be stored inside enclosed rubbish bin and removed from site regularly. 2. At work area of 華航, empty oil drum should be stored at designated place for recycling. Chemical in-use should be placed on drip tray. 	 At work area of 力堡 and 華航, C&D waste had been sorted out and stored away from general waste. General waste had been stored inside enclosed rubbish bin and removed from site regularly. At work area of 華航, oil drum had been stored at designated place for recycling. Chemical in-use had been placed on drip tray. 			
23 February 2023 (Site inspection)	Observation(s) and Recommendation(s) Nil	Nil			

Date	Environmental Observations	Follow-up Status				
28 February 2023 (Site inspection)	 <u>Observation(s) and Recommendation(s)</u> 1. Chemical waste should be stored inside the chemical waste store. 	 Chemical waste had been temporarily stored in drip tray for further collection and removal off site. 				

9.4 The Contractor had rectified all the observations identified during environmental site inspections in the reporting period.

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

10. FUTURE KEY ISSUES

10.1 Works to be undertaken in the next reporting month are:

- Reclamation Area:
 - Installation of Instrumentation
 - Site Investigation works for foundation
 - Foundation works (including Driven H Pile and Socketed H Pile)
 - Pile cap construction
 - Structural steel work
- Seawall Portion:
 - Caisson extension works, from +3mPD to +6mPD, at Seawall A and B
 - Construction of wave wall along the vertical seawall

10.2 Potential environmental impacts arising from the above construction activities are mainly associated with construction noise, waste management and ecology.

10.3 The key environmental mitigation measures for the Project in the coming reporting period expected to be associated with the construction activities include:

- Reduction of noise from equipment and machinery on-site;
- Sorting, recycling, storage and disposal of general refuse and construction waste;
- Management of chemicals and avoidance of oil spillage on-site, especially under heavy rains and adverse weather;
- Dust control of exposed soil surface and stockpile of dusty material at reclaimed area;
- Dust suppression measures for exposed earth surface and stockpile of dusty material;
- Site runoff control measure during construction works; and
- Dust and noise control of foundation works.

10.4 The tentative schedule of regular construction noise, water quality and ecology monitoring in the next reporting period is presented in **Appendix P**. The regular construction noise, water quality and ecology monitoring will be conducted at the same monitoring locations in the next reporting period.

11. CONCLUSION AND RECOMMENDATIONS

11.1 This 56th monthly Environmental Monitoring and Audit (EM&A) Report presents the EM&A works undertaken during the period from 1 February to 28 February 2023, in accordance with the Updated EM&A Manual and the requirement under EP-429/2012/A and FEP-01/429/2012/A.

11.2 Construction noise, water quality, construction waste, marine mammal and WBSE monitoring were carried out in the reporting period. No project-related exceedance of the Action and Limit Level was recorded from 1 February to 28 February 2023.

11.3 Weekly environmental site inspections were conducted during the reporting period. Environmental deficiencies were observed during site inspection and were rectified.

11.4 According to the environmental site inspections performed in the reporting month, the Contractor was reminded to pay attention on the proper storage of the chemicals for preventing accidental spillage of chemicals, deployment of geotextile for preventing site runoff and proper storage of general waste to maintain the site tidiness.

11.5 No environmental complaint was received in the reporting period.

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

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

Appendix A Master Programme

ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	% Current Start te	Current Finish	Late Start	Late Finish	Total Float M62 Remarks		Jan	2023 Feb	Mar Apr
Programme for Desi	gn and Construction Works WP6G-M62 (Jan-23 updated)	3049	1153		22-Nov-1	7 A 28-Mar-26	11-Nov-22	10-Jul-26	104		62	63	64 65
Key Dates	<u> </u>	3049	1026		22-Nov-1	7 A 28-Mar-26	25-Dec-22	10-Jul-26	104				
Contractual Key Da	ites	2844	404		22-Nov-1	7 A 04-Sep-25	25-Dec-22	10-Jul-26	309				
Design and Construct		2788	348	10.00	_	7 A 10-Jul-25		10-Jul-25	0				
<pre>01-1000 01-1010</pre>	Contract Award/Date of Acceptance of Tender Date of Commencement of the Design and the Works	0	0		6 22-Nov-1 6 15-Dec-1		25-Dec-22 25-Dec-22						
01-1015(3)(M12)	Original Substantial Completion of the Works	0	0	0%		27-Jul-24*	20 200 22	27-Jul-24	0				
— 01-1020	Extended Substantial Completion of The Works	0	0	0%		10-Jul-25*		10-Jul-25	0				
Extension of Time Gi 01-1015-1(3)(M12)	anted Extension of time granted (*Claim No.9 excluded)	348 348	348 348	0%	27-Jul-24 6 27-Jul-24		27-Jul-24 27-Jul-24	10-Jul-25	0				
Operation Phase	Extension of time granted (Crain No.9 excluded)	56	540 56	0%	11-Jul-25		27-Jul-24		309				
— 01-1030	Commencement of Operation	0	0	0%	6 11-Jul-25		11-Jul-25		0				
01-1230	Issue Certificate of Completion of the Works (56 days after Substantial Completion)	0	0	0%	_	04-Sep-25		10-Jul-26	309				
Planned Completic 01-1030(5a)	Grid Connection Agreement (GCA)	910 0	910 0	0%	30-Sep-2	3 28-Mar-26 31-Oct-23*	30-Sep-23	06-Jan-26 30-Oct-23	- <mark>81</mark> 0				
01-1040	Incoming Power Energization to IWMF Substation	0	0	0%		24-Jan-25		10-Jul-25	167				
01-1050	Export Power to Grid	0	0	0%	6	31-Oct-24*		31-Oct-24	0				
01-1060	Issuance of FS Certificate	0	0	0%		24-Jan-25		15-Jan-25	-9				
01-1070	Completion of Civil Provision for Transmission	0	0	0%		30-Sep-23		30-Sep-23	-81				
<pre>01-1080 01-1090</pre>	Commencement of C1.3.4.11 System Commissioning Test Completion of C1.3.4.11 System Commission Test	0	0	0%	6 07-Apr-25	23-Apr-25	16-Jan-25	01-Feb-25	-81				
01-1100	Physical Completion of 90 Days Plant Commissioning Test Works	0	0	0%		08-Sep-25		19-Jun-25	-81				
01-1110(3)(M15)	Planned Substantial Completion of the Works	0	0	0%	6	29-Sep-25		10-Jul-25	-81				
01-1110-1(5a)	Completion of 180 Days for Installation, T&C of CCTV System and Onshore Power System at Portion	0	0	0%		28-Mar-26*		06-Jan-26	-81				
Dates of Site Poces O1-1120	Possession of Portion 1	2765 0	765 0	100%		7 A 11-Jul-25 15-Dec-17	25-Dec-22	11-Jul-25 25-Dec-22	0				
01-1120	Possession of Portion 1A	0	0	100%		15-Dec-17		25-Dec-22					
01-1140	Possession of Portion 1B	0	0	100%	6	15-Dec-17		25-Dec-22					
01-1150	Possession of Portion 2	0	0		6 11-Jul-25		11-Jul-25		0				
01-1160	Possession of Portion 3	0	0	0%		06-Jun-23*		06-Jun-23	0				
01-1170 01-1180	Possession of Portion 4 Possession of Portion 5	0	0	0%		06-Jun-23* 06-Jun-23*		06-Jun-23 06-Jun-23	0				
01-1190	Possession of Portion 6	0	0		6 20-Oct-24		16-Jan-25		88				
01-1200	Possession of Portion 7	0	0	100%	6	05-Jan-18	4	10-Jul-25					
01-1210	Possession of Portion 7A	0	0	100%		07-Dec-18		10-Jul-25					
01-1210(5a) 01-1210-1(M55)	Possession of Portion 8 Possession of Portion 9	0	0		6 29-Apr-20		11-Jul-25 11-Jul-25						
Contract Prelimir		56	40	10076		2 A 11-Mar-23		11-Jan-25	672				
Employer's Accom		56	40		14-Jun-22	2 A 11-Mar-23	03-Dec-24	11-Jan-25	672				
02-1020	Establishment of Employer's On Island Temporary Accommodation	56	40	28.57%	6 14-Jun-22	2 A 11-Mar-23	03-Dec-24	11-Jan-25	672				11-Mar-23, Establishment of Employer's C
Licence/Permit A	pplications	2120	854		07-Mar-1	9 A 02-Jun-25	31-Jan-23	10-Jul-25	38				
License/Permit for		2120	854			9 A 02-Jun-25			38				
03-1360(2)	CNP for 24Hrs	2120 0	854 0			9 A 02-Jun-25		10-Jul-25	38 687				
 03-1370(5a) 03-1370_1(M34) 	EPD Discharge License for System Commissioning Landscape and Visual Plan	180	142		6 01-Mar-2 6 24-Dec-2	3 2 A 21-Jun-23	16-Jan-25 31-Jan-23	21-Jun-23	0				scharge License for System Commissioning,
DG Licence		210	210	2		3 27-Sep-23							
_Day Tank & Fuel Oil S		210	210			3 27-Sep-23			81				
03-1400	General Building Plans and FSI Provision Design Submission to FSD (Cat 5)	30	30			3 31-Mar-23		20-Jun-23	81			02-Mar-23	31-Mar-23, General E
03-1410 Chemical Stores (all provide the second stores)	DGD and VD Review and Approval of Submission	180 201	180 201			3 27-Sep-23 3 18-Sep-23			81 189				01-Apr-23
03-1480	Plans and FSI Provision Design Submission to FSD	21	21			3 22-Mar-23		27-Sep-23	189			02-Mar-23	22-Mar-23, Plans and FSI Pro
03-1490	DGD and VD Review and Approval of Submission	180	180			3 18-Sep-23		25-Mar-24	189				23-Mar-23
	Ilations (FSI) Certificatie tions Certificate Inspection	0	0			3 01-Mar-23 3 01-Mar-23		06-Mar-23 06-Mar-23	5				
03-1555-1(5a)	Approval of General Building Plans and FSI Provision Design Submission	0	0	0%		01-Mar-23		06-Mar-23	5			◆ Approv	al of General Building Plans and FSI Provisio
Air Pollution Contr	ol (Specified Processes) License	335	335		06-Jan-23	3 A 31-Dec-23	31-Jan-23	31-Dec-23	0				
03-1740(3)	Document preparation for SP License Application (upon consent of relevent DDA designs)	60	35			3 A 06-Mar-23		06-Mar-23	0		A		ocument preparation for SP License Applicati
03-1750(3)	SP License Application Submissions and review by EPD	300	300	0%		3 31-Dec-23		31-Dec-23	0			07-Mar-23 💻	
Boilers and Pressu 03-1860(3)	Employment of Registered Examiner	335 90	90 0	100%		2 A 30-Apr-23 2. 31-Jan-23		18-May-23 17-Feb-23	18 18			31-Jan-23, Employment of Registered	Examiner, Employment of Registered Exami
03-1870(3)	Prepare boiler fabrication inspection plan	60	0			2. 31-Jan-23		17-Feb-23	18				spection plan, Prepare boiler fabrication insp
03-1880(3)	Submission of boiler fabrication inspection plan for License Application	90	90			3 30-Apr-23		18-May-23	18		31-Jan-23		
03-1890(3)	Completion of Boiler off-site fabrication	180		83.33%		2 A 24-Apr-23		14-Apr-23	-10				
General Submiss		2389	120			8 A 30-May-23			229				
Contractor's Plans	Submission and Approval	2389	120		27-Nov-1	8 A 30-May-23	29-Jan-23	14-Jan-24	229				
	lling Programme (January 2023)							Dor	naining Work 🔶	Actual Miles	tone		

	eghers									ontract No. EP/SP/66/1		保護著 nomental Protection Dep
	- 紙 琴 潮 登 会 三 atts BLACONT VENTER Activity Name	Original	Remaining	Activity %	Current Start	Current Finish	Late Start Late Finish	Total Float M62 Remarks	Integrated Waste Manage	ment Facilities, Phase		
		Duration	Duration	Complete					Jan62	Feb 63	Mar 64	Apr 65
04-1400(1)	Operation Plan (OP)	240	120			A 30-May-23		229				
04-1450(1)	Asset Management Plan (AMP)	120	120		31-Jan-23			42	31-Jan-23		· · · · · · · · · · · · · · · · · · ·	
04-1500(1) BEAM Plus Asse	Handback Plan (HP)	120	120			30-May-23	14-Mar-23 11-Jul-23 29-Jan-23 27-Feb-23	42 -2	31-Jan-23			
04-1500-1(1)	Provisional Assessment	1108	30				29-Jan-23 27-Feb-23	-2		Provisiona	I Ass es sm ent, 01 - Mar-2	-23*, 01-Mar-23*, Pi
Design Submi	issions	1982	456		11-Jul-18 A	30-Apr-24	09-Dec-22 10-Jul-26	801				
General Buildin		609	60		03-Mar-21 /	A 31-Mar-23	02-Feb-23 07-Apr-24	373				
04-1600(M42)	Process Building & Wastewater Treatment Plant	135	30	77.78%	03-Jun-21 A	A 01-Mar-23	05-Feb-23 06-Mar-23	5	·	01-Mar-23	, Process Building & W	Vastewater Treatmo
04-1610(M42)	Turbin Hall Building	135	30	77.78%	03-Mar-21 A	A 01-Mar-23	05-Feb-23 06-Mar-23	5		01-Mar-23	, Turbin Hall Building, Tu	Furbin Hall Building
04-1620(M42)	Compressor & CCCW Building	135	30	77.78%	03-Mar-21 A	A 01-Mar-23	05-Feb-23 06-Mar-23	5		01-Mar-23	, Compressor & CCCW	V Building, Compre
04-1630(M42)	Chimney	135	30	77.78%	03-Mar-21 A	A 01-Mar-23	05-Feb-23 06-Mar-23	5			, Chimney, Chimney, 01	
04-1640(M42)	Mechanical Treatment Plant & Water Treatment Plant	135	30			A 01-Mar-23		5			, Mechanical Treatment	
04-1650(M42)	Reception Pavilion	135	30			01-Mar-23		5			, Reception Pavilion, Re	
04-1660(M42)	Administration Building and Viewing Gallery Elevated Drive Way and Associated Structures	135	30			01-Mar-23		5			Administration Building	
04-1670(M42) 04-1680(M42)	IW MF Substation	135	30			A 01-Mar-23 A 01-Mar-23		5			Elevated Drive Way an IWMF Substation, IWM	
04-1690(M46)	ACC Equipment Structure	30	30		31-Jan-23			5	31-Jan-23		ACC Equipment Struct	
04-1700	Ves sel Offloading Point	60	60	0,0		31-Mar-23		373	31-Jan-23	0di 20		1-Mar-23, Vessel (
04-1710	Vehicle Fuel Filling Station	60	60		31-Jan-23		·	290	31-Jan-23			1-Mar-23, Vehicle
04-1720	Fuel Filling Kiosk	60	60	0%	31-Jan-23	31-Mar-23		290	31-Jan-23		31	1-Mar-23, Fuel Fill
04-1730	Weighbridge	135	22	5%	22-Apr-22 A	A 21-Feb-23	06-Jun-23 27-Jun-23	126		21-Feb-23, Weight	oridge, Weighbridge, 21	1-Feb-23
04-1740	Seawater Intake Structure	60	60	0%	31-Jan-23	31-Mar-23	02-Feb-23 02-Apr-23	2	31-Jan-23		31	1-Mar-23, Seawate
	ckage Submissions	1793	274			31-Oct-23		348				
	atment, Reclamation, Seawall, Breakwater, Berth (2.2)	669	60			31-Mar-23		202		Maarian Dalaking Od. Jan 00. 04. Jan 00.	Arrian Dalahian	
05-2960-1(M37)		90	0			A 31-Jan-23 A 02-Feb-23		-52		Mooring Dolphins, 31-Jan-23, 31-Jan-23, 02-Feb-23, Onshore crane Facility (2.2.		aility (2.2.11) 02 E
05-2970	Onshore crane Facility (2.2.11) Onshore vessel power supply system (2.2.12)	135	60	0,0		31-Mar-23		202		02-Feb-23, Orishore crane Facility (2.2.		1-Mar-23. Onshore
	Plant Buildings (2.3)	1579	60		-		31-Jan-23 21-Aug-24	509				
-	t Drawings and Fire Saftey Strategy (2.3.00)	579	30			01-Mar-23		105				
05-1210	Process Building & Wastewater Treatment Plant (2.3.00.01 & 2.5.00.01)	105	C			A 31-Jan-23		5		31-Jan-23, Process Building & Wastewat	er Treatment Plant (2.3.0	.00.01 & 2.5.00.01
05-1220	ACC Equipment Structure	30	30	0%	31-Jan-23	01-Mar-23	16-May-23 14-Jun-23	105	31-Jan-23	01-Mar-23	ACC EquipmentStruc	cture
05-3020	Site Master Layout Plan and Plant Layout (2.1.06)	105	C	65%	31-Jul-21 A	31-Jan-23	04-Feb-23 04-Feb-23	5		31-Jan-23, Site Master Layout Plan and P	ant Layout (2.1.06), Site	te Master Layout P
Foundation des		135				01-Mar-23		5				
05-3090	Reception Pavilion	135	30			01-Mar-23		5 339		01-Mar-23	, Reception Pavilion, Re	eception Pavilion,
Structural desig 05-3090-1(M55)		135	60			31-Mar-23	كالمكانية الأقام كالمكانية المتعادية	339			31	1-Mar-23, Sky Deo
,	agement System (2.3.03.04)	121					31-Jan-23 16-Feb-24	338				
05-2250	Design of the Air Quality Monitoring Stations (2.9.01)	60	44	5%	01-Jun-22 A	A 15-Mar-23	31-Jan-23 15-Mar-23	0			Design of the Air Que Design of the Air Q	Quality Monitoring
05-3840-1(M22)	2) Automatic Traffic Control System (ATCS) (2.10.06.12)	90	14	5%	14-Feb-22 /	A 13-Feb-23	03-Feb-24 16-Feb-24	368		13-Feb-23, Automatic Traffi	c Control System (ATCS	S) (2.10.06.12), A
	es design (excluding fire services installation design) (2.3.06)	1579	60				06-May-23 21-Aug-24	509				
05-1550	Electrical Services and Lighting						06-May-23 04-Jun-23	95		01-Mar-23	, Electrical Services and	
05-1560	MVAC (6 Packages)	105	60			A 31-Mar-23	· · ·	126				1-Mar-23, MVAC
05-1570	Odour Control	135	60			A 31-Mar-23		126				1-Mar-23, Odour (1-Mar-23, Plumbi
05-1580	Plumbing (7 Packages) Drainage (7 Packages)	210	60			A 31-Mar-23 A 31-Mar-23		347 347				1-Mar-23, Plumbi 1-Mar-23, Drainad
05-1600	ELV (7 Packages)	135	30			A 01-Mar-23		95		01-Mar-23	, ELV (7 Packages), EL	
05-1770	Vehicle & Container Wash System	60	60			31-Mar-23		174	31-Jan-23			1-Mar-23, Vehicle
05-1770-1(M20)	· ·	135	30			A 01-Mar-23		539		01-Mar-23	Water Cannon System	
. , ,	s installation design (2.3.05)	270	30		-		16-May-23 14-Jun-23	105				
Reception Pavil	lion (2.3.05.06)	270	30		31-Oct-19 A	01-Mar-23	16-May-23 14-Jun-23	105				
05-5460(M22)		270	30			01-Mar-23		105			Fire Systems (2.3.05.0	
05-5470-1(M22)		135	30			01-Mar-23	,	105		01-Mar-23	, FS schematics (2.3.05	5.06.03), FS sche
AIP Mechanical 1 05-1670	Treatment Plant Building (2.4) Electrical and instrumentation works design (2.4.03)	212 30	60 30			01-Mar-23	23-Mar-23 12-Mar-24 12-Jul-23 10-Aug-23	<u>347</u> 162	31-Jan-23*		Electrical and instrum	ontation works d
05-1680	Mechanical works design (2.4.04)	30	30			01-Mar-23		315	31-Jan-23*		Mechanical works desi	
	es design (excluding fire services installation design) (2.4.06)	212					23-Mar-23 12-Mar-24	347		01-wai-23		
	LV and Emergency Power Distribution Design	135	60			31-Mar-23		347			31	1-Mar-23, LV and
Building service	Odour Control	90	30	80%	11-Jul-18 A	01-Mar-23	23-Mar-23 21-Apr-23	51			, Odour Control, Odour (Control, 01-Mar-2
Building service		90	10	70%	10-Jan-21 A	09-Feb-23	06-May-23 15-May-23	95		09-Feb-23, Drainage, Drainage,	09-Feb-23	
Building service 05-1700 05-1720	Drainage		60				09-Apr-23 23-Jan-24	298				
Building service 05-1700 05-1720 05-1740 AIP Wastewater 1	Treatment Plant (2.5)	1170			and the second se	01 Max 00	09-Apr-23 23-Jan-24	298				
Building service 05-1700 05-1720 05-1740 AIP Wastewater 1 Building service	Treatment Plant (2.5) es design (excluding fire services installation design) (2.5.06)	1170	60									1-Mar-23, LV and
Building service 05-1700 05-1720 05-1740 AIP Wastewater 1 Building service 05-1830	Treatment Plant (2.5) es design (excluding fire services installation design) (2.5.06) LV and Emergency Power Distribution Design (2.5.06.01)	1170 135	60 60	25%	31-Jan-19 A	A 31-Mar-23		298				
Building service 05-1700 05-1720 05-1740 AIP Wastewater T Building service 05-1830 05-1840	LV and Emergency Power Distribution Design (2.5.06.01) MVAC (2.5.06.02)	1170 135 135	60 60 60	25% 25%	31-Jan-19 A 31-Jan-19 A	A 31-Mar-23 A 31-Mar-23	24-Apr-23 22-Jun-23	83			31	1-Mar-23, MVAC
Building service 05-1700 05-1720 05-1740 AIP Wastewater T Building service 05-1830 05-1840 05-1850	Treatment Plant (2.5) es design (excluding fire services installation design) (2.5.06) LV and Emergency Power Distribution Design (2.5.06.01) MVAC (2.5.06.02) Odour Control (2.5.06.03)	1170 135 135 135 105	60 60	25% 25% 5%	31-Jan-19 A 31-Jan-19 A 31-Dec-21 A	 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 	24-Apr-23 22-Jun-23 30-Apr-23 28-Jun-23	83 89			31 31	1-Mar-23, MVAC 1-Mar-23, Odour
Building service 05-1700 05-1720 05-1740 AIP Wastewater T Building service 05-1830 05-1840 05-1850 05-1860	Treatment Plant (2.5) est design (excluding fire services installation design) (2.5.06) LV and Emergency Power Distribution Design (2.5.06.01) MVAC (2.5.06.02) Odour Control (2.5.06.03) Plumbing (2.5.06.04)	1170 135 135 135 105 135	00 00 00 00 00 00	25% 25% 5% 25%	31-Jan-19 A 31-Jan-19 A 31-Dec-21 A 31-Jan-19 A	 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 	24-Apr-23 22-Jun-23 30-Apr-23 28-Jun-23 24-Apr-23 22-Jun-23	83 89 83			31 31 31 31	1-Mar-23, MVAC 1-Mar-23, Odour (1-Mar-23, Plumbi
Building service 05-1700 05-1720 05-1740 AIP Wastewater T Building service 05-1830 05-1840 05-1850	Treatment Plant (2.5) es design (excluding fire services installation design) (2.5.06) LV and Emergency Power Distribution Design (2.5.06.01) MVAC (2.5.06.02) Odour Control (2.5.06.03)	1170 135 135 135 105	60 60 60	25% 25% 5% 25% 25%	31-Jan-19 A 31-Jan-19 A 31-Dec-21 J 31-Jan-19 A 31-Jan-19 A	 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 A 31-Mar-23 	24-Apr-23 22-Jun-23 30-Apr-23 28-Jun-23 24-Apr-23 22-Jun-23	83 89			31 31 31 31 31 31	1-Mar-23, MVAC 1-Mar-23, Odour

3-Month Rolling	Programme	(January	<mark>/ 2023</mark>)
------------------------	-----------	----------	-----------------------

Page 2 of 18

Actual Work

Critical Milestone

Critical Remaining Work

	Activity Name	Original	Remaining	Activity %	Current Start	Current Finish	Late Start	Late Finish	Total Float M62 Remarks	 U	ment Facilities, Phas	
		Original Duration	Remaining Duration	Complete						 Jan 62	Feb 63	Mar Apr 64 65
	nt Plant Building (2.6)	135	60			31-Mar-23			167		·····	
Building services 05-1960	design (excluding fire services installation design) (2.6.06) Electrical Services and Lighting (2.6.06.01)	135 135	60 60		30-Apr-19 A 30-Apr-19 A		06-May-23 17-Jul-23		<u>167</u> 167	 		31-Mar-23. Electric
05-2000	Drainage	135	10		20-Mar-22 A		06-May-23	· · ·	95	 	09-Feb-23, Drainage, Draina	
AIP Admin istration		1278	90			30-Apr-23	01-Feb-23		77	 		
05-2050	Electrical and instrumentation works design (2.7.03)	90	90	0%	31-Jan-23	30-Apr-23	18-Apr-23	16-Jul-23	77	31-Jan-23 🗖		
	design (excluding fire services installation design) (2.7.05)	135	50		31-Oct-19 A		01-Feb-23		1	 		
05-2080	MVAC	135 180	50 30		31-Oct-19 A	21-Mar-23 01-Mar-23	01-Feb-23 04-Apr-23		1 63	 		21-Mar-23, MVAC, MVAC, 21-
05-2170	Electrical and instrumentation works design (2.8.03) (14 Packages)	180	30		31-Oct-19 A		04-Apr-23		63		01-Mar	23, Electrical and instrumentation works de
AIP Chimney		517	60		20-Sep-21 A	31-Mar-23	17-Jul-23	07-Apr-24	373			
05-7390	Fire services installation design	60	60		31-Jan-23		08-Feb-24		373	 31-Jan-23 🗖		31-Mar-23, Fire ser
Building services 05-5430(5a)	design (excluding fire services installation design) Electrical Services and Lighting	151 90	60 60		20-Sep-21 A 20-Sep-21 A	ļ	17-Jul-23 10-Dec-23		313 313	 		31-Mar-23, Electric
05-5430(5a)	MVAC	90	30		20-Sep-21 A 20-Sep-21 A		21-Sep-23		233	 	01-Mar	23, MVAC, MVAC, 01-Mar-23
05-5450(5a)	Plumbing	90	60		20-Sep-21 A		03-Dec-23		306	 		31-Mar-23, Plumbin
05-5460-1(5a)	Drainage	90	60		20-Sep-21 A		03-Dec-23		306	 		31-Mar-23, Drainag
05-5470(5a)	ELV	90	60	5%	20-Sep-21 A	31-Mar-23	10-Dec-23	07-Feb-24	313	 		31-Mar-23, ELV, EL
05-5490(5a)	Building Management System (BMS)	90	60	5%	27-Oct-21 A	31-Mar-23	17-Jul-23	14-Sep-23	167			31-Mar-23, Building
	Way and Associated Structures Foundation	105	60			31-Mar-23			17	 		
	design (excluding fire services installation design)	105 105	60 60		31-Dec-21 A 31-Dec-21 A		17-Feb-23 17-Feb-23	<u> </u>	<u>17</u> 17	 		21 Mar 22 Electric
05-7090 AIP Roads and Util	Electrical Services and Lighting	882	60 60				04-Mar-23	· · ·	233	 · · · · · · · · · · · · · · · · · · ·		31-Mar-23, Electric
	em design on the Artificial Island (2.10.04)	882	60		31-Oct-20 A		10-Mar-23		173	 		
05-2360	Water Tanks (2.10.04.05)	60	60	0%	31-Jan-23	31-Mar-23	10-Mar-23	08-May-23	38	31-Jan-23 🗖		31-Mar-23, Water 7
05-2370-2(M24)	Building Services system for seawater intake (2.10.04.09)	105	60	5%	31-Oct-20 A	31-Mar-23	23-Jul-23	20-Sep-23	173			31-Mar-23, Building
05-2370-3(5a)	Chemical scrubber system for odour control (2.10.04.10)	105	60		31-Oct-21 A		23-Jul-23	· · · ·	173	 		31-Mar-23, Chemic
Design of telecom 05-2380	munication and other utilities (2.10.06)	590 135	<u>6</u> 1		31-Jan-21 A		04-Mar-23		271 276	 	21 Jan 22 Dawar Diatribution Custom	
05-2380	Power Distribution System concept / schematics (2.10.06.01) Site ELV Network System - Navigation aids concept / schematics (2.10.06.06)	135	6		31-Jan-21 A 31-May-22		03-Nov-23 04-Mar-23		32	 		concept / schematics (2.10.06.01), Power E stem - Navigation aids concept / schematics
	bridges design (2.10.25)	455	60		01-May-21		18-Aug-23		233	 		sient - Navigation aus concept/ schematics
05-2460	Design of Pipe / Utilities Trenches concept (2.10.06.09.01)	105	60		01-May-21		21-Sep-23		233			31-Mar-23, Design
05-2470	Sitewide Utilities Trenches Design (2.10.06.09.02)	105	60	5%	01-May-21	31-Mar-23	21-Sep-23	19-Nov-23	233			31-Mar-23, Sitewid
	Pipe Bridge Network	60	30		31-May-22		18-Aug-23	· · ·	199	 		
05-6010	Pipebridge B	60	30		31-May-22		18-Aug-23	· · · · · · · · · · · · · · · · · · ·	199	 		23, Pipebridge B, Pipebridge B, 01-Mar-23
05-6020	Pipebridge C Finishes and Landscaping Works (2.11)	60 943	30 90		31-May-22	01-Mar-23 30-Apr-23	18-Aug-23 07-Feb-23	· · · · · · · · · · · · · · · · · · ·	199 347	 	01-Mar	23, Pipebridge C, Pipebridge C, 01-Mar-23
	nal finishes design	439	10		31-Oct-20 A	· · · ·	27-Apr-23		132	 		
05-2570	External and internal finishes design for MT Plant Building (2.11.02)	105	10	45%	31-Oct-20 A	09-Feb-23	12-Jun-23	21-Jun-23	132		09-Feb-23, External and inte	nal finishes design for MT Plant Building (2
05-2590	External and internal finishes design for the Water Treatment Plant Building (2.11.04)	105	10		30-Sep-21 A		12-Jun-23	21-Jun-23	132			nal finishes design for the Water Treatment
05-2600	External and internal finishes design for the Administration Building (2.11.05)	105	10		31-Oct-20 A		27-Apr-23	-	86	 	09-Feb-23, External and inte	nal finishes design for the Administration B
Landscaping Worl		180	30				07-Feb-23		7	 		20 London Montenitor & London P
05-2620 05-2920_3(M34)	Landscape Masterplan & Landscape Design for Water Feature (2.11.07.01) Landscape Architectural Design for MT Plant Building and Water Treatment Plant Building (2.11.07.07	105 105	30 30		19-Jun-20 A 16-Jun-22 A		07-Feb-23 07-Feb-23		7	 		23, Landscape Masterplan & Landscape De 23, Landscape Architectural Design for MT
05-2920 4(M34)	Landscape Architectural Design for Administration Building (2.11.07.08)	105	30		08-May-20		07-Feb-23		7	 		23, Landscape Architectural Design for Adr
Facade Structural		486	90				23-Aug-23		347	 		,
05-8040-1(6D)	Reception Pavilion (2.3.14.07.01)	90	60		05-Oct-21 A		19-Dec-23		322			31-Mar-23, Recepti
05-8050-1(6D)	Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01)	90	60		08-Mar-22 A		19-Nov-23		292	 		31-Mar-23, Mechar
05-8060-1(6D)	Adminstration Building and Viewing Gallery (2.7.12.01)	90	60		07-Dec-21 A		20-Sep-23		232	 		31-Mar-23, Admins
05-8080-1(6D)	Elevated Driveway and Associated Structures	91	30		26-Aug-21 A		23-Aug-23		204		01-Mar	23, Elevated Driveway and Associated Stru
05-8090-1(6D)	Sky Deck near Administration Building Structural Design	90 1476	90 165		31-Jan-23		13-Jan-24 18-Aug-23		347 199	 31-Jan-23 🗖		
05-2650-1(5)	Factory Acceptance Testing plan (2.12.01.02-07) (8 Packages)	1476	60		23-Apr-19 A		18-Aug-23		199			31-Mar-23, Factory
05-2660	Site Acceptance Testing plan (2.12.02)	105	105		01-Apr-23		17-Oct-23		199	 		01-Apr-23
AIP Transportation	Facilities for the Operation (2.13)	105	0		30-Sep-20 A	31-Jan-23	11-Mar-23	11-Mar-23	40	 		
05-2690	Design of vehicles for MSW and Ash and Residues delivery (2.13.01)	105	0		30-Sep-20 A		11-Mar-23		40			and Ash and Residues delivery (2.13.01),
IP Miscellaneous		927	105				10-Feb-23		55			
05-2710 05-2720	Design of process related CCTV and existing onshore crane replacement works at Portion 2 (2.14.01)	105 105	105 60		31-Jan-23		10-Feb-23		10 100	 31-Jan-23		21 Mar 02 Design
J5-2720 IP Miscellaneous	Design of visitors and environmental education facilities (2.14.02) Detailing (2.15)	105 243	60 90		31-Oct-20 A		11-May-23 29-May-23		532	 		31-Mar-23, Desigr
05-2730	Covered walkway at passenger berth (2.15.02)	90	90		31-Jan-23		16-Jul-24		532	 31-Jan-23 🗖		
05-2740	Gatehouses (2.15.03)	90	90		25-May-22	· ·	06-Aug-23		187			
05-2750	Weighbridge office (2.15.04)	90	30		-	· ·	29-May-23		118		01-Mar	23, Weighbridge office (2.15.04), Weighbr
AIP Auxiliary Plant		90	90		31-Jan-23	30-Apr-23		· ·	141			
05-2760	Maintenance workshops (2.16.01)	90	90		31-Jan-23	· ·	22-Mar-23		50	 31-Jan-23 🗖		
05-2770	Vehicle Fuel Filling Station (2.16.02)	90	90		31-Jan-23	· · ·	21-Jun-23	· · ·	141	 31-Jan-23		
05-2780	Stores systems (2.16.03)	90	90	0%	31-Jan-23		24-May-23 23-Oct-23	21-Aug-23	113	 31-Jan-23 🗖		

3-Month Rolling Programme (January 2023) Page 3 of 18

Remaining Work Actual Work

Critical Milestone

Milestone

Critical Remaining Work

	U-4-FOINT YEARTURE Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start Late Finish	Total Float M62 Remarks	
05-8010(6E)	Warehouse (O&M Scope)	185	11	5% 04-Jul-22 A	10-Feb-23	23-Nov-23 03-Dec-23	296	62
05-8020(6E)	Workshop (O&M Scope)	177	177	0% 31-Jan-23*	26-Jul-23	23-Oct-23 16-Apr-24	265	31-Jan-23*
05-8030(6E)	Ash & Residues Container (O&M Scope)	160	7	5% 06-Jun-22 A	06-Feb-23	25-Apr-24 01-May-24	450	
05-8040(6E)	Bicar Debagging Station (O&M Scope)	105	109	5% 17-Nov-22 A	19-May-23	23-Mar-24 09-Jul-24	417	
05-8050(6E)	Other Mobile Plants (O&M Scope)	149	149	0% 31-Jan-23*	28-Jun-23	23-Dec-23 19-May-24	326	31-Jan-23*
05-8050-1(M55)	Design of (pilot) Electric Vehicle	214	214	· ·	31-Oct-23	20-Nov-23 20-Jun-24	233	
DDA Design Packa		1982	456	05-Sep-18 A	1 T T T	10-Dec-22 10-Jul-26	801	
DDA Processand La		1078	196	22-Apr-20 A			432	
05-5090	cess design for incineration (2.1.13) Incineration System (2.1.13.01) (2 Packages)	1078 105	196 14	22-Apr-20 A 5% 22-Apr-20 A		14-Jun-23 19-Oct-24 14-Jun-23 27-Jun-23	432 134	
05-5100	Heat Recovery Boiler (2.1.13.02) (2 Packages)	105	14	5% 23-Apr-20 A		14-Jun-23 27-Jun-23	134	
05-5120	Leachate Collection and Treatment (2.1.13.05) (2 Packages)	256	196	25% 30-Jun-22 A		07-Apr-24 19-Oct-24	432	
05-5140	Overall Plan Water Scheme (2 1.13.07)	105	60	5% 29-Jan-21 A		21-Aug-24 19-Oct-24	568	
05-5150	Boiler Feed Water System (21.13.03) (2 Pack ages)	105	0	45% 23-Apr-20 A		16-Aug-23 16-Aug-23	198	
MSW treatment proc	cess design for mechanical treatment (2.1.14)	919	189	02-Oct-20 A	07-Aug-23	13-Apr-23 21-Jan-24	167	
05-3500	Mechanical Treatment Plant (2.1.14)	181	181	0% 08-Feb-23*	07-Aug-23	25-Jul-23 21-Jan-24	167	08-F
05-3510	Water Treatment Plant and Boiler Water Treatment (Demin Unit) Plant	105	29	5% 02-Oct-20 A	28-Feb-23	13-Apr-23 11-May-23	72	
	y and Power generation system (2.1.15)	105	60	30-Sep-21 A		02-Nov-23 31-Dec-23	275	
05-5240	Compressed Air Plants	105	60	25% 30-Sep-21 A		02-Nov-23 31-Dec-23	275	
	process design for incineration (2.1.16)	105	59	23-Apr-20 A		21-Mar-23 18-May-23	49	
<pre>05-4660 05-4980</pre>	Flue Gas Treatment System (2 Packages) Boiler ash and APC residue handling and solidification (2 Packages)	105 105	59 25	80% 23-Apr-20 A 80% 30-Sep-20 A		21-Mar-23 18-May-23 24-Apr-23 18-May-23	49 83	
	nt design for MSW and Ash and Residues (21.17)	105	44	25-Aug-21 A		06-Jul-23 03-Dec-23	263	
05-4390	Weighbridge Systems	105	29	5% 25-Aug-21 A		05-Nov-23 03-Dec-23	278	
05-4410	Mechanical Shredder	105	44	5% 25-Sep-21 A		06-Jul-23 18-Aug-23	156	
	ent, Reclamation, Seawall, Breakwater, Berth (2.2)	1622	150	20-Jan-19 A		10-Dec-22 24-May-24	330	
05-3430-2(M37)	Geotechnical Interpretative Report (2.2.02.02)	105	10	65% 31-Dec-20 A	09-Feb-23	14-Jun-23 23-Jun-23	134	
05-3450	Seawall design (2.2.20)	60	20	65% 20-Jan-19 A	19-Feb-23	14-Mar-24 02-Apr-24	408	
05-3470	Berth design (2.2.22)	60	20	65% 30-Jan-19 A	19-Feb-23	30-Sep-23 20-Oct-23	243	
05-3470-1(M37)	Mooring Dolphins	60	15	75% 15-Nov-22 A	14-Feb-23	10-Dec-22 24-Dec-22	-52	
05-3480	Onshore crane Facility (2.2.23)	60	60	0% 03-Feb-23	03-Apr-23	26-Mar-24 24-May-24	417	03-Feb-2
05-3490	Onshore vessel power supply system (2.2.24)	90	90	0% 01-Apr-23	29-Jun-23	20-Oct-23 17-Jan-24	202	
DDA Incineration Pla		1750	224	05-Sep-18 A			1033	
Structural design (2 05-3280-1(M55)	2.3.14) Sky Deck	90 90	90 90	01-Apr-23 0% 01-Apr-23	29-Jun-23 29-Jun-23	05-Mar-24 02-Jun-24 05-Mar-24 02-Jun-24	339 339	
	umentation works design (2.3.15)	1630	105	05-Sep-18 A		06-Mar-23 10-Jul-26	1152	
2.3.15.01		105	62	05-Nov-21 A		16-Aug-23 16-Oct-23	197	
05-3360	11kV/380V Power Transform ers Design (2.3.15.01)	105	62	80% 05-Nov-21 A		16-Aug-23 16-Oct-23	197	
E&IC Package 1 (P	Process Island) (2.3.15.02)	378	98	22-Sep-20 A	08-May-23	06-Mar-23 10-Jul-26	1159	
05-3370	Electric Heat Tracing (Process Island) (23.15.0210)	120	30	5% 17-Feb-22 A	01-Mar-23	28-Jul-23 26-Aug-23	178	
05-3390-10(M55)	Electrical Works - MCC Panels (2.3.15.02.01)	105	16	80% 22-Sep-20 A		11-Aug-23 26-Aug-23	192	
05-3390-11(M55)	Electrical Works - Process Island Uninterruptable Power Supply (UPS) (2.3.15.02.03)	105	16	80% 27-Nov-20 A	15-Feb-23	01-Oct-23 16-Oct-23	243	
05-3390-13(M55)	Electrical Works E&I Installation at Yard (2.3.15.02.08)	105	16	25% 07-May-22		25-Jun-26 10-Jul-26	1241	
05-3390-6(M55)	Electrical Works Instrumentation (2.3.15.02.06)	105	32	80% 15-Oct-21 A		23-Nov-23 24-Dec-23	296	
05-7400-1(M55)	Electrical works CEMS and Process Analysers (2.3.15.02.07)	105	98	5% 12-Jul-21 A		06-Mar-23 11-Jun-23	34	
	Power Island) (2.3.15.03)	773	30	16-Sep-19 A		13-Apr-23 06-May-24	432	
05-3390-13(M55)10 05-3390-4(M46)	0 Electrical Works Design (2.3.15.03.01 to 04)	105	30 0	80% 23-Dec-20 A 80% 29-Jun-21 A		13-Apr-23 12-May-23 16-Oct-23 16-Oct-23	72 259	
03-3390-4(1046)	Generator Related Equipment (2.3.15.03.08)	105 105	0	80% 29-5011-21 A 80% 10-Feb-21 A		18-Jul-23 18-Jul-23	169	
- 05 2200 7/MEE)	Instrumentation works design(2.3.15.03.05 & 2.3.15.03.06) sign SCADA & PLC Control System (2.3.15.03.07)	530	0	16-Sep-19 A		12-May-23 06-May-24	462	
05-3390-7(M55)	Hardware Design (2.3.15.03.07.01)	105	0	65% 16-Sep-19 A		06-May-24 06-May-24	462	
💾 Control Works De		105	0	45% 30-Oct-21 A		12-May-23 12-May-23	102	
Control Works De 05-3390-1(M46)	Software Design (2.3.15.03.07.02)					16-Mar-23 16-May-24	367	
Control Works De 05-3390-1(M46) 05-3390-2(M46)	Software Design (2.3.15.03.07.02) ment System (2.3.15.04)		105	05-Sep-18 A	15-May-23		201	
Control Works De 05-3390-1(M46) 05-3390-2(M46)	Software Design (2.3.15.03.07.02) ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02)	1630 105	105 13	05-Sep-18 A 65% 30-Oct-21 A		20-Aug-23 01-Sep-23	201	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) Operation Manager 05-3390-6(M46) 	ment System (2.3.15.04)	1630		· · · ·	12-Feb-23	20-Aug-23 01-Sep-23 08-Mar-24 06-May-24	402	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) Operation Manager 05-3390-6(M46) 05-3390-7(M46) 	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02)	1630 105	13	65% 30-Oct-21 A	12-Feb-23 31-Mar-23			
Control Works De 05-3390-1(M46) 05-3390-2(M46) Operation Manager	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component	1630 105 105	13 60 60 90	65% 30-Oct-21 A 5% 09-Dec-20 A	12-Feb-23 31-Mar-23 14-May-23	08-Mar-24 06-May-24	402 0 368	
Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-2(M46) 05-3390-6(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E)	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03)	1630 105 105 60 90 105	13 60 60	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A	12-Feb-23 31-Mar-23 14-May-23 14-May-23 15-Apr-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23	402 0 368 215	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-6(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03 	Iment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS)	1630 105 105 60 90 105 410	13 60 60 90 75 105	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A	12-Feb-23 31-Mar-23 14-May-23 14-May-23 15-Apr-23 15-May-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24	402 0 368 215 357	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-6(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03 2.3.15.04.03.01 	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS)	1630 105 105 60 90 105 410 105	13 60 90 75 105 0	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A	12-Feb-23 31-Mar-23 14-May-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23	402 0 368 215 357 214	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-6(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-4490 05-7400(6E) 2.3.15.04.03 2.3.15.04.03.01 05-3390-8(M46) 	Iment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS)	1630 105 105 60 90 105 410 105 105	13 60 60 90 75 105 0 0	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 80% 15-Dec-21 A	12-Feb-23 31-Mar-23 14-May-23 14-May-23 15-Apr-23 15-Apr-23 31-Jan-23 31-Jan-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23	402 0 368 215 357 214 214	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) Operation Manager 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03.01 05-3390-8(M46) 2.3.15.04.03.02 	Iment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS) OMS/SCADA/DCS - OLM Panel Design for Power Island (2.3.15.04.03.01.02)	1630 105 105 60 90 105 410 105 105	13 60 60 90 75 105 0 0 0	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 80% 15-Dec-21 A 0% 15-Dec-21 A	12-Feb-23 31-Mar-23 14-May-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23 31-Jan-23 15-May-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 06-May-24	402 0 368 215 357 214 214 357	
 Control Works De 05-3390-1(M46) 05-3390-2(M46) Operation Manager 05-3390-6(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03.01 05-3390-8(M46) 2.3.15.04.03.02 05-3390-13(M58) 	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS) OMS/SCADA/DCS - OLM Panel Design for Power Island (2.3.15.04.03.01.02)	1630 105 60 90 105 410 105 105 105 105	13 60 60 90 75 105 0 0 0 105 105	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 80% 15-Dec-21 A 02-Aug-22 A 80%	12-Feb-23 31-Mar-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23 31-Jan-23 15-May-23 15-May-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 23-Jan-24 06-May-24 23-Jan-24 06-May-24	402 0 368 215 357 214 214 357 357	
Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-2(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03.01 2.3.15.04.03.01 05-3390-2(M46) 2.3.15.04.03.02 05-3390-13(M58) 2.3.15.04.03.03	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS) OMS/SCADA/DCS - OLM Panel Design for Power Island (2.3.15.04.03.01.02) OMS/SCADA/DCS - Panel Design for Power Island and Plant Commom (2.3.15.04.03.02)	1630 105 105 60 90 105 105 105 105 105 105	13 60 60 90 75 105 0 0 0	65% 30-Oct-21 A 0% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 80% 15-Dec-21 A 00 02-Aug-22 A 80% 02-Aug-22 A 19-Apr-22 A 19-Apr-22 A	12-Feb-23 31-Mar-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23 31-Jan-23 15-May-23 15-May-23 03-Feb-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 23-Jan-24 06-May-24 03-May-24 06-May-24	402 0 368 215 357 214 214 214 357 357 357	
Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-2(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03.01 05-3390-8(M46) 2.3.15.04.03.02 05-3390-13(M58) 2.3.15.04.03.03 05-3390-14(M55)	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS) OMS/SCADA/DCS - OLM Panel Design for Power Island (2.3.15.04.03.01.02) OMS/SCADA/DCS - Panel Design for Power Island and Plant Commom (2.3.15.04.03.02)	1630 105 105 60 90 105 410 105 105 105 105 105 105 105 105 105 105 105 105 105 105	13 60 90 75 105 0 0 0 105 105 4 4	65% 30-Oct-21 A 5% 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 0% 16-Dec-21 A 0% 02-Aug-22 A 80% 02-Aug-22 A 19-Apr-22 A 80%	12-Feb-23 31-Mar-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23 15-May-23 15-May-23 15-May-23 03-Feb-23 03-Feb-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 23-Jan-24 06-May-24 03-May-24 06-May-24 03-May-24 06-May-24	402 0 368 215 357 214 214 214 357 357 357 458 458	
Control Works De 05-3390-1(M46) 05-3390-2(M46) 05-3390-2(M46) 05-3390-7(M46) 05-3390-7(M46) 05-4490 05-5400-1(M22) 05-7400(6E) 2.3.15.04.03.01 2.3.15.04.03.01 0.5-3390-2(M46) 2.3.15.04.03.02 0.5-3390-13(M58) 2.3.15.04.03.03	ment System (2.3.15.04) OMS/SCADA/DCS - System Networks Details (2.3.15.04.02) Software Standard Component Design of the Air Quality Monitoring Stations (2.9.03) Automatic Traffic Control System (ATCS) Automatic License Plate and Container Recognition System (ALPCRS) OMS/SCADA/DCS - OLM Panel Design for Power Island (2.3.15.04.03.01.02) OMS/SCADA/DCS - Panel Design for Power Island and Plant Commom (2.3.15.04.03.02)	1630 105 105 60 90 105 105 105 105 105 105	13 60 60 90 75 105 0 0 105 105 4	65% 30-Oct-21 A 09 09-Dec-20 A 0% 16-Mar-23 0% 14-Feb-23 45% 05-Sep-18 A 15-Dec-21 A 15-Dec-21 A 80% 15-Dec-21 A 00 02-Aug-22 A 80% 02-Aug-22 A 19-Apr-22 A 19-Apr-22 A	12-Feb-23 31-Mar-23 14-May-23 15-Apr-23 15-May-23 31-Jan-23 15-May-23 15-May-23 03-Feb-23 03-Feb-23 01-Mar-23	08-Mar-24 06-May-24 16-Mar-23 14-May-23 17-Feb-24 16-May-24 03-Sep-23 16-Nov-23 01-Sep-23 06-May-24 01-Sep-23 01-Sep-23 01-Sep-23 01-Sep-23 23-Jan-24 06-May-24 03-May-24 06-May-24	402 0 368 215 357 214 214 214 357 357 357	

3-Month Rolling Programme (January 2023)

Page 4 of 18

 Remaining Work

 Actual Work

Actual Milestone

Critical Milestone

Critical Remaining Work

/ork

 \diamond

•

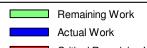
ct No. EP/SP/66/12 Facilities, Phase 1	境保護署 ironmental Protaction Department
2023 Feb Mar	Apr
63 64	Apr 65
10-Feb-23, Warehouse (O&M Scope), Warehouse	(O&M Scope), 10-Feb-23
6-Feb-23, Ash & Residues Contain er (O&M Scope), A	sh & Residues Container (O&N
01-Apr-23*	
10 Eab 00 Indiagonation Constant (0.1.10.01) (0.5	action of the incretion Contam
13-Feb-23, Incineration System (2.1.13.01) (2 F	
13-Feb-23, Heat Recovery Boiler (2.1.13.02) (2	Packages), Heat Recovery Bol
	21 Mar 22 Quarall Blan Wate
23, Boiler Feed Water System (2.1.13.03) (2 Package	31-Mar-23, Overall Plan Water
2, Doner i eeu water System (21.13.03) (21 atkage	s), Doller i eeu waler System
28-Feb-23, Water Treatment PI	ant and Boiler Water Treatment
,	
	31-Mar-23, Compressed Air F
	30-Mar-23, Flue Gas Treatmen
24-Feb-23, Boiler ash and APC res	idue handling and solidification
28-Feb-23, W eighbridge Syster	
15-Mar-23, Mec	hanical Shredder, Mechanical
09-Feb-23, Geotechnical Interpretative Report (2.2.0	
19-Feb-23, Seawall design (2.2.20), Sea	
19-Feb-23, Berth design (2.2.22), Berth d	
Mooring Dolphins, 14-Feb-23, 14-Feb-23, Moo	
	03-Apr-23, Onshore crane
01-Apr-23	
01 Apr 22	
01-Apr-23	
	02-Apr-23, 11kV/380V Pow
01-Mar-23, Electric Heat Traci	ng (ProcessIsland) (2.3.15.02
15-Feb-23, Electrical Works - MCC Panels (2.3.15.02.01), Electrical Works
15-Feb-23, Electrical Works - Process Islan	d Uninterruptable Power Supply
15-Feb-23, Electrical Works E&I Installation	at Yard (2.3.15.02.08), Electric
03-Mar-23, Electrical Works	Instrum entation (2.3.15.02.06)
01-Mar-23, Electrical Works	
23, Generator Related Equipment (2.3.15.03.08), Gene	erator Related Equipment (2.3.1
23, Instrumentation works design(2.3.15.03.05 & 2.3.1	5.03.06), Instrumentation works
23, Hardware Design (2.3.15.03.07.01), Hardware Des	
23, Software Design (2.3.15.03.07.02), Software Desig	n (2.3.15.03.07.02), 31-Jan-23
12-Feb-23, OMS/SCADA/DCS - System Networ	
16-Mar-23	31-Mar-23, Software Standard
23	15 Apr 02 A
	15-Арг-23, Аі
23, OMS/SCADA/DCS - OLM Panel Design for Power	Island (2.3.15.04.03.01.02). ON
eb-23, OMS/SCADA/DCS - Server Panel Design (2.3	.15.04.03.03), OMS/SCADA/D
23, Process Related 3rd Party System (2.3.15.04.06.0	
01-Mar-23, 3rd Party System f	or Power Island & Communica

ALPPEL SOGIERS - ZIELS II	Activity Name	Original Duration	Remaining Duration	Activity 9	6 Current Start	Current Finish	Late Start	Late Finish	Total Float M62 Remarks		nement Facilities, Phase 1	
				Complet				40.0 + 00		Jan 62	Feb Mar 63 64	Apr 65
2.3.15.05 05-3390-15(M55)	Balance of Plant LV Switchgear Design (2.3.15.05.01)	105 105	59 57	80%		A 30-Mar-23 28-Mar-23		19-Oct-23 3 27-Jun-23	203 91			28-Mar-23, Balance of
05-3390-16(M55)	Package 3 (Balance of Plant) - Weighbridge Electrical & Instrumentation Package & ALPCRS (23.1	105	59			A 30-Mar-23		27-Jun-23	89			30-Mar-23, Package
05-3390-17(M55)	Waste Crane Functional Description (2.3.15.05.08)	105	0	80%	5 15-Jul-21 A	A 31-Jan-23	24-Sep-23	3 24-Sep-23	237		31-Jan-23, Waste Crane Functional Description (2.3.15.05.0	08), Waste Crane Fund
05-3390-3(M55)	Electrical and Instrumentation Works Design - Compressed Air Plants (2.3. 15.05.03)	105	0	80%	6 29-Nov-21	A 31-Jan-23	03-Jul-23	03-Jul-23	154		31-Jan-23, Electrical and Instrumentation Works Design - C	
05-3390-5(M55)	Electrical and Instrumentation Works - Ash Crane (23.15.05.05)	105	0	80%	-	A 31-Jan-23		19-Oct-23	262		31-Jan-23, Electrical and Instrumentation Works - Ash Crar	1e (2.3.15.05.05), Elec
2.3.15.07 05-3390-20(M55)	SCADA & PLC Control System - Software Design (2.3.15.07.02)	105 105	105 105	5%		A 15-May-23 A 15-May-23		06-May-24 06-May-24	357 357			
2.3.15.08	SOADA & FEO CONTOTSYSTEM - SONWATE DESIGN (23.13.07.02)	105	105	57	· ·	15-May-23		06-May-24	357			
	Operation Management System (2.3.15.08)	105	105	80%			23-Jan-24		357			
lechanical works d	esign (2.3.16)	1657	224				14-Apr-23		155			
Plant and Equipme		1657	224	700		A 11-Sep-23		13-Feb-24	155		04 Jun 20 Electrical and between station Window Wester (
05-3390-4(M55) 05-3580	Electrical and Instrumentation Works - Waste Crane and Grapple System (2.3.15.05.04) Weighbridge Systems	105 105	0 62			A 31-Jan-23 A 02-Apr-23	· · ·	3 24-Sep-23 03-Dec-23	237		31-Jan-23, Electrical and Instrumentation Works - Waste C	02-Apr-23, We
05-3600	Mechanical Shredder	31	31			15-Mar-23		18-Aug-23	156		13-Feb-23 15-Mar-23, Ma	echanical Shredder
05-3610	Incineration System (9 Packages)	105	86			A 26-Apr-23		3 16-Aug-23	112			
05-3620	Heat Recovery Boiler (8 Packages)	105	165	5%	31-Jul-19 <i>A</i>	A 14-Jul-23	02-Sep-23	3 13-Feb-24	214		· · · · · · · · · · · · · · · · · · ·	
05-3630	Boiler Feed Water Systems (4 Packages)	105	10	45%	30-Sep-19	A 26-Apr-23	07-Aug-23	3 16-Aug-23	112			
05-3650	Leachate collection and treatment	180	180			* 11-Sep-23		3 13-Feb-24	155		16-Mar-23*	
05-3790	Flue Gas Treatment System (12 Pack ages)	105	165			A 14-Jul-23		01-Oct-23	79			
05-3800	Boiler ash and APC residue handling and solidification	105	0			A 29-Jun-23	-	3 16-Aug-23	49			01 Jan 00
05-3830 Process Binowork	Compressed Air Plants s (Incl. Ductworks) and Valves	105 562	165	5%		A 31-Jan-23 A 14-Jul-23	·	3 02-Sep-23 25-Sep-23	215 73		31-Jan-23, Compressed Air Plants, Compressed Air Plants.	, 31-Jan-23
05-3840	Process island (furnace-boiler-FGC)	105	165	5%		A 14-Jul-23		25-Sep-23	73			
05-4350	Pipe Rack C1, C2, C3, D1 & D2 (Prefab.3)	105	85			A 25-Apr-23	11-Jun-23	03-Sep-23	131			
05-4360	Compressed Air Plantarea	105	0	45%	31-May-21	31-Jan-23	15-Apr-23	15-Apr-23	75		31-Jan-23, Compressed Air Plantarea, Compressed Air Pla	ant area, 31-Jan-23
05-4370	Pipebridge B (Between CCCW Area & Turbine Hall)	105	0	5%	28-Feb-21	A 31-Jan-23	10-Jun-23	10-Jun-23	131		31-Jan-23, Pipebridge B (Between CCCW Area & Turbine H	lall), Pipebridge B (E
05-4380	Pipebridge C (Between Turbine Hall & ACC Equipment Yard)	105	0			A 31-Jan-23		10-Jun-23	131		31-Jan-23, Pipebridge C (Between Turbine Hall & ACC Equi	ipment Yard), Pipebr
05-4950	Turbine Hall	105	0			31-Jan-23		18-Jul-23	169			
05-4960 05-4970	ACC Equipment Yard CCCW Area	105 105	0			31-Jan-23		3 22-May-23 10-Jun-23	112		31-Jan-23, ACC Equipment Yard, ACC Equipment Yard, 31- 31-Jan-23, CCCW Area, CCCW Area, 31-Jan-23	Jan-23
	cture support (For eqipment, piping & duct, cable tray etc)	105	104	637	29-May-21			23-Sep-23	132			
05-3540	Pipe Rack C1, C2, C3, D1 & D2 (Prefab.3)	105	104	80%	29-May-21	-		23-Sep-23	132			
05-3560	Pipebridge B (Between CCCW Area & Turbine Hall)	105	0	5%	6 29-May-21	31-Jan-23	01-Jun-23	01-Jun-23	122		31-Jan-23, Pipebridge B (Between CCCW Area & Turbine H	lall), Pipebridge B (E
05-3570	Pipebridge C (Between Turbine Hall & ACC Equipment Yard)	105	0	5%	5 10-Jun-21	A 31-Jan-23	13-Sep-23	3 13-Sep-23	226		31-Jan-23, Pipebridge C (Between Turbine Hall & ACC Equi	ipment Yard), Pipebr
Equipment and pip		135	90	50		A 30-Apr-23		13-Feb-24	289		ot he co other Tables Orenate (070) and Brown B	
05-4550 05-4560	Steam Turbine Generator (STG) and Pressure Reducing and Desuperheating Station (PRDS) Air cooled condenser	105 105	0			A 31-Jan-23 A 31-Jan-23		13-Feb-24 23-Jul-23	379 174		31-Jan-23, Steam Turbine Generator (STG) and Pressure R 31-Jan-23, Air cooled condenser, Air cooled condenser, 31-	
05-4570	Closed Circuit Cooling Water System	105	60			A 30-Apr-23		3 30-Jan-24	275			541-25
	nstallation design (2.3.17)	60	60				16-May-23		105			1
5-3660	Fire Systems	60	60	0%	5 31-Jan-23	31-Mar-23	16-May-23	3 14-Jul-23	105	31-Jan-23		a 31-Mar-23, Fire S 31-Mar-23, Fire S
5-3680	FS schematics	60	60	0%		31-Mar-23			105	31-Jan-23		🔲 31-Mar-23, FS so
	esign (excluding fire services installation design) (2.3.18) Electrical Services and Lighting (7 Packages)	150 60	150	00		29-Jun-23		19-Nov-24	509			
15-3690 15-3700	MVAC	90	60 90		02-Mar-23	30-Apr-23 29-Jun-23		03-Aug-23 3 02-Nov-23	95		02-Mar-23 01-Apr-23 01-Apr-23	
5-3710	Odour Control	90	90			29-Jun-23	-	3 02-Nov-23	126		01-Apr-23	
5-3720	Plumbing (7 Packages)	90	90		6 01-Apr-23		-	10-Jun-24	347		01-Apr-23	
5-3730	Drainage (7 Packages)	90	90	0%	6 01-Apr-23	29-Jun-23	13-Mar-24	10-Jun-24	347		01-Apr-23	
5-3740	ELV (7 Packages)	60	60	0%	6 02-Mar-23	30-Apr-23	05-Jun-23	03-Aug-23	95		02-Mar-23	
5-3750	Lifts and Escalators	90	90		31-Jan-23			13-May-23	13	31-Jan-23		
5-3770	Building Management System (BMS)	30	30		5 31-Jan-23			13-Dec-23	287	31-Jan-23	, , , , , , , , , , , , , , , , , , , ,	
5-3780 5-3780 2(M20)	Vehicle & Container Wash System	60 90	60 90			30-May-23 30-May-23		3 20-Nov-23	174 539		01-Apr-23	
5-3780-2(M20)	Water Cannon System wings and Fire Saftey Strategy (2.3.25)	90 609	90 60	0%		30-May-23	_	19-Nov-24	105		v2-IVIdI-23	
5-3290	Process Building & Wastewater Treatment Plant	609	30	0%		A 01-Mar-23		14-Jul-23	135		01-Mar-23, Process Building	g & Wastewater Trea
5-3300	ACC Equipment Structure	30	30			31-Mar-23		14-Jul-23	105			31-Mar-23, ACC
5-3310	Turbine Hall Building	105	30	25%	29-Dec-21	A 01-Mar-23	12-Mar-23	10-Apr-23	40		01-Mar-23, Turbine Hall Buil	
5-3320	Compressor & CCCW Building	105	30			A 01-Mar-23		14-Jul-23	135		01-Mar-23, Compressor & C	CCW Building, Com
5-3330	Chimney	30	30			01-Mar-23		14-Jul-23	135	31-Jan-23		
5-3340	Elevated Drive Way and Associated Structures	105	30			A 01-Mar-23		14-Jul-23	135		01-Mar-23, Elevated Drive W	
5-3350 5-3520	Reception Pavilion Site Master Layout Plan and Plant Layout	30 30	30 30			01-Mar-23 01-Mar-23		14-Jul-23 14-Jul-23	135	31-Jan-23 31-Jan-23		
5-3520 5-4170	Administration Building and Viewing Gallery (2.7.21)	30	30		31-Jan-23			14-Jul-23	135	31-Jan-23	··· <u>··································</u>	
5-4290	IWMF Substation (2.8.25)	105	30			A 01-Mar-23		07-Apr-23	37		01-Mar-23, IWMF Substation	
5-4800	IWMF Site Wide Architectural Details	105	30			A 01-Mar-23		14-Jul-23	135		01-Mar-23, IWMF Site Wide	
5-5160	Mechanical Treatment Plant & Water Treatment Plant (24.25)	30	30			01-Mar-23		14-Jul-23	135	31-Jan-23	01-Mar-23, Mechanical Treat	tment Plant & Water
5-6110(M46)	Gate House and miscellaneous	30	30	0%	31-Jan-23	01-Mar-23	15-Jun-23	14-Jul-23	135	31-Jan-23	01-Mar-23, Gate House and I	miscellaneous

3-Month Rolling Programme (January 2023)
-----------------------------	---------------

Actual Work Critical Remaining Work

DDA Mechanical Trea										
	atment Plant Building (2.4)	347	224		28-Sep-22 A	11-Sep-23	13-Feb-23 10-Jun-24	273	62	63 64 65
05-5170	Foundation design (2.4.13)	60	15	80%	28-Sep-22 A	14-Feb-23	21-Mar-23 04-Apr-23	49		14-Feb-23, Foundation design (2.4.13), Foundation design (2.4.13)
05-5180	Structural design (2.4.14)	60	60			31-Mar-23	13-Mar-23 11-May-23	41	31-Jan-23	31-Mar-23, Struct
05-5190	Electrical and instrumentation works design (2.4.15)	194	194		02-Mar-23	11-Sep-23	11-Aug-23 20-Feb-24	162	04 Jay 00	02-Mar-23
05-5210	Fire services installation design (2.4.17) esign (excluding fire services installation design) (2.4.18)	60 150	60 150			31-Mar-23 29-Jun-23		105 347	31-Jan-23	31-Mar-23, Fire se
Building services a 05-3850	LV and Emergency Power Distribution Design	90	90			29-Jun-23		347		01-Apr-23
05-3860	MVAC	90	90	0%	31-Jan-23	30-Apr-23	21-Sep-23 19-Dec-23	233	31-Jan-23	
05-3870	Odour Control	90	90	0%	02-Mar-23	30-May-23	22-Apr-23 20-Jul-23	51		02-Mar-23
05-3880	Plumbing	60	60	0%	31-Jan-23	31-Mar-23	16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Plumb
05-3890	Drainage	60	60		10-Feb-23	10-Apr-23	16-May-23 14-Jul-23	95		-Feb-23 10-Apr
05-3900	Lighting and small power Lifts and Escalators	90	90 90		31-Jan-23	30-Apr-23	15-Sep-23 13-Dec-23	227 13	31-Jan-23	
 05-3910 05-3910-1 	Building Management System (BMS)	60	90 60			30-Apr-23 31-Mar-23	13-Feb-23 13-May-23 15-Oct-23 13-Dec-23	257	31-Jan-23 31-Jan-23	
DDA Wastewater Tre		410	165			14-Jul-23		283	51-541-25	
05-3950	Electrical and instrumentation works design (2.5.15)	2	2			01-Feb-23		118	31-Jan-23	01-Feb-23, Electrical and instrumentation works design (2.5, 15)
05-3960	Mechanical works design (2.5.16) (5 Packages)	232	0	5%	31-May-22	31-Jan-23	28-May-23 28-May-23	118		31-Jan-23, Mechanical works design (2.5.16) (5 Packages), Mechanical works de
05-3970	Fire services installation design (2.5.17) (2 Packages)	60	60			31-Mar-23	-	105	31-Jan-23	31-Mar-23, Fire se
	esign (excluding fire services installation design) (2.5.18) LV and Emergency Power Distribution Design for IWMF W aste Water Treatment Plant	386	105			14-Jul-23	08-Jun-23 22-Apr-24 24-Jan-24 22-Apr-24	283		01 Are 00
<pre>05-3980 05-3990</pre>	AV and Emergency Power Distribution Design for IW MF waste water Treatment Plant	90	90 90			29-Jun-23 29-Jun-23	24-Jan-24 22-Apr-24 23-Jun-23 20-Sep-23	298 83		01-Apr-23
05-4000	Odour Control	90	84			23-Jun-23	29-Jun-23 20-Sep-23	89		
05-4010	Plumbing	90	90			29-Jun-23	23-Jun-23 20-Sep-23	83		01-Apr-23
05-4020	Drainage	105	105	0%	01-Apr-23	14-Jul-23	08-Jun-23 20-Sep-23	68		01-Apr-23
05-4030	ELV	90	90	0%	01-Apr-23	29-Jun-23	28-Jul-23 25-Oct-23	118		01-Apr-23
DDA Water Treatmen		424	150			29-Jun-23		173		
05-4060 05-4070	Foundation design (2.6.13)	60 60	15 60			14-Feb-23 31-Mar-23	21-Mar-23 04-Apr-23 13-Mar-23 11-May-23	49		14-Feb-23, Foundation design (2.6.13), Foundation design (2.6.13) 31-Mar-23, Struct
05-4090	Structural design (2.6.14) Mechanical works design (2.6.16)	90	0			31-Jan-23		173		31-Jan-23, Mechanical works design (2.6.16), Mechanical works design (2.6.16),
05-4100	Fire services installation design (2.6.17)	60	60			31-Mar-23		105	31-Jan-23	31-Mar-23, Fire se
	esign (excluding fire services installation design) (2.6.18)	366	150			29-Jun-23	-	173		
05-4110	Electrical Services and Lighting	90	90	0%	01-Apr-23	29-Jun-23	15-Sep-23 13-Dec-23	167		01-Apr-23
05-4120	MVAC	90	89			29-Apr-23	22-Sep-23 19-Dec-23	234		
05-4140	Plumbing	60	60			31-Mar-23	16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Plumb
05-4150	Drainage	60	60			10-Apr-23	16-May-23 14-Jul-23	95		-Feb-23 10-Apr
05-4160 Electrical and instri	ELV Imentation works design (2.6.15)	90 238	90			30-Apr-23 31-Jan-23	· · ·	227 143	31-Jan-23	
05-4080	Water Treatment Plant (WTP) - Variable Speed Drive (2.6.15.01)	238	0			31-Jan-23		143		31-Jan-23, Water Treatment Plant (WTP) - Variable Speed Drive (2.6.15.01), Wa
DDA Administration	Building (2.7)	400	155		28-Apr-22 A	04-Jul-23	02-Feb-23 13-Dec-23	162		
05-4180	Foundation design (2.7.11)	105	0			31-Jan-23	· · ·	75		31-Jan-23, Foundation design (2.7.11), Foundation design (2.7.11), 31-Jan-23
05-4190	Structural design (2.7.12)	105	105				28-May-23 09-Sep-23	117	31-Jan-23	
05-4210	Fire services installation design (2.7.14)	60 155	60 155			31-Mar-23 04-Jul-23	16-May-23 14-Jul-23 02-Feb-23 13-Dec-23	105	31-Jan-23	31-Mar-23, Fire s
_ Building services a	esign (excluding fire services installation design) (2.7.15) Electrical Services and Lighting	105	105		31-Jan-23	15-May-23		<u>162</u> 2	31-Jan-23	
05-4230	MVAC	105	105		22-Mar-23		23-Mar-23 05-Jul-23	1		22-Mar-23
05-4250	Plumbing	105	105	0%	31-Jan-23	15-May-23	22-Apr-23 04-Aug-23	81	31-Jan-23	
05-4260	Drainage	105	105	0%	31-Jan-23	15-May-23	23-Mar-23 05-Jul-23	51	31-Jan-23	
05-4270	ELV	105	105		31-Jan-23	15-May-23		32	31-Jan-23	
05-4280	Lifts and Escalators	90	90			30-Apr-23	13-Feb-23 13-May-23	13	31-Jan-23	
DDA WMF Substatio	Building Management System (BMS)	105 274	105 60			15-May-23	31-Aug-23 13-Dec-23 03-Feb-23 01-Mar-24	212 336	31-Jan-23	
05-4340	Fire services installation design (2.8.17)	60	30			01-Mar-23		3		01-Mar-23, Fire services installation design (2.8.1
	esign (excluding fire services installation design) (2.8.18)	151	30		25-Oct-21 A	01-Mar-23	03-Feb-23 01-Mar-24	366		
05-4990	Electrical Services and Lighting	90	30	5%	22-Apr-22 A	01-Mar-23	04-Apr-23 03-May-23	63		01-Mar-23, Electrical Services and Lighting, Elect
05-5000	MVAC	90	30			01-Mar-23		366		01-Mar-23, MVAC, MVAC, 01-Mar-23
05-5010	Plumbing	60	30			01-Mar-23		3		01-Mar-23, Plumbing, Plumbing, 01-Mar-23
<pre>05-5020 05-5030</pre>	Drainage ELV	60 90	30 30			01-Mar-23 01-Mar-23		3 153		01-Mar-23, Drainage, Drainage, 01-Mar-23 01-Mar-23, ELV, ELV, 01-Mar-23
05-5030-1	ELV Building Management System (BMS)	60	30			01-Mar-23		3		01-Mai-23, ELV, ELV, O1-Mai-23 01-Mar-23, Building Management System (BMS),
	imentation works design (2.8.15)	90	30				04-May-23 02-Jun-23	63		
2.8.15.06		90	30			31-Mar-23		63		
05-4320	Electrical and instrumentation works design (2.8.15.06.01 to 40)	90	30			31-Mar-23	-	63		31-Mar-23, Electr
	nsers Equipment (2.3.06)	90	<u>90</u> 90			30-Apr-23	15-Sep-23 09-Aug-24 15-Sep-23 09-Aug-24	467		
Building services d 05-5510	esign (excluding fire services installation design) (2.3.06) Electrical Services and Lighting	90	90 90			30-Apr-23 30-Apr-23		467 467	31-Jan-23	
05-5520	Plumbing	60	60			31-Mar-23		285	31-Jan-23	31-Mar-23, Plumb
05-5530	ELV	90	90			30-Apr-23		467	31-Jan-23	



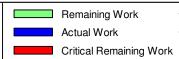
Milestone

Critical Remaining Work

Keppel Segh								Contract NO. E	EP/SP/66/12 環境保護署
古盲五格斯-板 KEPPELSEGINES-ZHENH	筆贈 養 会 间 UA-OPET VENTUR							Integrated Waste Management Faciliti	es, Phase 1 Environmental Protaction D
The PERSON NEW YORK IN	Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start Late Finish	Total Float M62 Remarks	Jan Feb	2023 Mar Apr
05 55 10						15.0 00 10 D 00		62 63	64 65
05-5540	Building Management System (BMS)	90	90	0% 31-Jan-23	· · ·	15-Sep-23 13-Dec-23	227 343	31-Jan-23	
DDA Chimney 05-5370	Structural Design	<u>365</u> 90	150 90	5% 14-Mar-22 A	_	13-Feb-23 06-Jun-24 08-May-23 05-Aug-23	97		
05-5540-2(6D)	Fire services installation design	60	60	0% 01-Apr-23	· ·	08-Apr-24 06-Jun-24	373		01-Apr-23
	esign (excluding fire services installation design)	150	150	31-Jan-23	-	· · ·	313		
05-6000-1(5a)	Electrical Services and Lighting	90	90	0% 01-Apr-23	29-Jun-23	08-Feb-24 07-May-24	313		01-Apr-23
05-6010(5a)	MVAC	60	60			21-Oct-23 19-Dec-23	233		lar-23
05-6020-1(5a)	Plumbing	90	90	0% 01-Apr-23		01-Feb-24 30-Apr-24	306		01-Apr-23
05-6030-1(5a)	Drainage	90	90	0% 01-Apr-23	29-Jun-23	01-Feb-24 30-Apr-24	306		01-Apr-23
05-6040-1(5a) 05-6050-1(5a)	ELV Lift	90	90 90	0% 01-Apr-23 0% 31-Jan-23		08-Feb-24 07-May-24 13-Feb-23 13-May-23	313 13	31-Jan-23	01-Apr-23
05-6060-1(5a)	Building Management System (BMS)	90	90	0% 01-Apr-23	· ·	15-Sep-23 13-Dec-23	167	31-0di1-23	01-Apr-23
	Way and Associated Structures Foundation	150	150		29-Jun-23	·	77		
05-5380	Structural Design	90	90			20-Mar-23 17-Jun-23	48	31-Jan-23	
05-5540-3(6D)	Fire services installation design	60	60	0% 31-Jan-23	31-Mar-23	16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Fire serv
	esign (excluding fire services installation design)	150	150	31-Jan-23	_	18-Apr-23 14-Sep-23	77		
05-5560	Building Management System (BMS)	90	90		30-Apr-23	18-Apr-23 16-Jul-23	77	31-Jan-23	
05-7240	Electrical Services and Lighting MVAC	90	90	0% 01-Apr-23	29-Jun-23	18-Apr-23 16-Jul-23	17	01 les 00	01-Apr-23
05-7260	MVAC Plumbing	105	105 105	0% 31-Jan-23 0% 31-Jan-23	15-May-23 15-May-23	01-May-23 13-Aug-23 02-Jun-23 14-Sep-23	90	31-Jan-23 31-Jan	·
05-7260	Drainage	105	105	0% 31-Jan-23	15-May-23 15-May-23	02-Jun-23 14-Sep-23 03-May-23 15-Aug-23	92	31-Jan-23	
05-7280	ELV	105	105	0% 31-Jan-23	15-May-23		92	31-Jan-23	
DDA Reception Pavi		120	120	31-Jan-23	30-May-23		396		
05-3280	Foundation Design	90	90	0% 02-Mar-23	30-May-23	03-May-23 31-Jul-23	62	02-M	1ar-23
05-5390	Structural Design	105	105	0% 31-Jan-23	15-May-23	23-Mar-23 05-Jul-23	51	31-Jan-23	
05-5540-4(6D)	Fire services installation design	60	60	0% 31-Jan-23	31-Mar-23	16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Fire ser
	esign (excluding fire services installation design)	105	105	31-Jan-23	15-May-23	18-May-23 29-Jun-24	411		
05-2130-1	Building Management System (BMS)	90	90	0% 31-Jan-23	30-Apr-23	18-May-23 15-Aug-23	107	31-Jan-23	
05-7290	Electrical Services and Lighting MVAC	90	90 105	0% 31-Jan-23 0% 31-Jan-23	30-Apr-23 15-May-23	18-May-23 15-Aug-23 17-Mar-24 29-Jun-24	107 411	31-Jan-23 31-Jan	
05-7310	Plumbing	105	105	0% 31-Jan-23	15-May-23	17-Mar-24 29-Jun-24	411	31-Jan-23	
05-7320	Drainage	105	105	0% 31-Jan-23	15-May-23	17-Mar-24 29-Jun-24	411		
05-7330	ELV	105	105	0% 31-Jan-23	15-May-23		122	31-Jan-23	
DDA CCCW Building		90	90		30-Apr-23		403		
05-5540-5(6D)	Fire services installation design	60	60	0% 31-Jan-23	31-Mar-23	16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Fire serv
	esign (excluding fire services installation design)	90	90	31-Jan-23		03-Feb-23 06-Jun-24	403		
05-2130-2	Building Management System (BMS)	60	60	0% 31-Jan-23		05-Mar-23 03-May-23	33	31-Jan-23	31-Mar-23, Building
05-7340	Electrical Services and Lighting MVAC	90	90 60	0% 31-Jan-23 0% 31-Jan-23	30-Apr-23 31-Mar-23	03-Feb-23 03-May-23 21-Oct-23 19-Dec-23	3 263	31-Jan-23 31-Jan	31-Mar-23, MVAC
05-7360	Plumbing	60	60	0% 31-Jan-23	_		433	31-Jan-23	31-Mar-23, NVAC
05-7370	Drainage	60	60	0% 31-Jan-23		· · ·	433	31-Jan-23	31-Mar-23, Drainag
05-7380	ELV	60	60			02-Jul-23 31-Aug-23	153	31-Jan-23	31-Mar-23, ELV
DDA Roads and Utili		561	165			23-Feb-23 27-Dec-24	532		
	rks layout on the Artificial Island (210.13)	90	90		30-Apr-23		262		
05-4470	Roads and hardstandings layout	90	90	0% 31-Jan-23	· ·		262	31-Jan-23	
05-4480	Road signage and markings	90	90	0% 31-Jan-23			262	31-Jan-23	
Sewerage design or 05-4430	n the Artificial Island (2.10.14) Foul Sewerage	<u>215</u> 60	60 60	13-Jan-21 A 0% 31-Jan-23	31-Mar-23	16-May-23 27-Dec-24 16-May-23 14-Jul-23	637 105	31-Jan-23	31-Mar-23, Foul Se
05-4430	Contaminated Sewerage (Site Wide Sewerage System)	60	60 60	0% 31-Jan-23		16-May-23 14-Jul-23	105	31-Jan-23	31-Mar-23, Pour Se
05-4440-1(M55)	Ship-to-shore Sewage Transfer System for WMF Vessels (Caisson 13)	90	4	45% 13-Jan-22 A		24-Dec-24 27-Dec-24	693		o-shore Sewage Transfer System for IW:MF Vessels (Caisso
05-4440-2(M55)	Ship-to-shore Sewage Transfer System for Passenger Ferry	90	60	45% 13-Jan-21 A		16-May-23 14-Jul-23	105		31-Mar-23, Ship-to-
	sign on the Artificial Island (2.10.15)	486	90	31-Dec-21 /		04-Sep-23 02-Dec-23	216		
05-5310	Surface water Drainage System	90	90	0% 31-Jan-23		04-Sep-23 02-Dec-23	216	31-Jan-23	
05-5320	First Flush Drainage System concept	105	0	100% 31-Dec-21 A	A 31-Jan-23	02-Dec-23 02-Dec-23	306	31-Jan-23, First Flush	n Drainage System concept, First Flush Drainage System co
	m design on the Artificial Island (2.10.16)	318	165	04-Apr-22 A		09-May-23 03-Jan-24	173		
05-5250	Potable Water Distribution System	105	105	0% 31-Jan-23			233	31-Jan-23	
05-5260	Recycled Water System	90	90	0% 31-Jan-23		06-Oct-23 03-Jan-24	248	31-Jan-23	
05-5270	Irrigation System	90	90	0% 31-Jan-23		06-Oct-23 03-Jan-24	248	31-Jan-23	iii
05-5280	Rainwater harvesting System Water Tanks	90	90 60	0% 31-Jan-23	· ·	06-Oct-23 03-Jan-24 09-May-23 07-Jul-23	248 38	31-Jan-23	01-Apr-23
05-5290	External FS Systems	60	60	0% 01-Apr-23 0% 31-Jan-23	30-May-23	09-May-23 07-Jul-23	98	31-Jan-23	01-Apr-23
05-5300-1(M24)	E&M system for seawater intake (2.10.16.07)	105	75	5% 04-Apr-22 A		21-Oct-23 03-Jan-24	263		
05-5300-2(M24)	Building Services system for seawater intake (2.10.16.09)	105	105	0% 01-Apr-23		21-Sep-23 03-Jan-24	173		01-Apr-23
05-5300-3(5a)	Chemical scrubber system for odour control (2.10.16.10)	105	105	0% 01-Apr-23		21-Sep-23 03-Jan-24	173		01-Apr-23
, , , ,	nunication and other utilities (2.10.18)	274	90		30-Apr-23	· · · ·	262		
05-3400 (M21)	Computerised Maintenance Management System (CMMS) (2.10.18.10)	105	30	80% 24-May-22	01-Mar-23	23-Mar-23 21-Apr-23	51		01-Mar-23, Computerised Maintenance Manageme
05-3410 (M21)	Information and Document Management System (IDMS) (2.10.18.11)	105	60	45% 10-May-22	31-Mar-23	02-Sep-23 31-Oct-23	214		31-Mar-23, Informa

3-Month Rolling	Programme	(January 2023)
------------------------	-----------	----------------

Page 7 of 18



Critical Milestone

	Activity Name	Original Duration	Remaining Duration	Activity % Current Complete	Start Cur	rrent Finish	Late Start	Late Finish	Total Float	M62 Remarks	Jan
05-4580	Power Distribution System concept / schematics	75	75	0% 01-Fe	b-23 16	6-Apr-23	04-Nov-23	17-Jan-24	276		62 01-Feb-23
05-4590	Site Lighting Concept / Schematics	90	90	0% 31-Ja)-Apr-23	09-Apr-23		68		31-Jan-23
05-4600	Lightning Protection System concept / schematics	90	90	0% 31-Ja)-Apr-23	20-Oct-23		262		31-Jan-23
05-4610	Site ELV Network System - Communications System concept / schematics	75	75	0% 31-Ja	n-23 15	5-Apr-23	23-Feb-23	08-May-23	23		31-Jan-23
05-4620	Site ELV Network System - Security Systems concept / schematics	75	75	0% 31-Ja	n-23 15	5-Apr-23	23-Feb-23	08-May-23	23		31-Jan-23
05-4630	Site ELV Network System - Navigation aids concept / schematics	60	60	0% 06-Fe	b-23 06	6-Apr-23	10-Mar-23	08-May-23	32		06-F
05-4640	Microwave transmission of FS direct link	105	35	5% 22-Au	ig-22 A 06	6-Mar-23	28-Feb-23	03-Apr-23	28		
05-4650	Fuel Handling System concept / schematics	90	90	0% 31-Ja	n-23 30)-Apr-23	19-Sep-23	17-Dec-23	231		31-Jan-23
	dges design (2.10.26)	90	90	01-Ap		9-Jun-23		17-Feb-24	233		
05-5040	Design of Pipe / Utilities Trenches concept	90	90	0% 01-Ap		9-Jun-23		17-Feb-24	233		
05-5050	Sitewide Utilities Trenches Design	90	90	0% 01-Ap		9-Jun-23		17-Feb-24	233		
DDA Architectural, F External and internated	nishes and Landscaping Works (2.11)	366 258	150 135		or-22 A 29 Iq-22 A 14		31-Jan-23	16-May-24 19-Sep-23	<u>322</u> 97		
0 05-4670	External and internal finishes design for Incineration Plant Building (2.11.15)	90	90		ep-22 A 30		_	19-Sep-23	142		
05-4690	External and internal finishes design for Turbine Hall Building	90	9		ig-22 A 08	•		19-Apr-23	70		
05-4700	External and internal finishes design for CCCW Building	90	9		ig-22 A 08		· ·	16-Apr-23	67		
05-4710	External and internal finishes design for Chimney	90	62		ep-22 A 02			19-Sep-23	170		
05-4720	External and internal finishes design for Reception Pavilion	90	90	0% 17-Ma	·	1-Jun-23		04-Aug-23	51		
05-4730	External and internal finishes design for MT Plant Building (2.11.16)	90	90	0% 10-Fe	b-23 10)-May-23	22-Jun-23	19-Sep-23	132		
05-4740	External and internal finishes design for the Wastewater Treatment Plant (2.11.17)	90	30	5% 19-Se	p-22 A 01	I-Mar-23	21-Aug-23	19-Sep-23	202		
05-4750	External and internal finishes design for the Water Treatment Plant Building (2.11.08)	90	90	0% 10-Fe	b-23 10)-May-23	22-Jun-23	19-Sep-23	132		
05-4760	External and internal finishes design for the Administration Building (2.11.19)	90	90	0% 10-Fe)-May-23	07-May-23	04-Aug-23	86		
05-4770	External and internal finishes design for the IWMF Substation (2.11.20)	90	5		ig-22 A 04			04-Feb-23	0		
05-5420	External and internal finishes design for Elevated Driveway	90	90	0% 31-Ja)-Apr-23		23-May-23	23		31-Jan-23
Landscaping Works		135	135			1-Jun-23		21-Jun-23	7		
05-4780 05-4780-1(6C)	Landscape Masterplan & Landscape Design for Water Feature (211.19.01)	105 105	105	0% 02-Ma		1-Jun-23	09-Mar-23		7		
05-4780-2(6C)	Landscape Architectural Design for Turbine Hall Building (2.11.19.04) Landscape Architectural Design for Reception Pavilion (2.11.19.07)	105	105 105	5% 29-Ju 0% 31-Ja		5-May-23 5-May-23	09-Mar-23	21-Jun-23 21-Jun-23	37		31-Jan-23
05-4780-3(6C)	Landscape Architectural Design for MT Plant Building and Water Treatment Plant Building (2.11.07.08	105	105	0% 31-Ja 0% 02-Ma		1-Jun-23		21-Jun-23	7		31-Jali-23
05-4780-4(6C)	Landscape Architectural Design for Administration Building (2.11.07.09)	105	105	0% 02-Ma		1-Jun-23	09-Mar-23		7		
05-4780-5(6C)	Landscape Architectural Design for IWMF Substation (2.11.07.10)	105	105	5% 11-Ju		5-May-23	09-Mar-23		37		
05-4780-6(6C)	Landscape Architectural Design for Process Building (2.11.07.11)	105	105			5-May-23		21-Jun-23	37		
				5% 10-AL	IG-22 A 10						
Facade Structural D		366	150	07-Ap	or-22 A 29	9-Jun-23	20-Sep-23	16-May-24	322		
Facade Structural D 05-8000(M45)	Chimney (2.3.14.05.01)	90	90	07-Ap 0% 31-Ja	or-22 A 29 n-23 30	9-Jun-23)-Apr-23	20-Sep-23 20-Sep-23	16-May-24 18-Dec-23	322 232		31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45)	Chimney (2.3.14.05.01) IW MF Substation	90 90	90 30	07-Ap 0% 31-Ja 0% 11-Ju	or-22 A 29 n-23 30 I-22 A 01	9-Jun-23)-Apr-23 I-Mar-23	20-Sep-23 20-Sep-23 18-Jan-24	16-May-24 18-Dec-23 16-Feb-24	322 232 352		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D)	Chimney (2.3.14.05.01) IW MF Substation Process Building & Wastewater Treatment Plant (2.6.14.01)	90 90 90	90 30 60	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap	or-22 A 29 n-23 30 I-22 A 01 or-22 A 31	9-Jun-23 9-Apr-23 1-Mar-23 1-Mar-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23	322 232 352 262		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01)	90 90 90 90	90 30 60 90	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap	or-22 A 29 n-23 30 I-22 A 01 or-22 A 31 or-23 29	9-Jun-23 9-Apr-23 1-Mar-23 1-Mar-23 9-Jun-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24	322 232 352 262 322		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8040(6D) 05-8050(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01)	90 90 90 90 90	90 30 60 90 90	07-Ар 0% 31-Ја 0% 11-Ји 80% 07-Ар 0% 01-Ар	or-22 A 29 n-23 30 I-22 A 01 or-22 A 31 or-23 29 or-23 29	9-Jun-23 9-Apr-23 1-Mar-23 1-Mar-23 9-Jun-23 9-Jun-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24	322 232 352 262 322 292		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01)	90 90 90 90 90 90	90 30 60 90 90 90	07-Ар 0% 31-Ja 0% 11-Ju 80% 07-Ар 0% 01-Ар 0% 01-Ар 0% 01-Ар 0% 01-Ар	or-22 A 29 n-23 30 l-22 A 01 or-22 A 31 or-23 29 or-23 29 or-23 29 or-23 29	9-Jun-23 9-Apr-23 1-Mar-23 9-Jun-23 9-Jun-23 9-Jun-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24	322 232 352 262 322 292 232		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building	90 90 90 90 90 90 90	90 30 60 90 90 90 90	07-Ар 0% 31-Ja 0% 11-Ju 80% 07-Ар 0% 01-Ар 0% 01-Ар 0% 01-Ар 0% 31-Ja	or-22 A 29 n-23 30 I-22 A 01 or-22 A 31 or-23 29 or-23 29 n-23 30	9-Jun-23 9-Apr-23 1-Mar-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Apr-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Apr-24	322 232 352 262 322 292 232 232 352		
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Administration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures	90 90 90 90 90 90	90 30 60 90 90 90	07-Ар 0% 31-Ja 0% 11-Ju 80% 07-Ар 0% 01-Ар	pr-22 A 29 n-23 30 l-22 A 01 pr-23 29 pr-23 29 pr-23 29 pr-23 29 pr-23 29 pr-23 30 ar-23 30	9-Jun-23 1-Mar-23 1-Mar-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Apr-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Mar-23 9-Jun-	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Apr-24 20-Dec-23	322 232 352 262 322 292 232		31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Administration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures	90 90 90 90 90 90 90	90 30 60 90 90 90 90	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 02-Ma 0% 02-Ma 19-Ma 19-Ma	or-22 A 29 n-23 30 I-22 A 01 or-22 A 31 or-23 29 or-23 29 n-23 30	9-Jun-23 1-Mar-23 1-Mar-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Jun-23 9-Apr-23 9-Jun-23 9-Jun-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24	322 232 352 262 322 292 232 232 352		31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures mmissioning (2.12)	90 90 90 90 90 90 90 90 90 322	90 30 60 90 90 90 90 90 90 150	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja	pr-22 A 29 n-23 30 l-22 A 01 pr-22 A 31 pr-23 29 pr-23 29 pr-23 29 pr-23 29 pr-23 30 ar-23 30 ar-23 29	9-Jun-23 1-Apr-23 1-Mar-23 1-Mar-23 9-Jun-23 9-Jun-23 9-Jun-23 1-Apr-23 9-Jun-	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23	322 232 352 262 322 292 232 232 352 204 214		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810 05-4810 05-4810-1(5a)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.01)	90 90 90 90 90 90 90 90 90 90 90	90 30 60 90 90 90 90 90 150 90	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja	or-22 A 29 n-23 30 l-22 A 01 or-22 A 31 or-23 29 or-23 29 or-23 29 or-23 30 ar-23 30 ay-22 29 n-23 30 ay-22 29 n-23 30	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Jun-23 J-May-23 J-Jun-23 J-Jun-23 J-Jun-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23	322 232 352 262 322 292 232 2352 204 214 5		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-1(5a) 05-4810-2(M55) 0DA Transportation	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13)	90 90 90 90 90 90 90 90 <u>322</u> 90	90 30 60 90 90 90 90 90 150 90 60	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 5% 13-Ju 80% 19-Mit	or-22 A 29 n-23 30 l-22 A 01 or-22 A 31 or-23 29 or-23 29 or-23 29 or-23 30 ar-23 30 ay-22 29 n-23 30 ay-22 29 n-23 30	-Jun-23 -Apr-23 I-Mar-23 I-Mar-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Jun-23 -Apr-23 -Jun-23 -Apr-23 Apr-23 Apr-23 Apr-23 Apr-23 	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23	322 232 352 262 292 232 2352 204 214 5 214 204 40		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-1(5a) 05-4810-2(M55) 0DA Transportation 05-4850	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01)	90 90 90 90 90 90 90 90 322 90 90 90	90 30 60 90 90 90 90 90 150 90 60 10	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 5% 13-Ju 80% 19-Ma 25-Ju 25-Ju	Pr-22 A 29 n-23 30 l-22 A 01 br-22 A 31 br-22 A 31 br-22 A 31 br-23 2 29 br-23 2 29 br-23 30 30 ar-23 30 30 ay-22 4 29 n-23 30 30 ay-24 2 29 ay-22 3 30 ay-22 4 29 ay-22 5 30	-Jun-23 -Apr-23 I-Mar-23 I-Mar-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Jun-23 -Apr-23 -Jun-23 -Apr-23 	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23	322 232 352 262 322 232 244 204 40 40		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-1(5a) 05-4810-2(M55) 0DA Transportation 05-4850	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13)	90 90 90 90 90 90 90 90 90 90 90 90 90 105 341 341 341	90 30 60 90 90 90 90 150 90 60 60 10 121 121	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 19-Mx 13-Ju 80% 19-Mx 25-Ju 0% 25-Ju 0% 31-Ja	r-22 A 29 n-23 30 l-22 A 01 yr-23 A 29 yr-23 B 29 yr-23 B 29 yr-23 B 30 ar-23 B 30 ar-23 B 30 yr-24 B 99 yr-25 B 99 yr-26 B 99 yr-27 B 99 yr-28 B 30 yr-29 A 30 yr-22 A 30 yr-22 A 31 yr-22 A 31	-Jun-23 - Apr-23 - Mar-23 - Jun-23 - Jun-23 - Jun-23 - Jun-23 - Apr-23 - Apr-23 - Jun-23 - Apr-23 - Jun-23 - Jun-2	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 12-Mar-23 12-Mar-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23	322 232 352 262 292 232 2352 204 214 5 214 204 40		31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810 05-4810-1(5a) 05-4810-2(M55) DA Transportation 05-4850 05-4860	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SILFAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of marine vessels for the use of the Employer and visitors (2.13.06) Vorks (2.14)	90 90 90 90 90 90 90 322 90 90 90 105 341 341 121	90 30 60 90 90 90 90 150 90 60 10 10 121 121 121	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 19-Mix 25-Ju 0% 0% 25-Ju 0% 31-Ja 0% 25-Ju 0% 31-Ja	r-22 A 29 n-23 30 l-22 A 01 r-23 A 30 r-24 A 31 r-25 A 31 r-22 A 31 r-23 B 29 r-23 B 30 ar-23 B 30 ar-23 B 30 n-23 A 29 n-23 A 30 n-23 A 30 n-22 A 31 n-22 A 31 n-22 A 31 n-23 3 30	-Jun-23 - Apr-23 - Mar-23 - Jun-23 - Jun-23 - Jun-23 - Jun-23 - Apr-23 - Apr-23 - Apr-23 - Apr-23 - Jun-23 - Jun-2	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 03-Feb-23 12-Mar-23 12-Mar-23 12-Mar-23 10-Jul-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 05-May-24	322 232 352 262 322 232 232 232 232 232 214 214 204 40 40 40 100		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8050(6D) 05-8080(6D) 05-8080(6D) 05-8810 05-4810 05-4810-2(M55) 05-4810-2(M55) 05-4850 05-4860 0DA Miscellaneous V 05-4880	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SILFAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of marine vessels for the use of the Employer and visitors (2.13.06) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06)	90 90 90 90 90 90 90 90 322 90 90 90 90 105 341 341 121 396 396	90 30 60 90 90 90 90 150 90 60 10 121 121 121 121 121 396 396	07-Ap 0% 31-Ja 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 19-Ma 0% 25-Ju 0% 31-Ja 0% 31-Ja 0% 31-Ja	r-22 A 29 n-23 30 l-22 A 01 sr-23 29 sr-23 29 sr-23 29 n-23 30 ar-23 30 ar-23 30 ar-24 29 n-23 30 n-24 29 n-22 31 n-22 31 n-22 31 n-23 31 n-23 31 n-23 30 or-23 30	-Jun-23 -Apr-23 -Mar-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -Apr-23 -May-23 -Apr-23 -Jun-23 -Apr-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Apr-24 -May-23 -Apr-24	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 12-Mar-23 10-Jul-23 10-Jul-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 10-Jul-23 08-Aug-24	322 232 352 262 322 232 232 232 232 232 232 232 214 5 214 204 40 40 40 100 100		31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-1(5a) 05-4850 05-4850 05-4860 0DA Miscelian eous V 05-4880 0DA Miscelian eous V	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of wisitors and environmental education facilities (2.14.06) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06)	90 90 90 90 90 90 90 90 322 90 105 341 341 341 121 396 396	90 30 60 90 90 90 90 150 90 60 121 121 121 121 121 396 396 62	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 02-Mi 0% 13-Ja 5% 13-Ju 80% 19-Mi 0% 25-Ju 0% 25-Ju 0% 31-Ja 0% 01-Ap	r-22 A 29 n-23 30 l-22 A 01 sr-23 29 sr-23 29 sr-23 29 sr-23 29 sr-23 29 sr-23 30 ar-23 30 ay-22 29 ay-22 99 n-22 A 31 n-22 A 31 n-23 31 n-23 30 or-23 30 or-23 30 or-23 30 or-23 30	-Jun-23 - Apr-23 - Mar-23 - Jun-23 - Jun-23 - Jun-23 - Jun-23 - Apr-23 - Apr-23 - Apr-23 - Apr-23 - Apr-23 - Apr-23 - Feb-23 - May-23 - May-23 - May-23 - May-23 - May-23 - May-23 - Apr-24 - Apr-24 - Apr-24 - Apr-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 12-Mar-23 10-Jul-23 00-Jul-23 02-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 03-Aug-24 08-Aug-24 08-Aug-24	322 232 352 262 322 232 352 204 214 5 214 40 40 40 100 100 244		31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-1(5a) 05-4810-1(5a) 05-4850 05-4850 05-4860 0DA Miscellaneous V 05-4880 0DA Miscellaneous SU 05-4910	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06)	90 90 90 90 90 90 90 322 90 90 105 341 341 121 396 396 396 62	90 30 60 90 90 90 150 90 150 90 100 121 121 121 121 121 121 12	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 02-Mi 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 31-Ja	r-22 A 29 n-23 30 l-22 A 01 sr-23 29 sr-23 29 sr-23 29 sr-23 30 ar-23 30 ar-23 30 ar-23 30 n-22 A 21 ay-22 29 ay-22 09 n-22 A 31 n-22 A 31 n-23 30 sr-23 30 sr-23 30 n-23 30 n-23 30 n-23 31 n-23 30 n-23 30 n-23 30 n-23 30	-Jun-23 -Apr-23 -Mar-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -May-23 -May-23 -May-23 -May-23 -May-23 -May-23 -Apr-24 -Apr-24 -Apr-23 -Apr-23 -Apr-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 02-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Jul-23 10-Jul-23 08-Aug-24 08-Aug-24 02-Dec-23 02-Dec-23	322 232 352 262 322 292 232 352 204 214 5 214 204 100 100 244 244		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8040(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810-2(M55) 05-4810-2(M55) 05-4850 05-4860 05-4860 05-4880 0DA Miscellaneous V 05-4910 0DA Auxiliary Plant	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06)	90 90 90 90 90 90 90 90 322 90 105 341 341 341 121 396 396	90 30 60 90 90 90 90 150 90 60 121 121 121 121 121 396 396 62	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 02-Mi 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 31-Ja	r-22 A 29 n-23 30 l-22 A 01 sr-23 29 sr-23 29 sr-23 29 sr-23 30 ar-23 30 ar-23 30 ar-24 29 n-23 30 n-22 A 31 n-22 A 31 n-22 A 31 n-23 30 yr-23 30 yr-24 13	-Jun-23 -Apr-23 -Mar-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -May-23 -May-23 -May-23 -May-23 -May-23 -May-23 -Apr-24 -Apr-24 -Apr-23 -Apr-23 -Apr-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 01-Sup-23 10-Jul-23 10-Jul-23 10-Jul-23 08-Aug-24 08-Aug-24 02-Dec-23 02-Dec-23	322 232 352 262 322 232 352 204 214 5 214 40 40 40 100 100 244		31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810-2(M55) 05-4810-2(M55) 05-4810-2(M55) 05-4850 05-4860 05-4880 0DA Miscellaneous V 05-4910 05-4910 05-4910	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures mmissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for the use of the Employer and visitors (2.13.06) Works (2.14) Design of visitors and environmental education facilities (2.14.06) teating (2.15) Weighbridge office (2.15.08) Systems (2.16)	90 90 90 90 90 90 90 90 322 90 90 105 341 341 121 341 121 396 396 62 89	90 30 60 90 90 90 150 90 150 90 60 10 121 121 121 121 396 396 62 262 134	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 02-Mi 0% 31-Ja	Pr-22 A 29 n-23 30 l-22 A 01 br-22 A 31 br-22 A 31 br-22 A 31 br-23 B 29 br-23 B 30 br-23 B 30 br-23 B 30 br-22 A 31 n-22 A 31 n-22 A 31 n-22 A 31 n-22 A 30 pr-23 B 30 pr-23 G 30	-Jun-23 -Apr-23 -Mar-23 -Jun-23 -Jun-23 -Jun-23 -Jun-23 -Apr-23 -May-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -May-23 -May-23 -May-23 -May-23 -May-23 -May-23 -May-23 -May-23 -Apr-24 -Apr-24 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-23 -Apr-24 -Apr-23 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-24 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-24 -Apr-24 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Ap	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 02-Oct-23 02-Oct-23 09-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 08-Aug-24 08-Aug-24 02-Dec-23 02-Dec-23 19-Nov-23	322 232 352 262 322 232 352 204 214 5 214 204 40 40 100 244 244 159		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810-0 05-4810 05-4810-1(5a) 05-4860 0DA Transportation 05-4860 0DA Miscellaneous V 05-4910 0DA Miscellaneous SI 05-4910 0DA Auxiliary Plant SI 05-4940-1(5a) 05-4940-2(5a)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures mmissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for the use of the Employer and visitors (2.13.06) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06) tetting (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08)	90 90 90 90 90 90 90 90 322 90 90 90 90 90 105 341 341 121 341 341 121 396 396 62 896	90 30 60 90 90 90 150 90 150 90 100 121 121 121 121 396 396 62 62 134 42	07-Ap 0% 31-Ja 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja	Pr-22 A 29 n-23 30 l-22 A 01 br-22 A 31 br-22 A 31 br-22 A 31 br-23 B 29 br-23 B 30 br-23 B 30 br-23 B 30 br-22 A 31 n-22 A 31 n-22 A 31 n-22 A 31 n-22 A 30 pr-23 B 30 pr-23 G 30	Jun-23)-Apr-23)-Apr-23 -Mar-23)-Jun-23)-Jun-23)-Apr-23)-May-23)-May-23)-May-23)-Apr-24 -May-23 -Hay-23)-Apr-24 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24 -Apr-23 -Apr-24	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 02-Oct-23 02-Oct-23 09-Oct-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 08-Aug-24 02-Dec-23 02-Dec-23 10-Jul-23 10-Bul-23 02-Dec-23 12-Dec-23 12-Dec-23 13-Nov-23 13-Nov-23 20-Sep-23	322 232 352 262 322 232 352 204 214 5 214 40 40 1000 244 251		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8060(6D) 05-8060(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810-1(5a) 05-4810-2(M55) 0DA Transportation 05-4860 0DA Miscelian eous D 05-4880 0DA Miscelian eous D 05-4910 05-4940-1(5a) 05-4940-2(5a) 05-4940-3(6E)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) Verks (2.14) Design of visitors and environmental education facilities (2.14.06) Vetalphridge office (2.15.08) Systems (2.16) IW MF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11)	90 90 90 90 90 90 90 322 90 90 90 90 90 105 341 341 121 341 121 341 341 2396 396 396 396 396 289 42	90 30 60 90 90 90 150 90 150 90 60 10 121 121 121 121 121 121 396 396 62 262 134 42 134	07-Ap 0% 31-Ja 0% 31-Ja 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% <td>Pr-22 A 29 n-23 30 l-22 A 01 br-22 A 31 br-22 A 31 br-22 A 31 br-23 A 29 br-23 B 30 br-23 B 30 br-23 B 30 br-24 B 31 n-23 B 31 n-23 B 30 n-23 B 30 n-23 B 31 n-23 B 30 n-23 B 30 n-23 B 31 n-23 B 32 n-23 B 32 n-23 B 32 n-23 B 33 n-23 B 33 n-23 B 33 n-23 B 33 n-23 B 33</td> <td>Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Jun-23 J-May-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 P-Apr-23 Apr-24 P-Apr-23 Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 P-Apr-23 J-Apr-23 J-Ap</td> <td>20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 09-Oct-23 10-May-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 10-Hay-24 10-May-23 10-Feb-23</td> <td>16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 08-Aug-24 02-Dec-23 02-Dec-23 10-Jul-23 10-Bul-23 02-Dec-23 12-Dec-23 12-Dec-23 13-Nov-23 13-Nov-23 20-Sep-23</td> <td>322 232 352 262 322 232 352 204 214 5 214 204 40 40 1000 244 251 251 99</td> <td></td> <td>31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23</td>	Pr-22 A 29 n-23 30 l-22 A 01 br-22 A 31 br-22 A 31 br-22 A 31 br-23 A 29 br-23 B 30 br-23 B 30 br-23 B 30 br-24 B 31 n-23 B 31 n-23 B 30 n-23 B 30 n-23 B 31 n-23 B 30 n-23 B 30 n-23 B 31 n-23 B 32 n-23 B 32 n-23 B 32 n-23 B 33	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Jun-23 J-May-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 P-Apr-23 Apr-24 P-Apr-23 Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 P-Apr-23 J-Apr-23 J-Ap	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 12-Mar-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 09-Oct-23 10-May-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 09-Oct-23 10-Hay-24 10-May-23 10-Feb-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 08-Aug-24 02-Dec-23 02-Dec-23 10-Jul-23 10-Bul-23 02-Dec-23 12-Dec-23 12-Dec-23 13-Nov-23 13-Nov-23 20-Sep-23	322 232 352 262 322 232 352 204 214 5 214 204 40 40 1000 244 251 251 99		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8050(6D) 05-8050(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-810 05-4810 05-4810 05-4810-2(M55) 0DA Transportation 05-4860 0DA Miscelaneous N 05-4880 0DA Miscelaneous N 05-4910 05-4910 05-4910 05-4910 05-4940-1(5a) 05-4940-2(5a) 05-4940-3(6E) 0DA Ackages	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Facilities for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) Verks (2.14) Design of visitors and environmental education facilities (2.14.06) Vetalphridge office (2.15.08) Systems (2.16) IW MF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11)	90 90 90 90 90 90 90 90 90 90 90 90 90 9	90 30 60 90 90 90 150 90 150 90 60 10 121 121 121 121 121 121 121 121 121	07-Ap 0% 31-Ja 0% 31-Ja 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% <td>Jack 29 101-22 A 30 1-22 A 31 1-22 A 31 1-22 A 31 1-22 A 32 101-22 A 32 101-22 A 32 101-22 A 30 101-23 30 101-24 31 10-22 A 31 10-23 30 10-23 30 10-23 31 10-23 31 10-23 31 10-23 30 10-23 30 10-23 31 10-23 31 10-23 31 10-23 31 10-23 31 102-24 15</td> <td>Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Jun-23 J-May-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 P-Apr-23 Apr-24 P-Apr-23 Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 P-Apr-23 J-Apr-23 J-Ap</td> <td>20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 03-Feb-23 04-Dec-23</td> <td>16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 03-Aug-24 08-Aug-24 02-Dec-23 19-Nov-23 20-Sep-23 19-Nov-23 20-Sep-23 16-Mar-23</td> <td>322 232 352 262 322 232 244 159 251 99 1</td> <td></td> <td>31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23</td>	Jack 29 101-22 A 30 1-22 A 31 1-22 A 31 1-22 A 31 1-22 A 32 101-22 A 32 101-22 A 32 101-22 A 30 101-23 30 101-24 31 10-22 A 31 10-23 30 10-23 30 10-23 31 10-23 31 10-23 31 10-23 30 10-23 30 10-23 31 10-23 31 10-23 31 10-23 31 10-23 31 102-24 15	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Jun-23 J-May-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 P-Apr-23 Apr-24 P-Apr-23 Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 P-Apr-23 J-Apr-23 J-Ap	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 02-Oct-23 03-Feb-23 04-Dec-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 03-Aug-24 08-Aug-24 02-Dec-23 19-Nov-23 20-Sep-23 19-Nov-23 20-Sep-23 16-Mar-23	322 232 352 262 322 232 244 159 251 99 1		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8080(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810 05-4810-2(M55) 0DA Transportation 05-4880 0DA Miscelianeous I 05-4910 05-4910 05-4910 05-4940-1(5a) 05-4910 05-4910 05-4910 05-4940-1(5a) 05-4940-1(5a) 05-4940-1(5a) 05-4940-1(5a) 05-4940-2(5a) 05-4940-3(6E) 0DA O&M Packages 05-8070(6E)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures mmissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) etailing (2.15) Weighbridge office (2.15.08) Systems (2.16) IWM Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11)	90 90 90 90 90 90 90 322 90 90 90 90 105 341 121 341 121 396 62 62 62 289 42 42 134 90 384 380	90 30 60 90 90 90 150 90 150 90 10 121 121 121 121 121 121 121	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 25-Ju 0% 31-Ja 0% 31-Ja 0%	JP-22 A 29 n-23 30 l-22 A 01 yr-23 29 yr-23 29 yr-23 29 yr-23 29 yr-23 30 ar-23 30 ar-24 31 n-22 A 31 n-23 30 n-24 31 n-25 A 31 n-22 A 31 n-23 30 n-24 31 n-25 30 n-23 30 n-23 31 n-23 30 n-23 31 n-23 13 n-23 13 n-23 13 n-23 25 >b-23 25 b-23	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-May-23 J-May-23 J-Apr-24 PApr-24 J-Apr-23 J-May-23 J-Mar-23 J-Mar-23 J-Mar-23 J-Mar-23 J-Feb-24 S-Feb-24 S-Sep-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 05-Feb-23 01-Dec-23 23-Aug-23 12-Mar-23 10-Jul-23 02-Oct-23 03-Feb-23 04-Dec-23 04-Dec-23 04-Dec-23 04-Dec-23 02-May-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Nov-23 20-Sep-23 16-Mar-23 20-Sep-23 16-Mar-23 17-Dec-24 17-Dec-24	322 232 352 262 322 232 244 100 100 244 251 99 1 296 296 450		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810 05-4810-2(M55) 0DA Transportation 05-4860 0DA Miscelianeous M 05-4880 0DA Miscelianeous M 05-4910 05-4940-1(5a) 05-4940-2(5a) 05-4940-2(5a) 05-4940-2(5a) 05-4940-2(6E) 0DA O&M Packages 05-8070(6E) 05-8090(6E)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) PAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06) etiling (2.15) Weighbrid	90 90 90 90 90 90 90 90 90 90 90 105 341 341 121 341 121 396 62 62 62 62 89 42 134 90 384 380	90 30 60 90 90 90 150 90 60 10 121 121 121 121 396 396 62 134 42 134 42 134 44 380	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 25-Ju 0% 31-Ja 0% 31-Ja 0%	Jack 29 101-22 A 30 1-22 A 01 101-22 A 30 101-22 A 31 101-22 A 32 101-22 A 30 101-22 A 30 101-23 30 101-24 30 102-25 30 101-22 A 30 101-22 A 30 102-22 A 30 102-22 A 31 102-23 30 102-23 30 102-23 31 102-33 30 102-33 30 102-33 30 102-33 30 103-102-34 13 102-32 13 102-33 13 102-33 13 102-33 13 102-34 15 102-32 15	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-May-23 J-May-23 J-Apr-24 PApr-24 J-Apr-23 J-May-23 J-Mar-23 J-Mar-23 J-Mar-23 J-Mar-23 J-Feb-24 S-Feb-24 S-Sep-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 03-Feb-23 04-Dec-23 04-Dec-23 04-Dec-23 04-Dec-23 02-May-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-May-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 10-Sep-23 10-Sul-23 10-Sep-23 10-Nov-23 10-Nov-24 10-Nov-24	322 232 352 262 322 232 232 232 232 232 232 232 232 232 232 232 232 232 232 232 232 232 232 204 40 40 40 40 40 40 40 40 40 40 40 40 40 40 100 244 159 251 99 1 296		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810-2(M55) 0DA Transportation 05-4850 05-4860 0DA Miscellaneous D 05-4810 05-4810 05-4810 05-4810 05-4810 05-4810 05-4800 0DA Miscellaneous D 05-4910 05-4940-1(5a) 05-4940-2(5a) 05-4940-3(6E) 0DA O&M Package S 05-8070(6E) 05-8090(6E) 0Currement of I	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SILFAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SILFAT Plant for Process Island (2.12.09.03.01) Factifites for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Vorks (2.14) Design of visitors and environmental education facilities (2.14.06) etailing (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11) Warehouse (0&M Scope)	90 90 90 90 90 90 90 322 90 90 90 90 105 341 121 341 121 396 62 62 62 289 42 42 134 90 384 380	90 30 60 90 90 90 150 90 150 90 10 121 121 121 121 121 121 121	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 01-Ap 0% 31-Ja 0% 25-Ju 0% 31-Ja 0% 31-Ja 0%	JP-22 A 29 n-23 30 l-22 A 01 yr-23 29 yr-23 29 yr-23 29 yr-23 29 yr-23 30 ar-23 30 ar-24 31 n-22 A 31 n-23 30 n-24 31 n-25 A 31 n-22 A 31 n-23 30 n-24 31 n-25 30 n-23 30 n-23 31 n-23 30 n-23 31 n-23 13 n-23 13 n-23 13 n-23 25 >b-23 25 b-23	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-May-23 J-Jun-23 J-Jun-23 J-Jun-23 J-Apr-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Apr-24 J-Apr-23 J-Apr-23 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 J-Apr-23 J-May-23 J-May-23 J-May-23 J-Apr-24 J-Apr-24 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-Apr-24 J-Apr-23 J-May-23 J-May-23 J-May-23 J-May-23 J-May-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 03-Feb-23 04-Dec-23 04-Dec-23 04-Dec-23 04-Dec-23 02-May-24	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Feb-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 10-Sep-23 10-Nv-23 20-Sep-23 16-Mar-23 17-Dec-24 17-Dec-24 17-Dec-24 10-Feb-25	322 232 352 262 322 232 244 100 100 244 251 99 1 296 296 450		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810 05-4810-2(M55) DA Transportation 05-4850 05-4860 0DA Miscelianeous N 05-4800 0DA Miscelianeous N 05-4910 05-4940-2(5a) 05-4940-2(5a) 05-4940-2(5a) 05-4940-3(6E) 0DA O&M Packages 05-8090(6E) 05-curement of I fisite Fabrication	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatm ent Plant & Desalination Plant Building (2.4.14.01) Adminstration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures mmissioning (2.12) Factory Acceptance Testing plan (2.12.09.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Factory Acceptance Testing plan (2.12.09.02-07) Design of marine vessels for the use of the Employer and visitors (2.13.05) Design of walicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) etaling (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08) <t< td=""><td>90 90 90 90 90 90 90 322 90 90 90 90 90 90 90 90 90 90 90 90 90</td><td>90 30 60 90 90 90 150 90 60 10 121 121 121 121 121 396 396 62 62 134 42 134 42 134 44 380 230</td><td>07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 25-Ju 0% 25-Ju 0% 31-Ja 0% 31-Ja 0%</td><td>JP-22 A 29 an-23 30 l-22 A 01 br-23 29 br-24 29 br-23 29 br-23 29 br-23 29 br-23 30 ar-23 30 ar-24 31 n-22 A 31 n-23 30 ar-24 31 n-22 A 31 n-23 30 ar-23 30 ar-23 30 ar-24 31 n-23 30 ar-23 30 ar-23 30 ar-23 30 ar-23 30 ar-23 30 ar-24 31 ar-23 31 ar-24 13 ar-25 15 b-23 25 b-23 25 b-24 33 b-21 31</td><td>Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-May-23</td><td>20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 03-Feb-23 04-Dec-23 02-Oct-23 02-Oct-23 03-Feb-23 04-Dec-23 04-Dec-23 04-Dec-23 04-Dec-23 02-May-24 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22</td><td>16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Nov-23 20-Sep-23 16-Mar-23 17-Dec-24 17-Dec-24 10-Feb-25 03-Feb-24 16-Sep-23</td><td>322 352 262 322 232 244 251 99 1 296 296 450 373 0 169</td><td></td><td>31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23</td></t<>	90 90 90 90 90 90 90 322 90 90 90 90 90 90 90 90 90 90 90 90 90	90 30 60 90 90 90 150 90 60 10 121 121 121 121 121 396 396 62 62 134 42 134 42 134 44 380 230	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 31-Ja 0% 31-Ja 0% 25-Ju 0% 25-Ju 0% 25-Ju 0% 31-Ja 0% 31-Ja 0%	JP-22 A 29 an-23 30 l-22 A 01 br-23 29 br-24 29 br-23 29 br-23 29 br-23 29 br-23 30 ar-23 30 ar-24 31 n-22 A 31 n-23 30 ar-24 31 n-22 A 31 n-23 30 ar-23 30 ar-23 30 ar-24 31 n-23 30 ar-23 30 ar-23 30 ar-23 30 ar-23 30 ar-23 30 ar-24 31 ar-23 31 ar-24 13 ar-25 15 b-23 25 b-23 25 b-24 33 b-21 31	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 03-Feb-23 04-Dec-23 02-Oct-23 02-Oct-23 03-Feb-23 04-Dec-23 04-Dec-23 04-Dec-23 04-Dec-23 02-May-24 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Nov-23 20-Sep-23 16-Mar-23 17-Dec-24 17-Dec-24 10-Feb-25 03-Feb-24 16-Sep-23	322 352 262 322 232 244 251 99 1 296 296 450 373 0 169		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8080(6D) 05-4810 05-4810 05-4810-2(M55) 0DA Transportation 05-4860 0DA Miscellaneous M 05-4810 05-4800 0DA Miscellaneous M 05-4910 0DA Auxillary Plant S 05-4940-3(6E) 0DA O&M Packages 05-8070(6E) 05-8090(6E) 0Currement of I fi-site Fabrication daterial Procuremen 06-1000-3(1)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Administration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Factory acceptance Testing plan (2.12.09.02-07) (8 Packages) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Factifies for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) etaling (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11) Warehouse (0&M Scope) Ash & Residues Container (0&M Scope) Ash & Residues Container (0&M Scope)	90 90 90 90 90 90 90 90 90 90 90 90 90 9	90 30 60 90 90 90 150 90 150 90 100 121 121 121 121 121 121 12	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 31-Ja 0% 25-Ju 0% 21-Ja 0% 21-Ja 0% 21-Ja 0% 31-Ja	Jack 22 A 29 n-22 A 30 30 l-22 A 01 37 yr-23 29 30 yr-23 29 30 yr-23 29 30 yr-23 29 30 yr-24 29 30 yr-25 29 30 yr-26 30 30 yr-27 9 30 yr-28 31 30 yr-29 9 12 yay-22 90 12 yay-23 30 30 yr-23 30 30 yr-24 31 30 yr-23 30 30 yr-23 30 30 yr-24 13 31 yr-25 13 31 yr-22 13 31 yr-24 15 32 yr-25 23 25 >102 24 31 <	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-Apr-23 J-May-23 J-Jun-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 J-Apr-24 J-Apr-23 J-May-23 J-May-23 J-Mar-23 J-Mar-23 J-Apr-24 J-Peb-24 J-Feb-24 J-Feb-24 J-Feb-24 J-Feb-24 J-Mar-23 J-Feb-24 J-Mar-23 J-Mar-23	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 02-Oct-23 03-Feb-23 04-Dec-23 09-Oct-23 09-Oct-23 09-Oct-23 01-Feb-23 01-Feb-23 01-Feb-23 04-Dec-23 04-Dec-23 02-May-24 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 19-Jul-23 19-Jul-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 16-Apr-24 10-Dec-23 29-Jan-24 05-May-23 29-Jan-24 01-Sep-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 02-Dec-23 19-Nov-23 19-Nov-23 19-Nov-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 19-Nov-23 19-Nov-23 10-Sep-23 10-Mar-23 10-Mar-23 10-Mar-23 10-Bec-24 17-Dec-24 10-Feb-25 03-Feb-24 16-Sep-23 16-Sep-23	322 232 352 262 322 232 244 159 251 99 1 296 450 373 0 169 169		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8080(6D) 05-8080(6D) 05-8080(6D) 05-4810 05-4810 05-4810-1(5a) 05-4850 05-4850 05-4860 0DA Transportation 05-4860 0DA Miscellaneous V 05-4810 05-4810 0DA Miscellaneous V 05-4910 0DA Auxiliary Plant S 05-4940-1(5a) 05-4940-2(5a) 05-4940-3(6E) 0DA OK Package S 05-8090(6E) Cocurement of I ff-site Fabricatior Vaterial Procuremen 06-1000-3(1)	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Administration Building and Viewing Gallery (2.7.12.01) Turbine Hall Building Elevated Driveway and Associated Structures Immissioning (2.12) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Factory acceptance Testing plan (2.12.09.02-07) (8 Packages) Factory Acceptance Testing plan (2.12.09.02-07) (8 Packages) Factifies for the Operation (2.13) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) etaling (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11) Warehouse (0&M Scope) Ash & Residues Container (0&M Scope) Ash & Residues Container (0&M Scope)	90 90 90 90 90 90 90 90 90 90 90 105 341 341 121 341 341 121 346 346 24 289 42 289 42 289 42 134 380 230 384 380 230 1064 42 384 384 380 230	90) 30) 90) 90) 90) 150 90) 150 90) 150 90) 121 121 121 121 121 121 121 12	07-Ap 0% 31-Ja 0% 31-Ja 0% 01-Ap 0% 31-Ja 0% 13-Ju 0% 25-Ju 0% 21-Ja 0% 21-Ja 0% 31-Ja 0% 32-Ja <	r-22 A 29 n-23 30 l-22 A 01 sr-23 29 n-23 29 n-23 30 ar-23 29 n-23 30 ar-23 30 ar-24 29 n-23 30 ar-24 29 n-23 30 n-24 31 n-22 30 n-23 30 n-24 31 n-23 30 n-23 30 n-24 31 n-23 30 n-23 30 n-23 30 n-23 31 n-23 13 n-23 13 n-23 25 b-23 25 b-23 24 n 31 b-24 31 b-24 31 b-24 31 b-24	Jun-23 J-Apr-23 I-Mar-23 I-Mar-23 J-Jun-23 J-Jun-23 J-Jun-23 J-May-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-23 J-Apr-24 J-Feb-23 J-Apr-24 Apr-23 J-Apr-24 Apr-23 J-Apr-24 Apr-23 J-Apr-24 Pap-24 Apr-23 J-Apr-24 Pap-24 Pap-24 Apr-23 J-May-23 J-Apr-24 Pap-24 Pap-24 Pap-24 J-Map-23 J-Mar-23 J-Mar-23 Pap-24 Sep-24 Sep-24 Har-23 J-Feb-24 Sep-24	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 10-Jul-23 02-Oct-23 09-Oct-23 09-Oct-23 01-Feb-23 09-Oct-23 01-Feb-23 04-Dec-23 04-Dec-23 02-May-24 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22 11-Nov-22	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Jul-23 10-Jul-23 02-Dec-23 02-Dec-23 10-Jul-23 10-Poc-24 17-Dec-24 17-Dec-24 10-Feb-25 03-Feb-24 16-Sep-23 16-Sep-23 16-Sep-24	322 232 352 262 322 232 214 40 40 40 40 40 40 40 40 40 40 40 40 40 40 100 244 159 99 1 296 296 450 373 0 169 16		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23
Facade Structural D 05-8000(M45) 05-8010(M45) 05-8020(6D) 05-8020(6D) 05-8050(6D) 05-8060(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-8070(6D) 05-4810 05-4810 05-4810-2(M55) DDA Transportation 05-4850 05-4860 DDA Miscellaneous D 05-4910 DDA Auxiliary Plant S 05-4910 DDA Auxiliary Plant S 05-4940-2(5a) 05-4940-3(6E) DDA O& M Package S 05-8070(6E) 05-8090(6E) rocurrement of I	Chimney (2.3.14.05.01) IWMF Substation Process Building & Wastewater Treatment Plant (2.6.14.01) Reception Pavilion (2.3.14.07.01) Mechanical Treatment Plant & Desalination Plant Building (2.4.14.01) Administration Building and Viewing Gallery (2.7.12.01) Turtine Hall Building Elevated Driveway and Associated Structures missioning (2.12) Factory Acceptance Testing plan (2.12.09.02) Factory Acceptance Testing plan (2.12.09.02.07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02.07) (8 Packages) FAT of DCS - Software SIL FAT Plant for Process Island (2.12.09.03.01) Factory Acceptance Testing plan (2.12.09.02.07) (8 Packages) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of vehicles for MSW and Ash and Residues delivery (2.13.05) Design of visitors and environmental education facilities (2.14.06) etailing (2.15) Weighbridge office (2.15.08) Systems (2.16) IWMF Laboratory (2.16.08) Hoisting systems (2.16.10) EOTC System (2.16.11) Warehouse (O&M Scope) Ash & Residues Container (O&M Scope) Ash & Residues Container	90 90 90 90 90 90 90 90 90 90 90 90 90 9	90 30 60 90 90 90 150 90 150 90 100 121 121 121 121 121 121 12	07-Ap 0% 31-Ja 0% 11-Ju 80% 07-Ap 0% 01-Ap 0% 13-Ja 0% 25-Ju 0% 21-Ja 0% 21-Ja 0% 21-Ja 0% 31-Ja	Jack 22 A 29 n-22 A 30 30 l-22 A 01 37 yr-23 29 30 yr-23 29 30 yr-23 29 30 yr-23 29 30 yr-24 29 30 yr-25 29 30 yr-26 30 30 yr-27 9 30 yr-28 31 30 yr-29 9 12 yay-22 90 12 yay-23 30 30 yr-23 30 30 yr-24 31 30 yr-23 30 30 yr-23 30 30 yr-24 13 31 yr-25 13 31 yr-22 13 31 yr-24 15 32 yr-25 23 25 >102 24 31 <	Jun-23)- Apr-23)- Apr-23 -Mar-23)-Jun-23)-Jun-23)-Jun-23)-Apr-23)-Apr-23)-Apr-23)-Apr-23)-Apr-23)-Apr-23)-Apr-23)-Apr-23)-Apr-24)-Apr-23 -May-23 -Feb-24 -May-23 -May-23 -May-23 -May-23 -May-23 <td>20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 02-Oct-23 03-Feb-23 04-Dec-23 05-Feb-23 04-Dec-23 19-Jul-23 19-Jul-23</td> <td>16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Sep-23 16-Mar-23 10-Feb-24 17-Dec-24 17-Dec-24 10-Feb-25 03-Feb-24 10-Sep-23 16-Sep-23 16-Sep-23 16-Sep-23 16-Sep-24 20-Sep-23 <td< td=""><td>322 232 352 262 322 232 244 159 251 99 1 296 450 373 0 169 169</td><td></td><td>31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23</td></td<></td>	20-Sep-23 20-Sep-23 18-Jan-24 20-Oct-23 17-Feb-24 18-Jan-24 19-Nov-23 18-Jan-24 22-Sep-23 05-Feb-23 01-Dec-23 12-Mar-23 12-Mar-23 12-Mar-23 02-Oct-23 03-Feb-23 04-Dec-23 05-Feb-23 04-Dec-23 19-Jul-23 19-Jul-23	16-May-24 18-Dec-23 16-Feb-24 18-Dec-23 16-Apr-24 16-Apr-24 16-Feb-24 16-Apr-24 16-Apr-24 16-Apr-24 20-Dec-23 29-Jan-24 05-May-23 10-Jul-23 10-Sep-23 16-Mar-23 10-Feb-24 17-Dec-24 17-Dec-24 10-Feb-25 03-Feb-24 10-Sep-23 16-Sep-23 16-Sep-23 16-Sep-23 16-Sep-24 20-Sep-23 <td< td=""><td>322 232 352 262 322 232 244 159 251 99 1 296 450 373 0 169 169</td><td></td><td>31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23</td></td<>	322 232 352 262 322 232 244 159 251 99 1 296 450 373 0 169 169		31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23 31-Jan-23

3-Month Rolling Programme (January 2023) Page 8 of 18



Actual Milestone

♦ ♦ Critical Milestone

♦ Milestone

♦

Critical Remaining Work

ct No. EP/S t Facilities,		R	境保護署 vironmental Protaction Department
Feb	Mar		Apr
63	64		65
			16-Apr-23, F
			15-Apr-23, Si
			15-Apr-23, Si
			06-Apr-23, Site ELV Ne
	06-Mar-23	Microwave tr	ansmission of FS direct link, Mi
	00-10181-23	, which owave the	
		01-Apr-23	
		01-Apr-23	
08-Feb-23, Externa	I and internal finish	es design for	Turbin e Hall Building, External a
08-Feb-23, Externa	I and internal finish	es design for (CCCW Building, External and ir
			02-Apr-23, External and int
	17-Mar-23 🗖		iiiiii
	01-Mar-22 Exto	rnal and interr	al finishes design for the Waste
	- 01-1VIAI-23, EXLE	mai anu mien	ia misies design of the waste
			·
ernal and internal fin	ishes design for the	e IWMF Subst	ation (2.11.20), 04-Feb-23, 04-F
02-Mar-23			
02-Mar-23			
02-Mar-23			
02-10181-23			
			;
	01-Mar-23, IW N	IF Substation,	IW MF Substation, 01-Mar-23
	01-Mar-23, IW N		WMF Substation, 01-Mar-23 31-Mar-23, Process Building
	□ 01-Mar-23, IW N	01-Apr-23	j
	01-Mar-23, IWN		j
	01-Mar-23, IWN	01-Apr-23	j
	01-Mar-23, IWN	01-Apr-23 01-Apr-23	j
02-Mar-23	01-Mar-23, IWN	01-Apr-23 01-Apr-23	j
02-Mar-23	01-Mar-23, IWN	01-Apr-23 01-Apr-23	j
02-Mar-23	01-Mar-23, IWN	01-Apr-23 01-Apr-23	j
02-Mar-23	01-Mar-23, IWM	01-Apr-23 01-Apr-23	j
		01-Apr-23 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23	j
		01-Apr-23 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo	31-Mar-23, Process Building
		01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo	31-Mar-23, Process Building
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 LFAT Plant fo	31-Mar-23, Process Building
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 LFAT Plant fo	31-Mar-23, Process Building
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08)
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys
	DCS - Software SI	01-Apr-23 01-Apr-23 01-Apr-23 L FAT Plant fo 01-Apr-23 01-Apr-23	31-Mar-23, Process Building r Process Island (2.12.09.03.01 02-Apr-23, Weighbridge off Laboratory (2.16.08) TC System (2.16.11), EOTC Sys

	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float	M62 Remarks	Jan
06-TPU-1-1280	PFab 1-Line 1 - Electrical Cable Pulling and Term ination	180	180		18-Mar-23	13-Sep-23*	18-Mar-23	13-Sep-23	0	Rescheduled to 180days for on-site installation	62
			100	0,0	10 1141 20	10 000 20	10 1110 20	10 000 20	Ũ		
🔲 06-TPU-1-1290	PFab 1-Line 1 - Electrical Equipment Installation	180	180	0%	15-Mar-23*	10-Sep-23	15-Mar-23	10-Sep-23	0	Rescheduled to 180days for on-site installation	
Instrument		299	182		25-Nov-22 A	19-Sep-23	22-Mar-23	19-Sep-23	0		
06-TPU-1-1310	PFab 1-Line 1 - Instrument Cable Pulling and Termination	180	180	0%	24-Mar-23	19-Sep-23*	24-Mar-23	19-Sep-23	0	Rescheduled to 180days for on-site installation	
06-TPU-1-1320	PFab 1-Line 1 - Instrument Equipment Installation	180	101	43.89%	25-Nov-22 A	30-Jun-23	22-Mar-23	30-Jun-23	0	Rescheduled to 180days for on-site installation	
06-TPU-1-1330	PFab 1-Line 1 - Instrument Tubing Installation	180	180	0%	22-Mar-23	17-Sep-23	22-Mar-23	17-Sep-23	0	Rescheduled to 180days for on-site installation	
_	· · · · · · · · · · · · · · · · · · ·										
Insulation 06-TPU-1-1020	PFab 1-Line 1 - Insulation	150 150	233 233	0%	23-May-22 23-May-22	20-Sep-23 20-Sep-23*		20-Sep-23 20-Sep-23	0		
Load out & Shipping		20	12		02-Feb-23 A	· ·		15-Dec-22	-58		
06-TPU-1-1040	PFab 1-Line 1 - Load out & ready to ship	20	12		02-Feb-23 A			15-Dec-22	-58		02-Feb-23 A
Delivery 06-TPU-1-1350	PEak 1 Line 1 Delivery	10 10	10 10		12-Feb-23 12-Feb-23	21-Feb-23 21-Feb-23		25-Dec-22 25-Dec-22	-58 -58		
PFab 1- Line 2	PFab 1-Line 1 - Delivery	598	254		04-Feb-22 A			25-Dec-22	-58 0		11
Mechanical Erection		213	21		04-Feb-22 A	1		01-Dec-22	-81		
06-TPU-2-1120	PFab 1-Line 2 - Mechanical Installation - 1st Floor (Below EL20.47m) (Including Combustion Grate)	80	21		04-Feb-22 A			01-Dec-22	-81		
06-TPU-2-1130	PFab 1-Line 2 - Mechanical Installation - 2nd Floor(EL20.47m~EL26.72m) (Including Deaerator)	80	21		25-Feb-22 A			01-Dec-22	-81		
06-TPU-2-1140	PFab 1-Line 2 - Mechanical Installation - 3rd Floor(EL26.72m~EL37.72m) (Including Boiler Ash Tra		21		06-May-22	20-Feb-23		01-Dec-22	-81		
06-TPU-2-1150	PFab 1-Line 2 - Mechanical Installation - 4th Floor(EL37.72m~EL47.22m) (Including Air Ducts)	80 279	21 254	/3./5%	19-Jun-22 A 16-Dec-22 A			01-Dec-22 11-Oct-23	-81 0		
E&I Installation (On-		279	254		16-Dec-22 A			11-Oct-23	0		
06-TPU-2-1270	PFab 1-Line 2 - Electrical Cable Pulling and Term ination	180	180	0%	15-Apr-23	11-Oct-23	_	11-Oct-23	0	Rescheduled to 180days for on-site installation	
00 TDU 0 4000	DEsk 4 Line 0. Electrical Environment Installation	100	100	00/	07.4	00.0-1.00	07 4	00.0-+ 00	0	Designed and the 400 days for any site installation	
06-TPU-2-1280	PFab 1-Line 2 - Electrical Equipment Installation	180	180	0%	07-Apr-23	03-Oct-23	07-Apr-23	03-Oct-23	0	Rescheduled to 180days for on-site installation	
06-TPU-2-1330	PFab 1-Line 2 - MCC room installation (Installation by Yard)	25	21	16%	16-Dec-22 A			01-Dec-22	-81		
Instrument 06-TPU-2-1300	PFab 1-Line 2 - Instrument Cable Pulling and Termination	188 180	188 180	0%	07-Apr-23 15-Apr-23	11-Oct-23 11-Oct-23*	07-Apr-23 15-Apr-23	11-Oct-23 11-Oct-23	0	Rescheduled to 180days for on-site installation	
	-										
06-TPU-2-1310	PFab 1-Line 2 - Instrument Equipment Installation	180	180	0%	07-Apr-23	03-Oct-23	07-Apr-23	03-Oct-23	0	Rescheduled to 180days for on-site installation	
06-TPU-2-1320	PFab 1-Line 2 - Instrument Tubing Installation	180	180	0%	07-Apr-23	03-Oct-23	07-Apr-23	03-Oct-23	0	Rescheduled to 180days for on-site installation	
		150			00.14 00	10.0.00		10.0.00	-		
Insulation 06-TPU-2-1010	PFab 1-Line 2 - Insulation	150 150	232 232		22-May-22 22-May-22	19-Sep-23 19-Sep-23*		19-Sep-23 19-Sep-23	0		
Load out & Shipping		20	20		21-Feb-23	12-Mar-23		21-Dec-22	-81		
06-TPU-2-1030	PFab 1-Line 2 - Load out & ready to ship	20	20	0%	21-Feb-23*	12-Mar-23	02-Dec-22	21-Dec-22	-81		
Delivery		10	10		13-Mar-23	22-Mar-23		31-Dec-22	-81		
06-TPU-2-1340	PFab 1-Line 2 - Delivery	10	10		13-Mar-23	22-Mar-23		31-Dec-22	-81		
PFab 1- Line 3 Structure Erection		661 135	304 27		09-Mar-21 A 14-Jan-22 A	30-Nov-23 26-Eeb-23	11-Nov-22	30-Nov-23 30-Jan-23	0 -27		
06-TPU-3-1080	PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel Structure Erection	12			11-Jul-22 A			28-Dec-22	-43		
9 06-TPU-3-1090	PFab 1-Line 3 - Top Floor(EL47.22 m~ EL54.47m) Primary & Secondary Steel Structure Erection	39	12	69.23%	03-Aug-22 A	11-Feb-23	30-Dec-22	10-Jan-23	-32		
06-TPU-3-1100	PFab 1-Line 3 - Tertiary Structure Erection	90	27		14-Jan-22 A	_	_	30-Jan-23	-27		
Mechanical Erection 06-TPU-3-1120		393	56 47		03-Mar-22 A			19-Feb-23	-36 -27		
06-TPU-3-1120	PFab 1-Line 3 - Mechanical Installation - 1st Floor (Below EL20.47m) (Including Combustion Grate) PFab 1-Line 3 - Mechanical Installation - 2nd Floor (EL20.47m~EL26.72m) (Including Deaerator)	80	47		03-Mar-22 A 13-May-22			19-Feb-23 19-Feb-23	-27		
06-TPU-3-1140	PFab 1-Line 3 - Mechanical Installation - 3rd Floor(EL26.72m~EL37.72m) (Including Boiler Ash Tra		45		17-Jun-22 A			19-Feb-23	-36		
06-TPU-3-1150	PFab 1-Line 3 - Mechanical Installation - 4th Floor(EL37.72m~EL47.22m) (Including Air Ducts)	56	56		31-Jan-23*			19-Feb-23	-36		31-Jan-23*
06-TPU-3-1240	PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation	80	23	71.25%	11-Aug-22 A	22-Feb-23	19-Dec-22	10-Jan-23	-43		
Piping Fabrication		180	6		09-Mar-21 A			16-Nov-22	-81		
06-TPU-3-1220	PFab 1-Line 3 - Piping Fabrication	180	6	96.67%	09-Mar-21 A			16-Nov-22	-81		
Piping Installation 06-TPU-3-1000	PFab 1-Line 3 - Piping Installation	119 119	81 81	31.93%	05-Oct-22 A 05-Oct-22 A			30-Jan-23 30-Jan-23	-81 -81		
E&I Installation		112	81		02-Dec-22 A			30-Jan-23	-81		
06-TPU-3-1250	PFab 1-Line 3 - E&I Support Installation	45	74	0%	02-Dec-22 A	14-Apr-23	11-Nov-22	23-Jan-23	-81		
06-TPU-3-1260	PFab 1-Line 3 - E&I Cable Ladder Erection	45	81		02-Dec-22 A			30-Jan-23	-81		
Electrical 06-TPU-3-1290	PFab 1-Line 3 - Electrical Heat Tracing Installation (Installation by Yard)	26 26	26 26		27-Mar-23			30-Jan-23	-81 -81		
06-TPU-3-1290	PFab 1-Line 3 - Electrical Heat Tracing Installation (Installation by Yard) PFab 1-Line 3 - MCC room installation (Installation by Yard)	26	26		27-Mar-23* 28-Mar-23*			30-Jan-23 30-Jan-23	-81		
Insulation		150	304	078		30-Nov-23		30-Nov-23	0		
06-TPU-3-1010	PFab 1-Line 3 - Insulation	150	304	0%	23-May-22	30-Nov-23*		30-Nov-23	0		
Load out & Shipping		20	20		22-Apr-23	11-May-23		19-Feb-23	-81		
06-TPU-3-1030	PFab 1-Line 3 - Load out & ready to ship	20	20		22-Apr-23*	-		19-Feb-23	-81		
PFab 1- Line 4 Structure Erection		688 90	304 29		09-Mar-21 A	30-Nov-23 28-Feb-23		30-Nov-23 06-Feb-23	0 -22		

Page 9 of 18

Critical Remaining Work

Peic Mar Agr 18-Mar-23 18-Mar-23 15-Mar-23 15-Mar-23 24-Mar-23 24-Mar-23 22-Mar-23 22-Mar-23 22-Mar-23 22-Mar-23 21-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation - 1st Floor (Below EL20.47m EL20.47m PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation - 3rd Floor (EL20.72m - EL47 PFab 1-Line 2 - Mechanical Installation - 3rd Floor (EL20.72m - EL47 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-24 14-Ma	t No. EP/SP/6 Facilities, Pha	ise 1		vironmental Protection Departmen
18-Mar-23 15-Mar-23* 24-Mar-23 22-Mar-23 22-Mar-23 22-Mar-23 22-Mar-23 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation - 1st Floor (Below EL20.47m PFab 1-Line 2 - Mechanical Installation - 2nd Floor(EL20.47m - EL27 PFab 1-Line 2 - Mechanical Installation - 2nd Floor(EL20.47m - EL27 PFab 1-Line 2 - Mechanical Installation - 3rd Floor(EL20.47m - EL27 PFab 1-Line 2 - Mechanical Installation - 4th Floor(EL37.72m - EL47 15-Apr-23 07-Apr-23 07-Apr-24 15-Apr-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - ther arry Structure Erection, 28-Feb -28, 26-Feb PFab 1-Line 3 - ther arry Structu	Feb			
24-Mar-23 22-Mar-23 22-Mar-23 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 4th Floor (EL30.72m - EL47 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 07-				
24-Mar-23 22-Mar-23 22-Mar-23 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 4th Floor (EL30.72m - EL47 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 07-				
22-Mar-23 1 11-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL4 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation PFab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation prefab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation prefab 1-L	15-Ma	ar-23*		
22-Mar-23 1 11-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL2 PFab 1-Line 2 - Mechanical Installation - 2nd Floor (EL20.47m - EL4 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - MCC room Installation (installation by Yard), 20-Feb 15-Apr-23 PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation by Yard), 20-Feb PFab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation PFab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation prefab 1-Line 3 - McC room Installation (installation prefab 1-Line 3 - McC room Installation prefab 1-L				
11-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation 1st Floor (Below EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m 15-Apr-23 07-Apr-23 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - Ath Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation		24-Mar-3	23	
11-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation 1st Floor (Below EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m 15-Apr-23 07-Apr-23 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - Ath Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation				
11-Feb-23, PFab 1-Line 1 - Load out & ready to ship 21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation 1st Floor (Below EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m PFab 1-Line 2 - Mechanical Installation 3rd Floor (EL20.47m 15-Apr-23 07-Apr-23 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - Ath Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation PFab 1-Line 3 - Mechanical installation				
21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation 9Fab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) 9Fab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) 9Fab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) 9Fab 1-Line 3 - Mechanical Installation		22-Mar-23		· · · · · · · · · · · · · · · · · · ·
21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation 9Fab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) 9Fab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) 9Fab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) 9Fab 1-Line 3 - Mechanical Installation				
21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation 97-Apr-23 07-Apr-23 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Thertary Structure PFab 1-Line 3 - Thertary Structure PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation				
21-Feb-23, PFab 1-Line 1 - Delivery PFab 1-Line 2 - Mechanical Installation Prab 1-Line 2 - Mechanical Installation 97-Apr-23 07-Apr-23 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Thertary Structure PFab 1-Line 3 - Thertary Structure PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation				
PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation 13-Mar-23 PFab 1-Line 2 - MCC room Installation 13-Mar-23 PFab 1-Line 3 - the floor (EL37.72m - EL47.22m) Primary & Secondary Steel PFab 1-Line 3 - the floor (EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - The floor (EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb	11-Feb-23, PFab 1-Line	1 - Load out	& ready to sl	hip
PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room Installation 13-Mar-23 PFab 1-Line 2 - MCC room Installation 13-Mar-23 PFab 1-Line 3 - the floor (EL37.72m - EL47.22m) Primary & Secondary Steel PFab 1-Line 3 - the floor (EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - The floor (EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb	21-Feb-23. P	Fab 1-Line 1	- Deliverv	
PFab 1-Line 2 - Mechanical Installation 2nd Floor(EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 3rd Floor(EL26.72m - EL3) PFab 1-Line 2 - Mechanical Installation 4th Floor(EL37.72m - EL47 15-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 Feb-23* 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb 23, PFab 1-Line 3 - Piping Fi				
PFab 1-Line 2 - Mechanical Installation 2nd Floor(EL20.47m - EL20 PFab 1-Line 2 - Mechanical Installation 3rd Floor(EL26.72m - EL3) PFab 1-Line 2 - Mechanical Installation 4th Floor(EL37.72m - EL47 15-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 Feb-23* 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb 23, PFab 1-Line 3 - Piping Fi				
PFab 1-Line 2 - Mechanical Installation PFab 1-Line 2 - Mechanical Installation 15-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 Feb-23* 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel PFab 1-Line 3 - 4th Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb 23, PFab 1-Line 3 - Piping F PFa				
PFab 1-Line 2 - Mechanical Installation 4 th Floor(EL37.72m - EL47 15-Apr-23 07-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 Feb-23" 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m - EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 70p Floor(EL47.22m - EL47.22m				
07-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel St PFab 1-Line 3 - Nechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-				
07-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 07-Apr-23 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - 70p Floor(EL47.22m~EL54.47m); Primary & Secondary Steel St PFab 1-Line 3 - 70p Floor(EL47.22m~EL54.47m); Primary & Secondary Steel St PFab 1-Line 3 - Nechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F 27-Mar-23* 21-A 28-Mar-23* 21-A				
07-Apr-23 PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) P (imary & Secondary Steel St PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) P (imary & Secondary Steel St PFab 1-Line 3 - 70p Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel St PFab 1-Line 3 - 70p Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel St PFab 1-Line 3 - Morchanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Lin				15-Apr-22
PFab 1-Line 2 - MCC room installation (Installation by Yard), 20-Feb 15-Apr-23 07-Apr-23 07-Apr-23 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - 4th Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel St PFab 1-Line 3 - 7bp Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel St PFab 1-Line 3 - 7bp Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel St PFab 1-Line 3 - Mechanical Installation PFab				13-Api-23
15-Apr-23 07-Apr-23 07-Apr-23 Feb-23" 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m ~ EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical Installation = 9Fab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation = 80ier Lifting & Installation PFab 1-Line 3 - Piping Floor(EL47.22m ~ EL54.23, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Floor PFab 1-Line 3 - Piping Floor(EL47.22m ~ 21-A 28-Mar-23" 21-A			07-Ap	pr-23
15-Apr-23 07-Apr-23 07-Apr-23 Feb-23" 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m ~ EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - 7bp Floor(EL47.22m ~ EL54.47m) Primary & Secondary Steel SI PFab 1-Line 3 - Mechanical Installation = 9Fab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation = 80ier Lifting & Installation PFab 1-Line 3 - Piping Floor(EL47.22m ~ EL54.23, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Floor PFab 1-Line 3 - Piping Floor(EL47.22m ~ 21-A 28-Mar-23" 21-A	PEab 1 Line 2	MCC room	installation	(Installation by Vard) 20 Ech 2
07-Apr-23 07-Apr-23 Feb-23* 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - 4th Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F 27-Mar-23* 21-A 28-Mar-23* 21-A			Installation	(instantion by faid), 20-1 60-2
07-Apr-23 Feb-23* 12-Mar-23, PFab t-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab t-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fet PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fib 1-Line 3 - Piping Fi				15-Apr-23
07-Apr-23 Feb-23* 12-Mar-23, PFab t-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab t-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fet PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fi PFab 1-Line 3 - Piping Fib 1-Line 3 - Piping Fi			07.4-	- 00
Feb-23' 12-Mar-23, PFab 1-Line 2 - Load out & ready to 13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation B1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFa PFa 27-Mar-23' 21-A 28-Mar-23' 21-A			07-Ap	1-23
13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Piping Floor(EL47.22m 21.4 27-Mar-23* 21.4			07-Ap	pr-23
13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Piping Floor(EL47.22m 21.4 27-Mar-23* 21.4				
13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Piping Floor(EL47.22m 21.4 27-Mar-23* 21.4				1 7
13-Mar-23 22-Mar-23, PFab 1-Line 2 - Delivery PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel SI PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Mechanical Installation - PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation - PFab 1-Line 3 - Piping Floor(EL47.22m 21.4 27-Mar-23* 21.4				
PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fet PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation 27 Mar-23, PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFa 27-Mar-23* 21-A 28-Mar-23* 21-A	Feb-23*	12-Ma	ar-23, PFab 1	-Line 2 - Load out & ready to s
PFab 1-Line 3 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel St PFab 1-Line 3 - Top Floor(EL47.22m~EL54.47m)) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fet PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation 27 Mar-23, PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFa 27-Mar-23* 21-A 28-Mar-23* 21-A	13-Mar	-23	22-Mar-	23, PFab 1-Line 2 - Delivery
PFab 1-Line 3 - Top Floor (EL47.22m~ EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Ins 27 Mar-23, PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05				·
PFab 1-Line 3 - Top Floor (EL47.22m~ EL54.47m) Primary & Secondary Steel PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Fel PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Ins 27 Mar-23, PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05	PEab 1 Line 2 Ath Floor	EL 27 70m	=1 47 00m) D	rimory & Cocondony Stool Stru
PFab 1-Line 3 - Tertiary Structure Erection, 26-Feb-23, 26-Feb PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation PFab 1-Line 3 - Mechanical Installation 27: Mar-23, PFab 1-Line 3 - Mechanical Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping F PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05				·
PF ab 1-Line 3 - Mechanical Ins PF ab 1-Line 3 - Mechanical Ins 27 Mar-23, PF ab 1-Line 3 - Mechanical Installation PF ab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PF ab 1-Line 3 - Piping F PF ab PF ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PF ab 1-Line 3 - Piping F PF ab 1-Line 3 - Pip				
PF ab 1-Line 3 - Mechanical Ins PF ab 1-Line 3 - Mechanical Ins 27 Mar-23, PF ab 1-Line 3 - Mechanical Installation PF ab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PF ab 1-Line 3 - Piping F PF ab PF ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PF ab 1-Line 3 - Piping F PF ab 1-Line 3 - Pip				
PFab 1-Line 3 - Mechanical Ins 27/Mar-23, PFab 1-Line 3 - Me PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fabrication PFa PFa 27-Mar-23* 21-A 28-Mar-23* 21-A				4
27 Mar-23, PFab 1-Line 3 - Me PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fab PFa PFa 27-Mar-23* 21-A 28-Mar-23* 21-A				
PFab 1-Line 3 - Mechanical Installation - Boiler Lifting & Installation ab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line 3 - Piping Fabrication, 05-Feb-23, 05-Feb-23, PFab 1-Line PFa PFab 1-Line PFa 27-Mar-23* 21-A 28-Mar-23* 21-A				·
PFa PFab 1-Lin PFa 27-Mar-23* 21-A 28-Mar-23* 21-A	PFab 1-Line	e 3 - Mechani	cal Installatio	on - Boiler Lifting & Installation
PFa PFab 1-Lin PFa 27-Mar-23* 21-A 28-Mar-23* 21-A				
PFab 1-Lin PFa 27-Mar-23* 21-A 28-Mar-23* 21-A	ab 1-Line 3 - Piping Fabric	ation, 05-Feb	0-23, 05-⊢eb-	23, PFab 1-Line 3 - Piping Fac
27-Mar-23* 21-A 28-Mar-23* 21-A				PFab
PFa 27-Mar-23* 21-A 28-Mar-23* 21-A				
27-Mar-23* 21-A 28-Mar-23* 21-A				
28-Mar-23* 21-A				PFaD
		27-Ma	ır-23* 💻	21-Ap
22-Apr-23*		28-M	ar-23* 💻	21-Ap
22-Apr-23*				
22-Apr-23*				
				22-Apr-23*
				1 -

	Activity Name	Original Duration	Duration	Activity % Current Start Complete	Current Finish	Late Start		Total Float M62 Remarks	Jan
- 00 TPUL 4 4450	DErich & Line A. Testing Observation				00 E-1 00	00.1 00	00 E-h 00		62
06-TPU-4-1150 Mechanical Erection	PFab 1-Line 4 - Tertiary Structure Erection	90 413	29 70	· ·			06-Feb-23 25-Jan-23	-22 -75	
06-TPU-4-1040	PFab 1-Line 4 - Mechanical Installation - 1st Floor (Below EL20.47m) (Including Combustion		47		· ·	-	25-Jan-23	-52	
06-TPU-4-1050	PFab 1-Line 4 - Mechanical Installation - 2nd Floor(EL20.47m~EL26.72m) (Including Deaera	,	68	15% 21-Feb-22 A			25-Jan-23	-73	
06-TPU-4-1060	PFab 1-Line 4 - Mechanical Installation - 3rd Floor(EL26.72m~EL37.72m) (Including Boiler)	Ash Tran 80	60	25% 06-May-22	08-Apr-23	27-Nov-22	25-Jan-23	-73	
06-TPU-4-1070	PFab 1-Line 4 - Mechanical Installation - 4th Floor(EL37.72m~EL47.22m) (Including Air Duc	s) 70	70	0% 31-Jan-23	10-Apr-23	17-Nov-22	25-Jan-23	-75	31-Jan-23
06-TPU-4-1240	PFab 1-Line 4 - Mechanical Installation - Boiler Lifting & Installation	108	30	72.22% 05-Jul-22 A	01-Mar-23	09-Dec-22	07-Jan-23	-53	
Piping Fabrication		180	36	09-Mar-21 A			16-Dec-22	-81	
06-TPU-4-1220	PFab 1-Line 4 - Piping Fabrication	180	36			11-Nov-22		-81	
Piping Installation 06-TPU-4-1000	PFab 1-Line 4 - Piping Installation	62 62	13 13			25-Jan-23	06-Feb-23 06-Feb-23	-81 -81	
E&I Installation		52	52		28-Apr-23	17-Dec-22		-81	
06-TPU-4-1250	PFab 1-Line 4 - E&I Support Installation	45	45		21-Apr-23	17-Dec-22		-81	
06-TPU-4-1260	PFab 1-Line 4 - E&I Cable Ladder Erection	45	45	0% 15-Mar-23	28-Apr-23	24-Dec-22	06-Feb-23	-81	
Electrical		26	26	03-Apr-23	28-Apr-23	12-Jan-23	06-Feb-23	-81	
06-TPU-4-1290	PFab 1-Line 4 - Electrical Heat Tracing Installation (Installation by Yard)	26	26	0% 03-Apr-23*	28-Apr-23		06-Feb-23	-81	
06-TPU-4-1330	PFab 1-Line 4 - MCC room installation (Installation by Yard)	25	25	0% 04-Apr-23*	28-Apr-23		06-Feb-23	-81	
Insulation 06-TPU-4-1010	PFab 1-Line 4 - Insulation	150 150	304 304	25-May-22	30-Nov-23	31-Jan-23 31-Jan-23		0	
Load out & Shipping		20	304 20	0% 25-May-22 29-Apr-23	30-Nov-23* 18-May-23	07-Feb-23		-81	
06-TPU-4-1030	PFab 1-Line 4 - Load Out & ready to ship	20	20		18-May-23		26-Feb-23	-81	
PFab 1- Line 5		707	369	· · ·	-	12-Nov-22		0	
Structure Erection		390	128			12-Nov-22		-61	
06-TPU-5-1110	PFab 1-Line 5 - 2nd Floor(EL20.47m~EL26.72m) Primary & Secondary Steel Structure Erec		29				10-Dec-22	-80	
06-TPU-5-1120	PFab 1-Line 5 - 3rd Floor(EL26.72m~EL37.72m)Primary & Secondary Steel Structure Erect		86	0% 02-Dec-22 A			05-Feb-23	-80	
06-TPU-5-1130	PFab 1-Line 5 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel Structure Erect		60	0% 16-Dec-22 A			10-Mar-23	-80	
06-TPU-5-1150	PFab 1-Line 5 - Tertiary Structure Erection	90 476	69	23.33% 14-Jan-22 A 02-Mar-22 A		29-Jan-23	· · ·	-61 -78	
Mechanical Erection 06-TPU-5-1040	PFab 1-Line 5 - Mechanical Installation - 1st Floor (Below EL20.47m) (Including Combustion		139 88	0% 02-Mar-22 A		05-Dec-22 05-Dec-22	· · ·	-78 -57	
06-TPU-5-1050	PFab 1-Line 5 - Mechanical Installation - 2nd Floor(EL20.47m~EL26.72m) (Including Deaera		80	0% 01-Mar-23*	19-May-23		02-Mar-23	-78	
06-TPU-5-1060	PFab 1-Line 5 - Mechanical Installation - 3rd Floor(EL26.72m~EL37.72m) (Including Boiler J	,	80	0% 31-Mar-23	18-Jun-23		01-Apr-23	-78	
06-TPU-5-1070	PFab 1-Line 5 - Mechanical Installation - 4th Floor(EL37.72m~EL47.22m) (Including Air Duc		80	0% 31-Mar-23	18-Jun-23		01-Apr-23	-78	
06-TPU-5-1240	PFab 1-Line 5 - Mechanical Installation - Boiler Lifting & Installation	80	80	0% 24-Mar-23*	12-Jun-23	03-Jan-23	23-Mar-23	-80	
Piping Fabrication		180	14	23-Mar-21 A	13-Feb-23	22-Nov-22	05-Dec-22	-70	
06-TPU-5-1220	PFab 1-Line 5 - Piping Fabrication	180	14				05-Dec-22	-70	
Piping Installation	DEak 1 Line 5 Diving Installation	121	121	26-Feb-23	26-Jun-23	08-Dec-22		-80 -80	
06-TPU-5-1000	PFab 1-Line 5 - Piping Installation	121	121 369	0% 26-Feb-23 04-Jun-22 A	26-Jun-23	08-Dec-22 31-Jan-23	· ·	-80	
06-TPU-5-1010	PFab 1-Line 5 - Insulation	150	369	0% 04-Jun-22 A		31-Jan-23		0	
PFab 1- Line 6		686	342	23-Mar-21 A	07-Jan-24	10-Dec-22	07-Jan-24	0	
Structure Erection		360	84			10-Dec-22		-10	
06-TPU-6-1110	PFab 1-Line 6 - 2nd Floor(EL20.47m~EL26.72m) Primary & Secondary Steel Structure Erect		28			10-Dec-22		-52	
06-TPU-6-1120	PFab 1-Line 6 - 3rd Floor(EL26.72m~EL37.72m)Primary & Secondary Steel Structure Erect		23			25-Dec-22		-52	
06-TPU-6-1130	PFab 1-Line 6 - 4th Floor(EL37.72m~EL47.22m) Primary & Secondary Steel Structure Erect		15	· ·			01-Feb-23	-52	
06-TPU-6-1140 06-TPU-6-1150	PFab 1-Line 6 - Top Floor(EL47.22m~ EL54.47m) Prim ary & Secondary Steel Structure Erec PFab 1-Line 6 - Tertiary Structure Erection	144 ton	30 59		· ·	15-Feb-23	03-Mar-23	-52 15	
Mechanical Erection		407	59 84	· ·		15-Feb-23 17-Dec-22	· · ·	-52	
06-TPU-6-1160	PFab 1-Line 6 - Mechanical Installation - 1st Floor (Below EL20.47m) (Including Combustion		59			17-Dec-22		-45	
06-TPU-6-1170	PFab 1-Line 6 - Mechanical Installation - 2nd Floor(EL20.47m~EL26.72m) (Including Deaera	,	60				14-Feb-23	-45	
06-TPU-6-1180	PFab 1-Line 6 - Mechanical Installation - 3rd Floor(EL26.72m~EL37.72m) (Including Boiler	Ash Tran 80	70	12.5% 19-Aug-22 A	10-Apr-23	17-Dec-22	24-Feb-23	-45	
06-TPU-6-1190	PFab 1-Line 6 - Mechanical Installation - 4th Floor(EL37.72m~EL47.22m) (Including Air Duc	s) 64	64	0% 06-Feb-23*	10-Apr-23	23-Dec-22	24-Feb-23	-45	06-F
06-TPU-6-1240	PFab 1-Line 6 - Mechanical Installation - Boiler Lifting & Installation	80	5				03-Mar-23	-52	
Piping Fabrication	DEak 1 Line C. Diving Enhylacting	180	36				14-Jan-23	-52	
06-TPU-6-1220	PFab 1-Line 6 - Piping Fabrication	180	36				14-Jan-23	-52	
Piping Installation 06-TPU-6-1000	PFab 1-Line 6 - Piping Installation	90	90 90			15-Jan-23 15-Jan-23		-52 -52	
E&I Installation	······································	52	52		05-Jun-23	22-Feb-23	· ·	-52	
06-TPU-6-1250	PFab 1-Line 6 - E&I Support Installation	45	45	•			07-Apr-23	-52	
06-TPU-6-1260	PFab 1-Line 6 - E&I Cable Ladder Erection	45	45	0% 22-Apr-23	05-Jun-23	01-Mar-23	14-Apr-23	-52	
Insulation		150	342	08-Jul-22 A		31-Jan-23		0	
06-TPU-6-1010	PFab 1-Line 6 - Insulation	150	342			31-Jan-23		0	
abrication of Module PFab 2 - Line 1		783	309			22-Nov-22		0	
PFab 2 - Line 1 Structure Erection		638 80	203 10		09-Feb-23	22-Nov-22 29-Jan-23		0 -2	
	PFab 2-Line 1 - Tertiary Structure Erection	80	10				07-Feb-23	-2	
06-FGC-1-1060	riab 2-Line i - letitary Structure Lifection	00							
06-FGC-1-1060 Mechanical Erection		256	43	· · ·		22-Nov-22	03-Jan-23	-70	

3-Month Rolling Programme (January 2023)

Page 10 of 18

Remaining Work Actual Work

Actual Milestone

♦ ♦ Critical Milestone

Critical Remaining Work

♦ Milestone

 \diamond

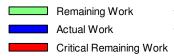
Facilities,	SP/66/12 Phase 1		表現1來讀者 invironmental Protection Departm
Feb 63	6	^{lar} ³⁴ - Tertiary Struc	Apr 65 Sture Erection, 28-Feb-23, 28-
		PFab 1-Li	ne 4 - Mechanical Installation PFab 1-Line 4 - N PFab 1-Line 4 - N
			10-Apr-23, PFa Installation - Boiler Lifting & I
	PFab 1	-Line 4 - Pipin	g Fabrication, 07-Mar-23, 07-1
08-N	lar-23* 15-Mar-23		21-
		03-Apr-2 04-Apr-	
			29-Apr-23*
	PFab 1-Line 5	- 2nd Floor(EL	
01-Mar-23*			
		31-Mar-23 31-Mar-23	
	24-M	ar-23*	
PFab 1-Line			3, 13-Feb-23, PFab 1-Line 5 -
PFab 1-Line 26-Feb-23			3, 13-Feb-23, PFab 1-Line 5 -
PFab 1-Line 26-Feb-23	5 - Piping Fabrica	ation, 13-Feb-2	3, 13-Feb-23, PFab 1-Line 5 -
PFab 1-Line	5 - Piping Fabrica 9 - Piping Fabrica 9 - PFab 1-Line 6 - 9 - PFab	ation, 13-Feb-2 2nd Floor(EL2 o 1-Line 6 - 3rd PF-Mar-23	20,47m ~EL26,72m) Primary 8 Floor(EL26,72m ~EL37,72m Faþ 1-Line 6 - 4th Floor(EL37.
PFab 1-Line	5 - Piping Fabrica 9 - Piping Fa	ation, 13-Feb-2 2nd Floor(EL2 o 1-Line 6 - 3rd PF-Mar-23	20,47m ~ EL26.72m) Primary 8 Floor(EL26.72m ~ EL37.72m aþ 1-Line 6 - 4th Floor(EL37.
	5 - Piping Fabrica 9 - Piping Fa	ation, 13-Feb-2 2nd Floor(EL2 o 1-Line 6 - 3rd PF-Mar-23	20 47m ~EL26.72m) Primary & Floor(EL26.72m ~EL37.72m Fap 1-Line 6 - 4th Floor(EL37 30-Mar-23, PFab 1-Line 6 -
	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 5 1-Line 6 - 3rd PF Mar-23	20.47m ~EL26.72m) Primary 8 Floor(EL26.72m ~EL37.72m a) 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica
	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 5 1-Line 6 - 3rd PF Mar-23	20.47m-~EL26.72m) Primary 8 Floor(EL26.72m - EL37.72m Fab 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica
	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 5 1-Line 6 - 3rd PF Mar-23	20.47m-~EL26.72m) Primary 8 Floor(EL26.72m - EL37.72m Fab 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica
	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 5 1-Line 6 - 3rd PF Mar-23	20,47m -EL26.72m) Primary 8 Floor(EL26.72m -EL37.72m ap 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 - PFab 1-Line 6 - Mechanic PFab 1-Line 6 - Mechanic PFab 1-Line 6 - Mechanic g Fabrication, 07-Mar-23, 07-1 15-Apr-23*
08-M	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 5 1-Line 6 - 3rd PF Mar-23 -Line 6 - Pipin	20,47mEL26.72m) Primary 8 Floor(EL26.72m -EL37.72m ab 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 PFab 1-Line 6 - Mechanics PFab 1-Line 6 - Mechanics PFab 1-Line 6 - Mechanics 10-Apr-23, PFab 10-Apr-23, 07-1 15-Apr-23 22-Apr-23
08-M	5 - Piping Fabrica	ation, 13-Feb-2 2nd Floor(EL2 1-Line 6 - 3rd PP -Mar-23	20.47m-*EL26.72m) Primary 8 Floor(EL26.72m - EL37.72m Fab 1-Line 6 - 4th Floor(EL37. 30-Mar-23, PFab 1-Line 6 PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica PFab 1-Line 6 - Mechanica g Fabrication, 07-Mar-23, 07-1 15-Apr-23 22-Apr-23

	Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start Late Finish	Total Float M62 Remarks	Jan
06-FGC-1-1090	PFab 2-Line 1 - 3rd Floor (EL23.47~ EL34.47m) (Including Ash and residue to solidification)	60	18	70% 06-May-22	14-Mar-23	17-Dec-22 03-Jan-23	-70	62
06-FGC-1-1100	PFab 2-Line 1 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	50	30	40% 03-Jun-22	14-Mar-23	05-Dec-22 03-Jan-23	-70	
Piping Fabrication		180	13	29-May-21	12-Feb-23	22-Nov-22 04-Dec-22	-70	
06-FGC-1-1210	PFab 2-Line 1 - Piping Fabrication	180	13	92.78% 29-May-21		22-Nov-22 04-Dec-22	-70	
Piping Installation		150	48		A 19-Mar-23	22-Nov-22 08-Jan-23	-70	
06-FGC-1-1120	PFab 2-Line 1 - Piping Installation	150	48 48	68% 05-Aug-22	A 19-Mar-23 A 19-Mar-23	22-Nov-22 08-Jan-23 22-Nov-22 08-Jan-23	-70	
E&I Installation 06-FGC-1-1230	PFab 2-Line 1 - E&I Support Installation	79 45	40	0% 02-Dec-22		22-Nov-22 08-Jan-23	-70	
06-FGC-1-1240	PFab 2-Line 1 - E&I Cable Ladder Erection	45	48	0% 02-Dec-22		22-Nov-22 08-Jan-23	-70	
Electrical		79	48	16-Dec-22	A 19-Mar-23	22-Nov-22 08-Jan-23	-70	
06-FGC-1-1270	PFab 2-Line 1 - Electrical Heat Tracing Installation (Installation by Yard)	26	48	0% 16-Dec-22	A 19-Mar-23	22-Nov-22 08-Jan-23	-70	
06-FGC-1-1310	PFab 2-Line 1 - MCC room installation (Installation by Yard)	32	32	0% 16-Feb-23*	19-Mar-23	08-Dec-22 08-Jan-23	-70	
Insulation		150	203	25-May-22	-		0	
06-FGC-1-1130	PFab 2-Line 1 - Insulation	150	203	0% 25-May-22	-		0	
Load out & Shipping 06-FGC-1-1200	PFab 2-Line 1 - Load Out & ready to ship	20 20	20 20	20-Mar-23 0% 20-Mar-23*	08-Apr-23 08-Apr-23	09-Jan-23 28-Jan-23 09-Jan-23 28-Jan-23	-70 -70	
Delivery	Frab 2-Line T - Load Out & Teady to Ship	10	10	0% 20-Mar-23	18-Apr-23	29-Jan-23 07-Feb-23	-70	
06-FGC-1-1320	PFab 2-Line 1 - Delivery	10	10	0% 09-Apr-23	18-Apr-23	29-Jan-23 07-Feb-23	-70	
PFab 2 - Line 2		783	203		21-Aug-23		0	
Structure Erection		90	15		A 14-Feb-23	11-Jan-23 26-Jan-23	-20	
06-FGC-2-1110	PFab 2-Line 2 - Tertiary Structure Erection	90	15			11-Jan-23 26-Jan-23	-20	
Mechanical Erection	PFab 2-Line 2 - 1st Floor (Below EL12.47m) (Including Silencer ID fan)	272	33		04-Mar-23	29-Nov-22 01-Jan-23	-63 -63	
06-FGC-2-1120 06-FGC-2-1130	PFab 2-Line 2 - 1st Floor (Below EL12.4/m) (Including Silencer ID fan) PFab 2-Line 2 - 2nd Floor (EL12.47~ EL23.47m) (Including Dosing system bicar)	60 60	33 33	45% 02-Jan-22 4 45% 25-Feb-22		29-Nov-22 01-Jan-23 29-Nov-22 01-Jan-23	-63	
06-FGC-2-1130	PFab 2-Line 2 - 3rd Floor (EL2.47~ EL2.47m) (including Dosing System Dicar) PFab 2-Line 2 - 3rd Floor (EL2.47~ EL34.47m) (Including Ash and residue to solidification)	60	33	45% 25-Feb-227		29-Nov-22 01-Jan-23	-63	
06-FGC-2-1150	PFab 2-Line 2 - 4th Floor (EL34.47~ EL44.22m) (Including Visit and established to solitation and in PFab 2-Line 2 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	50	33	34% 03-Jun-22		29-Nov-22 01-Jan-23	-63	
Piping Fabrication		180	32		03-Mar-23	30-Nov-22 01-Jan-23	-62	
06-FGC-2-1210	PFab 2-Line 2 - Piping Fabrication	180	32	82.22% 03-Jun-21 A		30-Nov-22 01-Jan-23	-62	
Piping Installation		150	47	12-Aug-22	A 19-Mar-23	30-Nov-22 16-Jan-23	-63	
06-FGC-2-1000	PFab 2-Line 2 - Piping Installation	150	47	68.65% 12-Aug-22	A 19-Mar-23	30-Nov-22 16-Jan-23	-63	
E&I Installation		79	48		A 19-Mar-23	29-Nov-22 16-Jan-23	-63	
06-FGC-2-1230	PFab 2-Line 2 - E&I Support Installation	45	48	0% 02-Dec-22		29-Nov-22 16-Jan-23	-63	
06-FGC-2-1240	PFab 2-Line 2 - E&I Cable Ladder Erection	45	48 46	0% 02-Dec-22 02-Feb-23	A 19-Mar-23 19-Mar-23	29-Nov-22 16-Jan-23 01-Dec-22 16-Jan-23	-63 -63	
Electrical 06-FGC-2-1270	PFab 2-Line 2 - Electrical Heat Tracing Installation (Installation by Yard)	46	46	0% 02-Feb-23*		01-Dec-22 16-Jan-23	-63	02-Feb-2
06-FGC-2-1310	PFab 2-Line 2 - MCC room installation (Installation by Yard)	45	45	0% 03-Feb-23*		02-Dec-22 16-Jan-23	-63	03-Feb-
Insulation		203	203	31-Jan-23	21-Aug-23		0	
06-FGC-2-1010	PFab 2-Line 2 - Insulation	203	203	0% 31-Jan-23	21-Aug-23*		0	31-Jan-23
Load out & Shipping	,]	20	20	20-Mar-23	08-Apr-23	16-Jan-23 05-Feb-23	-63	
06-FGC-2-1030	PFab 2-Line 2 - Load Out & ready to ship	20	20	0% 20-Mar-23*	08-Apr-23	16-Jan-23 05-Feb-23	-63	
Delivery		10	10	09-Apr-23	18-Apr-23	05-Feb-23 14-Feb-23	-63	
06-FGC-2-1320	PFab 2-Line 2 - Delivery	10	10	0% 09-Apr-23	18-Apr-23	05-Feb-23 14-Feb-23	-63	
PFab 2 - Line 3 Structure Erection		60	103	03-Jun-217 01-Sep-22	13-May-23	04-Dec-22 16-Mar-23 01-Mar-23 16-Mar-23	-58	
06-FGC-3-1100	PFab 2-Line 3 - Tertiary Structure Erection	60	16				29	
Mechanical Erection		303	67	02-Jan-22	07-Apr-23	04-Dec-22 08-Feb-23	-58	
06-FGC-3-1000	PFab 2-Line 3 - 1st Floor (Below EL12.47m) (Including Silencer ID fan)	60	67	0% 02-Jan-22	07-Apr-23	04-Dec-22 08-Feb-23	-58	
06-FGC-3-1010	PFab 2-Line 3 - 2nd Floor (EL12.47~ EL23.47m) (Including Dosing system bicar)	60	43	28.33% 10-Mar-22	A 07-Apr-23	28-Dec-22 08-Feb-23	-58	
06-FGC-3-1020	PFab 2-Line 3 - 3rd Floor (EL23.47~ EL34.47m) (Including Ash and residue to solidification)	60	43	28.33% 01-Sep-22	A 07-Apr-23	28-Dec-22 08-Feb-23	-58	
06-FGC-3-1030	PFab 2-Line 3 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	50	43	14% 10-Sep-22	· ·	28-Dec-22 08-Feb-23	-58	
Piping Fabrication	PEab 2 Line 2 Diving Entrication	180	73		13-Apr-23	04-Dec-22 14-Feb-23	-58	
06-FGC-3-1210	PFab 2-Line 3 - Piping Fabrication	180 77	73 103	59.44% 03-Jun-21 A	A 13-Apr-23 A 13-May-23		-58 -58	
Piping Installation 06-FGC-3-1150	PFab 2-Line 3 - Piping Installation	77	103	0% 02-Dec-22			-58	
E&I Installation		52	52	23-Mar-23			-58	
06-FGC-3-1230	PFab 2-Line 3 - E&I Support Installation	45	45	0% 23-Mar-23*			-58	
06-FGC-3-1240	PFab 2-Line 3 - E&I Cable Ladder Erection	45	45	0% 30-Mar-23	13-May-23	31-Jan-23 16-Mar-23	-58	
Electrical		26	26	18-Apr-23	13-May-23		-58	
06-FGC-3-1270	PFab 2-Line 3 - Electrical Heat Tracing Installation (Installation by Yard)	26	26	0% 18-Apr-23*			-58	
06-FGC-3-1310	PFab 2-Line 3 - MCC room installation (Installation by Yard)	25	25	0% 19-Apr-23*	-		-58	
Fab 2 - Line 4 Structure Erection		683 250	258 43		15-Oct-23	11-Dec-22 15-Oct-23 11-Jan-23 23-Mar-23	0 9	
06-FGC-4-1120	PFab 2-Line 4 - 4th Floor (EL34.47~ EL44.22m) Primary & Secondary Steel Structure Erection	60	20	66.67% 12-Mar-22			-20	
06-FGC-4-1130	PFab 2-Line 4 - Top Floor Primary & Secondary Steel Structure Erection	60	38	36.67% 08-Sep-22			9	
	PFab 2-Line 4 - Tertiary Structure Erection	90	27	70% 14-Sep-22			9	
06-FGC-4-1140		263	61	· ·	A 01-Apr-23	11-Dec-22 09-Feb-23	-51	
		60	61	0% 24-Dec-21	A 01-Apr-23	11-Dec-22 09-Feb-23	-51	
Mechanical Erection	PFab 2-Line 4 - 1st Floor (Below EL12.47m) (Including Silencer ID fan)							
06-FGC-4-1140 Mechanical Erection 06-FGC-4-1040 06-FGC-4-1050 06-FGC-4-1060	PFab 2-Line 4 - 1st Floor (Below EL12.47m) (Including Silencer ID fan) PFab 2-Line 4 - 2nd Floor (EL12.47~ EL23.47m) (Including Dosing system bicar)	60 60	36	40% 04-Feb-22	A 01-Apr-23	05-Jan-23 09-Feb-23	-51	

Actual Work Critical Remaining Work

ct No. EP/SP/66/12 Facilities, Phase 1	環境保護署 Environmental Protaction Department
Feb Mar	Apr
	Fab 2-Line 1 - 3rd Floor (EL23.47~ EL34.47m Fab 2-Line 1 - 4th Floor (EL34.47~ EL44.22m
PFab 2-Line 1 - Piping Fabricatio	n, 12-Feb-23, 12-Feb-23, PFab 2-Line 1 - Pipi
	 PFab 2-Line 1 - Piping Installation, 19-Mar PFab 2-Line 1 - E&I Support Installation, 18
	PFab 2-Line 1 - E&I Cable Ladder Erectio
-23*	PFab 2-Line 1 - Electrical Heat Tracing Inc 19-Mar-23, PFab 2-Line 1 - MCC room ins
20-Mar-23*	08-Apr-23, PFab 2-L
DEab 2 Line 2. Tartiary Structu	09-Apr-23 18-Apr-23
PFab 2-Line	2 - 1st Floor (Below EL12.47m) (Including Si
PFab 2-Line	2 2 - 2nd Floor (EL12.47~ EL23.47m) (Includin 2 2 - 3rd Floor (EL23.47~ EL34.47m) (Includin 2 2 - 4th Floor (EL34.47~ EL44.22m) (Including
PFab 2-Line 2	2 - Piping Fabrication, 03-Mar-23, 03-Mar-23, PFab 2-Line 2 - Piping Installation, 19-Mar
	PFab 2-Line 2 - E&I Support Installation, 1 PFab 2-Line 2 - E&I Support Installation, 1 PFab 2-Line 2 - E&I Cable Ladder Erectio
	19-Mar-23, PFab 2-Line 2 - Electrical Hea 19-Mar-23, PFab 2-Line 2 - MCC room ins
20-Mar-23*	08-Apr-23, PFab 2-L
	09-Apr-23 18-Apr-23
15-Feb-23, PFab 2-Line 3 - Tei	rtiary Structure: Erection, PFab 2-Line 3 - Tertia
	PFab 2-Line 3 - 2nd F PFab 2-Line 3 - 3rd Fl PFab 2-Line 3 - 3rd Fl PFab 2-Line 3 - 4th Fl
	PFab 2-Line 3 -
23-Mar-2	
	30-Mar-23
	19-Apr-23*
09-Mar	(EL34.47~ EL44.22m) Primary & Secondary S r-23, PFab 2-Line 4 - Top Floor Prim ary & Sec 4-Mar-23, PFab 2-Line 4 - Tertiary Structure E
	PFab 2-Line 4 - 1st Floor (B PFab 2-Line 4 - 2nd Floor (E PFab 2-Line 4 - 3rd Floor (E

KEPPEL SEGRERS - ZHEN HUA FOINT VENT Activity Na		Original	Remainino	Activity % Current Start	Current Finish	Late Start	Late Finish	Total Float M62 Remarks	megraied	Waste Manag	jer
	-	Duration	Duration	Complete					F	Jan 62	+
06-FGC-4-1070 PFab 2	Line 4 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	60	36	40% 06-May-22	01-Apr-23	05-Jan-23	09-Feb-23	-51			
Piping Fabrication		180	71	09-Jun-21 A		05-Jan-23		-26			
	Line 4 - Piping Fabrication	180	71		· ·	05-Jan-23		-26			
Piping Installation 06-FGC-4-1000 PFab 2	Line 4 - Piping Installation	57	57 57	18-Mar-23 0% 18-Mar-23*	13-May-23 13-May-23	26-Jan-23 26-Jan-23	23-Mar-23 23-Mar-23	-51 -51			
E&I Fabrication		180	50		21-Mar-23	31-Jan-23		0			
	Line 4 - E&I Fabrication	180	50	· · ·		31-Jan-23		0			
E&I Installation		52	52	23-Mar-23	13-May-23	31-Jan-23	23-Mar-23	-51			
06-FGC-4-1230 PFab 2	Line 4 - E&I Support Installation	45	45	0% 23-Mar-23*	06-May-23	31-Jan-23	16-Mar-23	-51			
06-FGC-4-1240 PFab 2	Line 4 - E&I Cable Ladder Erection	45	45	0% 30-Mar-23	13-May-23	07-Feb-23	23-Mar-23	-51			
Electrical		26	26	18-Apr-23	13-May-23	26-Feb-23		-51			
	Line 4 - Electrical Heat Tracing Installation (Installation by Yard)	26	26	0% 18-Apr-23*	13-May-23	26-Feb-23		-51			
	Line 4 - MCC room installation (Installation by Yard)	25	25	0% 19-Apr-23*	13-May-23	27-Feb-23		-51			
Insulation	Line 4 - Insulation	150 150	258 258	25-May-22	15-Oct-23	31-Jan-23		0			
06-FGC-4-1010 PFab 2 PFab 2 - Line 5	Line 4 - Irisulation	743	258	0% 25-May-22	15-Oct-23* 05-Dec-23	31-Jan-23 11-Dec-22		0	·····		
Structure Erection		299	75			22-Jan-23		37			
	Line 5 - 3rd Floor(EL23.47~ EL34.47m) Primary & Secondary Steel Structure Erection	60	5			22-Jan-23		-9			
	Line 5 - 4th Floor (EL34.47~ EL44.22m) Primary & Secondary Steel Structure Erection	60	15	75% 20-May-22	14-Feb-23	22-Jan-23	05-Feb-23	-9			Ē
	Line 5 - Top Floor Primary & Secondary Steel Structure Erection	60	60	0% 15-Feb-23	15-Apr-23	22-Feb-23		7			
	Line 5 - Tertiary Structure Erection	90	18	80% 12-Sep-22 A		05-May-23	· · ·	94			
Mechanical Erection		353	133	21-Jan-22 A		11-Dec-22	-	-51			
	Line 5 - 1st Floor (Below EL12.47m) (Including Silencer ID fan)	60	133	0% 21-Jan-22 A		11-Dec-22		-51			<u> </u>
9 06-FGC-5-1010 PFab 2	Line 5 - 2nd Floor (EL12.47~ EL23.47m) (Including Dosing system bicar)	60	84	0% 24-Jun-22 A	12-Jun-23	29-Jan-23	22-Apr-23	-51			
9 06-FGC-5-1020 PFab 2	Line 5 - 3rd Floor (EL23.47~ EL34.47m) (Including Ash and residue to solidification)	60	86	0% 19-Sep-22 A	12-Jun-23	27-Jan-23	22-Apr-23	-51			
9 06-FGC-5-1030 PFab 2	Line 5 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	50	76	0% 07-Oct-22 A	12-Jun-23	06-Feb-23	22-Apr-23	-51			
Piping Fabrication		180	106	18-Jun-21 A	16-May-23	22-Jan-23	07-May-23	-9			
06-FGC-5-1170 PFab 2	Line 5 - Piping Fabrication	180	106	41.11% 18-Jun-21 A	16-May-23	22-Jan-23	07-May-23	-9			
Piping Installation		121	121	14-Mar-23	12-Jul-23	22-Jan-23	22-May-23	-51			
06-FGC-5-1190 PFab 2	Line 5 - Piping Installation	121	121	0% 14-Mar-23*	12-Jul-23	22-Jan-23	22-May-23	-51			
E&I Fabrication		180	134	14-Apr-22 A		01-Apr-23	-	60			
	Line 5 - E&I Fabrication	180	134			01-Apr-23		60			
Insulation	line E. Jacobeller	150	309		05-Dec-23	31-Jan-23		0			
	Line 5 - Insulation	150	309	0% 30-Jun-22 A		31-Jan-23		0	<mark></mark>		
PFab 2 - Line 6 Structure Erection		620 267	163 85			18-Dec-22 15-Jan-23		-16	·····		
	Line 6 - 4th Floor (EL34.47~ EL44.22m) Primary & Secondary Steel Structure Erection	60	20	,	19-Feb-23	15-Jan-23		-16			
	Line 6 - Top Floor Primary & Secondary Steel Structure Erection	60	60	0% 20-Feb-23	20-Apr-23	04-Feb-23		-16			
	Line 6 - Tertiary Structure Erection	59	17		· ·	24-Mar-23		-16			
Mechanical Erection		451	123	21-Jan-22 A	· ·		19-Apr-23	-44			
06-FGC-6-1170 PFab 2	Line 6 - 1st Floor (Below EL12.47m) (Including Silencer ID fan)	60	123	0% 21-Jan-22 A	02-Jun-23	18-Dec-22	19-Apr-23	-44			
06-FGC-6-1180 PFab 2	Line 6 - 2nd Floor (EL12.47~ EL23.47m) (Including Dosing system bicar)	60	81	0% 24-Jun-22 A	02-Jun-23	29-Jan-23	19-Apr-23	-44			
06-FGC-6-1190 PFab 2	Line 6 - 3rd Floor (EL23.47~ EL34.47m) (Including Ash and residue to solidification)	60	81	0% 08-Sep-22 A	02-Jun-23	29-Jan-23	19-Apr-23	-44			
06-FGC-6-1200 PFab 2	Line 6 - 4th Floor (EL34.47~ EL44.22m) (Including Urea to ammonia convertor)	60	60	0% 04-Apr-23	02-Jun-23	19-Feb-23	19-Apr-23	-44			
Piping Fabrication		180	60	30-Sep-21 A	31-Mar-23	29-Jan-23	29-Mar-23	-2			
06-FGC-6-1220 PFab 2	Line 6 - Piping Fabrication	180	60	66.67% 30-Sep-21 A	31-Mar-23	29-Jan-23	29-Mar-23	-2			
Piping Installation		121	121	14-Mar-23	12-Jul-23	29-Jan-23	29-May-23	-44			
06-FGC-6-1000 PFab 2	Line 6 - Piping Installation	121	121	0% 14-Mar-23*	12-Jul-23	29-Jan-23	29-May-23	-44			
E&I Fabrication		150	150	31-Jan-23	29-Jun-23	25-Mar-23		53			
	Line 6 - E&I Fabrication	150	150		29-Jun-23	25-Mar-23		53		31-Jan-23	;
Fabrication of Mega Steel Stru	ture	353	153			05-Dec-22		-56			
Material Procurement 16-8500-2 (6E) Materia	Procurment (BM3)	173 60	3 0			05-Dec-22	28-Dec-22 28-Dec-22	-36 -33			
. ,	Procurment (FM2)	60	0					-56	<mark></mark>		
. ,	Procurment (FM3)	45	3	,		05-Dec-22 06-Dec-22		-56			
Material Testing		171	63	-		09-Dec-22		-56			
- °,	Testing (FM2)	60	6				31-Dec-22	-36	·····		
	Testing (FM3)	60	60	0% 03-Feb-23*		09-Dec-22		-56		03-Feb-2	23
. ,	Testing (BM3)	60	12		· ·	17-Dec-22		-45			
Fabrication of Steel Structure		153	153			28-Dec-22		-56	·····		
	ion of Steel Structure (BM3) & Delivery	80	80	0% 12-Feb-23		29-Dec-22	· · · ·	-45			
	ion of Steel Structure (FM1) & Delivery	70	18		-	28-Dec-22		-34			
	ion of Steel Structure (FM2) & Delivery	60	60	0% 06-Feb-23	06-Apr-23	01-Jan-23		-36		06-F	Fe
	ion of Steel Structure (FM3) & Delivery	90	90		02-Jul-23	07-Feb-23		-56			
and the second		521	130	26-Jul-21 A		14-Feb-23		15			
Off-site Fabrication of Turb											
Off-site Fabrication of Turb Procurement for Air Cool C	ondensers	573	108	23-Oct-21 A	18-May-23	03-May-23	29-Oct-23	164			1
		573 357	108 81	23-Oct-21 A 01-Mar-22 A		03-May-23 12-Aug-23		164			



Actual Milestone

♦ ♦ Critical Milestone

◇

♦ Milestone

ct No. EP/SP/66/12 Facilities, Phase 1	境保護署 vironmental Protection Department
Feb Mar	Apr
63 64	65 PFab 2-Line 4 - 4th Floor (E
	·`- } /
	PFab 2-Line 4 - P
19 Mar 20*	
18-Mar-23*	
PFab 2-I	ine 4 - E&I Fabrication, 21-Ma
	· · · · · · · · · · · · · · · · · · ·
30-Mar-23 📕	
	18-Apr-23*
	19-Apr-23*
b 2-Line 5 - 3rd Floor(EL23.47~ EL34.47m) Primary	& Secondary Steel Structure E
PFab 2-Line 5 - 4th Floor (EL34.47~ EL44.22r	,
	15-Apr-23, Pl
17-Feb-23, PFab 2-Line 5 - Tertiary Structu	re Erection, PF ab 2-Line 5 - lei
	,
	1
14-Mar-23*	
	4.22m) Primary & Secondary S
Feb-23	20-Apr-2
04 Apr 2	
04-Apr-2	J
	PFab 2-Line 6 - Piping Fabric
14-Mar-23*	
Procurment (BM3), 31-Jan-23, 31-Jan-23, Material F	
Procurment (FM2), 31-Jan-23, 31-Jan-23, Material P al Procurment (FM3), 02-Feb-23, 02-Feb-23, Materia	
ar Flocument (FMS), 02-Feb-23, 02-Feb-23, Materia	
terial Testing (FM2), 05-Feb-23, 05-Feb-23, Material	Testing (FM2)
	03-Apr-23, Material Testin
Material Testing (BM3), 11-Feb-23, 11-Feb-23, Ma	tterial Testing (BM3)
Fabrication of Steel Structure (FM1) & Del	very, 17-Feb-23, 17-Feb-23. Fa
	06-Apr-23 Fabrication
04-Apr-2	*
	1

	Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start	Late Finish	Total Float M62	Remarks	Jan	
Procurement for \	Nastewater Treatment Plant Equipment	192	119	23-Jun-22 A	29-May-23	30-Apr-23	26-Aug-23	89		62	
Procurement for I	Desal & Demin Plant Equipment	484	90	08-Jan-20 A	30-Apr-23	23-Jun-23	20-Sep-23	143			
06-1230-1(1)	Mechanical Equipment Material Submission and Approval	90	30	66.67% 08-Jan-22 A			22-Jul-23	143			
06-1230-2(1)	Pipe Material Submission and Approval	90	30	66.67% 08-Jan-20 A		23-Jun-23		143			
06-1230-3(1) 06-1240-1(1)	Electrical and Instrumentation Material Submission and Approval Mechanical Equipment Procurement (Incl. FAT)	90	30 30	66.67% 16-Apr-20 A 50% 01-Jun-22 A			22-Jul-23 20-Sep-23	143 173			
06-1240-2(1)	Pipe Material Procurement (Incl. FAT)	60	60	0% 02-Mar-23	30-Apr-23		20-Sep-23	1/3			
06-1240-3(1)	Electrical and Instrumentation Material Procurement (Incl. FAT)	60	60	0% 02-Mar-23	30-Apr-23		20-Sep-23	143			
06-1260-1(M55)	WTP chemical storage tank Material Submission and Approval	120	90	25% 21-Apr-22 A	· ·		20-Sep-23	143			
06-1260-2(M55)	WTP chemical storage tank Procurement (Incl. FAT)	180	90	50% 22-Apr-22 A	30-Apr-23	23-Jun-23	20-Sep-23	143			
	HV Transformers and Associated Equipment	395	150			07-Mar-23	· · · · · · · · · · · · · · · · · · ·	79			
Procurement of Tra		120	120			-	16-Sep-23	79			
06-1290(1)	Factory Acceptance Test (FAT) itchboard/Pannels and Cables	120 395	120 150		29-Jun-23		16-Sep-23 04-Jul-23	79 5			
06-2090(1)	Material Submission and Approval	60	30				04-001-23 05-Apr-23	35			
06-2100(1)	Material & Equipment Procurement	240	90	62.5% 31-May-22	30-Apr-23		04-Jun-23	35			
06-2110(1)	Factory Acceptance Test (FAT)	90	90	0% 01-Apr-23	29-Jun-23	06-Apr-23	04-Jul-23	5			
Procurement for (Control SCADA Systems	408	163	23-May-22	12-Jul-23		01-Sep-23	51			
06-1310	Scada System Procurement, Panel Assembly & Wiring	140	43	69.29% 23-May-22	14-Mar-23		04-May-23	51			
06-1330	Factory Acceptance Test (FAT)	120	120	0% 15-Mar-23	12-Jul-23		01-Sep-23	51			
	Onshore Crane at Berth	302	302	04-Dec-22 A			24-May-24	178			
06-1350	Supplier Submission and Approval	60	2 300	96.67% 04-Dec-22 A	A 01-Feb-23 28-Nov-23		29-Jul-23	178 178		00.5	eb-23
06-1360	Material & Equipment Procurement Off-site Fabrication of Pipe Bridges (Incl. Pipings)	300 262	139	0% 02-Feb-23 30-May-21	18-Jun-23		24-May-24 10-Sep-23	84		U2-FE	30-23
Fabrication of Pipe		231	139				10-Sep-23	84			
Pipe Rack 1		183	91			27-Mar-23		132			
06-5000(6)	Structure Cutting, Painting & Pre-assembly	110	32	70.91% 28-Oct-21 A	03-Mar-23	27-Mar-23	27-Apr-23	55			
06-5010(6)	Erection & Fabrication	60	44	26.67% 07-Mar-22 A		27-Mar-23	09-May-23	55			
06-5020(6)	Piping installation	29	29	0% 31-Jan-23	28-Feb-23		10-Jul-23	132		31-Jan-	-23
06-5030(6)	Pre-commissioning (FAT)	31	31	0% 01-Mar-23	31-Mar-23		10-Aug-23	132			
06-5040(6)	Load out & ready to ship	31	31 136	0% 01-Apr-23	01-May-23	-	10-Sep-23	132			
Pipe Rack 2 06-5070(6)	Structure Cutting, Painting & Pre-assembly	228 110	0				09-Aug-23 09-May-23	55 99			
06-5080(6)	Erection & Fabrication	60	31	48.33% 14-Mar-22 A			09-Jun-23	55			
06-5090(6)	Piping installation	61	61	0% 16-Apr-23	15-Jun-23	-	09-Aug-23	55			
Pipe Rack 3		213	139	30-May-21	18-Jun-23	24-Mar-23	09-Aug-23	52			
06-5140(6)	Structure Cutting, Painting & Pre-assembly	110	47		18-Mar-23		09-May-23	52			
06-5150(6)	Erection & Fabrication	60	31	48.33% 07-Mar-22 A	· ·	-	09-Jun-23	52			
06-5160(6)	Piping installation	61	61	·	18-Jun-23		09-Aug-23	52			
Fabrication of Pipe	Bridge B veen CCCW and Turbine Hall	109 72	109 72		12-Apr-23			69 50			
	Piping installation	46		78.26% 14-Sep-22 A		_		50			
06-5330(6)	Pre-commissioning (FAT)	31	31	0% 10-Feb-23	12-Mar-23	01-Apr-23	01-May-23	50			10-
06-5340(6)	Load out & ready to ship	15	15	0% 13-Mar-23	27-Mar-23	02-May-23	16-May-23	50			
06-5350(6)	Pipe Bridge B Between CCCW and Turbine Hall Delivery	16	16	0% 28-Mar-23	12-Apr-23	17-May-23	01-Jun-23	50			
	32 on the Roof of Turbine Hall	109	109		19-May-23		27-Jul-23	69		04.1	
06-5370(6D)	Erection & Fabrication	32	32		03-Mar-23	· ·	11-May-23	69 69		31-Jan-	-23
06-5380(6D) 06-5390(6D)	Piping installation Pre-commissioning (FAT)	48	46 31	0% 04-Mar-23 0% 19-Apr-23	18-Apr-23 19-May-23	27-Jun-23	26-Jun-23	69			
Fabrication of Pipe		249	126		05-Jun-23		10-Jun-23	5			
	veen Turbine Hall & ACC -1	246	123			05-Feb-23		5			
06-5400(6)	Structure Cutting, Painting & Pre-assembly	14	16	0% 18-Oct-22 A	15-Feb-23	05-Feb-23	20-Feb-23	5			
06-5410(6)	Erection & Fabrication	61	61	0% 16-Feb-23	17-Apr-23	21-Feb-23		5			
06-5420(6)	Piping installation	46	46		02-Jun-23		07-Jun-23	5			
Pipe Bridge C betv 06-5440(6)	veen Turbine Hall & ACC -2 Structure Cutting, Painting & Pre-assembly	246 14	123 16				07-Jun-23 20-Feb-23	5			
06-5450(6)	Erection & Fabrication	61	61	0% 16-Feb-23	17-Apr-23	21-Feb-23		5			
06-5460(6)	Piping installation	46	46	0% 18-Apr-23	02-Jun-23		07-Jun-23	5			
	veen Turbine Hall & ACC -3	249	126			· ·	10-Jun-23	5			
06-5480(6)	Structure Cutting, Painting & Pre-assembly	14	19	0% 18-Oct-22 A	18-Feb-23	05-Feb-23	23-Feb-23	5			
06-5490(6)	Erection & Fabrication	61	61		20-Apr-23		25-Apr-23	5			
06-5500(6)	Piping installation	46	46	0% 21-Apr-23	05-Jun-23		10-Jun-23	5			
	V Electrical System for On-site Installation	208	34	01-Mar-22 A	_		05-Aug-24	519			
06-1440	Material & Equipment Procurement	180	0	100% 01-Mar-22 A		02-Jul-23		153			
06-1450	Factory Acceptance Test (FAT) Delivery to Site	13	13 21	0% 31-Jan-23 0% 13-Feb-23	12-Feb-23 05-Mar-23	03-Jul-23	15-Jul-23 05-Aug-24	153 519		31-Jan-	-23
06-1460											

3-Month Rolling Programme (January 2023)

Page 13 of 18

Remaining Work Actual Work

Actual Milestone

•

♦ Milestone

Critical Milestone

Critical Remaining Work

♦

Facilities,	2023	Mar		Apr
63		64		65
				nent Material Submission a
				nission and Approval, Pipe I
	01-Mar-23,	Electrical	and Instru	umentation Material Submis 31-Mar-23, Mechanical Eq
02-Mar-23				
02-Mar-23			<u></u>	
02-Mar-23				
	01-Mar-23,	Material S	ubmissio	on and Approval, Material Su
		01-A	pr-23	
		14-Mar-2	23, Scada	a System Procurement, Par
	15-Mar-23			
3, Supplier Subm	ission and An	nroval Sun	nlier Sub	mission and Approval, 01-F
		proval, oup		
	03-Mar-2	3 Structure	Cutting	, Painting & Pre-assembly,
				tion & Fabrication, Erection
	28-Feb-23, I	Piping insta	llation	
01-Mar-23				31-Mar-23, Pre-commissio
		01-A	vpr-23	
Structure Cutting	, Painting & P	re-assemb	y, Structi	ure Cutting, Painting & Pre-
			······	15-Apr-23,
				16-Apr-23
		18-1	1ar-23 S	tructure Cutting, Painting &
			nai 20, 0	18-Apr-
				19-Apr-23
9-Feb-23 Pining	installation P	ining instal	lation 09	1-Feb-23
55-1 65-25, 1 iping				nmissioning (FAT)
	13-Mar-23		27-1	Mar-23, Load out & ready to
		28-Mar-2		12-Apr-23, Pip
	03-Mar-2	3, Erection	& Eabrin	ation
04-Mar-2			or abrig	18-Apr-
				19-Apr-23
15-Feb-23	Structure Cutti	na Paintin	n & Pre-s	assembly, Structure Cutting,
23		ng, r anim	garrete	17-Apr-2
				18-Apr-23
	Structure Cutti	ng, Paintin	g & Pre-a	assembly, Structure Cutting,
3				17-Apr-2 18-Apr-23
18-Feb-2	23, Structure C	utting, Pair	nting & P	re-assembly, Structure Cutt
b-23				20-Ap
				21-Apr-23
Material & Equip	ment Procure	ment, Mater	rial & Eou	uipment Procurement, 31-Ja
12-Feb-23, Fac				
		-23, Delive		

Number of Part 1000 Number of Part 1000 Part 10000 Part 10000 Part 100000 Part 1000000 Part 1000000000000000000000000000000000000		Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start	Late Finish	Total Float M62 Remarks	lan
No.000No.0	00.4470(4)	Material Ochemistics and Amount				01 Mar 00	04.1400	00. 1	440	
Statistic <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>31-Jan-23</td>										31-Jan-23
Jump product private fragmentJump JJump J										31-Jan-23
BetaBetaMarkM	, ,					-		· · ·		
She TransmissionShe	06-1510					-				
Set MotionSet Motion	IWMF Substation		365	120	31-May-22	30-May-23	07-Feb-23	06-Jun-23	7	
bit	06-1810(6)			60	50% 31-May-22	31-Mar-23		· · ·		
Headed Public	06-1820(6)					· ·				31-Jan-23
No <td></td> <td></td> <td></td> <td></td> <td>· ·</td> <td></td> <td>· ·</td> <td></td> <td></td> <td></td>					· ·		· ·			
Best of the set						-				
Handbard Dealling of 2001 2000 300 300 300 300 300 300 300 300 30					· · ·	· ·		•		31- Jan-23
Bit Bit Moneta Decision and Agenesi A. Langement Proceeding Decision	()					-	_			
66 400 (Marke & Landow Land						-				
Bit Part 30Bit Part 30Part	06-1620-1(6C)				· · ·			-		
Bit Bit Act IConstraint ICConstraint ICConst	06-1620-3(M55)	Material Submission & Equipment Procurement (Caisson 13)	30	30	0% 04-Feb-23	05-Mar-23	28-Dec-24	26-Jan-25	693	04-Feb
Impair and the Construction Constre Construction Con	06-1620-4(M55)	Delivery to Site	30	30	0% 19-Feb-23	20-Mar-23	12-Jan-25	10-Feb-25	693	
Def 100Option of Model & Support ProceedingsOption of Model & Model	Procurement for C	Cranage Equipment	481	144	02-Aug-21 /	A 23-Jun-23	15-Feb-23	24-Nov-23	154	
Alth Case Alth Case <t< td=""><td>Waste Crane</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></t<>	Waste Crane						-			
06100Marcial a Carlyone Accounter Marcina work any starting and accounter Marcina Marcina Work and Work a	06-1720	Material & Equipment Procurement				-				
00-100Mandace and factory decogenes are (rd A)?0000000000-100		Metaviel 8 Equipment Descurement								
def 199An Oracle believes SignAnd Care Delives SignAnd Care Delives Sign<							-			21 Jan 22
Shandar Standar Standar <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>										
One isonNational constraints of straints		Ash orane benvery to one								
Ohe Burkey Deimsy De		Material & Equipment Procurement								
COTO Coto Country Coun	06-1880	Manufacture and Factory Acceptance Test (FAT)	30	30	0% 24-Mar-23	22-Apr-23	27-Aug-23	25-Sep-23	156	
06-100NatureNature16-10016-1	06-1890	Shredder Delivery to Site	60	60	0% 23-Apr-23	21-Jun-23	26-Sep-23	24-Nov-23	156	
01:100100:0000100:00000100:000000100:0000000100:0000000000000000000000000000000000	EOTC		266	130	19-Apr-22 A	23-Jun-23	15-Feb-23	24-Jun-23	1	
0611300 Fabricy Acceptions Train [FAT] 151 156 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157 20 157	06-1910	Material & Equipment Procurement	180	60	66.67% 19-Apr-22 A	A 14-Apr-23	15-Feb-23	15-Apr-23	1	
00 1900/05 EVD Divaryo Six Batch 1 0 <	06-1920		150		33.33% 11-Oct-22 A	24-May-23	15-Feb-23	25-May-23	1	
Ubbit System Ubbit Signed Package Sig	06-1930				· · ·		· ·			
ObestandsMarcial & Equipment ProcurementMarcial & Equipment ProcurementMarcial & EquipmentMarcial & Equipment		EOTC Delivery to Site Batch 1	-				· ·	· · ·		
06 8200/07) Murular and Facing Acadery Assintant Equiprenent 90 06 16 40.223 3 Jun 28 20 Jun 28		Matarial & Equipment Procurement								21 Jap 22
Secure ent for Ar Caccity Maint Secure ent / Ar Caccity Maint Secure ent	. ,					· ·	-	-		
Material Procurement Material Procurement Material Submission Procurement								· · ·		
Instrument for Air Compression Easi (A) Open Air Compression Easi (A)				104				-		
66-180(1) 66-180(1)Delivery to SinoDelivery to Sino <t< td=""><td></td><td></td><td></td><td>105</td><td>09-Aug-227</td><td>A 15-May-23</td><td></td><td></td><td>110</td><td></td></t<>				105	09-Aug-227	A 15-May-23			110	
6.100(1) Delay to Site 01 61	06-1890(1)	Factory Acceptance Test (FAT)	16	44	0% 09-Aug-22	A 15-Mar-23	21-May-23	03-Jul-23	110	
Hypersent for Pipes and insistant for on site insistance 988 124 31 Marg 05 Jun 23 05 Hun 23 06 Hun 23	06-1900(1)	Delivery to Site	61	61	0% 16-Mar-23	15-May-23	04-Jul-23	02-Sep-23	110	
Meteriel Submission and Approval Ge H 933% S1 Mag-22 05 Feb-23 06 Feb-23	Procurement for F	Pipes and Insulation for on site installations	369	124	31-May-22	03-Jun-23	06-Feb-23	09-Jun-23	6	
Vacuument for Building: Finishes Materials (Doors, windows and Jouwes ia) 362 31-Jan 23 31-Jan 23 05-Jan 24 05-Bab 23 12-Jan 24	.,		60	4	·	03-Feb-23			6	
Hoterterment for Building: Finishes Materials (Doors, windows and Jouwes ia) 368 368 37-Jan 28 05-Bac 20 13-Bac 24 200 06-8010(6) ACC Equipment Yari - Material Submission, Procurement, FAT and Delivery 120 120 0% 91-Jan 23 28-Ave-28 17-Aug-23 70 0	()		120						-	04-Feb
066 8020(6) Turtine Hall Bulding - Material Submission, Procurement, FAT and Delivery 120 120 0% 09 Feb-23 07 Aug-23 07 0 00 00 00 00 Feb-23 07 Aug-23 07 Aug-23 07 0 00 00 00 00 00 00 00 00 07 Aug-23 07 Aug-23 07 0 00 00 00 00 00 00 07 07 Aug-23 07 Aug-23 07 0 00										
66:030(6)CCW Building - Material Submission, Procurement, FAT and Delivery20020000%09-Feb-2327-Jan-2404-Oct-2302-Jul-240404-Oct-2002-Jul-2404-Dut-2402-Jul-2404-Oct-2002-Jul-2404-Oct-2002-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-2402-Jul-2404-Dut-240										
06-8030(6)10 Chimney-Material Submission, Procurement, FAT and Delivery 300 300 0% 03-Apr-23 27-Jan-24 04-Oct-23 29-Jul-24 1184 06-8030(6)40 Wastwater Treatment Plant - Material Submission, Procurement, FAT and Delivery 1150 0% 02-Mar-23 29-Jul-23 17-Apr-24 12-S 0 05-66-30 05-05-120 04-Jul-23 0 0 05-67-020 05-05-120 04-Jul-23 05-60-20 04-Jul-23 0 0 05-67-020 0 0 05-67-020 0								-		
06-8030(6)40 Wastewater Treatment Plant - Material Submission, Procurement, FAT and Delivery 150 150 0% 02-Mar-23 29-Jul-23 17-Apr-24 13-Sep-24 1412 0 06-8030(6) 0F-8030(6)70 IWMF Substation - Material Submission, Procurement, FAT and Delivery 150 150 0% 05-Feb-23 04-Jul-23 0 0 06-8030(6) 0 02-Mar-23 17-Re-24 16-May-24 252 0 <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>						-				
368-803(6)70 WMF Substation - Material Submission, Procurement, FAT and Delivery 150 0% 05-Feb-23 04-Jul-23 0 0 06 06 0% 05-Feb-23 16-Mary-24 28- 28- 28-Aug-23 16-Mary-24 28- 28- 28-Aug-23 16-Mary-24 352 0<					·					
Mi-site Precasting of Facade Panels 180 180 0.2-Mar-23 28-Aug-23 19-Dec/31 16-May-24 262 06-800(6D) Establishment of Precast Yard 660 60 0/6 02-Mar-23 0.7-Pr-23 17-Beb-24 16-May-24 352 06-805(6D) Procurement of Precast Concete Wall Panel Mouding & Fabric ation 60 60 0/6 01-Apr-23 28-Aug-23 19-Dec/31 16-May-24 352 06-805(6D) Precasting of Concrete Panels 150 150 0/6 01-Apr-23 28-Aug-23 19-Dec/31 16-May-24 262 06-8300(6E) Material Submission and Approval 60 0 0 0/2-Mar-23 0-May-23 19-Dec/31 16-May-24 262 06-8300(6E) Material Submission and Approval 60 0 0 0/2-Mar-23 30-May-23 19-Dec/31 16-May-24 262 06-8300(6E) Material Submission and Approval 60 0 0 0/2-Mar-23 30-May-23 10-May-24 30 06-8300(6E) Material Submission and Approva										
68-8040(6D) Establishment of Precast Yard 60 60 60 02-Mar-23 30-Apr-23 17-Feb-24 16-Apr-24 352 06-8050(6D) Procurement of Precast Concrete Wall Panel Mouding & Fabrication 60 60 01-Apr-23 30-May-23 18-Mar-24 15-May-24 352 Process Building Precasting of Concrete Panels 150 150 0% (01-Apr-23) 28-Aug-23 19-Dec-23 16-May-24 252 Procurement for IVMF Equipments for BS Works 90 90 0-Mar-23 30-May-23 05-Mar-23 05-Mar-23 05-Mar-23 05-Mar-23 02-Jun-23 3 06-8300(6E) Material Submission and Approxal Approxal 60 60 0% 02-Mar-23 30-May-23 05-Mar-23 03-Mar-23 03 03-Mar-23 03-Mar-23 03-Mar-23 03-Mar-23 03-Mar-23 03-Mar-23<									-	
Procurement of Procast Concete Wall Panel Modding & Fabrication60600001-Apr-2330-May-2318-Mar-2416-May-24352Procass BuildingProcasting of Concrete Panels1501500101-Apr-2328-Aug-2319-Dec-2316-May-24262One 3160Precasting of Concrete Panels011501500101-Apr-2328-Aug-2319-Dec-2316-May-24262Procurement for IWF Equipments for BS Works03003003001-Apr-2330-May-2305-Mar-2305-Mar-2303-May-24262One-8300(E5)Material Submission and Approval0600606002-Mar-2330-May-2305-Mar-2303-May-24262One-8300(E5)Material Submission and Approval060000002-Mar-2330-May-2305-Mar-2303-May-24262One-8300(E5)Material Submission and Approval060000002-Mar-2330-May-2305-Mar-2303-May-24262Oe-8300(E5)Material Submission and Approval06000000002-Mar-2330-Apr-2303-May-2303-May-2303Oe-8300(E5)Material Submission and Approval0000000001-Mar-2301-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-2303-Mar-23 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></th<>						-				
Process Building1501		Procurement of Precast Concete Wall Panel Moulding & Fabric ation				· ·				
Procurement for IWF Equipments for BS Works909002 Mar-2330-May-2305-Mar-2303-May-23306-8300(6)Material Submission and Approval66666002-Mar-2330-Apr-2305-Mar-2303-May-23306-8310(6)Material & Equipment Procurement90900002-Mar-2330-May-2305-Mar-2302-Jun-23306-8310(6)Material & Equipment Procurement90000000-May-2331-Jan-2331-Jan-2331-Jan-2332-Apr-238204-1805(6F)Wastewater Treatment Plant (30d)00000031-Jan-2331-Jan-2331-Mar-2328-Mar-238204-1815(6F)Tipping Hall and Bunker (90d)00000031-Jan-2315-Feb-2323-Apr-238204-1820(6F)Compressor & CCCW Building (90d)00000031-Jan-2315-Mar-2315-		Ŭ						•		
Material Submission and Approval60606002-Mar-2303-Mar-2303-Mar-23306-8300(6E)Material & Equipment Procurement90900%02-Mar-2305-Mar-2302-Jun-23306-8310(6E)Material & Equipment Procurement000001-Mar-2305-Mar-2302-Jun-23306-1805(6F)Wastewater Treatment Plant (30d)000031-Jan-2315-Feb-2323-Apr-238204-1805(6F)Tirping Hall and Bunker (90d)000031-Jan-2315-Feb-2323-Apr-236604-1815(6F)Turbine Hall Building (30d)000031-Jan-2315-Feb-232368204-1820(6F)Compressor & CCCW Building (90d)000004-Mar-2303204-1870(6F)Elevated Drive Way and Associated Structures (90d)000031-Jan-2320-Mar-234804-1880(6F)WMF Substation (60d)0000031-Jan-2320-Mar-2348	06-8160	Precasting of Concrete Panels	150	150	0% 01-Apr-23	28-Aug-23	19-Dec-23	16-May-24	262	
Material & Equipment ProcurementMaterial & EquipmentMaterial &	Procurement for I	WMF Equipments for BS Works	90	90	02-Mar-23	30-May-23	05-Mar-23	02-Jun-23	3	
Delivery of Cast-in jees, Fittings and Anchor Bolts for Structures (if applicable)0031-Jan-2331-Jan-2315-Feb-2323-Apr-238204-1805(6F)Wastewater Treatment Plant (30d)000031-Jan-2328-Mar-235604-1810(6F)Tipping Hall and Bunker (90d)000031-Jan-2323-Apr-238204-1815(6F)Turbine Hall Building (30d)000031-Jan-2304-Mar-233204-1820(6F)Compressor & CCCW Building (90d)000031-Jan-2304804-1870(6F)Elevated Drive Way and Associated Structures (90d)000031-Jan-2320-Mar-234804-1880(6F)WMF Substation (60d)0000031-Jan-2323-Feb-232323	06-8300(6E)	Material Submission and Approval	60	60	0% 02-Mar-23	30-Apr-23	05-Mar-23	03-May-23	3	
D4-1805(6F) Wastewater Treatment Plant (30d) 0 0 0 31-Jan-23 28-Mar-23 56 04-1810(6F) Tipping Hall and Bunker (90d) 0 0 0 0 31-Jan-23 23-Apr-23 82 04-1815(6F) Turbine Hall Building (30d) 0 0 0 31-Jan-23 04-Mar-23 32 04-1820(6F) Compressor & CCCW Building (90d) 0 0 0 0 31-Jan-23 04-Mar-23 32 04-1820(6F) Compressor & CCCW Building (90d) 0 0 0 0 31-Jan-23 20-Mar-23 48 04-1870(6F) Elevated Drive Way and Associated Structures (90d) 0 0 0 31-Jan-23 20-Mar-23 48 04-1880(6F) WMF Substation (60d) 0 0 0 0 31-Jan-23 23-Feb-23 23	. ,						_		-	
D41810(6F) Tipping Hall and Bunker (90d) Odd Odd Odd S1-Jan-23 S2-Apr-23 S2						31-Jan-23		23-Apr-23		
04-1815(6F) Turbine Hall Building (30d) 0										
Od-1820(6F) Compressor & CCCW Building (90d) Od-1820(10000000000000000000000000000000000			-							
O4-1870(6F) Elevated Drive Way and Associated Structures (90d) O O O O Star-23 Co-Mar-23 AB 04-1880(6F) IWMF Substation (60d) O O O O O Star-23 Co-Mar-23 AB										
04-1880(6F) IW MF Substation (60d) 0 0 0 0 31-Jan-23 23-Feb-23 23			-							
10 11 12 15 E00/23 1 15 E00/23			-	-						

Page 14 of 18

Actual Work Critical Remaining Work

Milestone

Critical Milestone

ct No. EP/SP/66/12 Facilities, Phase 1	t T T T T T T T T T T T T T T T T T T T	
2023 Feb Mar 63 64		Apr 65
01-Mar-23, Mat	erial Submissi	
02-Mar-23		
	01-Apr-23	
		31-Mar-23, Material Submiss
	01-Apr-23	
	01-Apr-23	
	1	-Apr-23
05-Mar-23,	<u></u>	ission & Equipment Procurem , Delivery to Site
23, Material & Equipment Procurement 01-Mar-23, Mar 02-Mar-23		uipment Procurement, 31-Jan- actory Acceptance Test (FAT) 06-Apr-23, Ash Crane
24-Mai		-23, Material & Equipment Pro
		23-Apr-23
		14-Apr-23, Ma
		25-Apr-23
23 14-Feb-23, EOTC Delivery to Sit	te Batch 1	
16-Mar-23 🗖		
1	5-Mar-23, Fac	toryAcceptanceTest(FAT),Fa
16-Mar-23 🗖		
eb-23, Material Submission and Appro	val, Material S	ubm is sion and Approval, 03-Fe
	03-Apr-23	
02-Mar-23		
02-Mar-23	01-Apr-23	
	01-Apr-23	
02-Mar-23		
02-Mar-23		
ater Treatment Plant (30d), 31-Jan-23 Halland Bunker (90d), 31-Jan-23		
Hall Building (30d), 31-Jan-23 ssor & CCCW Building (90d), 31-Jan-2	23	
Drive Way and Associated Structures substation (60d), 31-Jan-23		23
uipment Structure (60d), 31-Jan-23		

REPPEL SEGUERS - 2000	Activity Name	Original Duration	Remaining Duration	Activity % Current Start Complete	Current Finish	Late Start	Late Finish	Total Float M62 Remarks		Jan	_
Maritime Works		1308	170	30-Nov-19 A	19-Jul-23	17-Dec-22	02-Dec-23	136		62	
Marine Construct		1308	170	30-Nov-19 A			02-Dec-23	136			
Phase I - Construc	tion of Perimeter Seawalls	1298	170	30-Nov-19 A	19-Jul-23		02-Dec-23	136			
Seawall and Berth		1298 1298	140 140	30-Nov-19 A 30-Nov-19 A		_	02-Dec-23 02-Dec-23	166 166	·····		
08-1115(3)	Caisson infill, Solid ballast, toe protection, precast concrete blocksetc Laying	250	63	74.8% 30-Nov-19 A			02-Jul-23	90			
💾 Remain Works		618	140	10-Oct-21 A			02-Dec-23	166			
08-1105-11(6)	Prefabrication of Precast Copping for Vertical Seawall Construction of Seawall and Wave Wall Extension from +3m PD to Deck Level for Seawall A	140 220	140 75	0% 31-Jan-23 65.91% 10-Oct-21 A	19-Jun-23		02-Nov-23 01-Aug-23	136 90		31-Jan-	J-23
08-1120 08-1120-1(6)	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level for Seawall A Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level for Seawall B	220	75	65.91% 10-Oct-21 A		-	01-Aug-23 02-Dec-23	231			
08-1120-2(M55)	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level for Seawall B No. C1 &	60	30	50% 31-May-22	01-Mar-23		17-Nov-23	261			
08-1120-3(M55)	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level for Seawall B No. C8 &	60	0	100% 31-May-22	31-Jan-23	17-Dec-22	17-Dec-22	-44			
08-1120-4(M55)	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level for Seawall B No. C73	60	30	50% 31-May-22	01-Mar-23	04-Jun-23		124			
Seawall at Dredgin Remain Works	ng Area	160 160	43 43	11-Jul-22 A 11-Jul-22 A		_	02-Dec-23 02-Dec-23	136 136	·····		
08-1170	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level (Bay 1 to Bay 8)	160	43	73% 11-Jul-22 A			02-Dec-23	136			
Phase II - Reclamat	ion, Breakwater and Berth Construction	791	150		29-Jun-23	04-Feb-23	31-Jul-23	32			
Reclamation		116	85	18-Oct-22 A			29-Apr-23	4			
Reclamation Wor Surcharge Period		116 60	85 60	18-Oct-22 A 18-Oct-22 A			29-Apr-23 04-Apr-23	4			
08-3130(6)	Loading @ +11&+13mPD at South Edge Area (Area 5)	60	60	0% 18-Oct-22 A			04-Apr-23	4			
💾 Surcharge Remo		116	85	01-Jan-23 A			29-Apr-23	4			
08-3200-2(M57)	Remove Surcharge at West Edge Area (Area 7B1) (30,500m3 @ 4000m3/d) Remove Surcharge at South Edge Area (Area 5) (96,700m3 @ 4000m3/d)	45	30	33.33% 01-Jan-23 A			18-Mar-23	17			
Breakwater	Remove Surcharge at South Edge Area (Area 5) (96,7 coms (@ 4000m 3/0)	25 516	25 50	0% 01-Apr-23 30-Apr-21 A	25-Apr-23 21-Mar-23	12-Jun-23	29-Apr-23	132			
08-1295(3)	Caisson Infill, Solid ballast, toe protection, precast concrete blocksetc Laying	200	20	90% 30-Apr-21 A			01-Jul-23	132			
Remain Works		120	30	31-May-22		02-Jul-23		132			
08-1300	Construction of Caissons Extension from +3mPD to Deck Level	120	30	-		02-Jul-23		132			
Seawall and Berth 08-1320(5A)	Caisson Infill, Solid ballast, toe protection, precast concrete blocksetc Laying	181 90	150 23	08-Feb-21 A 74.44% 08-Feb-21 A			01-Jul-23 29-Apr-23	66			
Remain Works		30	30	31-Jan-23	01-Mar-23	02-Jun-23	· ·	122			
08-1330(2)	Construction of Seawall and Wave Wall Extension from +3mPD to Deck Level	30	30	0% 31-Jan-23	01-Mar-23	02-Jun-23	01-Jul-23	122		31-Jan-	1-23
Seawater Intake		90	90	01-Apr-23	29-Jun-23	03-Apr-23		2			
08-2400(6D)	Construction of Seawater Intake	90 255	90 147	0% 01-Apr-23 24-Oct-22 A	29-Jun-23 26-Jun-23	· ·	01-Jul-23 11-Apr-24	2 290			
	NS Viewing Gallery Bld Foundation	147	147	31-Jan-23	26-Jun-23		09-Sep-23	75	·····		
	iewing Gallery Bid Politing Works (Driven H-pile)	87	87	31-Jan-23	27-Apr-23		11-Jul-23	75			
09-1060	Driven H Pile Installations (141 nrs ~60m(D) & (16 nrs ~60m(D), @ 60m/d 2 Groups)	79	79	0% 31-Jan-23	19-Apr-23	16-Apr-23	03-Jul-23	75		31-Jan-	
09-1080	Pile Load Test	8	8	0% 20-Apr-23	27-Apr-23	04-Jul-23		75			
Administration & V 09-1090	iewing Gallery Bld Pile Caps Construction Excavation to Pile Cap Formation	60 60	60 60	28-Apr-23 0% 28-Apr-23	26-Jun-23 26-Jun-23		09-Sep-23 09-Sep-23	75 75			
Sky Deck Founda		23	23	20-Apr-23	12-May-23		11-Apr-24	335			
Sky Deck Piling Wo		23			12-May-23			335			
09-2705(M62)	Driven H Pile Installations (23 nrs ~60m(D) @ 60m/d 1 Group)	23		0% 20-Apr-23	12-May-23		11-Apr-24	335 Extracted Activ			
	- Waste Bunker & Tipping Hall Bld Foundation	74	74	15-Dec-22 A	·	07-Feb-23		119			
Process Building P Piling Stage 3 (Mo	iling Works (Driven H-pile) dule 3)	8	8	15-Dec-22 A 15-Dec-22 A			15-Feb-23 15-Feb-23	8			
) (Module 3) WWTP (Subzone 23&24)	8	8		07-Feb-23	_	15-Feb-23	8			
09-1170	Pile Load Test	8		0% 15-Dec-22 A			15-Feb-23	8			
Process Building F Pile Cap Stage 1 (Vile Cap Construction	74 40		02-Jan-23 A 31-Jan-23	14-Apr-23	13-Feb-23 30-May-23	11-Aug-23	<u>119</u> 132			
	(Module 1) Tipping Hall	40		31-Jan-23	11-Mar-23		21-Jul-23	132			
09-1180	Excavation to Pile Cap Formation	25	25	0% 31-Jan-23	24-Feb-23		23-Jun-23	119		31-Jan-	
09-1190	Pile Cut-off & Capping Plate (76 nrs, 4nr/d)	19	19	0% 09-Feb-23	27-Feb-23		09-Jul-23	132			09
09-1200 Pile Cap Stage 2 (Pile Caps Construction (26nrs 8set @ 1/7d)	23 74	23 74	0% 17-Feb-23 02-Jan-23 A	11-Mar-23	29-Jun-23		132			
Pile Cap Stage 2 (Process Building	Module 2) I (Module 2) Tipping Hall	49	49	25-Feb-23	14-Apr-23 14-Apr-23		11-Aug-23 11-Aug-23	119 119			
09-1210	Excavation to Pile Cap Formation	25	25	0% 25-Feb-23	21-Mar-23		18-Jul-23	119			
09-1220	Pile Cut-off & Capping Plate (51 nrs, 4nr/d)	13	13	0% 12-Mar-23	24-Mar-23		21-Jul-23	119			
09-1230	Pile Caps Construction (22nrs 8set @ 1/7d)	20	20	0% 12-Mar-23	31-Mar-23		28-Jul-23	119			
09-2370 Process Building	Excavation to Pile Raft Foundation Formation (Module 2) Bunker	28	28 36	0% 18-Mar-23 02-Jan-23 A	14-Apr-23 08-Mar-23		11-Aug-23 21-Mar-23	119			
Process Building 09-2380	Pile Cut-off & Capping Plate (207 nrs, 8nr/d)	27	30				16-Feb-23	14			
09-2390	Pile Caps and Raft Foundation Construction (50m x 36m 4set @100m2/7d)	36	36	0% 31-Jan-23	08-Mar-23		21-Mar-23	14		31-Jan-	1-23
Pile Cap Stage 3 (63			04-Apr-23	_	26-Apr-23	23			
Process Building O9-1240	(Module 3) WWTP Excavation to Pile Raft Foundation Formation	42 25	42 25	08-Feb-23 0% 08-Feb-23	22-Mar-23 05-Mar-23		26-Apr-23 09-Apr-23	36 36			-08
09-1250	Pile Cut-off & Capping Plate (168 nrs, 10nr/d)	17	17	0% 19-Feb-23	08-Mar-23		17-Apr-23	41			
09-1260	Pile Caps and Raft Foundation Construction (60m x 24m 4set@100m2/7day)	26	26	0% 24-Feb-23	22-Mar-23		26-Apr-23	36			

Page 15 of 18

Critical Remaining Work

♦ Milestone

	2/SP/66/1 5, Phase 2023		Environ	nmental Protection Departmen
Feb 63		Mar 64		Apr 65
63		04		65
				03-Apr-23, Caisson infill
				15-Apr-23,
				all and Wave Wall Extensi
ion of Seawall a				to Deck Level for Seawall
	01-Mar-23,	Construction	or Seaw	all and Wave Wall Extensi
				1 Mor 02 Localize @
			3	1-1viai-23, Luauing @ +118
	01-Mar-23	Remove Sur	charge at	West Edge Area (Area 71
		01-Ap		2
19-F	eb-23, Caisson Ir	nfill, Solid bal	last, toe p	protection, precast concret
		21	Mar-23, (Construction of Caissons I
2	2-Feb-23, Caisso	n Infill, Solid	ballast, te	pe protection, precast cond
	01-Mar-23	Construction	of Seaw	all and Wave Wall Extensi
		Construction	UI CEAW	
		01-Ap	r-23 🗖	
				19-Apr-
				20-Apr-23
				28-Apr-23 [
				20-Apr-23
				20-Api-20
-Feb-23, Pile L	oad Test, Pile Lo	ad Test, 07-Fe	b-23	
	24-Feb-23, Exca	vation to Pile	Can For	mation
·····				Plate (76 nrs, 4nr/d)
-23				Construction (26nrs 8set @
				,
			Mar-23, I	Excavation to Pile Cap For
25-Feb-23				
25-Feb-23	12-Mar-23			
25-Feb-23	12-Mar-23 🗖			1-Mar-23, Pile Caps Cons
25-Feb-23				1-Mar-23, Pile Caps Cons
	12-Mar-23 🗖 18-Mar-2	23	3	1-Mar-23, Pile Caps Const 14-Apr-23, E
	12-Mar-23 18-Mar-2 & Capping Plate	23 23 (207 nrs, 8n	/d), Pile	1-Mar-23, Pile Caps Cons 14-Apr-23, E Cut-off & Capping Plate (2
	12-Mar-23 18-Mar-2 & Capping Plate	23 23 (207 nrs, 8n	/d), Pile	1-Mar-23, Pile Caps Cons 14-Apr-23, E Cut-off & Capping Plate (2
	12-Mar-23 18-Mar-2 & Capping Plate	23 23 (207 nrs, 8n	/d), Pile	1-Mar-23, Pile Caps Cons 14-Apr-23, E Cut-off & Capping Plate (2
	12-Mar-23 18-Mar-2 & Capping Plate 08-N	23 23 200 200 200 200 200 200 200 200 20	/d), Pile Caps and	1-Mar-23, Pile Caps Const 14-Apr-23, E Cut-off & Capping Plate (2 Raft Foundation Construct
	12-Mar-23 18-Mar- 18-Mar- 8 Capping Plate 08-N 08-N	23 (207 nrs, 8n) 9 (207 nrs, 8n) Mar-23, Pile C	/d), Pile aps and on to Pile	3, Pile Cut-off & Capping F 1-Mar-23, Pile Caps Const 14-Apr-23, E Cut-off & Capping Plate (2) Raft Foundation Construct Raft Foundation Formatio Capping Plate (168 nrs, 10)
-23, Pile Cut-off	12-Mar-23 18-Mar- 18-Mar- 8 Capping Plate 08-N 08-N	23 23 207 nrs, 8n Mar-23, Pile C -23, Excavati Mar-23, Pile C	/d), Pile Caps and Don to Pile Cut-off & (1-Mar-23, Pile Caps Const 14-Apr-23, E Cut-off & Capping Plate (2 Raft Foundation Construct Raft Foundation Formatio
-23, Pile Cut-off eb-23	12-Mar-23 18-Mar- 18-Mar- 8 Capping Plate 08-N 08-N	23 23 207 nrs, 8n Mar-23, Pile C -23, Excavati Mar-23, Pile C	/d), Pile Caps and Don to Pile Cut-off & (1-Mar-23, Pile Caps Const 14-Apr-23, E Cut-off & Capping Plate (2 Rati Foundation Construct Rati Foundation Formatio Capping Plate (168 nrs, 10
23, Pile Cut-off	12-Mar-23 18-Mar- 18-Mar- 8 Capping Plate 08-N 08-N	23 23 207 nrs, 8n Mar-23, Pile C -23, Excavati Mar-23, Pile C	/d), Pile Caps and Don to Pile Cut-off & (1-Mar-23, Pile Caps Cons 14-Apr-23, E Cut-off & Capping Plate (2 Rati Foundation Construct Rati Foundation Formatio Capping Plate (168 nrs, 10
23, Pile Cut-off	12-Mar-23 18-Mar- 18-Mar- 8 Capping Plate 08-N 08-N	23 23 207 nrs, 8n Mar-23, Pile C -23, Excavati Mar-23, Pile C	/d), Pile Caps and Don to Pile Cut-off & (1-Mar-23, Pile Caps Cons 14-Apr-23, E Cut-off & Capping Plate (2 Rati Foundation Construct Rati Foundation Formatio Capping Plate (168 nrs, 10

	Activity Name	Original Remaining Duration Duration	Activity % Current Start Complete	Current Finish	Late Start Late Finish	Total Float M62 Remarks	Jan Feb Mar Apr
09-2550	Excavation to Pile Cap Formation	25 25	0% 08-Feb-23	05-Mar-23	15-Feb-23 12-Mar-23	8	62 63 64 65 08-Feb-23 05-Mar-23, Excavation to Pile Cap Formation
09-2560	Pile Cut-off & Capping Plate (22 nrs, 4nr/d)	6 6	0% 02-Mar-23	08-Mar-23	09-Mar-23 15-Mar-23	8	02-Mar-23 08-Mar-23, Pile Cut-off & Capping Plate (22 nrs.
— 09-2570	Pile Caps Construction (5nrs 2set @ 1/7d)	18 18	0% 25-Feb-23	15-Mar-23	04-Mar-23 22-Mar-23	8	25-Feb-23 15-Mar-23, Pile Caps Construction (5nrs
Process Building		63 63	01 041 20	04-Apr-23	03-Mar-23 14-Apr-23	11	
09-2420 09-2430	Excavation to Pile Raft Foundation Formation Pile Cut-off & Capping Plate (338 nrs, 15nr/d)	25 25 23 23		25-Feb-23 28-Feb-23	03-Mar-23 28-Mar-23 22-Mar-23 14-Apr-23	32 46	31-Jan-23 25-Feb-23, Excavation to Pile Raft Foundation Formation 05-Feb-23 28-Feb-23, Pile Cut-off & Capping Plate (338 nrs, 15nr/d
09-2430	Pile Caps and Raft Foundation Construction (60m x 32m 4set@100m2/7day)	20 20		04-Apr-23	22-Mar-23 11-Apr-23	8	15-Mar-23 04-Apr-23, Pile Ca
	- Boiler & Flue Gas Treatment Bld Foundation	146 13		12-Feb-23	·	31	
	oiler Building & Flue Gas Foundation	87 3	29-Oct-22 A	02-Feb-23	03-Mar-23 05-Mar-23	31	
	Pile Caps Construction	87 3		02-Feb-23		31 31	
Process Building 09-1480	(Module 3) Pile Cap Stage 3 Pile Caps Construction (52 nrs, 4set @1/7d)		96.55% 29-Oct-22 A			31	02-Feb-23, Pile Caps Construction (52 nrs, 4set @1/7d), Pile Caps Construction (52
RC Base Slab		50 10		A 12-Feb-23		31	
10-1600	Base Slab Stage 3 (Module 3)	50 10				31	12-Feb-23, Base Slab Stage 3 (Module 3), Base Slab Stage 3 (Module 3)
ACC Equipment F		161 69		09-Apr-23		6	
ACC Piling Works (09-1670-11	Driven H-pile) Driven H Pile Installations at Zone 2 (30 nrs ~55m(D), @60m/d 2 Groups) (Module 1)	120 18 28 1	96.43% 24-Oct-22 A	17-Feb-23		<u> </u>	31-Jan-23, Driven H Pile Installations at Zone 2 (30 nrs ~55rt(D), @60m/d 2 Groups)
09-1670-12(6F)	Driven H Pile Installations at Zone 4 (31 nrs ~55m (D), @60m/d 2 Groups) (Module 1)	28 3			06-Feb-23 08-Feb-23	6	02-Feb-23, Driven H Pile Installations at Zone 4 (31 nrs ~55m(D), @60m/d 2 Groups
09-1680	Pile Load Test	15 15	0% 03-Feb-23	17-Feb-23	09-Feb-23 23-Feb-23	6	03-Feb-23 17-Feb-23, Pile Load Test
ACC Pile Cap Cons		51 51		09-Apr-23		6	
09-1690	Excavation to Pile Cap Formation (Module 1)	14 14				6	18-Feb-23 03-Mar-23, Excavation to Pile Cap Formation (Modul
<pre>09-1700 09-1710</pre>	Pile Cut-off & Capping Plate (Module 1) Pile Caps Construction (Module 1)	18 18 30 30	0,0 20100 20	14-Mar-23 26-Mar-23	03-Mar-23 20-Mar-23 03-Mar-23 01-Apr-23	6	25-Feb-23 14-Mar-23, Pile Cut-off & Capping Plate (25-Feb-23 26-Mar-23, Pile Caps Const
09-1710-1(6)	Tie Beams Construction (Module 1 @+6.5mPD)	30 30	0% 23-1 66-23	09-Apr-23	17-Mar-23 15-Apr-23	6	11-Mar-23 09-Apr-23, Tie
Turbine Hall Bld I		51 51	31-Jan-23	22-Mar-23	03-Feb-23 16-Apr-23	25	
_Turbine Hall Pile Ca		51 51	31-Jan-23	22-Mar-23		25	
09-1750	Excavation to Pile Cap Formation	21 21		20-Feb-23		3	31-Jan-23 20-Feb-23, Excavation to Pile Cap Formation
<pre>09-1750-1(M62) 09-1760</pre>	Excavation & construction of 4.2x5.5m pit for TBS1 @2mPD Pile Cut-off & Capping Plate (98 nrs, @10nr/d)	21 21 10 10		20-Feb-23 22-Feb-23	13-Mar-23 02-Apr-23 23-Feb-23 04-Mar-23	41 Extracted A	Activity 31-Jan-23 20-Feb-23, Excavation & construction of 4.2x5.5m pit for TBS1 @ 13-Feb-23 22-Feb-23, Pile Cut-off & Capping Plate (98 nrs, @10nr/d)
09-170	Pile Caps and Ground Beam Construction for TBS1 & Electrical Bld to +6.3mPD	30 30		08-Mar-23	10-Feb-23 11-Mar-23	3	07-Feb-23 08-Mar-23, Pile Caps and Ground Beam Constr
09-1770-1(M58)	Install anchor bolts & Floor Finishes for TBS1 @+6.3mPD (Post-drilling)	14 14			03-Apr-23 16-Apr-23	25	09-Mar-23 22-Mar-23, Install anchor bolts &
Compressor & CO	CCW Bld Foundation	61 61	23-Mar-23	22-May-23	11-Apr-23 10-Jun-23	19	
CCCW Pile Caps Co		61 61	20 11101 20			19	
09-2340	Excavation to Pile Cap Formation	43 43	0% 23-Mar-23 0% 14-Apr-23	04-May-23		19	23-Mar-23
<pre>09-2350 09-2350-1(6)</pre>	Pile Cut-off & Capping Plate (68 nrs, @10nr/d) Pile Caps Construction to +5.85mPD (9 nrs, @0.2nr/d)	2828 4545	· · ·	11-May-23 22-May-23	03-May-23 30-May-23 27-Apr-23 10-Jun-23	19 19	08-Apr-23
MT Plant & WT Blo	· · · · · · · · · · · · · · · · · · ·	194 95		,	07-Feb-23 14-Jun-23	40	
_MT Plant & WT Bld	Piling Works	194 95	23-Dec-22	05-May-23	07-Feb-23 14-Jun-23	40	
MT & WT Plant (Dr		194 95			07-Feb-23 14-Jun-23	40	
09-1870 09-1870-1(M54)	Driven H Pile Installations (208 nrs ~45m(D), @60m/d 1 Group) Driven H Pile Installations (174 nrs ~45m(D), @60m/d 1 Group)	156 95			12-Mar-23 14-Jun-23 07-Feb-23 04-May-23	40	
,	Building Foundation	148 133			20-Jan-23 30-Sep-23	110	
	iling Works (Driven H-pile)	60 43			20-Jan-23 03-Mar-23	-11	
09-1980	Driven H Pile Installations (74 nrs ~50m(D), @60m/d 1 Group)	60 35				-11	Driven H Pile Installations (74 nrs ~50m(D), @60
09-1990	Pile Load Test	8 8	0.00	_	24-Feb-23 03-Mar-23	-11	07-Mar-23 14-Mar-23, Pile Load Test
IWMF Substation P 09-2000	Excavation to Pile Cap Formation	30 30		12-Jun-23 13-Apr-23		<u>-110</u> -11	15-Mar-23 13-Apr-2
09-2010	Pile Cut-off & Capping Plate	30 30		· ·	· ·	-11	22-Mar-23
09-2020	Pile Caps Construction (24nrs, 4sets @1nr/7d)	30 30	0% 05-Apr-23	04-May-23	25-Mar-23 23-Apr-23	-11	05-Apr-23
09-2030(6G)	Excavation and construction of Utility Trench	60 60				110	14-Apr-23
	ay and Associated Structures Foundation	104 119			17-Feb-23 02-Jun-23	4	
Elevated Drive Way 09-2020(M57)	Piling Works (Driven H-pile) Predrilling for Driven Pile founding determination (30nr ~60m, @15m/d, 4 Rigs)	104 119 23 18		-	17-Feb-23 02-Jun-23 17-Feb-23 06-Mar-23	<u> </u>	17-Feb-23, Predrilling for Driven Pile founding determination (30n
09-2030(M57)	Driven H Pile Installations Grid RSA - RSG (248nrs ~50m (D), @60m/d 4 Groups)	52 52				17	18-Feb-23 10-Apr-23, [
09-2030-2(M45)	Driven H Pile Installations Grid RSY - RSAF (74nrs ~55m(D), @60m/d 2 Groups)	34 34			30-Apr-23 02-Jun-23	4	26-Apr-2:
Elevated Drive Way	Pile Cap Construction	30 30	11-Apr-23	10-May-23	28-Apr-23 27-May-23	17	
Elevated Drive Wa		30 30		10-May-23		17	
09-2050(M57) Pipe Bridge Foun	Excavation to Pile Cap Formation	30 30 50 50			28-Apr-23 27-May-23 23-Jan-23 16-Aug-23	17 148	11-Apr-23
Pipe Bridge B		50 50			23-Jan-23 13-Mar-23	-8	
	ng Works Piling Works (Driven H-pile)	8 8	31-Jan-23	07-Feb-23	23-Jan-23 30-Jan-23	-8	
09-2460	Pile Load Test	8 8			23-Jan-23 30-Jan-23	-8	31-Jan-23 07-Feb-23, Pile Load Test
Pipe Bridge B Pile 09-2470	Caps Construction Excavation to Pile Cap Formation	<u>42</u> 42 21 21			31-Jan-23 13-Mar-23 31-Jan-23 20-Feb-23	-8 -8	08-Feb-23 28-Feb-23, Excavation to Pile Cap Formation
09-2470	Pile Cut-off & Capping Plate (33 nrs, @ 4nr/d)	21 21 21				-8	08-Feb-23 28-Feb-23, Excavation to Pile Cap Formation 15-Feb-23 07-Mar-23, Pile Cut-off & Capping Plate (33 nrs.
09-2490	Pile Caps Construction to +5.0mPD (33nr, 4set@ 1nr/7d)	30 30				-8	20-Feb-23 21-Mar-23, Pile Caps Construction
		8 8			09-Aug-23 16-Aug-23		
Pipe Bridge C	ng Works Piling Works (Driven H-pile)				09-Aug-23 16-Aug-23		

0 0 Pile Load Test 0 6 0			Duration	Duration	Complete					Jan 62	Ŧ
Theory is all of the set of the	09-2510	Pile Load Test	8	8	0% 31-Jan-23	07-Feb-23	09-Aug-23 16-Aug-23	190		31-Jan-23	
Biol District of the strategy lange of the strat		5									
particule <td></td> <td>Compaction Leveling & Testing</td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>3.4</td> <td></td> <td></td>		Compaction Leveling & Testing				_			3.4		
Second Label 12: Weak Basker Stapping bill på Basker 13: Second 1											
bills bills <td< td=""><td></td><td></td><td>89</td><td>99</td><td>22-Dec-22 A</td><td>A 10-May-23</td><td>02-Feb-23 07-Jun-23</td><td>29</td><td></td><td></td><td></td></td<>			89	99	22-Dec-22 A	A 10-May-23	02-Feb-23 07-Jun-23	29			
In Solution International And State Schematic Control International And State Schematic Contro International And State Schematic Control			89	99			02-Feb-23 06-Jun-23	28			
s bits Quanta & data is don's (") Qi Qi Qi Differed Differed <											
p 10 in 0 je na 5 disp 1.5 cm ²	·										10-E(
9 1100 Junu & Mulei - Subort D [2] [3] [4] [6] <								2			
1 Math1 men3 men3 men5 men3 men <t< td=""><td></td><td>Column & Wall to +20.0mPD</td><td>21</td><td>21</td><td></td><td>13-Apr-23</td><td>26-Mar-23 15-Apr-23</td><td>2</td><td></td><td></td><td></td></t<>		Column & Wall to +20.0mPD	21	21		13-Apr-23	26-Mar-23 15-Apr-23	2			
Process Data (bodder) Unit Dis (b) Unit	10-1130	Beam & Slab to +15.0mPD	14	14	0% 14-Apr-23	27-Apr-23	23-Apr-23 06-May-23	9			
In the stateBane 3 bars 5 der 3Bane 3 bars 5 der 3					· ·						
InitialComme Algors of controlCall<											
10 120Const AddressConst AddressNortherNo							· · ·				
19130 Semis Status 2.5m ² Semis Status		Beam & Slab to +6.0mPD	21	21	0% 19-Apr-23	10-May-23		28			
101500Clum 44 lo 4 ûn PDClum 54 lo 4 ûn PDClum 54 lo 4 ûn PDMarge 2Marge 2<											
Import bill bill bill bill bill bill bill bil						· ·	· · · ·				
Process Build Process					·			-			
19.50%Sub 1- Sam 0Sub 1- Sam 0<											
10 strong is 10 strong is 10 strong is 10 strong is 	10-3000(6F)	Slab to +2.0mPD	14	14	0% 22-Mar-23	05-Apr-23	27-Apr-23 10-May-23	36			
scaces Parties Parties Parties Parties Partis Parties Partis Parties Part						· ·					
Interf Structure 100	. ,				· ·	-	· ·				
Bind relating Starture1001001001000 <td></td> <td>- Boller & Flue Gas Treatment Bld Structure</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		- Boller & Flue Gas Treatment Bld Structure									
10:1630 Redingeneration 60 0 <td></td> <td>I Structure</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		I Structure									
Process Building (Module 2) Itel Structure Exclosi 96											
10-1670 Steen for True Lifting (BM2) Geo True Lifting (BM2		-					· · · · · · · · · · · · · · · · · · ·			31-Jan-23	
10-100 execution (seq 0)dic down (non Q+0) 60 00 0 00-100 6Feb32 17Abr23 17Ab				-		-			16-Ja	an-23A	
Process Building (Module 3) Process Building State Structure Exection Single Single Structure Struc								-			
File Cos Transmer Bill State Structure 10-720 <th< td=""><td>Process Building (M</td><td>Module 3) Process Building Steel Structure Erection</td><td>30</td><td>30</td><td>16-Feb-23</td><td>17-Mar-23</td><td>19-Mar-23 17-Apr-23</td><td>31</td><td></td><td></td><td></td></th<>	Process Building (M	Module 3) Process Building Steel Structure Erection	30	30	16-Feb-23	17-Mar-23	19-Mar-23 17-Apr-23	31			
Process Building (Modur) 13 Stend Structure Exerction Mago addounct many addounct maddounct maddounct many addounct maddounct many addounc							·				
10-1730 Erection of Magn Calumar (gang Q3d) rotunn (gang x2) 9 </td <td></td>											
10-1740 Steel Root Truss Ground Assembly Works 9 9 0% 18-freb.23 15-freb.23 15-freb.23 24-Jan.23 -34 10-1750 Steel Root Truss Ground Assembly Works 30 0											
10-170Stelle hor fues Litting (PM)0161101602.407-2305-40-2304-10-2304-10-2304-100-100-100-100-100-100-100-100-100-100-100-100-100-100-100-10 <t< td=""><td>-</td><td></td><td>9</td><td>9</td><td></td><td></td><td></td><td>-34</td><td></td><td></td><td></td></t<>	-		9	9				-34			
Process Building (Urboding 2) steel Structure Erection Ort Ort Ort Ort <t< td=""><td>10-1750</td><td>Steel Roof Truss Lifting (FM 1)</td><td>14</td><td>14</td><td>0% 23-Mar-23</td><td>05-Apr-23</td><td>24-Jan-23 06-Feb-23</td><td>-58</td><td></td><td></td><td></td></t<>	10-1750	Steel Roof Truss Lifting (FM 1)	14	14	0% 23-Mar-23	05-Apr-23	24-Jan-23 06-Feb-23	-58			
10-780 Stel Roof Trus Ground Assembly Works 30 30 07, 07-Apr.23 06-May.23 02-Mar.23 14-Mar.23 0-36 CC Equipment Structure 30 00 10-Apr.24 06-Mar.23 16-Mar.23 16-Mar.23 <td></td>											
CC Equipment Structure 30 30 16 Apr.23 6 Apr.23 16 Apr.23											
9-1720 Base Slab Construction (Module 1 @+6.5mPD) 30 30 0% 10-Apr-23 16-Apr-23 15-May-23 6 0 </td <td></td>											
India Hall Bld Struture 56 56 09 Mar;23 10 Mar;23 10 Mar;23						-					
10-1910 Slab to + 6.0 m PD 14 14 0% 09-Mar-23 24-Mar-23 11-Apr-23 24-Apr-23 33 10-1920 Colum & Wal to + 15.0 m PD 14 14 0% 08-Mar-23 19-Apr-23 08-Mar-23 09-Mar-23 33 10-1930 Beam & Slab to + 15.0 m PD 14 14 0% 06-Apr-23 19-Apr-23 09-Mar-23								33			
10-1920 Column & Wall to +15.0 mPD 14 14 14 0% 23-Mar-23 25-Apr-23 25-Apr-23 33 33 1 1 10-1930 Beam & Slab to +15.0 mPD 14 14 0% 06-Apr-23 19-Apr-23 09-May-23 25-Apr-23 33 33 1 1 1 0% 06-Apr-23 19-Apr-23 05-May-23 33 33 1 1 1 0% 06-Apr-23 12-Apr-23 05-May-23 33 33 1 1 1 0% 06-Apr-23 12-Apr-23 15-Apr-23 33 33 1 1 1 1 0% 09-Mar-23 12-Apr-23 15-Apr-23 3 3 1 1 1 1 1 1 0% 09-Mar-23 12-Apr-23 1 3 1						-					
10-1930 Beam & Slab to +15.0m PD 14 14 0% 66-Apr-23 19-Apr-23 09-Mar-23 22-Mar-23 33 1 1 1 1 0% 06-Apr-23 09-Mar-23 28-Mar-23 33 33 1 1 1 1 0% 06-Apr-23 08-Mar-23 <											
10-1940 Column & Wall to +195mPD 14 14 0% 20-Apr-23 03-May-23 23-May-23 05-Jun-23 33 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>· ·</td><td></td><td></td><td></td><td></td><td>·</td></t<>						· ·					·
Surbine Hall TBS1 09-Mar-23 12-Apr-23 12-Mar-23 15-Apr-23 3 10-2300 Ground Beam and Slab to +6.0m PD 14 14 0% 09-Mar-23 22-Mar-23 12-Mar-23 55-Mar-23 3 10-2300 Column & Wall to +15.0m PD & +23.5m PD 14 14 0% 16-Mar-23 29-Mar-23 19-Mar-23 19-Mar-23 3 0 0 0 0 0 10-230 12-Mar-24 19-Mar-23 19-Mar-23 0 10-230 3 0 0 0 0 0 0 10-Arr-23 19-Mar-23 0 10-Arr-23 3 0 0 0 0 0 2-Apr-23 10-Mar-23 0 0 0 0 0 0 0 0 0 2-Apr-23 10 0						· · ·					
10-2310 Columa & Wall to +15.0mPD & +23.5mPD 14							· · ·				
10-2320 Beam & Slab to +28.0m PD 14 14 0% 30-Mar-23 12-Apr-23 15-Apr-23 3 3 1 1 1 0% 30-Mar-23 12-Apr-23 12-Apr-23 13-Mar-23 12-Apr-23 4 1 <	10-2300	Ground Beam and Slab to +6.0mPD		14	0% 09-Mar-23	22-Mar-23		3			
STG Foundation (PC)313109-Mar-2308-Apr-2313-Mar-2312-Apr-23410-1990-1(M58)STG Foundation construction and install anchor bolts @+9.521210%09-Mar-2329-Mar-2313-Mar-2302-Apr-23410-1990-2(M58)STG Foundation construction and install anchor bolts @+10.7710100%30-Mar-2308-Apr-2303-Apr-2312-Apr-234occess Equipment Installation25725731-Jan-2315-Oct-2325-Dec-2213-Feb-24122occess Buildings - Waste Bunker & Tipping Hall Bid Process Equipment Installation25725731-Jan-2315-Oct-2327-Mar-2313-Feb-24122opting and Instrument - Installation and Connection Works25725731-Jan-2315-Oct-2327-Mar-2313-Feb-24122Process Building - Vaste Bunker & Tipping Hall Bid Process Equipment Installation25725731-Jan-2315-Oct-2327-Mar-2313-Feb-24122Iping and Instrument - Installation and Connection Works25725725721-Jan-2315-Oct-2327-Mar-2313-Feb-24122Process Building (Mot-14)1801800%31-Jan-2319-Jul-2319-Jul-2416931-Jan-2412-3000(6F)Embeded Piping Installation1800%31-Jan-2329-Jul-2319-Jul-2416931-Jan-2412-3000(6F)Embeded Piping Installation1800%31-Jan-2329-Jul-2319-Jul-2416931-Jan-24 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>· · · ·</td> <td>-</td> <td></td> <td></td> <td></td>							· · · ·	-			
10-1990-1(M58) STG Foundation construction and install anchor bolts @ +9.5 21 21 0% 09-Mar-23 29-Mar-23 13-Mar-23 02-Apr-23 4 10-1990-2(M58) STG Foundation construction and install anchor bolts @ +10.77 10 10 0% 30-Mar-23 03-Apr-23 12-Apr-23 4								-			
10-1990-2(M58) STG Foundation construction and install anchor bolts @ +10.77 10 10 0% 30-Mar-23 08-Apr-23 12-Apr-23 4 12-Apr-23 12-Apr-23 <td></td>											
Cocess Buildings - Waste Bunker & Tipping Hall Bld Process Equipment Installation 257 257 31-Jan-23 15-Oct-23 27-Mar-23 13-Feb-24 122 ping and Instrument Installation and Connection Works 257 257 31-Jan-23 15-Oct-23 27-Mar-23 13-Feb-24 122 process Building (Module 1) 180 180 31-Jan-23 19-Jul-23 19-Jul-23 14-Jan-24 169 12-3000(6F) Embeded Piping Installation 180 0% 31-Jan-23 29-Jul-23 19-Jul-23 14-Jan-24 169 31-Jan-24 169 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>· · ·</td> <td></td> <td></td> <td></td> <td></td>							· · ·				
occss Buildings - Waste Bunker & Tipping Hall Bid Process Equipment Installation 257 31-Jan-23 15-Oct-23 27-Mar-23 13-Feb-24 122 iping and Instrument Installation and Connection Works 257 257 31-Jan-23 15-Oct-23 27-Mar-23 13-Feb-24 122 Process Building (Module 1) 180 31-Jan-23 15-Oct-23 27-Mar-23 13-Feb-24 122 12-3000(6F) Embeded Piping Installation 180 0% 31-Jan-23 29-Jul-23 19-Jul-23 14-Jan-24 169	ocess Equipme	ent Installation	257	257	31-Jan-23	15-Oct-23	25-Dec-22 13-Feb-24	122			
Process Building (Module 1) 180 31-Jan-23 29-Jul-23 19-Jul-23 14-Jan-24 169 12-3000(6F) Embeded Piping Installation 180 180 0% 31-Jan-23 29-Jul-23 19-Jul-23 14-Jan-24 169	ocess Buildings	- Waste Bunker & Tipping Hall Bld Process Equipment Installation	257	257	31-Jan-23	15-Oct-23					
12-3000(6F) Embeded Piping Installation 180 180 0% 31-Jan-23 29-Jul-23 19-Jul-23 14-Jan-24 169 31-Jan-23											
										31_ lan_??	
										51-5a11-23	
12-3040(6F) Embeded Piping Installation 180 180 0% 08-Mar-23 04-Sep-23 18-Aug-23 13-Feb-24 163											
Process Building (Module 3) 180 180 04-Apr-23 01-Oct-23 18-Aug-23 13-Feb-24 136											
12-3080(6F) Embeded Piping Installation 180 180 0% 04-Apr-23 01-Oct-23 18-Aug-23 13-Feb-24 136	12-3080(6F)	Embeded Piping Installation	180	180	0% 04-Apr-23	01-Oct-23	18-Aug-23 13-Feb-24	136			

2023 Mar 63 64 07-Feb-23, Pile Load Test Compaction, Leveling & Testing, 05-Feb-23, 05-Feb-23, Compact	Apr 65
07-Feb-23, Pile Load Test	
Compaction, Leveling & Testing, 05-Feb-23, 05-Feb-23, Compact	
Compaction, Leveling & Testing, 05-Feb-23, 05-Feb-23, Compact	
	on, Leveling & Testin
09-Feb-23, Beam & Slab to +2.5mPD, Beam & Slab to +2.5r	nPD 09-Feb-23
3 02-Mar-23, Column & Wall to +6.0mPl	
	n & Slab to +6.0mPD
24-Mar-23	13-Apr-23, Col
14-Apr-	
14-Apr-	23
08-Mar-23 29-Mar-23	, Beam & Slab to +2.
29-Mar-23	19-Apr-2
19	Apr-23
04-Apr-23	18-Apr-23
18-	Apr-23
22-Mar-23 05-	Apr-23, Slab to +2.0
22-Mar-23	12-Apr-23, Slab
12-Apr-23	
	23, Roof Cladding Ins
17-Feb-23, Steel Roof Truss Lifting (BM2), Steel Roo	of Truss Lifting (BM2)
01-Apr-23	
Feb-23 17-Mar-23, Erection of	Mega Columns (2no
	0.00
8-Feb-23 26-Feb-23, Erection of Mega Columns (2nd	
28-Feb-23 26-Feb-23, Steel Roof Truss Ground Asser 23-Mar-23 23-Mar-23	Apr-23, Steel Roof
20-10/01-20	
07-Apr-23 💻	
07-Apr-23 07-Apr-23	
07-Apr-23	
07-Apr-23	
07-Apr-23	
07-Apr-23 10-Apr-23 09-Mar-23 22-Mar-23, Slab 1	o +6.0mPD
07-Apr-23 10-Apr-23 09-Mar-23 22-Mar-23, Slab 1	o +6.0mPD Apr-23, Column & V
07-Apr-23 10-Apr-23 09-Mar-23 22-Mar-23, Slab 23-Mar-23 06-Apr-23	o +6.0mPD Apr-23, Column & V
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 2 2	o +6.0m PD Apr-23, Column & V 19-Apr-23
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 0 0 0 0 0 0 0 0 0 0 0 0 0	o +6.0m PD Apr-23, Column & V 19-Apr-23)-Apr-23 d Beam and Slab to
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2-Mar-23, Grour 2 09-Mar-23 29-Mar-23	o +6.0m PD Apr-23, Column & V 19-Apr-23 -Apr-23 d Beam and Slab to , Column & Wall to -
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 0 0 0 0 0 0 0 0 0 0 0 0 0	o +6.0m PD Apr-23, Column & V 19-Apr-23 -Apr-23 d Beam and Slab to , Column & Wall to -
07-Apr-23 10:Apr-23 09-Mar-23 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 2 06-Apr-23 2 05- 06-Apr-23 2 2 09-Mar-23 2 05- 06-Apr-23 2 05- 05- 05- 05- 05- 05- 05- 05-	o +6.0m PD Apr-23, Column & V 19-Apr-23 -Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Bear
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 09-Mar-23 29-Mar-23 30-Mar-23 29-Mar-23 30-Mar-23 29-Mar-23 30-Mar-23	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 2 09-Mar-23 2 09-Mar-23 2 09-Mar-23 29-Ma	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 09-Mar-23 29-Mar-23 30-Mar-23 29-Mar-23 30-Mar-23 29-Mar-23 30-Mar-23	o +6.0m PD Apr-23, Column & V 19-Apr-23
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 09-Mar-23 22-Mar-23, Grour 16-Mar-23 29-Mar-22 30-Mar-23 99-Mar-23 09-Mar-23 09-Mar-23 09-Mar-23	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 06-Apr-23 09-Mar-23 22-Mar-23, Grour 16-Mar-23 29-Mar-22 30-Mar-23 99-Mar-23 09-Mar-23 09-Mar-23 09-Mar-23	o +6.0m PD Apr-23, Column & W 19-Apr-2 0-Apr-23 d Beam and Slab to 1, Column & Wall to 4 12-Apr-23, Bear 12-Apr-23, Bear
07-Apr-23 10:Apr-23 09-Mar-23 22-Mar-23, Slab 1 23-Mar-23 22-Mar-23, Slab 1 23-Mar-23 22-Mar-23, Grour 09-Mar-23 22-Mar-23, Grour 16-Mar-23 29-Mar-22 30-Mar-23 29-Mar-22 30-Mar-23 29-Mar-22 30-Mar-23 29-Mar-22 30-Mar-23 29-Mar-22	o +6.0mPD Apr-23, Column & V 19-Apr-2 o-Apr-23 d Beam and Slab to , Column & Wall to 12-Apr-23, Beau , STG Foundation co

Activity Name	Original Duration	Remaining Duration	Activity % Complete	Current Start	Current Finish	Late Start	Late Finish	Total Float M62 Remarks	Jan
Process Building (WWTP)	237	237		20-Feb-23	15-Oct-23	27-Mar-23	19-Nov-23	36	62
12-3120(6F) Delivery of Embeded Piping above +2 to +10mPd	0	0	0%		20-Feb-23	27 1102 20	27-Mar-23	36	
12-3160(6F) Piping Installation Works	180	180	0%	18-Apr-23	15-Oct-23	24-May-23	19-Nov-23	36	
Process Buildings - Boiler House & Flue Gas Treatment Bld Process Equipment Installation	155	155		21-Feb-23	25-Jul-23	25-Dec-22	15-Nov-23	113	
Process Building (Installation TPU Module)	155	155		21-Feb-23	25-Jul-23	25-Dec-22	15-Nov-23	113	
TPU Train 1	126	126		21-Feb-23	26-Jun-23	25-Dec-22	15-Nov-23	142	
13-1030 Delivery, inspection and Transport Boiler Train to Position by SPMT (TPU Train 1)	6	6	0%	21-Feb-23	26-Feb-23	25-Dec-22	30-Dec-22	-58	21-F
a 13-1040 Boiler Condition Check and Repair	70	70	0%	27-Feb-23	07-May-23	19-May-23	27-Jul-23	81	
a 13-1050 Remaining Equipment Installation at GL	120	120	0%	27-Feb-23	26-Jun-23	19-Jul-23	15-Nov-23	142	
TPU Train 2	126	126		22-Mar-23	25-Jul-23	31-Dec-22	15-Nov-23	113	
13-1120 Delivery, inspection and Transport Boiler Train to Position by SPMT (TPU Train 2)	6	6	0%	22-Mar-23	27-Mar-23	31-Dec-22	05-Jan-23	-81	
a 13-1130 Boiler Condition Check and Repair	70	70	0%	28-Mar-23	05-Jun-23	08-Aug-23	16-Oct-23	133	
a 13-1140 Remaining Equipment Installation at GL	120	120	0%	28-Mar-23	25-Jul-23	19-Jul-23	15-Nov-23	113	
Process Building (Installation of Flue Gas Module)	6	6		29-Apr-23	04-May-23	07-Feb-23	12-Feb-23	-81	
FGC Train 1	6	6		29-Apr-23	04-May-23	07-Feb-23	12-Feb-23	-81	
a 13-1570 Delivery, inspection and Transport Flue Gas Train to Position by SPMT (FGC Train 1)	6	6	0%	29-Apr-23	04-May-23	07-Feb-23	12-Feb-23	-81	
Turbine Hall Bld Equipment Installation	61	61		16-Apr-23	15-Jun-23	19-Apr-23	18-Jun-23	3	
Turbine Hall Module 1 Installation	61	61		16-Apr-23	15-Jun-23	19-Apr-23	18-Jun-23	3	
13-2120 STG and TBS Module 1 Installation	60	60	0%	17-Apr-23	15-Jun-23	20-Apr-23	18-Jun-23	3	
13-2160(6) Install Maintenance Girder & Crane at Module 1 @+22.247mPd	30	30	0%	16-Apr-23	15-May-23	19-Apr-23	18-May-23	3	
Landscape, External Road and Drains Works	329	145		28-Apr-22 A	24-Jun-23	13-May-23	11-Apr-24	292	
Drainage Works	60	60		26-Apr-23	24-Jun-23	12-Feb-24	11-Apr-24	292	
Box Culvert	60	60		26-Apr-23	24-Jun-23	12-Feb-24	11-Apr-24	292	
West Culvert (2.5m x 2.5m x 102m)	60	60		26-Apr-23	24-Jun-23	12-Feb-24	11-Apr-24	292	
14-3000 Excavation to Formation	60	60	0%	26-Apr-23	24-Jun-23	12-Feb-24	11-Apr-24	292	
Earthing System	180	60		28-Apr-22 A	31-Mar-23	13-May-23	11-Jul-23	102	
16-1900-2(6) Installation of Ground Earthing Mesh	180	60	66.67%	28-Apr-22 A	31-Mar-23	13-May-23	11-Jul-23	102	

Critical Remaining Work	3-Month Rolling Programme (January 2023) Page 18 of 18		Remaining WorkActual Work	◆◆	Actual MilestoneCritical Milestone
		▲	 Critical Remaining Worl Milestone 	k	

ct No. EP/ Facilities,	Phase 1	镜保護署 ivironmental Protection Department
	2023	
Feb	Mar	Apr
63	64	65
◆ Delive	ery of Embeded Piping above +2 to	0:+10mPd, 18-Apr-23
21-Feb-23	26-Feb-23, Delivery, inspection a	and Transport Boiler Train to Pos
27-Feb-23		
	22-Mar-23 2	7-Mar-23, Delivery, inspection a
	28-Mar-23 🔲	· j
	28-Mar-23 🗖	1
		1
		29-Apr-23
		29-Api-23
		29-Api-23
		17-Арг-23
		17-Apr-23
		17-Apr-23

Appendix B Summary of Implementation Status of Environmental Mitigation

Appendix B

Table B.1	Implementation Schedule for Air Quality Measures for the IWMF at the artificial island near SKC
	implementation Schedule for All Quality measures for the IWMF at the artificial Island hear SKC

				Imple	ementa	ation S	tages*	Relevant	Implementation
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Status and Remarks
S3b.8.1	 <u>Air Pollution Control (Construction Dust)</u> <u>Regulation & Good Site Practices</u> Use of regular watering, with complete coverage, to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather. Use of frequent watering for particularly dusty construction areas and areas close to ASRs. Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines. Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs. Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. Establishment and use of vehicle wheel and body washing facilities at the exit points of the site. Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading 	Work site / During the construction period	Contractor					Air Pollution Control (Construction Dust) Regulation	Implemented N/A for dust control measures for transportation outside site boundary

Keppel Seghers – Zhen Hua Joint Venture

				Imple	ementa	ation S	stages*	Relevant	Implementation
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Status and Remarks
	 points, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. Imposition of speed controls for vehicles on unpaved site roads. Ten kilometers per hour is the recommended limit. Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise. 								
S3b.6.3	 Odour Removal by Deodorizers Deodorizers with 95% odour removal efficiency would be installed for the air ventilated from the mechanical treatment plant before discharge to the atmosphere 	Waste reception halls, the waste storage area, the mechanical treatment plant / During design & operation phase	IWMF Operator	~		✓		EIAO-TM	N/A
S3b.8.2	Air Pollution Control and Stack Monitoring	IWMF stack emissions / During	IWMF Operator	✓		~		EIAO-TM, Supporting Document for	N/A

Keppel Seghers – Zhen Hua Joint Venture

	Environmental Protection	Location / Timing	Implementation Agent	Implementation Stage			tages*	Relevant	Implementation
EIA Ref	Measures / Mitigation Measures			Des	С	ο	Dec	Legislation and Guidelines	Status and Remarks
	 Air pollution control and stack monitoring system will be installed for the IWMF to ensure that the emissions from the IWMF stack will meet the proposed target emission limits. Voluntary Enhancement Measures in Flue Gas Cleaning and Emission Monitoring: Two-stage bag filter system with reagent recirculation; In addition to SCR, provide SNCR for removal of NOx; tighten emission limit for half-hourly and daily NOx to 160 mg/m³ and 80 mg/m₃ respectively; Well-mixed feed waste: to minimize the fluctuation of pollutant loading on the flue gas treatment system; Two more AQMSs would be set up at South Lantau and Shek Kwu Chau respectively; Limit levels will be set under the IWMF DBO contract to require that waste feed shall cease if any of the air pollutant has exceeded 95% of the emission 	design & operation phase	Agent						Remarks
	concentration limit as stipulated in the Special Process license;								

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	 Each incineration chamber shall be fitted with auxiliary burners to ensure complete burn out of the combustion gases. 								
-	 Treated Fly Ash and Air Pollution Control Residues: During testing and commissioning, the Contractor shall sample and test every container of treated fly ash and air pollution control residues for conformance to the Incineration Residue Pollution Control Limits and leachability criteria shown in Table 2 of the Environmental Permit. If a test result confirms that any one of the samples does not conform to the limits and the criteria, the Contractor shall be required to sample and test every container of treated fly ash and air pollution control residues for conformance to the Incineration Residue Pollution Control Limits and leachability criteria for the next six months. During the first six months of operation, if the requirements in (a) could be fully conformed with, the Contractor shall sample and test every shipload of treated fly ash and air pollution control residues for conformance to the Incineration Residue Pollution control Limits and leachability criteria for the next six months. 	IWMF stack emissions / During design & operation phase	IWMF Operator					Supporting Document for Application for Variation of Environmental Permit (EP- 429/2012)	N/A

				Imple	ementa	ation S	stages*	Relevant	Implementation
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Status and Remarks
	of the Environmental Permit. The								
	Contractor shall take two samples								
	from each shipload for testing and								
	the Contractor shall not dispose of								
	any of that shipload of treated fly ash								
	and air pollution control residues until								
	the test results confirm that the two								
	samples conform to the limits and the								
	criteria. If a test result confirms that								
	any one of the two samples does not								
	conform to the limits and the criteria,								
	the Contractor shall be required to								
	sample and test every shipload of								
	treated fly ash and air pollution								
	control residues for conformance to								
	the Incineration Residue Pollution								
	Control Limits and leachability								
	criteria for the next six months. The								
	Contractor shall make due allowance								
	in the Design and the Operation for								
	the time to sample and test treated fly								
	ash and air pollution control residues								
	before disposal.								
	 Provided that there is no non- 								
	conformance to the Incineration								
	Residue Pollution Control Limits and								
	leachability criteria shown in Table 2								
	of the Environmental Permit								
	throughout a continuous sixmonth								
	period in the Operation Period, the								
	testing frequency shall be reduced to								
	monthly interval. Two samples from								
	one shipload of treated fly ash and air								

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	pollution control residues shall be collected and tested for conformance to the Incineration Residue Pollution Control Limits and leachability criteria. The Contractor shall not dispose of any of the treated fly ash and air pollution control residues in the shipload which the samples are taken until the test results confirm that the samples conform to the limits and the criteria. If the test result confirm that any one of the samples does not conform to the limits and the criteria, the Contractor shall be required to sample and test every shipload of treated fly ash and air pollution control residues for conformance to the Incineration Residue Pollution Control Limits and leachability criteria shown in Table 2 of the Environmental Permit for the next six months.								
-	 Bottom Ash: During testing and commissioning, the Contractor shall sample and test every container of bottom ash for conformance to the leachability criteria shown in Table 2 of the Environmental Permit. If a test result confirms that any one of the samples does not conform to the criteria, the Contractor shall be required to sample and test every 	IWMF stack emissions / During design & operation phase	IWMF Operator	~		~		Supporting Document for Application for Variation of Environmental Permit (EP- 429/2012)	N/A

Keppel Seghers – Zhen Hua Joint Venture

				Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	container of bottom ash for								
	conformance to the leachability								
	criteria for the next six months.								
	• During the first six months of								
	operation, if the requirements in (d)								
	could be fully conformed with, the								
	Contractor shall sample and test								
	one shipload of bottom ash each								
	month for conformance to the leachability criteria shown in Table 2								
	of the Environmental Permit. The								
	Contractor shall take two samples								
	from the shipload for testing and the								
	Contractor shall not dispose of any								
	of that shipload of bottom ash until								
	the test results confirm that the two								
	samples conform to the criteria. If a								
	test result confirms that any one of								
	the two samples does not conform								
	to the criteria, the Contractor shall								
	be required to sample and test each								
	shipload of bottom ash for								
	conformance to the leachability								
	criteria for the next six months. The								
	Contractor shall make due								
	allowance in the Design and the								
	Operation for the time to sample and								
	test bottom ash before disposal.								
	 Provided that there is no non- conformance to the leasthability 								
	conformance to the leachability								
	criteria shown in Table 2 of the Environmental Permit throughout a								
	continuous six month period in the								

Keppel Seghers – Zhen Hua Joint Venture

	Environmental Protection		Implementation	Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing		Des	С	0	Dec	Legislation and Guidelines	
	Operation Period, the Contractor shall be allowed to take two samples from any one shipload of bottom ash once every six months for conformance to the leachability criteria. The Contractor shall not dispose of any of the bottom ash in the shipload which the samples are taken until the test results confirm that the samples conform to the criteria. If the test result confirm that any one of the samples does not conform to the criteria, the Contractor shall be required to sample and test one shipload of bottom ash each month for conformance to the leachability criteria shown in Table 2 of the Environmental Permit for the next six months as stipulated above.								

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Table B.2 Implementation Schedule for Noise Impact Measures for the IWMF at the artificial island near SKC

	Environmental Protection				Imple	ementa	ation S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent		Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
S4b.8	Good site practices to limit noise emissions a source and use of quiet plant and working methods, whenever practicable.		EPD and contractors	its		~			EIAO-TM	Implemented
S4b.6 & S4b.8	 All the ventilation fans installed in the below will be provided with silencers or acoustics treatment. (i) Stack of the incinerator (ii) Ventilation systems within the IWMF Enclosure and discharge silencer or other acoustic treatment equipment should be installed in the air-cooled chillers Other than provision of silencer or other acoustic treatment equipment for the stack of the incinerator and ventilation system, the detailed design should incorporate the following good practice in order to minimize the nuisance on the neighboring NSRs. (i) The exhaust of the ventilation system and any opening of the building should be located facing away from any NSRs; and (ii) Louver or other acoustic treatment equipment to the any opening of the applied to the 	Within IWMF area / Construction Period	EPD and contractors	its					EIAO-TM	N/A

Keppel Seghers – Zhen Hua Joint Venture

				ementation Stages*		Relevant	Investor totion Otatus		
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
-	 <u>Voluntary Enhancement Measure</u> Provision of air-conditioner and double glazed windows to nearby NSR at Shek Kwu Chau (i.e. SARDA) as precautionary measures. 	IWMF site	Design team, contractor, IWMF operator	•	~			Supporting Document for Application for Variation of Environmental Permit (EP- 429/2012)	Implemented

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Table B.3 Implementation Schedule for Water Quality Measures for the Artificial Island near SKC

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
S5b.8.1.1			Contractor					Guidelines EIAO-TM; ProPECC PN 1/94; WPCO	Implemented

				Imple	ement	ation S	stages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silt/sand traps should be 5 minutes under maximum flow conditions. The detailed design of the sand/silt traps shall be undertaken by the contractor prior to the commencement of construction.								
	 Water pumped out from foundation piles must be discharged into silt removal facilities. 								
	 Measures should be taken to minimize the ingress of site runoff and drainage into excavations. Drainage water pumped out from excavations should be discharged into storm drains via silt removal facilities. 								
	• During rainstorms, exposed slope/soil surfaces should be covered by a tarpaulin or other means, as far as practicable. Other measures that need to be implemented before, during and after rainstorms are summarized in ProPECC PN 1/94.								
	 Exposed soil areas should be minimized to reduce potential for increased siltation and contamination of runoff. 								

				Impl	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	• Earthwork final surfaces should be well compacted and subsequent permanent work or surface protection should be immediately performed.								
	Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms.								
S5b.8.1.2	General Construction Activities Construction solid waste should be collected, handled and disposed of properly to avoid entering to the nearby watercourses and public drainage system. Rubbish and litter from construction sites should also be collected to prevent spreading of rubbish and litter from the site area.	Work site / During the construction period	Contractor		~			EIAO-TM; ProPECC PN 1/94; WPCO	Implemented
	It is recommended to clean the construction sites on a regular basis.								

Keppel Seghers – Zhen Hua Joint Venture

				Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
S5b.8.1.3	There is a need to apply to EPD for a discharge license for discharge of effluent from the construction site under the WPCO. The discharge quality must meet the requirements specified in the discharge license. All the run-off and wastewater generated from the works areas should be treated so that it satisfies all the standards listed in the TM-DSS. The beneficial uses of the treated effluent for other on-site activities such as dust suppression and general cleaning etc., can minimize water consumption and reduce the effluent discharge volume. If monitoring of the treated effluent quality from the works areas is required during the construction phase of the Project, the monitoring should be carried out in accordance with the relevant WPCO license which is under the ambit of regional office of EPD.	construction	Contractor					EIAO-TM; ProPECC PN 1/94; WPCO	Implemented Discharge License was issued on 15/02/2022
S5b.8.1.4	Accidental Spillage Contractor must register as a chemical waste producer if chemical wastes would be produced from construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Work site / During the construction period	Contractor		V			EIAO-TM; ProPECC PN 1/94; WPCO; WDO	Deficiency of Mitigation Measures but rectified by the Contractor
S5b.8.1.5		During the construction	Contractor		✓			EIAO-TM; ProPECC PN 1/94; WPCO; WDO	Implemented

Acuity Sustainability Consulting Limited

Keppel Seghers – Zhen Hua Joint Venture

				Impl	ementa	ation St	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	appropriately equipped to control these discharges.								
S5b.8.1.6	Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal.	During the construction	Contractor		~				Deficiency of Mitigation Measures but rectified by the Contractor
S5b.8.1.7	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows:		Contractor						Deficiency of Mitigation Measures but rectified by the Contractor
	 Suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport. Chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents. Storage area should be selected at a safe location on site and adequate space should be allocated to the storage area. 								

EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant	
				Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
S5b.8.1.8	Sewage Effluent Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. A licensed contractor would be responsible. For appropriate disposal and maintenance of these facilities.	Work site / During the construction period	Contractor		 Image: A start of the start of			EIAO-TM; ProPECC PN 1/94; WPCO	Implemented
S5b.8.1.9		period	Contractor					EIAO-TM; WPCO, Supporting Document for Application for Variation of Environmental Permit (EP- 429/2012) Further Environmental Permit No. FEP- 01/429/2012/A	N/A

EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple	emen	tation S	tages*	Relevant Legislation and Guidelines	Implementation Status and Remarks
				Des	С	0	Dec		
	of the North Western seawall, away from the identified coral communities and will be shielded by silt curtains systems to control sediment plume dispersion.								
	• The silt curtain system at marine access opening should be closed as soon as the barges passes through the marine access opening in order to minimize the period of curtain opening. Filling should only be carried out behind the silt curtain when the silt curtain is completely closed.								
	• To enhance the effectiveness of the silt curtain at the marine access, the northern breakwater would be built before the commencement of the reclamation to reduce the current velocity towards the marine access opening.								
	• The silt curtain system at marine access opening should be regularly checked and maintained to ensure proper functioning.								
	• Where public fill is proposed for filling below +2.5mPD, the fine content in the public fill will be controlled to 25% which is in line with the CEDD's General Specification;								
	• The filling for reclamation should be carried out behind the seawall. The filling material should only consist of public fill, rock and sand. The filling composition and filling rates at each filling area should follow those delineated in Table 1 of the FEP-01/429/2012/. The filling above high watermark is not restricted;								

Acuity Sustainability Consulting Limited

EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant	
				Des	С	Ο	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 No dredging should be carried out within 16m to the nearest non-translocatable coral community; 								
	• Daily site audit including full-time on-site monitoring by the ET is recommended during the dredging for anti-scouring protection layer for checking the compliance with the permitted no. of grab;								
	 Closed grab dredger should be used to minimize the loss of sediment during the raising of the loaded grabs through the water column; 								
	 Frame-type silt curtains should be deployed around the dredging operations; 								
	 Floating-type silt curtains should be used to surround the circular cell during the sheetpiling work; 								
	 The descent speed of grabs should be controlled to minimize the seabed impact speed; 								
	 Barges should be loaded carefully to avoid splashing of material; 								
	 All barges used for the transport of dredged materials should be fitted with tight bottom seals in order to prevent leakage of material during loading and transport; 								
	 All barges should be filled to a level which ensures that material does not spill over during loading and transport to the disposal site and that adequate freeboard is 								

				Imple	ementa	tion S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	maintained to ensure that the decks are not washed by wave action.								
	• No DCM works should be carried out within 100m to the nearest non-translocatable coral colony / colonies.								
	• Silt curtains should be employed to enclose DCM field trial and any full scale DCM work to minimize the potential impacts on water aspect.								
	• A sand blanket is to be placed on top of the marine deposit using tremie pipes prior to the DCM ground treatment to avoid seabed sediment disturbance.								
S5b.8.2.3	<u>Operational Phase Discharges</u> A pipeline drainage system will serve the development area collecting surface runoff from paved areas, roof, etc. Sustainable drainage principle would be adopted in the drainage system design to minimize peak surface runoff, maximize permeable surface and maximize beneficial use of rainwater.	Within IWMF site / During the operational phase	IWMF Operator	~		~		WPCO	N/A
S5b.8.2.4	Oil interceptors should be provided in the drainage system of any potentially contaminated areas (such as truck parking area and maintenance workshop) and regularly cleaned to prevent the release of oil products into the storm water drainage system in case of accidental spillages. Accidental spillage should be cleaned up as soon as practicable and all waste oils and fuels should be collected and handled in	Within IWMF site / During the operational phase	IWMF Operator	✓ 		V		WPCO; WDO	N/A

				Imple	ementa	ation S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	Ο	Dec	Legislation and Guidelines	Implementation Status and Remarks
	compliance with the Waste Disposal Ordinance.								
S5b.8.2.5	<u>Refuse Entrapment</u> Collection and removal of floating refuse should be performed at regular intervals for keeping the water within the Project site boundary and the neighboring water free from rubbish.	Within the Project site / During the operational phase	IWMF Operator			~		WPCO	N/A
S5b.8.2.6		Transportat ion of Incineration Ash / During the operational phase	IWMF Operator						N/A

* Des - Design, C - Construction, O - Operation, and Dec - Decommissioning

Table B.4 Implementation Schedule for Waste Management Measures for the IWMF at the artificial island near SKC

						ation S		Relevant	and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
6b.5.1.2	 <u>Good Site Practices</u> Adverse environmental impacts in relation to waste management are not expected, provided that good site practices are strictly followed. Recommendations for good site practices during the construction activities would include: Obtain relevant waste disposal permits from appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354) and subsidiary Regulations and the Land (Miscellaneous Provisions) Ordinance (Cap. 28); Provide staff training for proper waste management and chemical handling procedures; Provide sufficient waste disposal points and regular waste collection; Provide appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; and Carry out regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; Separate chemical wastes for special handling and disposed of to licensed facility for treatment; and Employ licensed waste collector to collect waste. 	Work Site/ During Construction Period	Contractor					ETWB TCW	Deficiency of Mitigation Measures but rectified by the Contractor

				Impl	ementa	ation S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	and Remarks
6b.5.1.3	 Waste Reduction Measures Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include: Design foundation works that could minimize the amount of excavated material to be generated. Provide training to workers on the importance of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling; Sort out demolition debris and excavated materials from demolition works to recover reusable/recyclable portions (i.e. soil, broken concrete, metal etc.); Segregate and store different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; Encourage the collection of aluminum cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the work force; 	Work Site/ During Design	Contractor						Implemented. N/A for demolition items
	 Proper storage and site practices to minimize the potential for damage or contamination of construction materials; and 								

	Environmental Protection			Imp	lement	ation Sta	iges*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Indenentation		С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 Plan and stock construction materials carefully to minimize amount of waste to be generated and to avoid unnecessary generation of waste. 								
6b.5.1.7	Dredged Sediment – Application of Dumping Permit The project proponent should agree in advance with MFC of CEDD on the site allocation. The project proponent or contractor for the dredging works shall then apply for the site allocations of marine sediment disposal based on the prior agreement with MFC/CEDD. The project proponent or contractor should also be responsible for the application of all necessary permits from relevant authorities, including the dumping permit as required under DASO from EPD, for the disposal of dredged sediment prior to the commencement of the dredging works.	Seawall and Reclamation site / Construction Period	EPD and its contractor	5 1	×			DASO ETWB TCW 34/2002	Implemented
6b.5.1.8	Dredged Sediment – Sediment Quality Report The project proponent or contractor will need to satisfy the appropriate authorities that the quality of the marine sediment to be dredged has been identified according to the requirements of ETWB TCW 34/2002. This should be completed well before the dredging works and would include at least the submission of a formal Sediment Quality Report under Tier I of ETWB TCW No. 34/2002 to DEP for approval. Subject to advice from DEP, it is possible that further marine SI in	Seawall and Reclamation site / Construction Period	EPD and its contractor	5 ✓				DASO ETWB TCW 34/2002	Implemented

				Impl	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	accordance with ETWB TCW 34/2002 might be necessary for the application of dumping permit under DASO. In such case, a sediment sampling and testing proposal shall be submitted to and approved by DEP before the additional marine SI works.								
6b.5.1.9	Dredged Sediment – Sediment <u>Transportation</u> The barge transporting the sediments to the designated disposal sites should be equipped with tight fitting seals to prevent leakage and should not be filled to a level that would cause overflow of materials or laden water during loading or transportation. In addition, monitoring of the barge loading shall be conducted to ensure that loss of material does not take place during transportation. Transport barges or vessels shall be equipped with automatic self-monitoring devices as specified by the DEP.	Seawall and Reclamation site / Construction Period	EPD and its contractor		✓			DASO ETWB TCW 34/2002	Implemented
6b.5.1.10		Work Site/ During Design & Construction Period	Contractor	×	*			ETWB TCW No. 19/2005	Implemented

				Impl	ementa	ation S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	(EMP), should be prepared in accordance with ETWB TCW No.19/2005;								
	 A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be adopted for easy tracking; and 								
	• In order to monitor the disposal of C&D materials at public filling facilities and landfills and to control fly-tipping, a trip-ticket system should be adopted (refer to <i>ETWB TCW No. 31/2004</i>).								
6b.5.1.1 1 – 6b.5.1.12	The Contactor should prepare and implement an EMP in accordance with	During Design & Construction	Contractor	×	×			ETWB TCW No. 19/2005	Implemented

Keppel Seghers – Zhen Hua Joint Venture

				Imple	ementa	ation S	stages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	All surplus C&D materials arising from or in connection with construction works should become the property of the Contractor when it is removed unless otherwise stated. The Contractor would be responsible for devising a system to work for on-site sorting of C&D materials and promptly removing all sorted and process materials arising from the construction activities to minimize temporary stockpiling on-site. The system should be included in the EMP identifying the source of generation, estimated quantity, arrangement for on-site sorting, collection, temporary storage areas and frequency of collection by recycling Contractors or frequency of removal off-site.								
6b.5.1.13		Work Site/ During Construction Period	Contractor		*			Waste Disposal (Chemical Waste) (General) Regulation	Implemented.

				Impl	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	licensed collector to transport and dispose of the chemical wastes, to either the Chemical Waste Treatment Centre at Tsing Yi, or another licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.								
6b.5.1.14	<u>General Refuse</u> General refuse should be stored in enclosed bins or compaction units separate from C&D materials. A licensed waste collector should be employed by the Contractor to remove general refuse from the site, separately from C&D materials. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	Work Site/ During Construction Period	Contractor		•				Deficiency of Mitigation Measures but rectified by the Contractor
6b.5.1.1 6 – 6b.5.1.33	 <u>Biogas Generation</u> The Contractor shall review the data and analysis results, and the data from further Site Investigation, if any. Subject to the review findings, the following gas protection measures may be considered if necessary: gas monitoring after reclamation; passive ventilation; gas impermeable membrane; ventilation with "at risk" rooms; protection of utilities or below ground services; 	Reclamation site (if dredging at the reclamation site is not required) / Design & Construction Period	Designer and/or contractor	✓	✓			EPD/TR8/97	N/A

				Implemer	tation §	Stages*	Relevant
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des C	0	Dec	Legislation Implementation Status and and Remarks Guidelines
6b.5.2.1	 precautions during construction works; precautions prior to entry of belowground services <u>Good Site Practices</u> 	IWMF Site/During	IWMF Operator		✓		Waste Disposal N/A Ordinance
	 It is recommended that the following good operational practices should be adopted to minimise waste management impacts: Obtain the necessary waste disposal permits from the appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354) and Waste Disposal (Chemical Waste) (General) Regulation; Nomination of an approved person to be responsible for good site practice, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site; Use of a waste haulier licensed to collect specific category of waste; A trip-ticket system should be included as one of the contractual requirements and implemented by the Environmental Team to monitor the disposal of solid wastes at landfills, and to control fly tipping. Reference should be made to ETWB TCW No. 31/2004. 	Operation Period					(Cap.354); Waste Disposal (Chemical Waste) (General) Regulation; ETWB TCW No. 1/2004

Keppel Seghers – Zhen Hua Joint Venture

				Impler	nenta	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	 Training of site personnel in proper waste management and chemical waste handling procedures; Separation of chemical wastes for special handling and appropriate treatment at a licensed facility; Routine cleaning and maintenance programme for drainage systems, sumps and oil interceptors; Provision of sufficient waste disposal points and regular collection for disposal; Adoption of appropriate measures to minimize windblown litter and dust during transportation of waste, such as covering trucks or transporting wastes in enclosed containers; and Implementation of a recording system for the amount of wastes generated, and disposed of (including recycled the disposal sites). 								
6b.5.2.2	 Waste Reduction Measures Good management and control can prevent the generation of significant amounts of waste. It is recommended that the following good operational practices should be adopted to ensure waste reduction: Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; 	IWMF Site/ During Operation Period	IWMF Operator			V			Implemented

				Imple	ementa	ation S ^e	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 Encourage collection of aluminum cans, plastic bottles and packaging material (e.g. carton boxes) and office paper by individual collectors. Separate labelled bins should be provided to help segregate this waste from other general refuse generated by the work force; and Any unused chemicals or those with remaining functional capacity should be reused as far as practicable. 								
6b.5.2.3	Storage, Handling, Treatment, Collection and Disposal of Incineration By-Products The following measures are recommended for the storage, handling and collection of the incineration by- products:	IWMF Site/ During Operation Period	IWMF Operator			~		Incineration Residue Pollution Control Limits	N/A
	 Ash should be stored in storage silos; Ash should be handled and conveyed in closed systems fully segregated from the ambient environment; 								
	 Ash should be wetted with water to control fugitive dust, where necessary; 								
	 All fly ash and APC residues should be treated, e.g. by cement solidification or chemical stabilization, for compliance with the proposed Incineration Residue Pollution Control Limits and leachability criteria prior to disposal; 								

				Impl	ementa	ation S	tages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 The ash should be transported in covered trucks or containers to the designated landfill site. The Contractor should provide EPD with 								
	chemical analysis results of the bottom ash, and treated fly ash and APC residues to confirm that the ash/residue can comply with the proposed Incineration Residue Pollution Control Limits before disposal.								
6b.6.3.1	 Fuel Oil Tank Construction and Test The fuel tank to be installed should be of specified durability. Double skin tanks are preferred. Underground fuel storage tank should be placed within a concrete pit. The concrete pit shall be accessible to allow regular tank integrity tests to be carried out at regular intervals. Tank integrity tests should be conducted by an independent qualified surveyor or structural engineer. Any potential problems identified in the test should be rectified as soon as possible. 	Fuel Oil Storage Tank/ During Design, Construction and Operation Periods	IWMF Contractor	×	~	✓			N/A

				Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
6b.6.3.1	 Fuel Oil Pipeline Construction and Test Installation of aboveground fuel oil pipelines is preferable; if underground pipelines are unavoidable, concrete lined trenches should be constructed to contain the pipelines. Double skin pipelines are preferred. 	Fuel Oil Pipelines/ During Design, Construction and Operation Periods	IWMF Contractor	~	~	~			N/A
	 Distance between the fuel oil refuelling points and the fuel oil storage tank shall be minimized. 								
	 Integrity tests for the pipelines should be conducted by an independent qualified surveyor or structural engineer at regular intervals. Any potential problems identified in the test should be rectified as soon as possible. 								
6b.6.3.1	 Fuel Oil Leakage Detection Installation of leak detection device at storage tank and pipelines. Installation and use of pressure gauges (e.g. at the two ends of a filling line) in fuel filling, which allows unexpected pressure drop or difference and sign of leakage to be detected. 	Fuel Oil Storage Tank and Pipelines/ During Design, Construction and Operation Periods	IWMF Contractor	×	✓	×			N/A
6b.6.3.1	Fuel Oil Storage Tank Refuelling	Fuel Oil Refuelling Point/	IWMF Operator			•			N/A

				Impl	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	• Storage tank refuelling (from road tanker) should only be conducted by authorized staff of the oil company using the company's standard procedures.	During Operation Period							
6b.6.3.1	Fuel Oil Spillage Response An Oil Spill Response Plan should be prepared by the operator to document the appropriate response procedures for oil spillage incidents in detail. General procedures to be taken in case of fuel oil spillage are presented below.	IWMF Site/ During Operation Period	IWMF Operator			✓			N/A
	Training								
	 Training on oil spill response actions should be given to relevant staff. The training shall cover the followings: 								
	 Tools & resources to combat oil spillage and fire, e.g. locations of oil spill handling equipment and fire fighting equipment; General methods to deal with oil spillage and fire incidents; Procedures for emergency drills in the event of oil spills and fire; and Regular drills shall be carried out. 								
	Communication								
	-Establish communication channel with the Fire Services Department (FSD) and EPD to report any oil spillage incident								

			Implementation Agent	Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing		Des	С	0	Dec	Legislation and Guidelines	
	so that necessary assistance from relevant department can be quickly sought.								
	Response Procedures								
	-Any fuel oil spillage within the IWMF site should be immediately reported to the Plant Manager with necessary details including location, source, possible cause and extent of the spillage.								
	 Plant Manager should immediately attend to the spillage and initiate any appropriate action to confine and clean up the spillage. The response procedures shall include the following: >Identify and isolate the source of spillage as soon as possible. >Contain the oil spillage and avoid infiltration into soil/ groundwater and discharge to storm water channels. >Remove the oil spillage. 								
	≻Clean up the contaminated area.								
	 If the oil spillage occurs during storage tank refuelling, the refueling operation should immediately be stopped. Recovered contaminated fuel oil and the associated material to remove the spilled oil should be considered as chemical waste. 								

	Environmental Protection			Impl	ementa	ation S	Stages*	Relevant	and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	procedures for chemical wastes are discussed in the following paragraphs.								
6b.6.3.2	 <u>Chemicals and Chemical Wastes Handling & Storage</u> Chemicals and chemical wastes should only be stored in suitable containers in purpose-built areas. The storage of chemical wastes should comply with the requirements of the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. The storage areas for chemicals and chemical wastes shall have an impermeable floor or surface. The impermeable floor/ surface shall possess the following properties: Not liable to chemically react with the materials and their containers to be stored. Able to withstand normal loading and physical damage caused by container handling The integrity and condition of the impermeable floor or surface should be inspected at regular intervals to ensure that it is satisfactorily maintained 	Chemicals and Chemical Wastes Storage Area / During Operation Period	IWMF Operator						N/A

	Environmental Protection			Implei	menta	ation S [.]	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	storage area should be bunded to contain at least 110% of the storage capacity of the largest containers or 20% of the total quantity of the chemicals/chemical wastes stored, whichever is the greater.								
	Storage containers shall be checked at regular intervals for their structural integrity and to ensure that the caps or fill points are tightly closed.								
	Chemical handling shall be conducted by trained workers under supervision.								
6b.6.3.2	<u>Chemicals and Chemical Wastes Spillage</u> <u>Response</u> A Chemicals and/ or Chemical Wastes Spillage Response Plan shall be prepared by the operator to document in detail the appropriate response procedures for chemicals or chemical wastes spillage incidents. General procedures to be undertaken in case of chemicals/ chemical waste spillages are presented below. • Training	IWMF Site/ During Operation Period	IWMF Operator			~			N/A
	 Training on spill response actions should be given to relevant staff. The training shall cover the followings: 								

				Imple	ementa	ation St	ages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	Tools & resources to handle spillage, e.g. locations of spill handling equipment;								
	General methods to deal with spillage; and								
	 Procedures for emergency drills in the event of spills. 								
	Communication								
	 Establish communication channel with FSD and EPD to report the spillage incident so that necessary assistance from relevant department can be quickly sought. 								
	Response Procedures								
	 Any spillage within the IWMF site should be reported to the Plant Manager. 								
	 Plant Manager shall attend to the spillage and initiate any appropriate actions needed to confine and clean up the spillage. The response procedures shall include the followings: 								
	Identify and isolate the source of spillage as soon as possible;								
	Contain the spillage and avoid infiltration into soil/								

				Imple	ementa	ation St	ages*	Relevant	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	groundwater and discharge to storm water channels (in case the spillage occurs at locations out of the designated storage areas);								
	Remove the spillage; the removal method/ procedures documented in the Material Safety Data Sheet (MSDS) of the chemicals spilled should be observed;								
	Clean up the contaminated area (in case the spillage occurs at locations out of the designated storage areas); and								
	The waste arising from the cleanup operation should be considered as chemical wastes.								
6b.6.3.3	Preventive Measures for Incineration By- products Handling The recommended measures listed below can minimize the potential contamination to the surrounding environment due to the incineration by-products: • Ash should be stored in storage silos; • Ash should be handled and conveyed in closed systems fully segregated	Storage, Handling & Collection of Incineration Ash at IWMF/ During Operation Period	IWMF Operator			×			N/A

				Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	 from the ambient environment; Ash should be wetted with water to control fugitive dust, where necessary; All fly ash and APC residues should be treated, e.g. by cement solidification or chemical stabilization, for compliance with the proposed Incineration Residue Pollution Control Limits and leachability criteria prior to disposal; The ash should be transported in covered trucks or containers to the 		Agent						
6b.6.3.4 -6b.6.3.6	designated landfill site.Incident RecordAfter any spillage, an incident report should be prepared by the Plant Manager. The incident report should contain details of the incident including the cause of the incident, the material spilled and estimated spillage amount, and also the response actions undertaken. The incident record should be kept carefully and able to be retrieved when necessary.The incident report should provide sufficient details for the evaluation of any environmental impacts due to the spillage and assessment of the effectiveness of measures taken.	IWMF Site/ During Operation Period	IWMF Operator			v		Guidance Manual for Use of Risk-based Remediation Goals for Contaminated Land Management and the Guidance Note for Contaminated Land and Remediation.	N/A

Keppel Seghers – Zhen Hua Joint Venture

	Environmental Protection			Impl	ement	ation S	stages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	In case any spillage or accidents results in significant land contamination, EPD should be informed immediately and the IWMF operator should be responsible for the cleanup of the affected area. The responses procedures described in Section 6b.6.3.1 and Section 6b.6.3.2 of EIA report should be followed accordingly together with the land contamination assessment and remediation guidelines stipulated in the <i>Guidance Manual for Use</i> of Risk-based Remediation Goals for Contaminated Land Management and the <i>Guidance Note for Contaminated Land and</i> Remediation.								

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
7b.8.2.1	 Measures to avoid direct loss of intertidal habitat The site boundary has been proposed to avoid direct contact with the intertidal natural rocky shore of Shek Kwu Chau. It avoids direct loss of intertidal communities and the existing natural rocky shore habitat, where Reef Egret and White-bellied Sea Eagle have been recorded within and in the vicinity of this habitat. 	IWMF site	Design team	~				EIAO-TM	N/A
7b.8.2.2	 Measures to minimise loss of coastal subtidal habitat Extensive coral colonies were recorded at the coastal hard bottom habitat at Shek Kwu Chau. To avoid and minimise the extensive direct impact on the coral colonies, the proposed reclamation area has been moved further offshore to minimise loss of subtial habitat near shore. 	IWMF site	Design team	×				EIAO-TM	N/A
7b.8.2.3	 Zero Discharge Scheme The design scheme of the Project has avoided discharge of wastewater into the marine environment. A zero discharge scheme would be adopted during the operation of the Project. An on-site wastewater treatment plant would be 	IWMF site	Design team, IWMF operator	×		×		WPCO	N/A

Table B.5 Implementation Schedule for Ecological Quality Measures for the IWMF at the artificial island near SKC

Integrated Waste Management Facilities, Phase 1

	Environmental Protection				Impl	ementa	ation S ^e	tages*	Relevant	
EIA Ref	Measures / Mitigation Measures	Location / Timing	-	Implementation Des Agent		С	ο	Dec	Legislation and Guidelines	Implementation Status and Remarks
	provided to treat the wastewater generated from the IWMF (mainly human sewage). The treated effluent would be re-used in the incineration plant and mechanical treatment plant, or for onsite washdown and landscape.									
7b.8.2.4	 Measures to avoid loss of plant species of conservation importance Landing portal construction works would not cause direct lost to the recorded individual of protected plant species, Aquilaria sinensis, at the coastal shrubland habitat at Cheung Sha. As a precautionary measure, the plant should be tagged with eye- catching tape and fenced off prior to works, in order to avoid any damage by workers. 	Cheung Sha landing portal	Design Contractor	team,	✓	~		✓	EIAO-TM	N/A
7b.8.3.1 - 7b.8.3.1 5	 Measures to minimise water quality impact Measures for water quality as recommended in Section 5b of the EIA Report should be implemented. 	Work site	Design contractor, operator	team, IWMF	~	~	~	~	EIAO-TM; ProPECC PN 1/94; WPCO	Implemented
7b.8.3.1 6 - 7b.8.3.3 0	Measures to minimise disturbance on Finless Porpoise Minimisation of Habitat Loss for Finless Porpoise	IWMF site, work site, marine traffic route	Design contractor, operator	team, IWMF	✓	~	√	•	EIAO-TM, Supporting Document for Application for Variation of the Environmental	Implemented for avoidance or construction works that may produce underwater acoustic disturbance, Vessel Travel Route implementation, training of staff; N/A for other

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ement	ation S	stages*	Relevant	have been set for the Office
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 Substantial revision has been made on the layout plan and form of the breakwater, in order to minimise the potential loss of important habitat for Finless Porpoise. The revision has greatly reduced the size of the embayment area, as well as the Project footprint. As a result, the size of habitat loss for Finless Porpoise has reduced from the original ~50 ha, down to ~31 ha. Avoidance of peak season for finless porpoise occurrence To minimise potential acoustic disturbance from construction activities on Finless Porpoise, construction works that may produce underwater acoustic disturbance should be scheduled outside the months with peak Finless Porpoise occurrence (December to May), including: sheet piling works for construction of cofferdam surrounding the reclamation area 		Agent						
	 (Phase 1); sheet piling works for construction of the shorter section of breakwater (Phase 1); 								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	 sheet piling works for construction of the remaining section of breakwater (Phase 3) and bored piling works for berth area (Phase 3) 								
	Such works should be restricted within June to November. This approach would not only avoid the peak season for Finless Porpoise occurrence, the magnitude of impacts arise from acoustic disturbance would also be minimised.								
	• Since the DCM ground treatment and the installation of precast seawalls and breakwaters should generate no underwater acoustic disturbance to Finless Porpoise, no specific mitigation measures are required.								
	Opt for quieter construction methods and plants								
	Considering the sensitivity of marine mammals to underwater acoustic disturbance, instead of the previously proposed conventional breakwater acoust acoustic previously proposed conventional breakwater acoust								
	and reclamation peripheral structure, which requires noisy piling works, the current circular cells structure for								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	 breakwater and reclamation peripheral structure is proposed. A quieter sheet piling method using vibratory hammer or hydraulic impact hammer, should be adopted for the installation of circular cells for cellular cofferdam and northern breakwater during Phase 1, and southern breakwater Phase 3; Non-percussive bore piling method would be adopted for the installation of tubular piles for the berth construction 								
	during Phase 3. <i>Monitored exclusion zones</i> • During the installation/re-								
	installation/relocation process of floating type silt curtains, in order to avoid the accidental entrance and entrapment of marine mammals within								
	the silt curtains, a monitored exclusion zone of 250 m radius from silt curtain should be implemented. The exclusion zone should be closely								
	monitored by an experienced marine mammal observer at least 30 minutes before the start of installation/re-								
	installation/relocation process. If a marine mammal is noted within the exclusion zone, all marine works should stop immediately and remain								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	exclusion zone is free from marine mammals.								
	• The experienced marine mammal observer should be well trained to detect marine mammals. Binoculars should be used to search the exclusion zone from an elevated platform with unobstructed visibility. The observer should also be independent from the project proponent and has the power to call-off construction activities.								
	 In addition, as marine mammals cannot be effectively monitored within the proposed monitored exclusion zone at night, or during adverse weather conditions (i.e. Beaufort 5 or above, visibility of 300 meters or below), marine works should be avoided under weather conditions with low visibility. 								
	Marine mammal watching plan								
	 Upon the completion of the installation/re- installation/relocation of floating type silt curtain, all marine works would be conducted within a fully enclosed environment within the silt curtain, hence exclusion zone monitoring would no longer 								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	be required. Subsequently, a marine mammal watching plan should be implemented.								
	The plan should include regular inspection of silt curtains, and visual inspection of the waters surrounded by the curtains. Special attention should be paid to Phase 2 (reclamation) where the floating type still curtain would be opened occasionally for vessel access, leaving a temporary 50 m opening. An action plan should be devised to cope with any unpredicted incidents such as the case when marine mammals are found within the waters surrounded by the silt curtains.								
	Small openings at silt curtains								
	• The openings for vessel access at the silt curtains should be as small as possible to minimise the risk of accidental entrance.								
	Adoption of regular travel route								
	 During construction and operation, captains of all vessels should adopt regular travel route, in order to minimize the chance of vessel collision with 								

Integrated Waste Management Facilities, Phase 1

EIA Ref	Environmental Protection			Imple	ement	tation S	stages*	Relevant	Implementation Status and Remarks
	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	marine mammals, which may otherwise result in damage to health or mortality. The regular travel route should avoid areas with high sighting density of Finless Porpoise as much as possible.								
	Vessel speed limit								
	• The frequent vessel traffic in the vicinity of works area may increase the chance of mammal mammals being killed or seriously injured by vessel collision. A speed limit of ten knots should be strictly enforced within areas with high density of Finless Porpoise.								
	 Passive acoustic monitoring and land- based theodolite monitoring surveys should be adopted to verify the predicted impacts and effectiveness of the proposed mitigation measures. 								
	Training of Staff								
	• Staff, including captains of vessels, should be aware of the guidelines for safe vessel operations in the presence of cetaceans during construction and operation phases. Adequate trainings should be provided								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection				Impl	mplementation Stages*		Relevant		
EIA Ref	Measures / Mitigation Measures	Location / Timing	Impleme Age		Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
7b.8.3.3 1 - 7b.8.3.3 4	Measures to minimise impact on corals Coral translocation	IWMF site	Design contractor, operator	team, IWMF	~	~	~	~	EIAO-TM	Implemented, tagged coral found missing after hitting by typhoons
	 Coral communities within and in proximity to the proposed dredging sites would be disturbed by the Project due to the dredging operations. In order to minimise direct loss of coral communities, translocation of corals that are attached to movable rocks with diameter less than 50 cm are recommended. In order to avoid disturbance to corals during the spawning period, the spawning season of corals (June to August) should be avoided; and that translocation should be carried out during the winter season (November- March). 									Re-tagging of 10 coral colonies at indirect impact site and control site were conducted in November and December 2018 respectively.
	• The REA survey results suggest that the 198 directly affected coral colonies were attached to movable rocks (less than 50 cm in diameter). It is technically feasible to translocate them to avoid direct loss.									
	 Prior to coral translocation, a more detailed baseline survey, including a coral mapping survey, is recommended to further confirm the 									

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	menta	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	exact number and location of coral colonies within the potentially affected area. A more detailed coral translocation plan, including selection of suitable recipient site, plan for coral translocation, and event / action plan for coral monitoring should be submitted upon approval of this Project, prior to commencement of construction works. Advice from relevant governmental departments (i.e. AFCD) and professionals would be sought after, in order to identify a desirable location for the relocation of coral communities. Post-translocation monitoring on the translocated corals should also be considered.								
	Coral monitoring programme								
	• A coral monitoring programme is recommended to assess any adverse and unacceptable impacts to the coral communities at the coasts of Shek Kwu Chau during construction of the Project.								
	Phasing of Works								
	 To minimize environmental impacts, the proposed phasing of construction works has been carefully designed to 								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection	Leastion /		Impl	ementa	ation S	tages*	Relevant	
EIA Ref	Measures / Mitigation Measures	Location / Timing	/ Implementation Agent		С	O Dec		Legislation and Guidelines	Implementation Status and Remarks
	reduce the amount of concurrent works, hence minimize SS elevation and the associated impacts on corals.								
7b.8.3.3 5 - 7b.8.3.4 1	 <u>Specific measures to minimize</u> <u>disturbance on breeding White-bellied</u> <u>Sea Eagle</u> Avoidance of noisy works during the breeding season of White-bellied Sea Eagle To minimize potential noise disturbance from construction activities on WBSE, noisy construction works should be scheduled outside their breeding season (December to May) to minimise potential degradation in breeding ground quality and breeding activities, including: sheet piling works for construction of cofferdam surrounding the reclamation area (Phase 1); sheet piling works for construction of the shorter section of breakwater (Phase 1); sheet piling works for construction of the remaining section of breakwater (Phase 3); and bored piling works for berth area (Phase 3). 		Design Team, Contractor, IWMF operator					EIAO-TM	Implemented

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	Opt for quieter construction methods and plants								
	 To minimise potential construction noise disturbance on WBSE, quieter construction methods and plants should be adopted. The recommended noise mitigation measures in the Noise chapter (Section 4b.8 of the EIA Report) should be implemented to minimise potential noise disturbance to acceptable levels. 								
	Restriction on vessel access near the nest of White-bellied Sea Eagle								
	• During construction and operation, in order to minimize disturbance on the existing WBSE nest, a pre-defined practical route to restrict vessel access near the nest should be adopted to keep vessels and boats as far away from the nest as possible.								
	White-bellied Sea Eagle monitoring programme								
	 A WBSE monitoring programme is recommended to assess any adverse and unacceptable impacts to the breeding activities of WBSE during construction and operation of the 								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection	Lessting (Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	 Project. Monitoring surveys for WBSE would include pre-construction phase (twice per month for duration of three months during their breeding season -between December and May, immediately before the commencement of works), construction phase, and operation phase (two years after the completion of construction works). Surveys should be conducted twice per month during their breeding season (from December to May); and once per month outside breeding season (June to November). More details on monitoring for WBSE are presented in the EM&A Manual. 								
	 Education of staff Staff, including captains of all vessels during construction and operation 								
	phases, should be aware of the ecological importance of WBSE. Awareness should be raised among staff to minimise any intentional or unintentional disturbance to the nest.								
	Minimisation of Glare Disturbance								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Im	plement	ation S	stages*	Relevant	
EIA Ref	Measures / Mitigation Measures	Agent) De	s C	Ο	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 To minimise glare disturbance on WBSE, which may cause disorientation of birds by interfering with their magnetic compass, and disruption in behavioural patterns such as reproduction, fat storage and foraging pattern, any un-necessary outdoor lighting should be avoided, and in-ward and down-ward pointing of lights should be adopted. 								
-	 <u>Construction of Seawall/Breakwaters</u> To widen the open channel between the Artificial Island and Shek Kwu Chau. To design the precast concrete seawall with environmental friendly features. 	IWMF site	Design team, contractor, IWN operator		V			Supporting Document for Application for Variation of Environmental Permit (EP- 429/2012)	N/A
7b.8.3.42	 Opt for Quieter Construction Methods and Plants Quieter construction methods and plants should be used to minimise disturbance to the nearby terrestrial habitat and the associated wildlife. 	Work site	Design team contractor, IWN operator		V	~	V	EIAO-TM	Implemented
7b.8.3.43	 Measures to minimize impacts from artificial lighting Unnecessary lighting should be avoided, and shielding of lights should be provided to minimize disturbance from light pollution on fauna groups. 	IWMF site	Design tean contractor, IWN operator		V	•		EIAO-TM	Implemented

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Impl	ementa	ation S	tages*	Relevant	Implementation Status and Remarks	
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines		
7b.8.3.4 4 - 7b.8.3.4 5	 Measures to minimize accidental spillage Regular maintenance of vessels, vehicles and equipment that may cause leakage and spillage should only be undertaken within predesignated areas, which are appropriately equipped to control the associated discharges. Oils, fuels and chemicals should be contained in suitable containers, and only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be sited on sealed areas in order to prevent spillage of fuels and solvents to the nearby watercourses. All waste oils and fuels should be collected in designated tanks prior to disposal. 	Work site	Contractor, IWMF operator		✓			EIAO-TM	Deficiency of Mitigation Measures but rectified by the Contractor.	
7b.8.3.46	 Measures to minimise sewage effluent Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site where necessary to handle sewage from the workforce. 	Work site	Contractor		~			EIAO-TM	N/A	
7b.8.3.47		Work site	Contractor		~		~	EIAO-TM	N/A	

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	
	Potential ecological impacts resulted								
	from potential degradation of water								
	quality due to unmitigated surface								
	runoff could be minimised via the								
	detailed mitigation measures in Section								
	5b.8 of the EIA Report. The following								
	presents some of the mitigation								
	measures:								
	 On-site drainage system with implemented 								
	sedimentation control facilities.								
	- Channels, earth bunds or sand bag								
	barriers should be provided on site								
	to direct storm water to silt removal								
	facilities.								
	- Provision of embankment at								
	boundaries of								
	earthworks for flood protection.								
	 Water pumped out from 								
	foundation piles must be								
	discharged into silt removal								
	facilities.								
	- During rainstorms, exposed slope/soil surfaces should be								
	covered by tarpaulin or other								
	means, as far as practicable.								
	- Exposed soil surface should be								
	minimized to reduce siltation and								
	runoff.								
	- Earthwork final surfaces should be								
	well compacted. Subsequent								
	permanent surface protection								
	should be immediately performed.								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Impl	ementa	tion S	tages*	Relevant	
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	- Open stockpiles of construction materials, and construction wastes on- site should be covered with tarpaulin or similar fabric during rainstorms.								
7b.8.3.48	 Measures to minimise impacts from general construction activities To avoid the entering of construction solid waste into the nearby habitats, construction solid waste should be collected, handled and disposed of properly to avoid entering to the nearby habitats. It is recommended to clean the construction sites on a regular basis. 	Work site	Contractor		V			EIAO-TM	Implemented
7b.8.3.49	Pest Control Good waste management practices should be adopted at the IWMF in order to minimise the risk of introduction of pest to the island: - Transportation of wastes in enclosed containers - Waste storage area should be well maintained and cleaned - Waste should only be disposed of at designated areas - Timely removal of the newly arrived waste - Removal of items that are capable of retaining water		IWMF operator			V			N/A

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Impl	ementa	ation Sta	ages*	Relevant	Implementation Status and Remarks
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	ο	Dec	Legislation and Guidelines	
	 Rapid clean up of any waste spillages Maintenance of a tidy and clean site environment Regular application of pest control Education of staff the importance of site cleanliness 								
7b.8.3.50	Control of Marine Habitat Quality during Operation Phase	IWMF site	IWMF operator			~		EIAO-TM; WPCO	N/A
	 Depending on the seabed condition of the approach channel for marine vessels during operation phase of the IWMF, maintenance dredging may be required to ensure safe access. In order to avoid degradation in water quality due to elevation in SS and dispersion of sediment plume due to dredging works, it is recommended that any future maintenance dredging works should not be carried out within 100 m from the shore, similar to that of the dredging for anti-scouring protection layer during construction phase. All maintenance dredging works should be carried out with the implementation of silt curtain to control the dispersion of SS. The production rate should comply with the permit dredging rate and number of grab per hour. 								

Integrated Waste Management Facilities, Phase 1

	Environmental Protection	Location /		Imple	ementa	ation S	tages*	Relevant		
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks	
7b.8.4. 1 – 7b.8.4. 3	 Measures <u>Compensation of loss of important habitat of Finless Porpoise</u> <i>Designation of Marine Park</i> The Project Proponent has made a firm commitment to seek to designate a marine park of approximately 700 ha in the waters between Soko Islands and Shek Kwu Chau, in accordance with the statutory process stipulated in the Marine Parks Ordinance, as a compensation measure for the habitat loss arising from the construction of the IWMF at the artificial island near SKC. The Project Proponent shall seek to complete the designation by 2018 to tie in with the operation of the IWMF at the artificial island near SKC. A further study should be carried out to review relevant previous studies and collate available information on the ecological characters of the proposed area for marine park designation; and review available survey data for Finless Porpoise, water quality, fisheries, marine traffic and planned development projects in the vicinity. 	between Shek Kwu Chau and Soko Islands	Project Proponent					Guidelines EIAO-TM	N/A	

Integrated Waste Management Facilities, Phase 1

	Environmental Protection			Impl	ementa	ation Stage	s* Relevant	
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	O De	c Legislation and Guidelines	Implementation Status and Remarks
	marine park designation should be established, and the extent and location of the proposed marine park be determined. The adequacy of enhancement measures should also be reviewed.							
	 In addition, a management plan for the proposed marine park should be proposed, covering information on the responsible departments for operation and management (O&M) of the marine park, as well as the O&M duties of each of the departments involved. Consultation with relevant government departments and stakeholders should be conducted under the study. The study should be submitted to Director of Environmental Protection (DEP) for approval before the commencement of construction works. 							
	• The Project Proponent should provide assistance to AFCD during the process of the marine park designation.							
7b.8.5. 1 – 7b.8.5. 4	Additional Enhancement or <u>Precautionary Measures</u> <i>Deployment of Artificial Reefs</i> • Deployment of artificial reefs (ARs) is	Within the proposed marine park under this study		√		×	EIAO-TM	N/A
	an enhancement measure for the							

Integrated Waste Management Facilities, Phase 1

Keppel Seghers – Zhen Hua Joint Venture

	Environmental Protection			Imple	ementa	ation S	tages*	Relevant	
EIA Ref	Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Implementation Status and Remarks
	 marine habitats. ARs are proposed to be deployed within the proposed marine park under this Project. The exact location, dimension and type of ARs to be deployed are to be further investigated along with the further study of the proposed marine park under this Project. The proposed ARs would be deployed at the same time as the complete designation of marine park. Release of Fish Fry at Artificial Reefs and Marine Park Release of fish fry at the proposed marine park under this study, should enhance the fish resources in the nearby waters, and subsequently food sources for Finless Porpoise. The proposed ARs 							Guidelines	
	with various micro-habitats would have the potential to provide shelter and nursery ground for the released fish fry.								
	The frequency and quantity of fry to be released should be agreed by AFCD.								

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

					Imple	ementa	ation S	Stages*	Relevant	Implementation	
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent		Des	Des C O		Dec	Legislation and Guidelines	Status and Remarks	
8b.8.1.2	 Measure to minimize loss of and disturbance on fisheries resources Alteration to the phasing of works, construction method, and layout plan of the IWMF at the artificial island near SKC has been made. The total fishing ground to be permanently lost due to the project has been significantly reduced from ~50 ha to ~31 ha. By adopting the current circular cells instead of the conventional seawall 	IWMF site	Design contractor	team,	V	V		×	EIAO-TM	N/A	
	construction method, SS elevation would be greatly reduced, minimizing adverse impact on the health of fisheries resources.										
8b.8.1.3	Measure to minimize impingement and entrainment	IWMF site	Design contractor, operator	team, IWMF	√	~	~		EIAO-TM	N/A	
	• Provision of a screen at the water intake point for desalination plant would be essential to minimize the risk of impingement and entrainment of fisheries resources (including fish, larvae and egg) through the intake point.										

Table B.6 Implementation Schedule for Fisheries Measures for the IWMF at the artificial island near SKC

						Imple	ement	ation S	Stages*	Relevant	Implementation Status and Remarks
EIA Ref	Environmental Protection Measures / Mitigation Measures		ation / ming	Implemer Age		Des	С	0	Dec	Legislation and Guidelines	
8b.8.1.4- 8b.8.1.6	 Measures to control water quality No wastewater effluent, anti-fouling agent, heavy metals and other contaminants would be released during operation phase of the Project. 	Work site	site, IWMF	Design contractor, operator	team, IWMF	~	•	✓	V	EIAO-TM	Implemented
	Mitigation measures recommended in the water quality impact assessment during construction and operation would serve to protect fisheries resources from indirect impacts resulted from the Project										
8b.8.1.7 8b.8.1.8	 <u>Additional Enhancement / Precautionary</u> <u>Measures</u> Artificial Reefs (ARs) are proposed to be deployed within the proposed marine park under this Project as an enhancement measure for the marine habitats. This enhancement feature would bring positive impacts to the previously identified important spawning and nursery ground for fisheries resources. <i>Release of Fish Fry at Artificial Reefs</i> Release of fish fry has been proposed under this Project. The proposed deployment of ARs within the proposed marine park would provide shelter and nursery ground for the released fish fry. The frequency and quantity of fry to be released should be agreed by AFCD. 	betwee Islands Shek Chau	ed park waters en Soko	Project Pro	ponent	 				EIAO-TM	N/A

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Table B.7	Implementation Schedule for Landscape and	d Visual Measure	es for the IWMF at th	e artific	cial isl	and ne	ear SKC		
				Imple	ementa	ation S	Stages*	Relevant	Implementation
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Status and Remarks
S10b.10 MLVC- 01	Grass-hydroseeded bare soil surface and stock pile area	Work site / During construction phase	Contractor		•				N/A
S10b.10 MLVC-02	 Landscape Design 1) Early planting using fast grow trees and tall shrubs at strategic locations within site as buffer to block view corridors to the site from the VSRs, and to locally screen haul roads, excavation works and site preparation works. 	phases	Contractor	✓ ✓	•				N/A
	2) Use of tree species of dense tree crown to serve as visual barrier.								
	 Hard and soft landscape treatment (e.g. trees and shrubs) of open areas within development to provide a background for the outdoor containers from open view, shade and shelter, and a green appearance from surrounding viewpoints. 								
	4) Planting strip along the periphery of the project site.								
	5) Selected tree species suitable for the coastal condition.								

Table B.7 Implementation Schedule for Landscape and Visual Measures for the IWMF at the artificial island near SKC

				Implemer	tation S	Stages*	Relevant	Implementation
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des C	0	Dec	Legislation and Guidelines	Status and Remarks
S10b.10 MLVC-03	 <u>Adoption of Natural Features of the Existing</u> <u>Shoreline</u> 1) Use of boulders in different sizes and with the similar textures of the existing rocky shores for the construction of breakwater and artificial shoreline in order to blend into the existing natural shoreline. 	Work site / During construction phase	Contractor					N/A
	2) Use of cellular cofferdam together with the natural boulders to form a curvature shoreline for the reclamation area to echo with the natural shoreline of SKC.							
S10b.10 MLVC-04	 <u>Greening Design (Rooftop & Vertical Greening)</u> 1) Implementation of rooftop and vertical greening (vertical building envelope) along the periphery of each building block to increase the amenity value of the work, moderate temperature extremes and enhance building energy performance. The greening appearance of the building shall enhance its visual harmony with the natural surroundings as well as reduce the apparent visual mass of the structure. 	Work site / During design & construction phases	Contractor					N/A
	 Sufficient space between concrete enclosure and stack to minimize heat transfer. 							
	3) Introduction of landscape decks at the stack to further enhance the overall natural and green concept unique for this site.							

				Imple	ementa	ation S	tages*	Relevant	Implementation			
EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	С	0	Dec	Legislation and Guidelines	Status and Remarks			
S10b.10 MVC-01	Visual Mitigation and Aesthetic Design	Structures in IWMF /	Contractor	~	✓				N/A			
MVC-01	 Use of natural materials with recessive color to minimize the bulkiness of the building. 	During design & constructio										
	 Adoption of innovative aesthetic design to the chimney to minimize or visually mitigate the massing of the chimney so as to reduce its visual impact to the surroundings. 	n phases										
	 Color of the chimney in a gradual changing manner to match with the color of the sky. 											
	 4) Provision of observation deck for public enjoyment at the top of the chimney to diminish the feeling of chimney. 											
	 5) Provision of sky gardens between the two stacks to allow additional greening for enhancing the aesthetic quality. Maintenance access (elevator and staircase) from the ground floor to the sky gardens will be provided to allow maintenance of the sky gardens. 											
	 Integration of the visitor's walkway with different material façade design of incinerator plant to enhance the aesthetic quality. 											
S10b.10 MVC-02	Control of the security floodlight for construction areas at night to avoid excessive glare to the surrounding receiver.	Work site / During construction phase	Contractor		✓				Implemented			

				Implem	nenta	tion S	tages*	Relevant	Implementation
EIA Ref S10b.10	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Des	Des C O De		Dec	Legislation and Guidelines	Status and Remarks
S10b.10 MVC-03	Optimization of the construction sequence and construction programme to minimize the duration of impact.	Work site / During design & construction phases	Contractor	~	✓				Implemented
S10b.10 MVC-04	Storage of the backfilling materials for site formation & construction materials / wastes on site at a maximum height of 2m, covered with an impermeable material of visually un- obtrusive material (in earth tone).	Work site / During construction phase	Contractor		~				N/A
S10b.10 MVC-05	Reduction of the number of construction traffic at the site to practical minimum.	Work site / During construction phase	Contractor		✓				Implemented
S10b.10 MLVO-01	Planting Maintenance Provision of proper planting maintenance and replacement of defective plant species on the new planting areas to enhance aesthetic and landscape quality.	Project site / During Operation phase	Contractor			✓			N/A
S10b.10 MVO-01	Environmental Education Centre Development of an Environmental Education Center, in which regular exhibitions and lectures to promote environmental awareness and waste reduction concept would be provided, as a part of the IWMF for the general public to alleviate negative public perceptions of the development.	Project site / During Operation phase	Contractor			~			N/A
S10b.10 MVO-02	<u>Control of Light</u> Control the numbers of lights and their intensity to a level that is good enough to meet the safety requirements at night but not excessive.	Project site / During Operation phase	Contractor			~			N/A

Keppel Seghers – Zhen Hua Joint Venture

EIA Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Des	ementat C	ion S O	tages* Dec	Relevant Legislation and Guidelines	Implementation Status and Remarks
S10b.10 MVO-03	<u>Control of Operation Time</u> Minimization of the frequency of waste transportation to practical minimum (e.g. limit the reception of MSW from 8 am to 8 pm)	Project site / During Operation phase	Contractor			~			N/A

* Des - Design, C - Construction, O - Operation, and Dec - Decommissioning

Appendix C Impact Monitoring Schedule of the Reporting Month

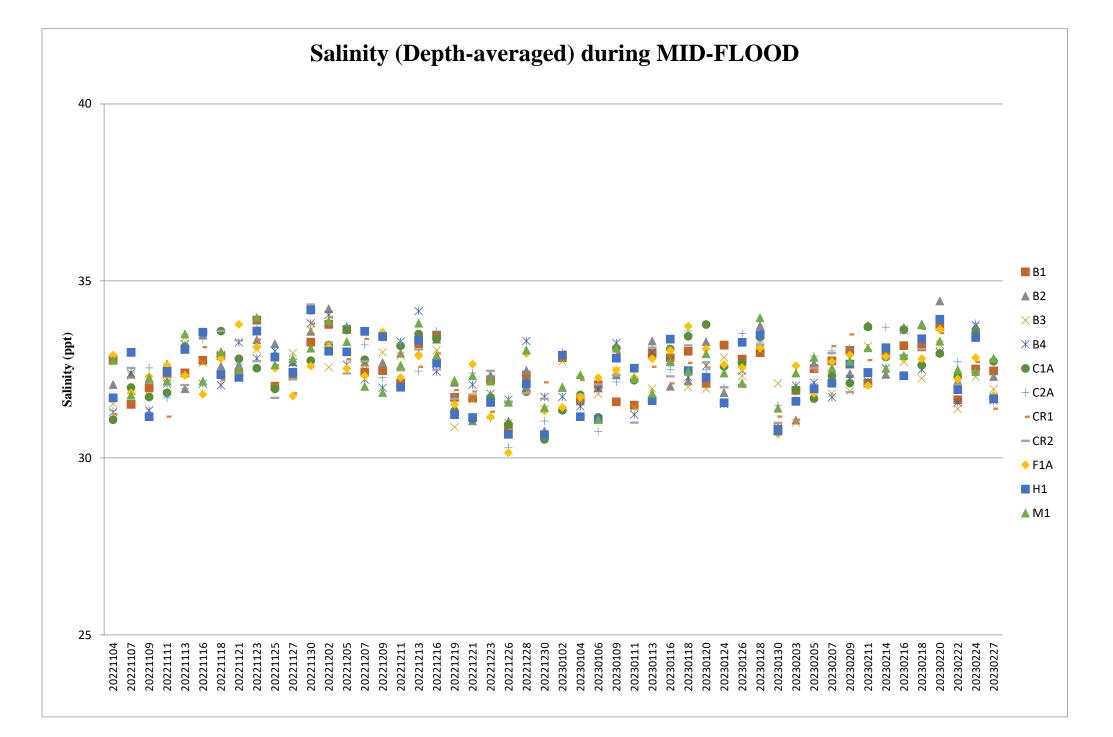
			Impact Monitoring Schedule for IWMF Feb-23		
fun	Mon	Tue	Wed	Thu	Fri
300		lue	1	2	3
			·	- Impact	-
				Ecology monitoring for WBSE	Water Quality monitoring for B1, B2
					Tid
					Ebb Tide
					Flood Tid Monit
					#\$Mid-eb
					Mid-floor
5	6	7	8	9	10
Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Impact Daytime & Evening Noise monitoring for M1, M2 & M3	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1		Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for Marine Mam
Tidal Period:	Daytime & Evening Noise Monitoring for M1, M2 & M3	Tidal Period:		Tidal Period:	Ecology monitoring for Marine Marin
Ebb Tide: 10:58 - 14:18		Ebb Tide: 11:23 - 15:44		Ebb Tide: 11:53 - 17:06	
Flood Tide: 14:18 - 21:00		Flood Tide: 15:44 - 22:07		Flood Tide: 05:51 -11:53	
Monitoring Time:		Monitoring Time:		Monitoring Time:	
Mid-ebb: 11:08 - 14:08		Mid-ebb: 11:48 - 15:18		Mid-ebb: 12:44 - 16:14	
#&Mid-flood: 15:54 - 19:00		#&Mid-flood: 16:03 - 19:00		*Mid-flood: 08:04 - 11:34	
		Night time Noise monitoring for M1, M2 & M3		Ecology monitoring for WBSE	
12			15	16	17
	Impact Daytime & Evening Noise monitoring for M1, M2 & M3	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1		Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for Marine Marg
	Daytime & Evening Noise monitoring for Mit, Miz & Mis	Tidal Period:		Tidal Period:	Ecology monitoring for Marine Marine
		Ebb Tide: 15:02 - 22:46		Ebb Tide: 17:00 - 23:59	
		Flood Tide: 07:56 - 15:02		Flood Tide: 00:50 - 17:11	
		Monitoring Time:		Monitoring Time:	
		#&Mid-ebb: 17:09 - 19:00		#&Mid-ebb: 17:20 - 19:00	
		Mid-flood: 09:44 - 13:14		*#Mid-flood: 08:00 - 10:45	
		Night time Noise monitoring for M1, M2 & M3		Ecology monitoring for WBSE	
19	20	21	22	23	24
	Impact	Impact	Impact	Impact	1
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Ecology monitoring for WBSE	Water Quality monitoring for B1, B2
	Tidal Period:		Tidal Period:		Tida
	Ebb Tide: 10:53 - 14:55		Ebb Tide: 11:50 - 16:33		Ebb Tide
	Flood Tide: 14:55 - 21:20		Flood Tide: 05:02 - 11:50		Flood Tid
	Monitoring Time:		Monitoring Time:		Monit
	Mid-ebb: 11:09 - 14:42		Mid-ebb: 12:26 - 15:56		Mid-ebb
	Mid-flood: 15:14 - 18:44		*Mid-flood: 08:00 - 11:29		*#Mid-floo
	Daytime & Evening Noise monitoring for M1, M2 & M3				
26	27	28			
	Impact	Impact			
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	Night time Noise monitoring for M1, M2 & M3			
	Tidal Period:				
	Ebb Tide: 14:18 - 22:12				
	Flood Tide: 06:55 - 14:18				
	Monitoring Time:				
	Mid-ebb: 14:41 - 18:11				
	Mid-flood: 08:51 - 12:21				
	Daytime & Evening Noise monitoring for M1, M2 & M3				
					1

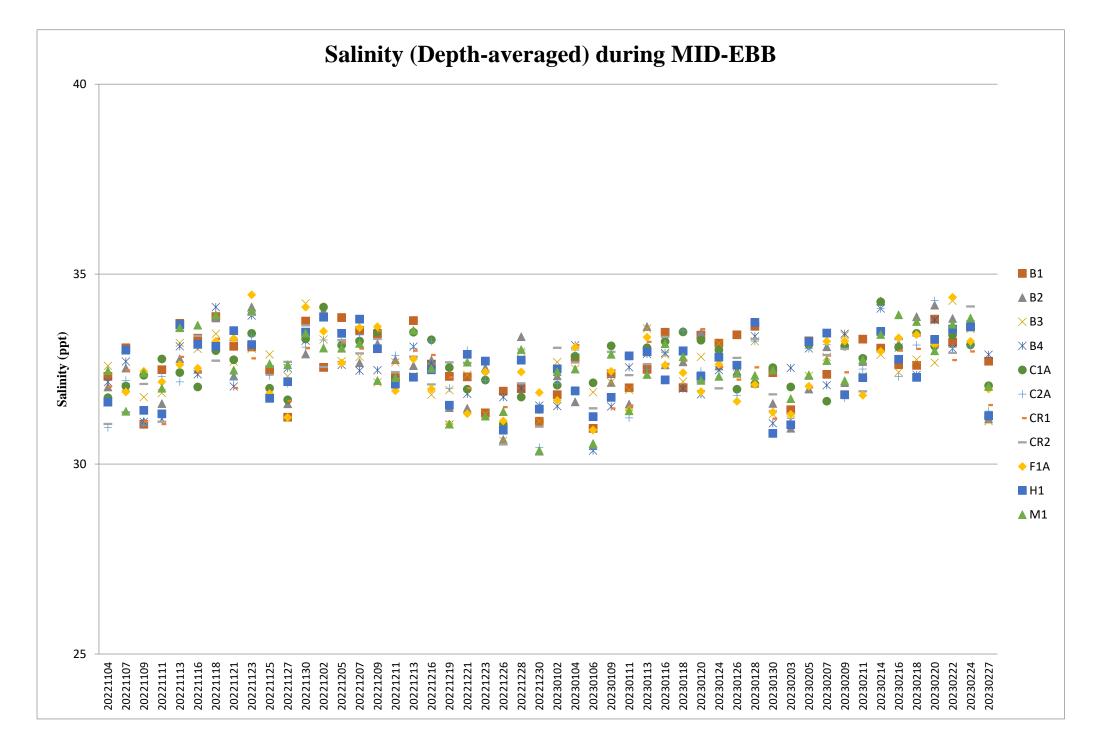
Remarks: 1. Daytime Noise Monitoring (07:00-1900), Evening Time Noise Monitoring (1900-2300), Night Time Noise Monitoring (2300-0700) 2. Water Quality Monitoring for \$1,\$2 and \$3 will only conduct during DCM works, refer to Detailed DCM Plan

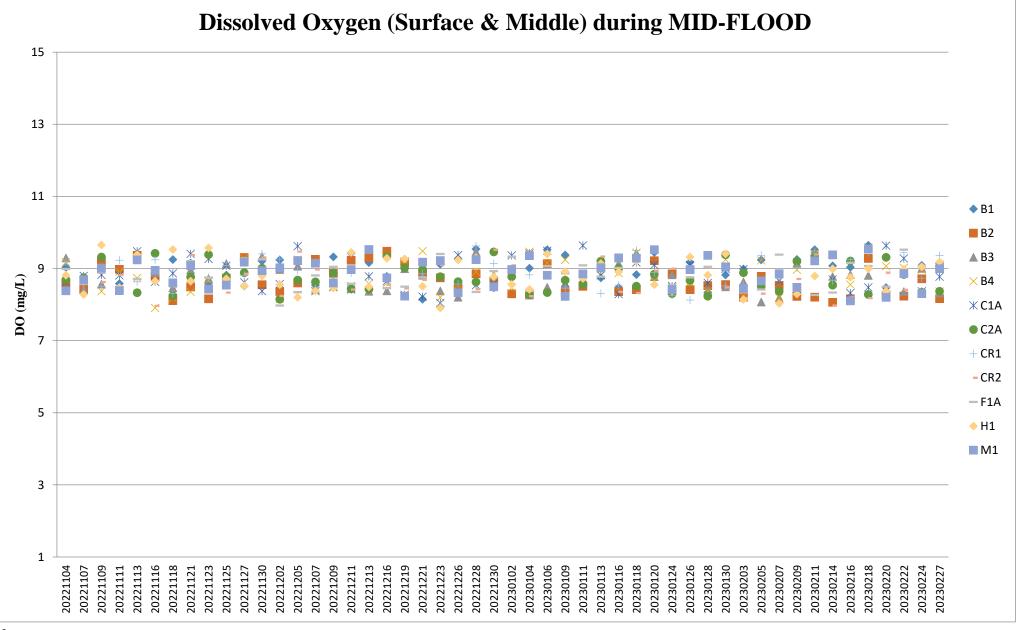
Note: - as per Marine Department Notice No 107 of 2018, all vessels employed for the works should stay in the works area outside the hours of works (0700 to 2300). Due to safty concern, Water Quality Monitoring would start at 0800. # - Prioritized routing: Mid-Ebb: C1->53->C82->C1->H1->Bernaining stations and Mid-Flood: C2->CR1->S3->CR2->H1->Remaining stations 5 - Since predicted tide is shorter than 3.5 hours, method of 90% tidal period as monitoring time is approached. 8 - Due to safety concern for sampling event in might-time, method of 90% tidal period as monitoring time is approached and end at 1900.

	Sat
Impact	4
Impact or B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:00 - 13:00	
lood Tide: 13:00 - 20:00	
Monitoring Time:	
\$Mid-ebb: 10:09 - 12:51 Vid-flood: 14:45 - 18:15	
101000.14.45-15.15	
	11
Impact	Impact
ne Mammals by Vessel-based Line-Transect Survey	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1
	Tidal Period: Ebb Tide: 12:55 - 18:37
	Flood Tide: 06:41 - 12:55
	Monitoring Time: Mid-ebb: 14:01 - 17:31
	Mid-ebb: 14:01 - 17:31 Mid-flood: 08:03 - 11:33
	18
Impact ne Mammals by Vessel-based Line-Transect Survey	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1
ine Manimals by Vesser-based entermanseet survey	Tidal Period:
	Ebb Tide: 09:54 - 12:51
	Flood Tide: 12:51 - 19:19 Monitoring Time:
	#\$Mid-ebb: 10:02 - 12:42
	Mid-flood: 14:20 - 17:50
Impact	25
or B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1	
Tidal Period:	
Ebb Tide: 12:35 - 18:10 'lood Tide:06:00 - 12:35	
Monitoring Time:	
Mid-ebb: 13:37 - 17:07 #Mid-flood: 08:00 - 11:02	
NNIG-1000. 08.00 - 11.02	

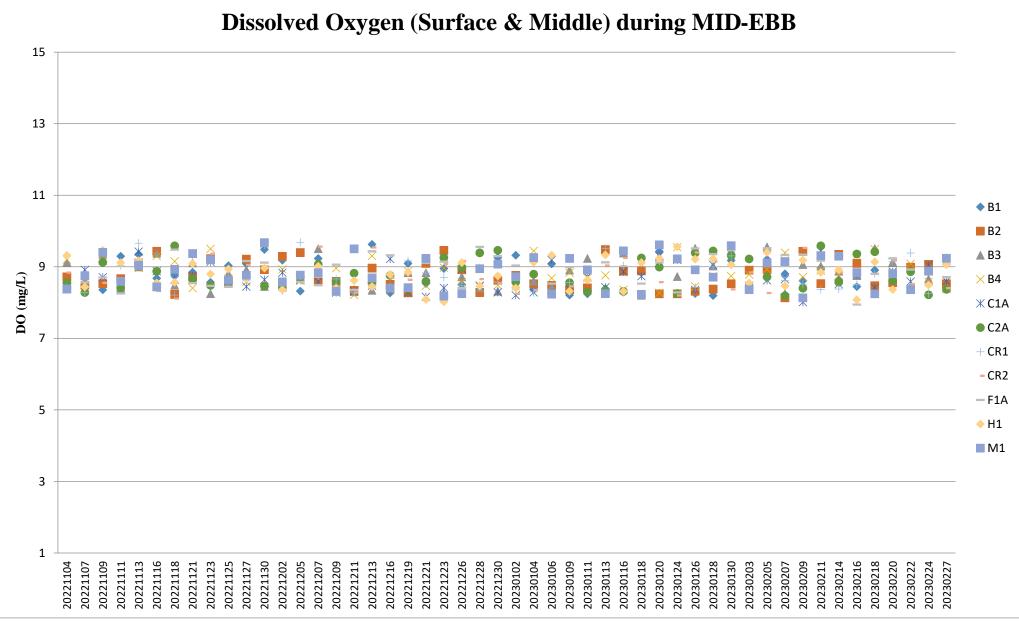
Appendix D Water Quality Monitoring Data



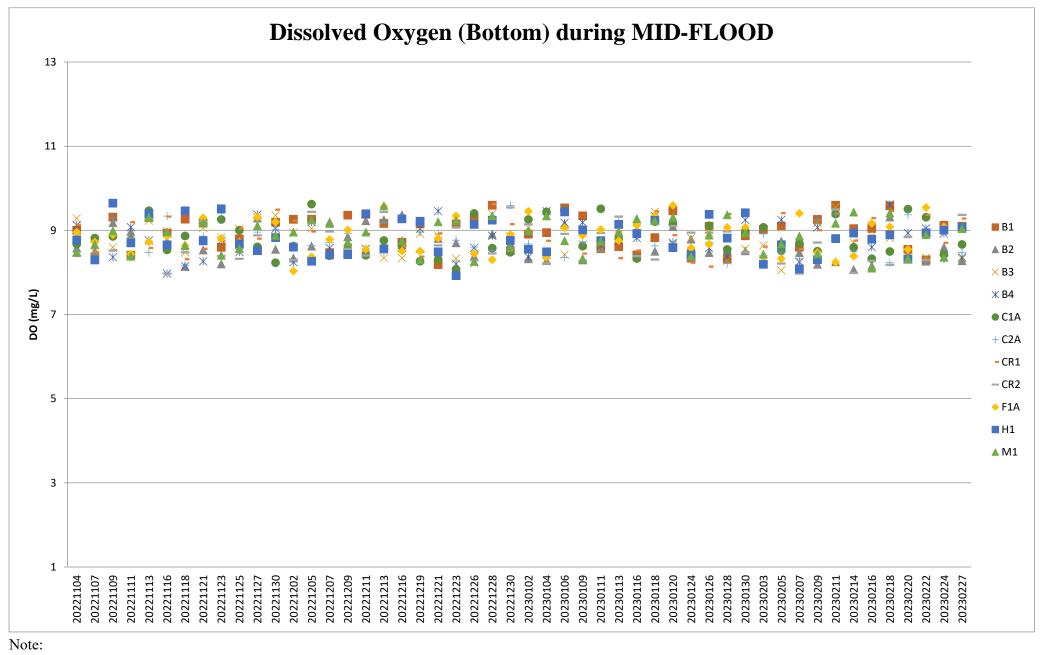




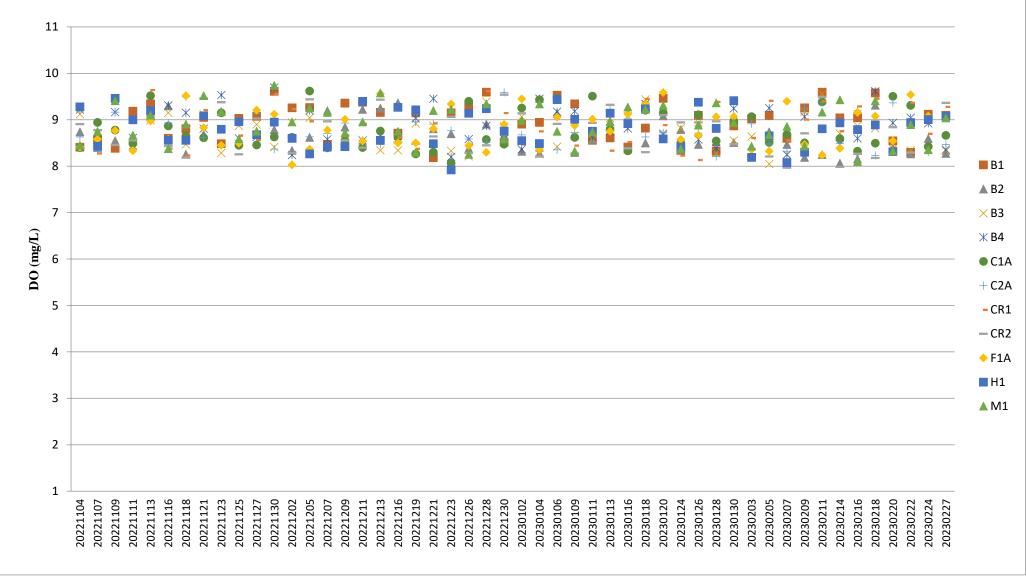
Note:



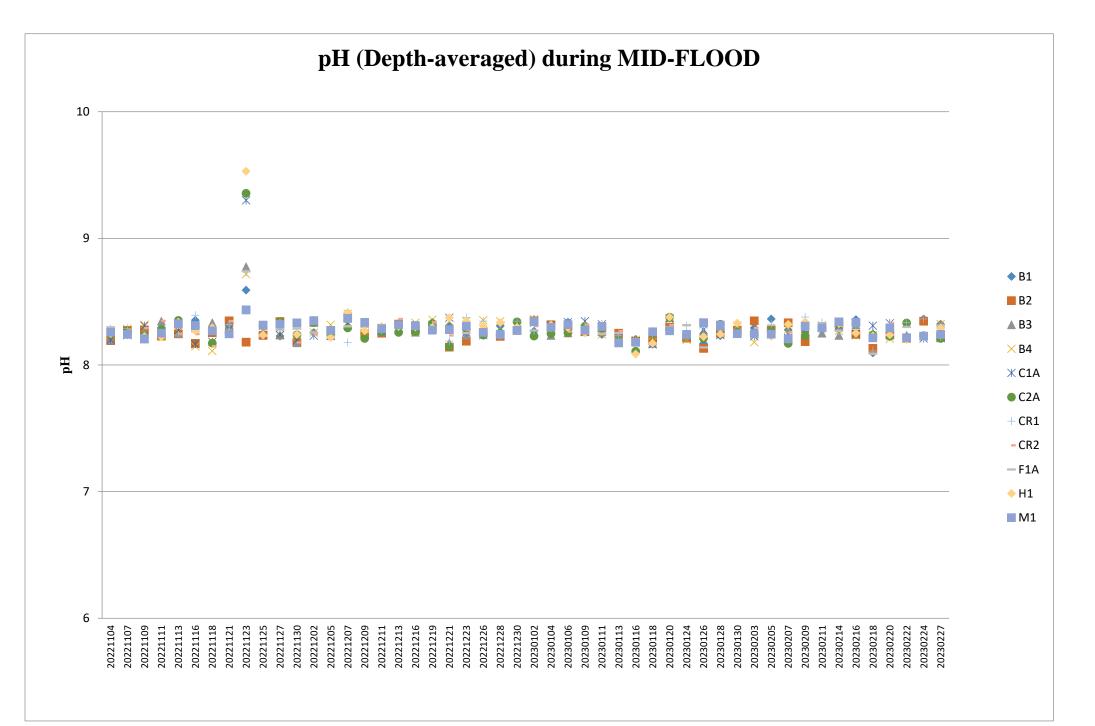
Note:

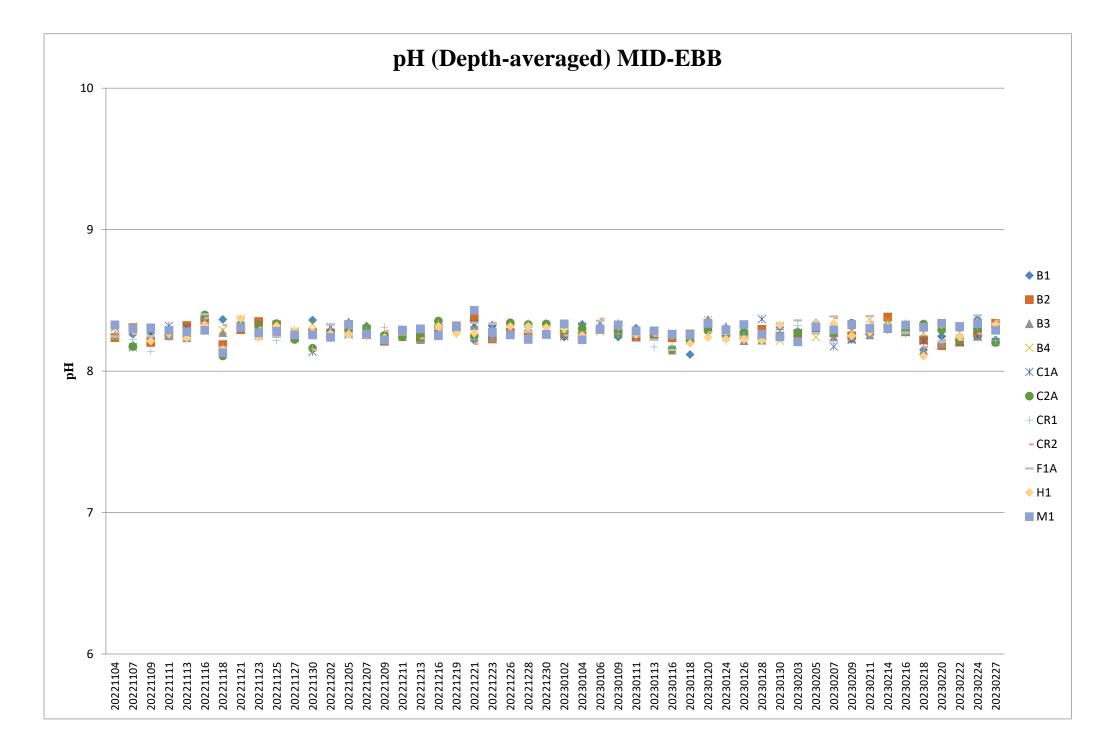


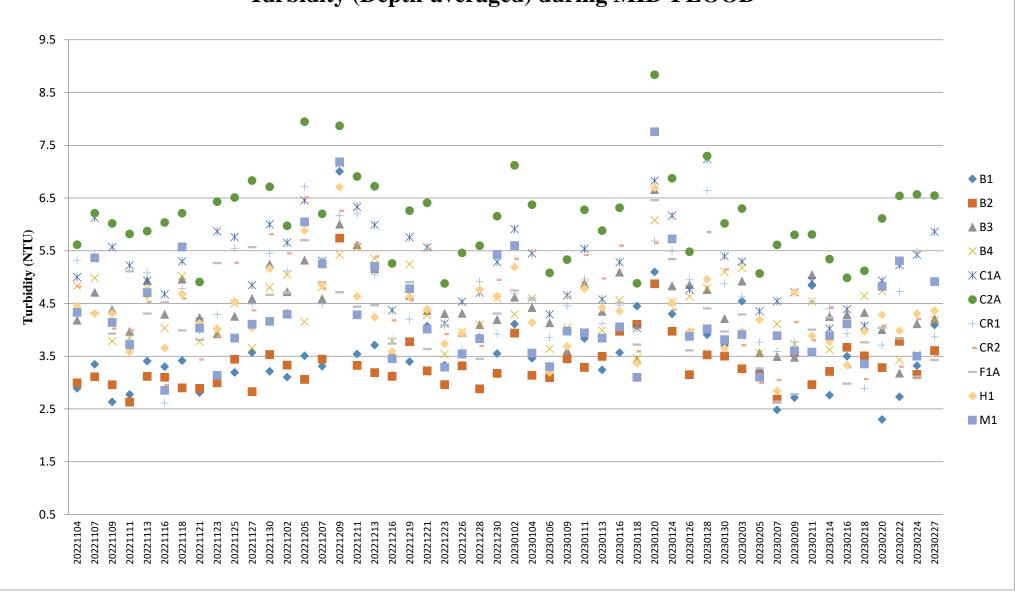
Dissolved Oxygen (Bottom) during MID-EBB



Note:

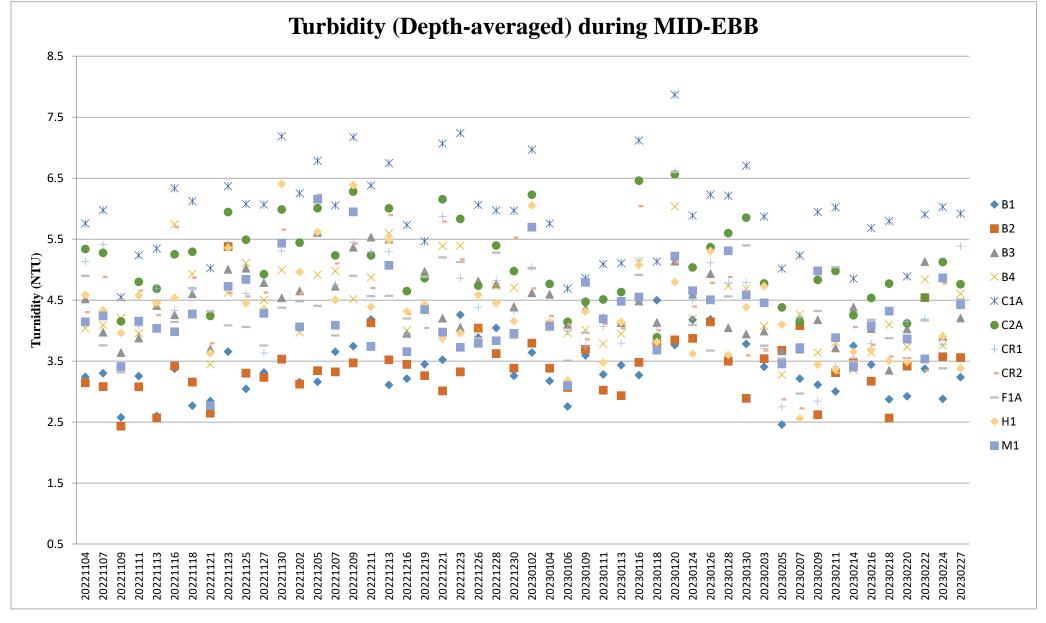




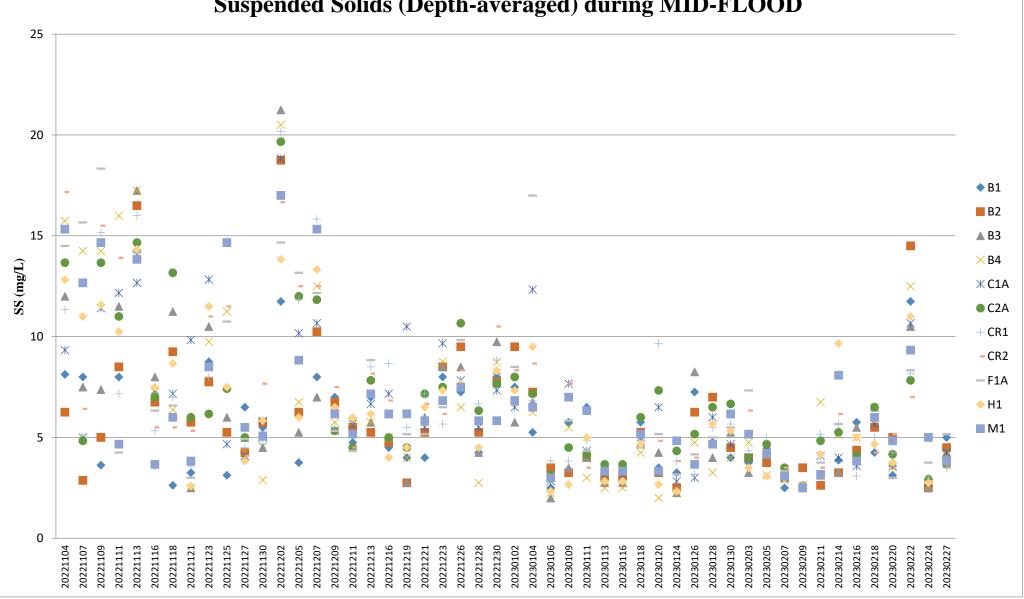


Turbidity (Depth-averaged) during MID-FLOOD

Note:

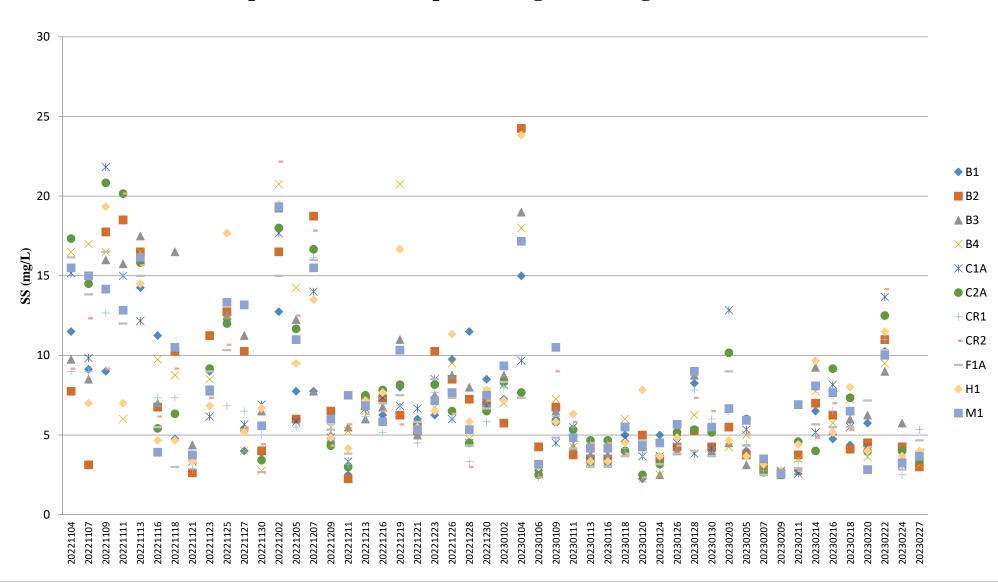


Note:



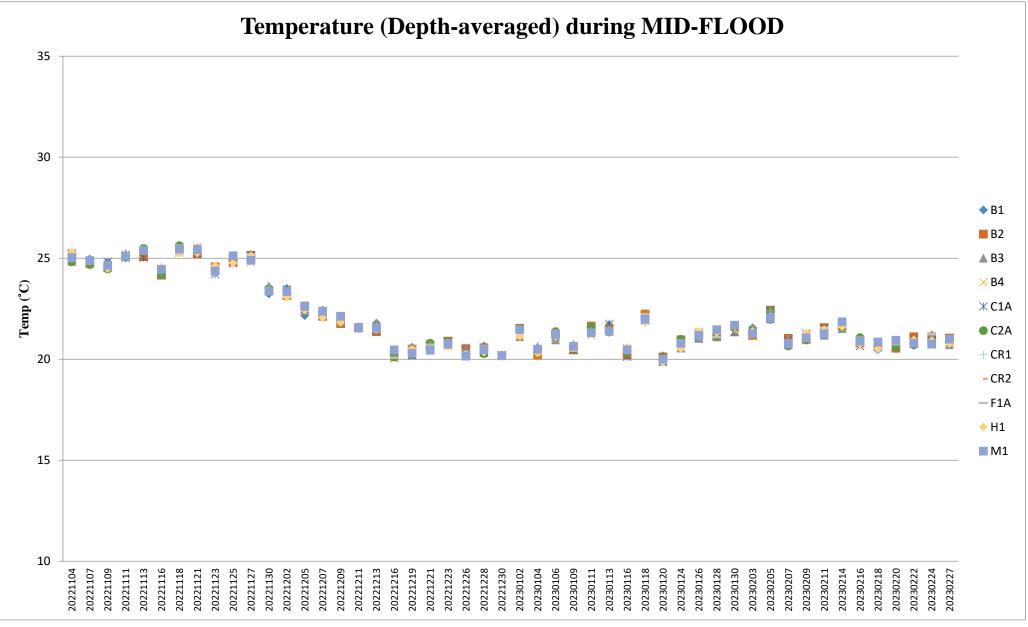
Suspended Solids (Depth-averaged) during MID-FLOOD

Note:



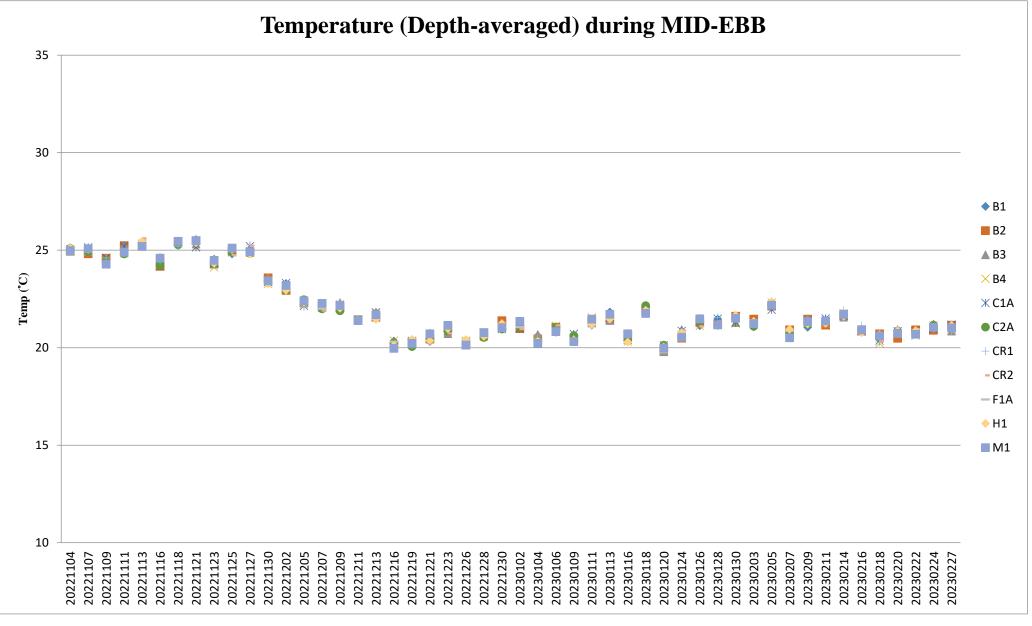
Suspended Solids (Depth-averaged) during MID-EBB

Note:



Note:

1. The Action and Limit Levels of temperature can be referred to Table 2.7 of the monthly EM&A report.



Note:

1. The Action and Limit Levels of temperature can be referred to Table 2.7 of the monthly EM&A report.

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:34	8.47	8.23	31.46	20.99	3.3	5
B1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:34	8.52	8.2	31.37	21.1	2.8	7
B1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	11:33	8.5	8.22	31.42	21.1	3.5	5
B1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	11:33	8.53	8.19	31.48	21.06	4.0	5
B2	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:50	8.89	8.26	30.92	21.35	3.6	7
B2	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:50	8.92	8.29	30.94	21.49	3.0	5
B2	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	11:49	8.91	8.23	30.97	21.47	3.6	6
B2	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.7	11:49	8.92	8.28	30.94	21.55	4.0	4
В3	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:15	8.55	8.29	31.21	21.46	3.9	4
В3	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:15	8.54	8.3	31.09	21.36	3.8	6
В3	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	12:14	8.58	8.25	31.22	21.33	4.2	4
В3	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.4	12:14	8.59	8.3	31.09	21.29	4.1	4
B4	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:05	8.81	8.19	32.59	21.26	3.8	4
B4	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:05	8.75	8.25	32.45	21.11	4.1	6
B4	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	12:04	8.81	8.2	32.56	21.22	4.2	4
B4	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	12:04	8.83	8.22	32.52	21.21	4.2	3
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:07	8.5	8.24	32.02	21.21	5.7	14
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:07	8.44	8.3	32.04	21.3	5.7	13
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.75	11:06	8.44	8.27	32.1	21.35	5.8	6
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.75	11:06	8.46	8.29	32	21.3	5.9	6
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	8.5	11:05	8.46	8.23	32.07	21.23	6.2	19
C1A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	8.5	11:05	8.46	8.28	31.95	21.22	6.0	19
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	13:03	9.23	8.26	31.17	21	4.5	5
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	13:03	9.21	8.3	31.29	21.04	4.6	8
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	6.25	13:02	9.22	8.25	31.17	21.18	4.8	18
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	6.25	13:02	9.22	8.3	31.2	21.2	4.7	18
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	13:01	9.21	8.24	31.17	21.01	5.0	6
C2A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	13:01	9.2	8.29	31.23	21.15	5.0	6
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:44	8.37	8.29	31.05	21.25	3.1	12
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:44	8.37	8.31	31.12	21.17	3.4	8
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	6.5	12:43	8.19	8.33	31.07	21.16	3.7	6
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	6.5	12:43	8.19	8.33	31.07	21.33	4.0	4
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	12	12:42	8.34	8.32	31.02	21.16	4.1	4
CR1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	12	12:42	8.18	8.35	31.13	21.14	3.9	5
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:29	8.85	8.18	31.3	21.23	3.6	10
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:29	8.84	8.23	31.33	21.18	3.5	9
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Middle	5.55	12:28	8.83	8.22	31.36	21.2	3.6	5
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Middle	5.55	12:28	8.87	8.18	31.23	21.25	3.6	7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	10.1	12:27	8.91	8.18	31.34	21.19	3.9	4
CR2	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	10.1	12:27	8.91	8.19	31.38	21.38	3.8	4
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:34	8.32	8.38	31.24	21.4	3.4	8
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:34	8.36	8.38	31.26	21.33	3.3	9
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.2	11:33	8.3	8.35	31.36	21.46	3.9	11
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.2	11:33	8.31	8.37	31.39	21.45	3.7	9
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	11:32	8.33	8.33	31.29	21.44	4.4	7
F1A	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	11:32	8.32	8.34	31.31	21.38	4.0	10
H1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:16	8.55	8.22	30.97	21.31	4.6	5
H1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	12:16	8.54	8.18	31.09	21.43	4.5	4
H1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.2	12:15	8.54	8.18	30.96	21.26	4.9	5
H1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.2	12:15	8.52	8.22	31.12	21.34	4.6	4
H1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	12:14	8.51	8.23	30.97	21.4	4.7	5
H1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	12:14	8.55	8.23	31.12	21.34	5.2	5
M1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:11	8.34	8.21	31.7	21.31	4.2	5
M1	20230203	Cloudy	Moderate	Mid-Ebb	Surface	1	11:11	8.38	8.23	31.78	21.17	4.1	6
M1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.85	11:10	8.36	8.23	31.79	21.3	4.2	10
M1	20230203	Cloudy	Moderate	Mid-Ebb	Middle	4.85	11:10	8.17	8.18	31.64	21.15	4.7	10
M1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	8.7	11:09	8.39	8.2	31.65	21.28	4.6	4
M1	20230203	Cloudy	Moderate	Mid-Ebb	Bottom	8.7	11:09	8.36	8.19	31.79	21.21	5.1	5
B1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:08	9.03	8.27	31.93	21.46	4.1	5
B1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:08	8.94	8.3	31.85	21.58	4.6	4
B1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	4.3	15:07	9.02	8.28	31.86	21.59	4.9	3
B1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	4.3	15:07	9.03	8.32	31.97	21.6	4.6	3
B2	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.19	8.34	31.09	21.21	2.8	5
B2	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:20	8.22	8.36	31.1	21.13	2.7	5
B2	20230203	Cloudy	Moderate	Mid-Flood	Bottom	4.1	15:19	8.23	8.33	31.01	21.23	3.8	3
B2	20230203	Cloudy	Moderate	Mid-Flood	Bottom	4.1	15:19	8.19	8.36	31.07	21.13	3.8	3
В3	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:53	8.6	8.27	31.03	21.55	4.8	3
В3	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:53	8.66	8.29	31.05	21.63	4.7	3
В3	20230203	Cloudy	Moderate	Mid-Flood	Bottom	3.9	14:52	8.64	8.29	30.86	21.54	5.1	4
В3	20230203	Cloudy	Moderate	Mid-Flood	Bottom	3.9	14:52	8.64	8.19	31.04	21.54	5.1	3
B4	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:03	8.2	8.18	32.06	21.05	5.0	4
B4	20230203	, Cloudy	Moderate	Mid-Flood	Surface	1	15:03	8.25	8.18	31.96	21.2	4.8	4
B4	20230203	, Cloudy	Moderate	Mid-Flood	Bottom	3.5	15:02	8.3	8.18	32.08	21.18	5.7	6
B4	20230203	, Cloudy	Moderate	Mid-Flood	Bottom	3.5	15:02	8.31	8.18	32.05	21.05	5.2	5
C1A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:44	9.02	8.22	31.83	21.27	5.1	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C1A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:44	8.95	8.24	31.87	21.33	5.4	6
C1A	20230203	Cloudy	Moderate	Mid-Flood	Middle	6	14:43	9.01	8.23	31.92	21.22	5.0	3
C1A	20230203	Cloudy	Moderate	Mid-Flood	Middle	6	14:43	9.01	8.24	32.07	21.38	5.2	4
C1A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	11	14:42	9.06	8.21	31.96	21.31	5.7	3
C1A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	11	14:42	9.08	8.21	31.89	21.33	5.4	3
C2A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:44	8.82	8.29	31.61	21.37	5.8	4
C2A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	14:44	8.94	8.29	31.71	21.31	6.0	3
C2A	20230203	Cloudy	Moderate	Mid-Flood	Middle	5.65	14:43	8.82	8.28	31.66	21.47	6.5	5
C2A	20230203	Cloudy	Moderate	Mid-Flood	Middle	5.65	14:43	8.89	8.18	31.62	21.36	6.3	4
C2A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	10.3	14:42	8.91	8.25	31.71	21.47	6.8	4
C2A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	10.3	14:42	8.92	8.19	31.61	21.48	6.4	4
CR1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	16:09	8.53	8.23	31	21.28	4.5	3
CR1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	16:09	8.54	8.26	31.13	21.32	4.9	5
CR1	20230203	Cloudy	Moderate	Mid-Flood	Middle	6.35	16:08	8.51	8.26	30.98	21.36	4.4	4
CR1	20230203	Cloudy	Moderate	Mid-Flood	Middle	6.35	16:08	8.56	8.26	30.97	21.29	4.2	6
CR1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	11.7	16:07	8.59	8.25	31.21	21.19	5.2	4
CR1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	11.7	16:07	8.63	8.27	31.18	21.35	4.5	4
CR2	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:57	8.18	8.29	31.61	21.24	3.6	7
CR2	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:57	8.19	8.32	31.55	21.26	3.4	4
CR2	20230203	Cloudy	Moderate	Mid-Flood	Middle	5.75	15:56	8.22	8.27	31.74	21.18	3.6	7
CR2	20230203	Cloudy	Moderate	Mid-Flood	Middle	5.75	15:56	8.19	8.29	31.72	21.22	4.1	10
CR2	20230203	Cloudy	Moderate	Mid-Flood	Bottom	10.5	15:55	8.19	8.25	31.66	21.26	3.8	5
CR2	20230203	Cloudy	Moderate	Mid-Flood	Bottom	10.5	15:55	8.25	8.33	31.5	21.13	3.8	5
F1A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:28	8.34	8.25	32.53	21.33	4.6	5
F1A	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:28	8.33	8.26	32.53	21.16	4.0	4
F1A	20230203	Cloudy	Moderate	Mid-Flood	Middle	3.8	15:27	8.25	8.21	32.69	21.33	4.2	12
F1A	20230203	Cloudy	Moderate	Mid-Flood	Middle	3.8	15:27	8.35	8.26	32.61	21.25	4.7	14
F1A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	6.6	15:26	8.34	8.22	32.7	21.15	4.1	5
F1A	20230203	Cloudy	Moderate	Mid-Flood	Bottom	6.6	15:26	8.38	8.22	32.58	21.32	4.1	4
H1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:45	8.13	8.24	31.57	21.47	4.0	2.5
H1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:45	8.15	8.26	31.63	21.36	4.1	4
H1	20230203	Cloudy	Moderate	Mid-Flood	Middle	4.25	15:44	8.17	8.23	31.69	21.32	4.2	2.5
H1	20230203	Cloudy	Moderate	Mid-Flood	Middle	4.25	15:44	8.26	8.24	31.69	21.46	4.1	4
H1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	7.5	15:43	8.21	8.23	31.45	21.39	3.6	4
H1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	7.5	15:43	8.17	8.27	31.56	21.32	3.8	4
M1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.46	8.26	32.36	21.23	3.7	5
M1	20230203	Cloudy	Moderate	Mid-Flood	Surface	1	15:50	8.43	8.28	32.44	21.33	3.4	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
M1	20230203	Cloudy	Moderate	Mid-Flood	Middle	4.15	15:49	8.47	8.24	32.47	21.2	4.1	5
M1	20230203	Cloudy	Moderate	Mid-Flood	Middle	4.15	15:49	8.51	8.24	32.26	21.37	3.6	5
M1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	7.3	15:48	8.42	8.22	32.39	21.2	4.5	5
M1	20230203	Cloudy	Moderate	Mid-Flood	Bottom	7.3	15:48	8.44	8.23	32.47	21.23	4.1	6
B1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	11:46	9.21	8.35	33.19	22.25	2.5	5
B1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	11:46	9.2	8.35	33.26	22.19	2.3	5
B1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	4	11:45	9.2	8.34	33.24	22.26	2.7	3
B1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	4	11:45	9.11	8.32	33.28	22.13	2.3	3
B2	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:00	8.95	8.32	32.01	22.11	3.3	3
B2	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:00	8.9	8.3	32.06	22.11	3.2	4
B2	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	11:59	9.04	8.29	31.93	22.22	4.3	5
B2	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	11:59	8.89	8.32	31.91	22.09	3.9	3
В3	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:34	9.56	8.32	32.31	22.38	3.6	2.5
В3	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:34	9.55	8.31	32.28	22.27	3.5	3
В3	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	13:33	9.59	8.28	32.31	22.31	3.8	3
В3	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	13:33	9.6	8.35	32.39	22.28	3.7	4
B4	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:24	8.99	8.2	32.95	22.33	3.2	3
B4	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:24	8.87	8.3	33.08	22.3	3.3	6
B4	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	3.1	13:23	8.99	8.19	33.12	22.28	3.3	4
B4	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	3.1	13:23	8.91	8.27	33.03	22.34	3.3	7
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	11:19	8.61	8.27	33.08	21.94	4.8	8
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	11:19	8.63	8.3	33.17	21.93	4.6	6
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	5.25	11:18	8.64	8.26	33.21	21.96	5.0	5
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	5.25	11:18	8.49	8.32	33.15	21.91	4.8	5
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	9.5	11:17	8.55	8.28	33.1	21.91	5.6	4
C1A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	9.5	11:17	8.38	8.33	33.12	21.99	5.3	4
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.64	8.3	33.01	22.27	4.0	3
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.8	8.32	33.08	22.24	3.9	5
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6	13:07	8.78	8.35	33.03	22.22	4.4	7
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6	13:07	8.76	8.3	33.03	22.33	4.3	7
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11	13:06	8.72	8.31	33.03	22.34	4.9	7
C2A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11	13:06	8.65	8.31	33.06	22.23	4.8	7
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:52	9.47	8.34	32.03	22.12	2.6	2.5
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:52	9.42	8.33	31.92	22.14	2.4	4
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6.25	12:51	9.3	8.29	32.1	22.17	2.8	5
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6.25	12:51	9.53	8.33	31.96	22.15	2.5	7
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	12:50	9.45	8.34	32.13	22.13	3.1	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	12:50	9.44	8.32	31.96	22.17	3.2	5
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:39	8.24	8.29	32.3	22.11	2.5	6
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:39	8.29	8.31	32.29	22.04	2.9	3
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6	12:38	8.32	8.31	32.29	22.07	2.6	3
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Middle	6	12:38	8.23	8.31	32.12	22.07	3.0	7
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11	12:37	8.31	8.3	32.12	22.14	2.9	8
CR2	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	11	12:37	8.24	8.32	32.35	22	3.4	3
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:50	9.58	8.21	32.11	22.32	3.5	3
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:50	9.46	8.23	32.08	22.3	3.6	5
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	4.1	12:49	9.71	8.3	32.09	22.27	3.2	4
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Middle	4.1	12:49	9.64	8.31	32.11	22.36	3.4	7
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	7.2	12:48	9.59	8.22	31.9	22.3	3.6	3
F1A	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	7.2	12:48	9.55	8.32	32.03	22.29	3.8	4
H1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	9.29	8.34	33.1	22.37	3.5	2.5
H1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	9.52	8.35	33.15	22.37	3.4	2.5
H1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	3.95	12:25	9.34	8.35	33.27	22.38	4.2	3
H1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	3.95	12:25	9.41	8.35	33.23	22.29	4.4	6
H1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	12:24	9.31	8.31	33.29	22.4	4.5	5
H1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	12:24	9.43	8.32	33.32	22.33	4.7	3
M1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	9.15	8.3	32.32	22.13	3.4	3
M1	20230205	Cloudy	Moderate	Mid-Ebb	Surface	1	12:26	9.07	8.31	32.33	22.2	3.2	2.5
M1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	4.9	12:25	9.27	8.31	32.32	22.18	3.2	11
M1	20230205	Cloudy	Moderate	Mid-Ebb	Middle	4.9	12:25	9.24	8.3	32.42	22.19	3.7	7
M1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	8.8	12:24	9.21	8.32	32.39	22.16	3.6	6
M1	20230205	Cloudy	Moderate	Mid-Ebb	Bottom	8.8	12:24	9.29	8.33	32.31	22.22	3.5	6
B1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:18	9.19	8.36	32.68	21.94	2.8	3
B1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:18	9.28	8.37	32.38	21.93	2.8	4
B1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.2	16:17	9.08	8.33	32.55	21.94	3.6	4
B1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.2	16:17	9.12	8.39	32.48	21.99	3.8	4
B2	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	8.71	8.27	32.7	22.41	3.3	2.5
B2	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:31	8.85	8.28	32.82	22.4	2.9	2.5
B2	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:30	8.73	8.28	32.52	22.48	3.1	6
B2	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:30	8.75	8.28	32.63	22.43	3.3	4
В3	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:07	8.13	8.21	32.02	21.98	3.4	2.5
В3	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:07	8.01	8.26	31.94	21.97	4.1	3
В3	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:06	7.99	8.26	32.11	22	3.5	7
В3	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:06	8.11	8.27	32.06	22.02	3.3	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B4	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:17	9.25	8.25	32.2	22.38	3.3	4
B4	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:17	9.2	8.29	32.02	22.33	3.7	2.5
B4	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4	16:16	9.33	8.23	32.08	22.28	3.6	3
B4	20230205	Cloudy	Moderate	Mid-Flood	Bottom	4	16:16	9.17	8.27	32.21	22.26	3.7	3
C1A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.55	8.23	31.56	22.45	4.1	4
C1A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.47	8.26	31.61	22.4	3.9	6
C1A	20230205	Cloudy	Moderate	Mid-Flood	Middle	5.25	15:55	8.4	8.22	31.69	22.47	4.4	5
C1A	20230205	Cloudy	Moderate	Mid-Flood	Middle	5.25	15:55	8.46	8.24	31.75	22.44	4.3	6
C1A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	9.5	15:54	8.55	8.22	31.78	22.44	4.8	3
C1A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	9.5	15:54	8.48	8.27	31.64	22.41	4.6	3
C2A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.54	8.25	32.82	22.38	4.8	3
C2A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	15:56	8.48	8.26	32.96	22.35	4.7	5
C2A	20230205	Cloudy	Moderate	Mid-Flood	Middle	6	15:55	8.38	8.29	32.97	22.45	5.1	8
C2A	20230205	Cloudy	Moderate	Mid-Flood	Middle	6	15:55	8.53	8.31	32.99	22.37	4.9	6
C2A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	11	15:54	8.43	8.25	32.87	22.35	5.5	3
C2A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	11	15:54	8.53	8.27	32.66	22.45	5.4	3
CR1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:18	9.3	8.31	32.48	22.35	3.6	8
CR1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:18	9.42	8.32	32.44	22.45	3.3	5
CR1	20230205	Cloudy	Moderate	Mid-Flood	Middle	6.2	17:17	9.27	8.34	32.48	22.37	4.0	3
CR1	20230205	Cloudy	Moderate	Mid-Flood	Middle	6.2	17:17	9.41	8.35	32.5	22.35	4.0	5
CR1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	11.4	17:16	9.39	8.29	32.55	22.47	4.0	4
CR1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	11.4	17:16	9.43	8.32	32.3	22.36	3.8	5
CR2	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:05	8.36	8.2	32.69	22.2	2.9	4
CR2	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:05	8.24	8.21	32.41	22.25	2.6	5
CR2	20230205	Cloudy	Moderate	Mid-Flood	Middle	5.8	17:04	8.22	8.23	32.56	22.26	3.1	4
CR2	20230205	Cloudy	Moderate	Mid-Flood	Middle	5.8	17:04	8.17	8.23	32.53	22.24	3.2	4
CR2	20230205	Cloudy	Moderate	Mid-Flood	Bottom	10.6	17:03	8.19	8.21	32.55	22.22	3.2	4
CR2	20230205	Cloudy	Moderate	Mid-Flood	Bottom	10.6	17:03	8.23	8.26	32.45	22.23	3.0	4
F1A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:42	8.39	8.23	31.94	22.15	2.9	3
F1A	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:42	8.44	8.28	31.85	22.1	2.8	4
F1A	20230205	Cloudy	Moderate	Mid-Flood	Middle	4.25	16:41	8.41	8.24	31.93	22.12	3.2	4
F1A	20230205	Cloudy	Moderate	Mid-Flood	Middle	4.25	16:41	8.24	8.3	31.67	22.21	3.2	4
F1A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	7.5	16:40	8.27	8.26	31.93	22.17	3.8	7
F1A	20230205	Cloudy	Moderate	Mid-Flood	Bottom	7.5	16:40	8.38	8.29	31.63	22.13	3.6	4
H1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:56	8.57	8.2	31.82	22.06	3.5	3
H1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	16:56	8.73	8.24	31.82	22.08	3.7	3
H1	20230205	Cloudy	Moderate	Mid-Flood	Middle	3.8	16:55	8.6	8.2	32.09	22.15	4.3	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
H1	20230205	Cloudy	Moderate	Mid-Flood	Middle	3.8	16:55	8.73	8.24	31.91	22.12	4.1	4
H1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	6.6	16:54	8.72	8.23	31.96	22.16	4.7	3
H1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	6.6	16:54	8.59	8.24	32.13	22.12	4.9	3
M1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:03	8.62	8.2	32.91	22.08	3.0	3
M1	20230205	Cloudy	Moderate	Mid-Flood	Surface	1	17:03	8.69	8.21	32.88	22.1	2.9	4
M1	20230205	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:02	8.53	8.26	32.67	22.07	3.1	4
M1	20230205	Cloudy	Moderate	Mid-Flood	Middle	3.7	17:02	8.6	8.27	32.75	22	3.0	4
M1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:01	8.67	8.25	32.93	22.07	3.4	4
M1	20230205	Cloudy	Moderate	Mid-Flood	Bottom	6.4	17:01	8.68	8.27	32.87	22.04	3.3	6
B1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:56	8.81	8.27	32.4	20.79	3.3	2.5
B1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:56	8.8	8.26	32.23	20.73	3.1	3
B1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	12:55	8.76	8.32	32.35	20.77	3.2	3
B1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	12:55	8.91	8.3	32.47	20.86	3.3	3
B2	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.16	8.32	33.14	20.95	3.8	4
B2	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:08	8.11	8.25	33.16	20.82	3.7	2.5
B2	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	13:07	8.17	8.3	33.05	20.93	4.5	2.5
B2	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.1	13:07	8.02	8.22	33.01	20.97	4.3	3
В3	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:28	8.33	8.23	32.69	20.82	3.7	2.5
В3	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:28	8.18	8.26	32.79	20.78	3.4	2.5
В3	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	13:27	8.28	8.22	32.96	20.78	3.8	5
В3	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	13:27	8.24	8.25	32.85	20.78	3.9	4
B4	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:18	9.43	8.3	32.17	20.68	4.0	3
B4	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:18	9.36	8.3	31.83	20.65	3.6	2.5
B4	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:17	9.35	8.22	32.2	20.74	4.6	3
B4	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:17	9.41	8.3	32.1	20.66	4.9	2.5
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:31	8.72	8.23	31.64	20.74	4.8	2.5
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:31	8.58	8.17	31.83	20.83	5.0	2.5
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.25	12:30	8.72	8.16	31.49	20.77	5.5	2.5
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.25	12:30	8.69	8.15	31.61	20.81	4.9	4
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	9.5	12:29	8.63	8.16	31.6	20.77	5.5	2.5
C1A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	9.5	12:29	8.68	8.17	31.77	20.72	5.6	4
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	14:17	8.18	8.33	33.27	20.74	3.9	2.5
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	14:17	8.2	8.25	33	20.84	3.8	3
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.95	14:16	8.24	8.26	33.03	20.82	4.0	2.5
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.95	14:16	8.31	8.29	33.23	20.87	3.9	2.5
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	10.9	14:15	8.24	8.27	33.26	20.77	4.7	3
C2A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	10.9	14:15	8.15	8.25	33.07	20.87	4.6	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	14:01	8.57	8.17	32.97	20.57	4.0	2.5
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	14:01	8.66	8.2	32.88	20.46	4.1	2.5
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	6.3	14:00	8.66	8.24	32.91	20.58	4.2	4
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	6.3	14:00	8.5	8.17	32.88	20.59	3.7	2.5
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	13:59	8.65	8.21	32.74	20.61	4.9	2.5
CR1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	11.6	13:59	8.61	8.19	32.77	20.59	4.5	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:47	9.24	8.35	32.74	20.62	2.4	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:47	9.17	8.42	32.89	20.48	2.4	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.55	13:46	9.28	8.37	32.91	20.63	2.9	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Middle	5.55	13:46	9.12	8.33	32.81	20.48	3.1	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	10.1	13:45	9.27	8.35	32.92	20.54	2.8	2.5
CR2	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	10.1	13:45	9.21	8.43	32.96	20.62	2.8	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:55	9.3	8.4	33.3	20.8	2.5	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:55	9.36	8.42	33.28	20.8	2.7	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.4	12:54	9.23	8.38	33.14	20.92	2.9	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.4	12:54	9.25	8.38	33.35	20.84	2.8	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	7.8	12:53	9.34	8.34	33.35	20.92	3.6	2.5
F1A	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	7.8	12:53	9.25	8.4	32.98	20.85	3.3	2.5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.53	8.34	33.31	20.98	2.6	2.5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	13:35	8.41	8.29	33.52	20.87	2.7	2.5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.05	13:34	8.39	8.39	33.58	21.01	2.1	2.5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.05	13:34	8.44	8.32	33.42	20.9	2.2	2.5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	13:33	8.49	8.32	33.4	20.97	2.8	5
H1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	13:33	8.44	8.36	33.48	20.91	2.9	4
M1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:33	9.16	8.32	32.86	20.54	3.4	2.5
M1	20230207	Cloudy	Moderate	Mid-Ebb	Surface	1	12:33	9.14	8.33	32.69	20.51	3.9	2.5
M1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.6	12:32	9.32	8.29	32.76	20.49	3.4	2.5
M1	20230207	Cloudy	Moderate	Mid-Ebb	Middle	4.6	12:32	9.15	8.3	32.55	20.46	3.4	2.5
M1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	8.2	12:31	9.29	8.26	32.84	20.5	4.4	5
M1	20230207	Cloudy	Moderate	Mid-Ebb	Bottom	8.2	12:31	9.22	8.25	32.66	20.52	3.8	6
B1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.51	8.26	32.68	20.88	2.3	2.5
B1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.65	8.28	32.86	20.88	2.5	2.5
B1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.6	16:25	8.58	8.26	32.62	20.74	2.5	2.5
B1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.6	16:25	8.62	8.31	32.81	20.76	2.6	2.5
B2	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:38	8.46	8.3	32.26	21.11	2.7	3
B2	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:38	8.6	8.38	32.25	21.06	2.5	3
B2	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.8	16:37	8.51	8.32	32.23	20.96	3.0	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B2	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.8	16:37	8.43	8.33	32.04	20.98	2.7	3
В3	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:16	8.16	8.25	31.85	20.65	3.6	2.5
B3	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:16	8.22	8.26	32	20.75	3.3	3
В3	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.8	16:15	8.3	8.2	31.65	20.78	3.6	4
B3	20230207	Cloudy	Moderate	Mid-Flood	Bottom	3.8	16:15	8.19	8.23	31.79	20.69	3.5	2.5
B4	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.15	8.27	31.75	20.85	3.9	3
B4	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:26	8.23	8.33	31.83	20.73	4.0	2.5
B4	20230207	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:25	8.2	8.27	31.59	20.75	4.2	3
B4	20230207	Cloudy	Moderate	Mid-Flood	Bottom	4.1	16:25	8.3	8.26	31.69	20.73	4.4	3
C1A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.74	8.18	32.5	20.91	4.3	3
C1A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.57	8.23	32.23	20.89	4.6	5
C1A	20230207	Cloudy	Moderate	Mid-Flood	Middle	5.8	16:04	8.77	8.22	32.33	20.99	4.6	4
C1A	20230207	Cloudy	Moderate	Mid-Flood	Middle	5.8	16:04	8.63	8.21	32.16	21.04	4.3	3
C1A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	10.6	16:03	8.67	8.21	32.16	21	5.0	2.5
C1A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	10.6	16:03	8.7	8.23	32.52	20.95	4.5	3
C2A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.28	8.21	33.25	20.6	5.3	4
C2A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:05	8.45	8.14	33.23	20.66	5.1	3
C2A	20230207	Cloudy	Moderate	Mid-Flood	Middle	6	16:04	8.41	8.16	32.88	20.61	5.5	3
C2A	20230207	Cloudy	Moderate	Mid-Flood	Middle	6	16:04	8.41	8.19	33.06	20.73	5.7	5
C2A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	11	16:03	8.35	8.15	32.82	20.62	6.2	3
C2A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	11	16:03	8.3	8.17	32.89	20.69	5.9	3
CR1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:27	8.71	8.16	33.22	20.93	3.6	3
CR1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:27	8.74	8.16	32.97	21.03	3.3	5
CR1	20230207	Cloudy	Moderate	Mid-Flood	Middle	6.15	17:26	8.64	8.23	33.19	20.94	3.8	2.5
CR1	20230207	Cloudy	Moderate	Mid-Flood	Middle	6.15	17:26	8.55	8.2	33.03	20.98	3.8	2.5
CR1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	11.3	17:25	8.55	8.23	33.21	20.96	3.6	2.5
CR1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	11.3	17:25	8.56	8.22	33.33	21.04	3.5	3
CR2	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:13	8.04	8.29	32.96	20.74	3.0	2.5
CR2	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:13	8.09	8.26	32.91	20.66	2.7	3
CR2	20230207	Cloudy	Moderate	Mid-Flood	Middle	5.9	17:12	8.1	8.27	33.01	20.72	3.2	4
CR2	20230207	Cloudy	Moderate	Mid-Flood	Middle	5.9	17:12	7.89	8.21	33.01	20.8	3.1	5
CR2	20230207	Cloudy	Moderate	Mid-Flood	Bottom	10.8	17:11	7.92	8.27	32.85	20.74	3.1	4
CR2	20230207	Cloudy	Moderate	Mid-Flood	Bottom	10.8	17:11	8.02	8.24	33	20.68	3.3	2.5
F1A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:50	9.36	8.17	32.74	20.83	2.3	3
F1A	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	16:50	9.41	8.17	32.59	20.81	2.3	3
F1A	20230207	Cloudy	Moderate	Mid-Flood	Middle	4.2	16:49	9.53	8.16	32.92	20.95	2.7	5
F1A	20230207	Cloudy	Moderate	Mid-Flood	Middle	4.2	16:49	9.39	8.22	32.71	20.81	3.2	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
F1A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	7.4	16:48	9.4	8.19	32.84	20.83	2.7	3
F1A	20230207	Cloudy	Moderate	Mid-Flood	Bottom	7.4	16:48	9.4	8.18	32.51	20.87	2.7	3
H1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:02	7.99	8.35	32.16	20.76	2.5	2.5
H1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:02	8.07	8.31	32.24	20.8	2.8	2.5
H1	20230207	Cloudy	Moderate	Mid-Flood	Middle	4.25	17:01	8.21	8.29	32.23	20.68	2.3	2.5
H1	20230207	Cloudy	Moderate	Mid-Flood	Middle	4.25	17:01	7.98	8.28	32.16	20.69	2.5	4
H1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	7.5	17:00	8.06	8.35	31.88	20.81	3.3	2.5
H1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	7.5	17:00	8.1	8.35	31.97	20.65	3.6	4
M1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:11	8.87	8.23	32.44	20.76	3.7	3
M1	20230207	Cloudy	Moderate	Mid-Flood	Surface	1	17:11	8.84	8.25	32.52	20.76	4.2	3
M1	20230207	Cloudy	Moderate	Mid-Flood	Middle	3.8	17:10	8.96	8.19	32.41	20.77	4.1	3
M1	20230207	Cloudy	Moderate	Mid-Flood	Middle	3.8	17:10	8.78	8.17	32.74	20.8	3.7	3
M1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	6.6	17:09	8.8	8.16	32.49	20.77	3.8	4
M1	20230207	Cloudy	Moderate	Mid-Flood	Bottom	6.6	17:09	8.92	8.24	32.63	20.71	3.8	2.5
B1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:15	9.29	8.25	33.03	21.05	2.5	2.5
B1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:15	9.21	8.27	33.1	21.07	2.9	2.5
B1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	3.8	09:14	9.3	8.24	32.91	21.03	2.9	2.5
B1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	3.8	09:14	9.21	8.27	33.12	20.96	2.6	3
B2	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:32	8.22	8.18	32.38	21.02	3.7	6
B2	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:32	8.23	8.18	32.44	20.96	3.3	3
B2	20230209	Cloudy	Moderate	Mid-Flood	Bottom	4.1	09:31	8.19	8.18	32.32	21	3.5	2.5
B2	20230209	Cloudy	Moderate	Mid-Flood	Bottom	4.1	09:31	8.19	8.2	32.36	21	3.7	2.5
В3	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:52	9.12	8.34	31.82	20.99	3.1	2.5
В3	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:52	9.17	8.35	31.97	21.01	3.1	2.5
В3	20230209	Cloudy	Moderate	Mid-Flood	Bottom	4.3	09:51	9.23	8.32	31.82	21.01	3.9	2.5
В3	20230209	Cloudy	Moderate	Mid-Flood	Bottom	4.3	09:51	9.12	8.33	31.93	20.93	3.8	2.5
B4	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:42	8.95	8.3	32.19	20.88	3.5	2.5
B4	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:42	8.98	8.3	32.24	21.03	3.5	2.5
B4	20230209	Cloudy	Moderate	Mid-Flood	Bottom	3.6	09:41	9.04	8.25	32.23	20.93	4.0	2.5
B4	20230209	Cloudy	Moderate	Mid-Flood	Bottom	3.6	09:41	9.09	8.3	32.27	20.9	3.9	3
C1A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:50	8.42	8.24	32.16	21.28	4.1	2.5
C1A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:50	8.44	8.26	32.12	21.23	4.1	2.5
C1A	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.15	08:49	8.56	8.22	32.08	21.31	4.9	2.5
C1A	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.15	08:49	8.45	8.24	32	21.26	4.6	2.5
C1A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	9.3	08:48	8.54	8.26	32.21	21.27	5.2	2.5
C1A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	9.3	08:48	8.47	8.22	32.11	21.28	5.3	2.5
C2A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:06	9.2	8.22	33.14	21.05	5.6	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C2A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:06	9.19	8.25	33.08	20.95	5.8	2.5
C2A	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.75	08:05	9.25	8.19	33.07	20.89	5.7	2.5
C2A	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.75	08:05	9.18	8.24	33.14	20.99	5.7	2.5
C2A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	10.5	08:04	9.25	8.24	33.07	20.93	5.9	2.5
C2A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	10.5	08:04	9.26	8.24	33.14	20.9	6.0	3
CR1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:21	9.04	8.36	33.59	21.05	3.6	2.5
CR1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:21	9.01	8.38	33.49	21.02	3.4	2.5
CR1	20230209	Cloudy	Moderate	Mid-Flood	Middle	6.55	08:20	9.02	8.37	33.47	21.05	4.0	2.5
CR1	20230209	Cloudy	Moderate	Mid-Flood	Middle	6.55	08:20	8.88	8.4	33.42	20.95	3.8	2.5
CR1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	12.1	08:19	8.98	8.37	33.45	20.94	3.8	2.5
CR1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	12.1	08:19	9.03	8.39	33.51	21.1	4.1	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:35	8.78	8.25	31.91	21.46	4.1	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:35	8.64	8.29	31.79	21.33	3.8	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.7	08:34	8.65	8.25	31.9	21.41	3.8	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Middle	5.7	08:34	8.79	8.3	31.83	21.44	3.9	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Bottom	10.4	08:33	8.74	8.27	31.94	21.34	4.4	2.5
CR2	20230209	Cloudy	Moderate	Mid-Flood	Bottom	10.4	08:33	8.68	8.3	31.79	21.38	4.9	2.5
F1A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:09	8.4	8.31	32.89	21.14	2.5	2.5
F1A	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:09	8.39	8.31	32.91	21.2	2.1	2.5
F1A	20230209	Cloudy	Moderate	Mid-Flood	Middle	4.15	09:08	8.41	8.29	32.91	21.13	2.6	2.5
F1A	20230209	Cloudy	Moderate	Mid-Flood	Middle	4.15	09:08	8.5	8.32	32.96	21.19	3.0	3
F1A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	7.3	09:07	8.53	8.29	32.88	21.22	3.5	2.5
F1A	20230209	Cloudy	Moderate	Mid-Flood	Bottom	7.3	09:07	8.41	8.33	32.88	21.17	3.0	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:59	8.26	8.31	32.72	21.29	4.7	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	09:59	8.32	8.35	32.72	21.22	4.4	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Middle	3.8	09:58	8.25	8.3	32.55	21.33	5.1	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Middle	3.8	09:58	8.27	8.36	32.74	21.34	4.6	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	6.6	09:57	8.3	8.36	32.57	21.22	4.4	2.5
H1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	6.6	09:57	8.3	8.36	32.6	21.28	5.0	3
M1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:48	8.51	8.28	32.76	21.09	3.7	2.5
M1	20230209	Cloudy	Moderate	Mid-Flood	Surface	1	08:48	8.44	8.29	32.68	21.08	3.2	2.5
M1	20230209	Cloudy	Moderate	Mid-Flood	Middle	4.2	08:47	8.48	8.33	32.69	21.09	3.7	2.5
M1	20230209	Cloudy	Moderate	Mid-Flood	Middle	4.2	08:47	8.48	8.33	32.8	20.97	3.4	2.5
M1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	7.4	08:46	8.42	8.28	32.73	21.07	3.9	2.5
M1	20230209	Cloudy	Moderate	Mid-Flood	Bottom	7.4	08:46	8.45	8.33	32.72	21.09	3.8	2.5
B1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:09	8.65	8.27	31.81	21.03	3.1	2.5
B1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:09	8.57	8.32	31.97	20.98	2.9	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	13:08	8.6	8.34	31.86	21.09	3.1	2.5
B1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.7	13:08	8.62	8.34	31.67	21.1	3.5	2.5
B2	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:21	9.39	8.3	32.05	21.45	2.7	3
B2	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:21	9.47	8.21	32.07	21.47	2.8	2.5
B2	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:20	9.45	8.22	32.16	21.52	2.6	2.5
B2	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	4	13:20	9.47	8.27	32.3	21.43	2.4	2.5
B3	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:57	8.98	8.2	33.51	21.49	4.1	2.5
B3	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:57	9.15	8.21	33.33	21.49	3.6	2.5
B3	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	12:56	9.13	8.23	33.41	21.45	4.8	2.5
B3	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	12:56	9.02	8.28	33.31	21.49	4.1	2.5
B4	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:07	8.82	8.27	33.3	21.29	3.7	2.5
B4	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:07	8.6	8.3	33.47	21.26	3.5	2.5
B4	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.1	13:06	8.68	8.27	33.51	21.31	4.0	2.5
B4	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	3.1	13:06	8.62	8.28	33.45	21.22	3.4	2.5
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.04	8.21	33.15	21.44	5.7	2.5
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	7.98	8.24	33.19	21.27	5.7	4
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	5.15	12:45	8.12	8.19	33.15	21.42	5.9	2.5
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	5.15	12:45	8.02	8.26	33.04	21.36	6.0	2.5
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	9.3	12:44	8.13	8.21	32.91	21.34	6.3	2.5
C1A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	9.3	12:44	8.09	8.21	33.18	21.43	6.1	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.39	8.31	31.65	21.21	4.6	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	12:46	8.41	8.34	31.9	21.17	4.0	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	6	12:45	8.5	8.31	31.88	21.26	4.9	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	6	12:45	8.52	8.33	31.61	21.23	5.0	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	11	12:44	8.32	8.36	31.64	21.34	5.4	2.5
C2A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	11	12:44	8.36	8.38	31.74	21.16	5.1	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	14:10	8.52	8.29	32.54	21.4	2.1	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	14:10	8.51	8.34	32.34	21.36	2.4	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	6.8	14:09	8.55	8.28	32.42	21.43	2.6	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	6.8	14:09	8.45	8.29	32.48	21.42	3.1	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	12.6	14:08	8.39	8.3	32.4	21.33	3.4	2.5
CR1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	12.6	14:08	8.47	8.32	32.32	21.39	3.4	2.5
CR2	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:56	9.55	8.3	33.05	21.36	5.0	2.5
CR2	20230209	, Cloudy	Moderate	Mid-Ebb	Surface	1	13:56	9.51	8.22	33	21.37	5.0	2.5
CR2	20230209	, Cloudy	Moderate	Mid-Ebb	Middle	5.75	13:55	9.42	8.28	33.16	21.2	4.3	2.5
CR2	20230209	, Cloudy	Moderate	Mid-Ebb	Middle	5.75	13:55	9.54	8.25	32.87	21.3	4.8	2.5
CR2	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	10.5	13:54	9.62	8.22	33.18	21.2	5.7	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR2	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	10.5	13:54	9.59	8.24	32.93	21.31	5.1	3
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:30	9.33	8.31	33.14	21.42	4.2	2.5
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:30	9.35	8.33	33.4	21.49	3.7	2.5
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.3	13:29	9.27	8.36	33.14	21.5	3.8	2.5
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.3	13:29	9.33	8.37	33.23	21.47	4.4	2.5
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.6	13:28	9.27	8.36	33.11	21.54	5.0	2.5
F1A	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.6	13:28	9.23	8.37	33.39	21.52	4.8	2.5
H1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:45	9.1	8.24	31.89	21.16	3.8	4
H1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:45	9.27	8.2	31.7	21.16	3.7	2.5
H1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.25	13:44	9.22	8.26	31.88	21.13	3.3	2.5
H1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.25	13:44	9.29	8.27	31.84	21.24	3.5	2.5
H1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.5	13:43	9.27	8.25	31.83	21.3	3.3	2.5
H1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.5	13:43	9.05	8.27	31.8	21.29	3.1	2.5
M1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:52	8.11	8.31	32.07	21.37	5.0	2.5
M1	20230209	Cloudy	Moderate	Mid-Ebb	Surface	1	13:52	8.16	8.34	32.14	21.28	4.9	3
M1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.45	13:51	8.25	8.33	32.22	21.31	4.5	2.5
M1	20230209	Cloudy	Moderate	Mid-Ebb	Middle	4.45	13:51	8.2	8.35	32.31	21.37	4.7	2.5
M1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.9	13:50	8.11	8.3	32.39	21.38	5.1	2.5
M1	20230209	Cloudy	Moderate	Mid-Ebb	Bottom	7.9	13:50	8.14	8.34	32.05	21.28	5.6	2.5
B1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:15	9.6	8.3	32.2	21.21	4.7	7
B1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:15	9.44	8.32	32.12	21.18	4.4	7
B1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.9	09:14	9.58	8.3	32.17	21.12	4.9	3
B1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.9	09:14	9.61	8.26	31.96	21.19	5.4	2.5
B2	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:30	8.25	8.32	33.73	21.56	2.6	2.5
B2	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:30	8.16	8.28	33.87	21.53	3.1	2.5
B2	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.6	09:29	8.27	8.27	33.76	21.58	3.1	2.5
B2	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.6	09:29	8.23	8.32	33.6	21.59	3.1	3
В3	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:55	9.5	8.22	33.2	21.23	4.7	3
В3	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:55	9.45	8.25	33.18	21.14	4.9	3
В3	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.7	09:54	9.5	8.22	33.27	21.2	5.4	4
В3	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.7	09:54	9.6	8.31	32.98	21.18	5.1	2.5
B4	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:45	9.42	8.29	32.06	21.44	4.4	5
B4	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:45	9.39	8.3	32.34	21.46	3.9	8
B4	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.8	09:44	9.45	8.28	32.22	21.37	4.9	8
B4	20230211	Cloudy	Moderate	Mid-Flood	Bottom	3.8	09:44	9.4	8.38	32.05	21.44	5.0	6
C1A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:50	9.36	8.26	33.73	21.63	4.7	3
C1A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:50	9.35	8.34	33.56	21.54	4.9	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C1A	20230211	Cloudy	Moderate	Mid-Flood	Middle	6	08:49	9.42	8.28	33.74	21.52	4.9	3
C1A	20230211	Cloudy	Moderate	Mid-Flood	Middle	6	08:49	9.29	8.33	33.81	21.53	5.0	6
C1A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	11	08:48	9.37	8.29	33.73	21.52	5.2	2.5
C1A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	11	08:48	9.4	8.3	33.66	21.64	4.9	4
C2A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:05	9.39	8.25	32.01	21.45	6.0	2.5
C2A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:05	9.27	8.29	32.09	21.42	5.1	2.5
C2A	20230211	Cloudy	Moderate	Mid-Flood	Middle	5.9	08:04	9.2	8.27	32.11	21.33	5.7	7
C2A	20230211	Cloudy	Moderate	Mid-Flood	Middle	5.9	08:04	9.35	8.32	32.08	21.45	6.1	7
C2A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	10.8	08:03	9.38	8.32	32.16	21.42	5.9	4
C2A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	10.8	08:03	9.38	8.29	32.19	21.37	6.2	6
CR1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:22	9.32	8.36	32.82	21.27	4.3	4
CR1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:22	9.48	8.4	32.72	21.32	4.6	7
CR1	20230211	Cloudy	Moderate	Mid-Flood	Middle	6.3	08:21	9.46	8.29	32.71	21.35	4.2	4
CR1	20230211	Cloudy	Moderate	Mid-Flood	Middle	6.3	08:21	9.33	8.34	32.74	21.29	4.5	5
CR1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	11.6	08:20	9.34	8.31	32.87	21.33	5.0	5
CR1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	11.6	08:20	9.46	8.31	32.71	21.23	4.6	6
CR2	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:36	9.32	8.31	32.62	21.27	3.4	4
CR2	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	08:36	9.46	8.34	32.34	21.29	3.8	5
CR2	20230211	Cloudy	Moderate	Mid-Flood	Middle	5.65	08:35	9.36	8.31	32.58	21.28	4.1	4
CR2	20230211	Cloudy	Moderate	Mid-Flood	Middle	5.65	08:35	9.35	8.38	32.6	21.26	3.5	2.5
CR2	20230211	Cloudy	Moderate	Mid-Flood	Bottom	10.3	08:34	9.48	8.28	32.47	21.32	4.0	3
CR2	20230211	Cloudy	Moderate	Mid-Flood	Bottom	10.3	08:34	9.51	8.33	32.39	21.33	4.1	2.5
F1A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:12	8.31	8.32	31.91	21.53	3.8	2.5
F1A	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:12	8.22	8.35	32.17	21.63	4.0	4
F1A	20230211	Cloudy	Moderate	Mid-Flood	Middle	3.95	09:11	8.28	8.27	32.07	21.53	3.5	4
F1A	20230211	Cloudy	Moderate	Mid-Flood	Middle	3.95	09:11	8.3	8.33	31.91	21.67	3.9	4
F1A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	6.9	09:10	8.29	8.33	32.27	21.54	4.2	3
F1A	20230211	Cloudy	Moderate	Mid-Flood	Bottom	6.9	09:10	8.19	8.34	31.94	21.57	4.6	5
H1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:57	8.77	8.29	32.37	21.48	3.7	4
H1	20230211	Cloudy	Moderate	Mid-Flood	Surface	1	09:57	8.81	8.27	32.39	21.5	4.0	6
H1	20230211	Cloudy	Moderate	Mid-Flood	Middle	4.2	09:56	8.86	8.31	32.42	21.38	3.5	4
H1	20230211	Cloudy	Moderate	Mid-Flood	Middle	4.2	09:56	8.84	8.3	32.6	21.5	3.6	4
H1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	7.4	09:55	8.81	8.31	32.34	21.51	3.9	3
H1	20230211	, Cloudy	Moderate	Mid-Flood	Bottom	7.4	09:55	8.8	8.31	32.34	21.4	4.7	4
M1	20230211	, Cloudy	Moderate	Mid-Flood	Surface	1	08:51	9.18	8.27	33.09	21.3	3.6	3
M1	20230211	, Cloudy	Moderate	Mid-Flood	Surface	1	08:51	9.24	8.3	33.18	21.24	3.6	2.5
M1	20230211	Cloudy	Moderate	Mid-Flood	Middle	3.9	08:50	9.22	8.32	33.03	21.25	3.6	4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
M1	20230211	Cloudy	Moderate	Mid-Flood	Middle	3.9	08:50	9.21	8.3	32.91	21.23	3.8	3
M1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	6.8	08:49	9.15	8.29	33.24	21.31	3.2	2.5
M1	20230211	Cloudy	Moderate	Mid-Flood	Bottom	6.8	08:49	9.18	8.27	33.18	21.28	3.7	4
B1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:26	8.96	8.29	33.28	21.47	3.1	2.5
B1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:26	8.98	8.31	33.35	21.37	2.7	2.5
B1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	14:25	8.92	8.3	33.31	21.39	3.3	3
B1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	14:25	8.98	8.31	33.22	21.37	3.0	3
B2	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:37	8.57	8.27	32.85	21.12	3.0	5
B2	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:37	8.49	8.29	32.58	21.21	3.3	5
B2	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4	14:36	8.46	8.28	32.8	21.16	3.2	2.5
B2	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4	14:36	8.54	8.29	32.58	21.17	3.8	2.5
В3	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:14	9.03	8.23	32.22	21.45	3.2	3
В3	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:14	9.01	8.28	32.35	21.47	3.7	2.5
В3	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	14:13	9.14	8.24	32.3	21.45	4.3	2.5
В3	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	4.3	14:13	9.12	8.27	32.39	21.43	3.7	3
B4	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:24	8.82	8.38	32.71	21.19	4.1	4
B4	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:24	8.97	8.4	32.84	21.27	3.6	5
B4	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	14:23	8.95	8.32	32.65	21.22	4.0	2.5
B4	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	14:23	8.8	8.36	32.77	21.2	3.5	2.5
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:03	9.5	8.25	32.73	21.52	5.4	2.5
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:03	9.38	8.29	32.75	21.46	5.8	3
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.35	14:02	9.5	8.28	32.84	21.46	6.1	2.5
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.35	14:02	9.52	8.28	32.69	21.57	6.2	2.5
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	9.7	14:01	9.44	8.25	32.73	21.47	6.5	2.5
C1A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	9.7	14:01	9.46	8.34	32.98	21.53	6.1	2.5
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:03	9.53	8.29	32.47	21.29	4.9	5
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:03	9.64	8.31	32.32	21.31	4.7	3
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.9	14:02	9.51	8.25	32.62	21.29	4.9	7
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.9	14:02	9.54	8.34	32.35	21.36	4.8	6
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	10.8	14:01	9.5	8.25	32.67	21.3	5.6	4
C2A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	10.8	14:01	9.62	8.25	32.58	21.3	5.0	2.5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:25	8.31	8.24	32.31	21.39	3.1	2.5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:25	8.42	8.31	32.18	21.41	2.9	2.5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	6.25	15:24	8.44	8.23	32.35	21.41	3.0	2.5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	6.25	15:24	8.34	8.3	32.34	21.42	3.6	2.5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	15:23	8.3	8.3	32.03	21.31	4.0	5
CR1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	15:23	8.28	8.3	32.3	21.36	3.9	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:13	9.3	8.33	31.99	21.45	3.0	2.5
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:13	9.28	8.36	31.78	21.46	2.9	2.5
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.85	15:12	9.31	8.32	32.02	21.4	3.4	3
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Middle	5.85	15:12	9.39	8.37	32	21.49	3.0	2.5
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	15:11	9.35	8.3	31.83	21.43	4.0	3
CR2	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	15:11	9.27	8.38	31.87	21.42	3.5	3
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:46	9.14	8.33	31.67	21.47	4.7	2.5
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	14:46	9.2	8.39	31.7	21.49	5.1	2.5
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.55	14:45	9.1	8.38	31.84	21.45	5.3	3
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.55	14:45	9.13	8.44	31.96	21.53	4.5	3
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	8.1	14:44	9.18	8.37	31.95	21.44	5.4	4
F1A	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	8.1	14:44	9.06	8.42	31.75	21.45	5.3	2.5
H1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:01	8.91	8.25	32.32	21.26	3.3	4
H1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:01	8.78	8.34	32.31	21.22	3.3	6
H1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.1	15:00	8.79	8.24	32.22	21.27	3.7	4
H1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.1	15:00	8.76	8.25	32.2	21.22	3.1	2.5
H1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	7.2	14:59	8.79	8.24	32.25	21.27	3.6	6
H1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	7.2	14:59	8.76	8.33	32.36	21.23	3.1	4
M1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:06	9.26	8.27	32.77	21.33	3.6	13
M1	20230211	Cloudy	Moderate	Mid-Ebb	Surface	1	15:06	9.37	8.36	32.78	21.35	3.8	14
M1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.9	15:05	9.25	8.28	32.73	21.42	3.7	5
M1	20230211	Cloudy	Moderate	Mid-Ebb	Middle	4.9	15:05	9.25	8.31	32.64	21.4	3.9	3
M1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	8.8	15:04	9.28	8.29	32.66	21.38	4.4	4
M1	20230211	Cloudy	Moderate	Mid-Ebb	Bottom	8.8	15:04	9.26	8.3	32.89	21.38	3.9	2.5
B1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:03	9.14	8.24	33.03	21.76	2.7	2.5
B1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:03	9.01	8.3	33.15	21.83	2.7	4
B1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.2	11:02	9.06	8.29	32.96	21.91	3.0	4
B1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.2	11:02	9.02	8.3	32.99	21.91	2.7	5
B2	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	10:47	7.99	8.34	32.5	21.6	3.1	4
B2	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	10:47	8.13	8.36	32.23	21.74	2.7	2.5
B2	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.5	10:46	8.08	8.3	32.42	21.68	3.7	4
B2	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.5	10:46	8.05	8.31	32.27	21.6	3.4	2.5
В3	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:22	8.76	8.25	33.08	21.41	4.2	4
В3	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:22	8.79	8.25	33.25	21.56	3.8	3
В3	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.1	12:21	8.75	8.21	33.19	21.48	4.5	3
В3	20230214	Cloudy	Moderate	Mid-Flood	Bottom	4.1	12:21	8.66	8.22	32.97	21.6	4.6	3
B4	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:12	8.62	8.24	32.47	21.58	3.4	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B4	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:12	8.58	8.28	32.62	21.59	3.5	9
B4	20230214	Cloudy	Moderate	Mid-Flood	Bottom	3.4	12:11	8.47	8.22	32.45	21.61	4.0	2.5
B4	20230214	Cloudy	Moderate	Mid-Flood	Bottom	3.4	12:11	8.47	8.34	32.57	21.6	3.7	3
C1A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:30	8.7	8.42	32.76	21.76	3.7	2.5
C1A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:30	8.69	8.21	32.88	21.83	3.5	2.5
C1A	20230214	Cloudy	Moderate	Mid-Flood	Middle	5.05	11:29	8.66	8.42	32.77	21.69	3.8	4
C1A	20230214	Cloudy	Moderate	Mid-Flood	Middle	5.05	11:29	8.59	8.22	32.96	21.77	3.8	3
C1A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	9.1	11:28	8.58	8.38	32.8	21.85	4.9	4
C1A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	9.1	11:28	8.61	8.23	32.92	21.83	4.5	8
C2A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	10:07	8.52	8.31	33.66	21.57	5.0	4
C2A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	10:07	8.55	8.37	33.59	21.58	5.0	2.5
C2A	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.1	10:06	8.43	8.33	33.72	21.54	5.2	7
C2A	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.1	10:06	8.5	8.39	33.78	21.62	5.4	5
C2A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.2	10:05	8.45	8.34	33.81	21.65	5.8	8
C2A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.2	10:05	8.53	8.21	33.58	21.67	5.6	5
CR1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:28	8.71	8.21	33.19	21.74	3.7	7
CR1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:28	8.62	8.3	33.12	21.75	4.2	5
CR1	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.35	12:27	8.71	8.23	33.2	21.69	4.3	3
CR1	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.35	12:27	8.7	8.3	33.33	21.69	4.4	4
CR1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.7	12:26	8.78	8.25	33.18	21.73	5.2	8
CR1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.7	12:26	8.73	8.3	33.13	21.74	4.7	7
CR2	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:08	7.97	8.27	32.82	21.7	3.8	4
CR2	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	12:08	7.97	8.32	32.86	21.64	4.4	8
CR2	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.15	12:07	8.09	8.29	32.88	21.82	4.1	10
CR2	20230214	Cloudy	Moderate	Mid-Flood	Middle	6.15	12:07	7.97	8.33	33.06	21.82	4.6	5
CR2	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.3	12:06	7.97	8.31	32.87	21.7	4.7	6
CR2	20230214	Cloudy	Moderate	Mid-Flood	Bottom	11.3	12:06	8	8.33	32.85	21.82	5.0	4
F1A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:39	8.34	8.28	32.87	21.56	4.1	4
F1A	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:39	8.32	8.3	32.87	21.53	3.7	5
F1A	20230214	Cloudy	Moderate	Mid-Flood	Middle	4.1	11:38	8.37	8.23	32.93	21.51	3.9	6
F1A	20230214	Cloudy	Moderate	Mid-Flood	Middle	4.1	11:38	8.24	8.3	32.93	21.55	4.3	10
F1A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	7.2	11:37	8.4	8.24	32.72	21.66	4.7	5
F1A	20230214	Cloudy	Moderate	Mid-Flood	Bottom	7.2	11:37	8.37	8.27	32.83	21.69	4.8	4
H1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:53	9.01	8.4	33.12	21.56	3.8	3
H1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:53	8.97	8.32	32.94	21.64	3.8	4
H1	20230214	Cloudy	Moderate	Mid-Flood	Middle	3.95	11:52	8.85	8.25	33.17	21.67	3.3	12
H1	20230214	Cloudy	Moderate	Mid-Flood	Middle	3.95	11:52	9	8.26	33.08	21.59	3.8	11

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
H1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	6.9	11:51	8.86	8.41	33.17	21.58	4.2	14
H1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	6.9	11:51	9.01	8.32	33.19	21.66	3.8	14
M1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:18	9.33	8.36	32.47	21.92	4.1	3
M1	20230214	Cloudy	Moderate	Mid-Flood	Surface	1	11:18	9.42	8.37	32.61	21.84	3.9	2.5
M1	20230214	Cloudy	Moderate	Mid-Flood	Middle	4.7	11:17	9.48	8.32	32.62	21.86	3.2	13
M1	20230214	Cloudy	Moderate	Mid-Flood	Middle	4.7	11:17	9.44	8.37	32.52	21.83	3.2	14
M1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	8.4	11:16	9.45	8.33	32.42	21.86	4.3	10
M1	20230214	Cloudy	Moderate	Mid-Flood	Bottom	8.4	11:16	9.41	8.29	32.54	21.81	4.6	6
B1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:33	8.7	8.25	33.15	21.63	3.1	4
B1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:33	8.57	8.29	33.01	21.54	3.5	3
B1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	17:32	8.68	8.38	32.95	21.5	4.6	11
B1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.4	17:32	8.52	8.26	33.1	21.61	3.9	8
B2	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:46	9.35	8.37	34.32	21.63	2.8	10
B2	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:46	9.35	8.4	34.36	21.62	3.2	7
B2	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	17:45	9.16	8.33	34.19	21.64	3.7	6
B2	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.6	17:45	9.37	8.43	34.31	21.65	4.2	5
В3	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:10	8.9	8.38	32.85	21.54	4.5	11
В3	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:10	8.85	8.38	32.88	21.62	4.3	7
В3	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.3	17:09	8.89	8.3	32.9	21.56	4.5	7
В3	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	3.3	17:09	8.86	8.31	32.89	21.55	4.3	12
B4	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:20	8.81	8.3	34.14	21.73	2.8	5
B4	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:20	8.71	8.38	34.14	21.76	3.2	8
B4	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	17:19	8.7	8.36	34.06	21.83	4.0	11
B4	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	17:19	8.7	8.38	34.04	21.72	3.5	7
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:11	8.45	8.36	34.32	21.68	4.6	5
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:11	8.58	8.39	34.27	21.64	4.4	6
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Middle	5.85	17:10	8.41	8.26	34.32	21.6	4.9	5
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Middle	5.85	17:10	8.47	8.27	34.2	21.65	4.7	6
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	17:09	8.5	8.25	34.27	21.67	5.5	5
C1A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	10.7	17:09	8.49	8.29	34.26	21.78	5.0	4
C2A	20230214	, Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.59	8.28	34.11	21.66	3.8	5
C2A	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.55	8.31	34.09	21.62	3.7	4
C2A	20230214	, Cloudy	Moderate	Mid-Ebb	Middle	5.65	18:42	8.62	8.33	34.14	21.7	4.5	3
C2A	20230214	Cloudy	Moderate	Mid-Ebb	Middle	5.65	18:42	8.5	8.33	34.04	21.64	4.5	4
C2A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	10.3	18:41	8.61	8.3	34.19	21.55	4.7	4
C2A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	10.3	18:41	8.66	8.35	34.01	21.69	4.4	4
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:29	8.35	8.29	33.62	21.89	3.2	7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:29	8.41	8.35	33.4	21.97	2.9	4
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	6.25	18:28	8.37	8.29	33.57	21.93	3.7	4
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	6.25	18:28	8.53	8.33	33.44	21.97	3.6	2.5
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	18:27	8.41	8.35	33.58	21.92	3.8	7
CR1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	11.5	18:27	8.4	8.36	33.51	21.82	4.1	5
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:19	8.85	8.39	33.59	21.6	4.4	7
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:19	8.83	8.24	33.46	21.68	3.9	5
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Middle	5.4	18:18	9.04	8.26	33.57	21.59	3.6	6
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Middle	5.4	18:18	9.03	8.3	33.5	21.57	3.5	4
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	9.8	18:17	8.9	8.39	33.57	21.6	4.6	3
CR2	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	9.8	18:17	9.02	8.28	33.47	21.53	4.4	4
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:39	9.25	8.28	32.98	21.9	3.3	4
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:39	9.2	8.28	32.96	21.87	3.3	5
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:38	9.21	8.37	32.95	21.94	3.6	6
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:38	9.3	8.37	32.92	21.87	3.5	10
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:37	9.38	8.27	32.99	21.92	3.7	5
F1A	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:37	9.34	8.29	33	21.91	3.5	4
H1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:10	8.92	8.27	33.5	21.66	3.3	3
H1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	18:10	8.91	8.37	33.43	21.55	3.4	4
H1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	3.95	18:09	8.72	8.33	33.55	21.63	3.9	12
H1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	3.95	18:09	8.72	8.35	33.48	21.67	4.1	11
H1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	18:08	8.82	8.29	33.46	21.55	3.8	14
H1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	6.9	18:08	8.85	8.31	33.53	21.59	3.4	14
M1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:56	9.22	8.26	33.51	21.67	3.3	3
M1	20230214	Cloudy	Moderate	Mid-Ebb	Surface	1	17:56	9.37	8.3	33.35	21.67	3.4	2.5
M1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:55	9.26	8.27	33.36	21.68	3.5	13
M1	20230214	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:55	9.28	8.29	33.4	21.7	3.5	14
M1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:54	9.34	8.34	33.48	21.76	3.1	10
M1	20230214	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:54	9.28	8.34	33.37	21.75	3.6	6
B1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:21	9.06	8.35	33.26	21.15	3.6	6
B1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:21	9.01	8.38	33.2	20.95	3.3	5
B1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	4.1	09:20	9.06	8.35	33.09	21.07	3.6	7
B1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	4.1	09:20	9.03	8.35	33.13	20.95	3.6	5
B2	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:40	8.08	8.25	33.74	20.74	3.4	6
B2	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:40	8.24	8.24	33.74	20.89	3.7	6
B2	20230216	Cloudy	Moderate	Mid-Flood	Bottom	3.5	09:39	8.19	8.23	33.57	20.86	3.8	3
B2	20230216	Cloudy	Moderate	Mid-Flood	Bottom	3.5	09:39	8.12	8.24	33.68	20.76	3.8	2.5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B3	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:15	8.78	8.31	32.82	21.01	4.3	6
B3	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:15	8.88	8.36	32.67	20.86	4.4	6
B3	20230216	Cloudy	Moderate	Mid-Flood	Bottom	3.7	10:14	8.84	8.29	32.66	20.99	4.1	5
B3	20230216	Cloudy	Moderate	Mid-Flood	Bottom	3.7	10:14	8.9	8.3	32.7	20.94	4.4	5
B4	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:05	8.58	8.24	33.6	20.68	3.8	5
B4	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:05	8.53	8.25	33.65	20.71	3.5	6
B4	20230216	Cloudy	Moderate	Mid-Flood	Bottom	4.6	10:04	8.56	8.22	33.61	20.61	4.6	4
B4	20230216	Cloudy	Moderate	Mid-Flood	Bottom	4.6	10:04	8.64	8.22	33.53	20.59	4.7	5
C1A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:51	8.35	8.29	33.52	20.72	4.2	3
C1A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:51	8.29	8.2	33.62	20.68	4.3	6
C1A	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.55	08:50	8.41	8.21	33.69	20.63	4.4	2.5
C1A	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.55	08:50	8.42	8.25	33.66	20.65	4.2	4
C1A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.1	08:49	8.34	8.29	33.55	20.58	4.8	3
C1A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.1	08:49	8.31	8.23	33.69	20.75	4.5	3
C2A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:02	9.19	8.3	32.85	21.1	4.6	3
C2A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:02	9.22	8.34	32.75	21.1	4.7	4
C2A	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.7	08:01	9.23	8.27	32.88	20.98	5.0	3
C2A	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.7	08:01	9.19	8.35	32.78	21.03	5.0	2.5
C2A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.4	08:00	9.2	8.32	32.92	21.12	5.6	8
C2A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.4	08:00	9.19	8.36	32.93	21.11	5.1	4
CR1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:21	9.26	8.26	32.41	20.75	3.7	2.5
CR1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:21	9.23	8.3	32.29	20.61	3.9	3
CR1	20230216	Cloudy	Moderate	Mid-Flood	Middle	6.3	08:20	9.22	8.29	32.23	20.76	3.9	3
CR1	20230216	Cloudy	Moderate	Mid-Flood	Middle	6.3	08:20	9.26	8.29	32.33	20.7	3.9	3
CR1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	11.6	08:19	9.29	8.32	32.27	20.59	4.2	4
CR1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	11.6	08:19	9.29	8.34	32.33	20.64	3.9	3
CR2	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:36	8.21	8.32	32.94	20.84	3.5	6
CR2	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	08:36	8.21	8.35	32.98	20.72	3.3	5
CR2	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.75	08:35	8.33	8.28	32.75	20.69	3.4	4
CR2	20230216	Cloudy	Moderate	Mid-Flood	Middle	5.75	08:35	8.23	8.34	32.9	20.74	3.4	3
CR2	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.5	08:34	8.27	8.28	32.94	20.87	3.1	3
CR2	20230216	Cloudy	Moderate	Mid-Flood	Bottom	10.5	08:34	8.27	8.32	32.88	20.87	3.1	2.5
F1A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:34	9.18	8.33	32.81	21.11	2.7	2.5
F1A	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:34	9.13	8.34	32.83	21.1	2.8	3
F1A	20230216	Cloudy	Moderate	Mid-Flood	Middle	3.8	09:33	9.1	8.39	32.73	21.07	3.0	3
F1A	20230216	Cloudy	Moderate	Mid-Flood	Middle	3.8	09:33	9.1	8.34	32.78	21	2.9	4
F1A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	6.6	09:32	9.17	8.34	32.86	21.1	3.3	4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
F1A	20230216	Cloudy	Moderate	Mid-Flood	Bottom	6.6	09:32	9.15	8.35	32.79	21.08	3.2	7
H1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:08	8.76	8.23	32.36	20.76	3.1	6
H1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	10:08	8.75	8.25	32.25	20.75	2.9	4
H1	20230216	Cloudy	Moderate	Mid-Flood	Middle	4.3	10:07	8.84	8.23	32.35	20.81	3.3	5
H1	20230216	Cloudy	Moderate	Mid-Flood	Middle	4.3	10:07	8.83	8.28	32.22	20.77	3.4	7
H1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	7.6	10:06	8.74	8.24	32.42	20.77	3.9	5
H1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	7.6	10:06	8.84	8.27	32.31	20.69	3.5	3
M1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:13	8.11	8.33	32.78	20.96	4.2	3
M1	20230216	Cloudy	Moderate	Mid-Flood	Surface	1	09:13	8.09	8.37	32.79	20.92	3.6	3
M1	20230216	Cloudy	Moderate	Mid-Flood	Middle	4.15	09:12	8.09	8.32	33.01	20.89	3.7	3
M1	20230216	Cloudy	Moderate	Mid-Flood	Middle	4.15	09:12	8.09	8.34	32.95	20.84	4.2	3
M1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	7.3	09:11	8.09	8.32	32.9	20.91	4.6	6
M1	20230216	Cloudy	Moderate	Mid-Flood	Bottom	7.3	09:11	8.11	8.33	32.92	20.82	4.4	5
B1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:44	8.48	8.27	32.69	20.89	3.5	3
B1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:44	8.41	8.32	32.62	20.89	3.2	4
B1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	17:43	8.36	8.27	32.6	20.89	3.5	6
B1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	17:43	8.31	8.33	32.55	20.99	3.7	6
B2	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:57	9.07	8.32	33.23	20.83	3.2	7
B2	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:57	9.12	8.26	33.15	20.8	3.1	5
B2	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	17:56	9.1	8.25	33.12	20.89	3.0	7
B2	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	17:56	9.09	8.28	33.16	20.87	3.4	6
B3	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:21	8.78	8.25	32.4	21.02	3.7	4
B3	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:21	8.73	8.29	32.45	20.92	3.6	6
B3	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	17:20	8.71	8.3	32.41	20.9	4.5	6
B3	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	17:20	8.77	8.32	32.41	20.91	4.3	5
B4	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:31	9.33	8.28	33.14	20.9	3.2	6
B4	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:31	9.3	8.22	33.09	21.06	3.4	6
B4	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	4	17:30	9.34	8.28	32.95	20.87	4.1	5
B4	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	4	17:30	9.35	8.31	33.09	20.96	3.9	6
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.79	8.28	32.97	20.83	5.4	11
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:22	8.78	8.28	32.96	20.87	5.3	9
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.75	17:21	8.64	8.28	33.1	20.87	5.9	6
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.75	17:21	8.76	8.31	33.11	21.03	5.9	4
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	8.5	17:20	8.72	8.26	33.15	20.83	5.7	10
C1A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	8.5	17:20	8.79	8.27	33.15	20.85	5.8	9
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:58	9.38	8.25	32.28	20.95	4.3	6
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:58	9.34	8.33	32.32	20.83	4.4	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6	18:57	9.42	8.25	32.32	20.94	4.5	11
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6	18:57	9.46	8.33	32.26	20.94	4.5	9
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	11	18:56	9.45	8.25	32.35	20.93	4.7	11
C2A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	11	18:56	9.34	8.25	32.29	20.93	4.9	12
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.58	8.3	32.99	21.1	3.1	6
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:43	8.43	8.23	33.03	21.12	3.3	5
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6.8	18:42	8.57	8.25	33.09	21.08	3.8	8
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6.8	18:42	8.6	8.26	32.9	21.1	4.0	6
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	12.6	18:41	8.48	8.3	32.98	21.2	4.3	8
CR1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	12.6	18:41	8.45	8.23	32.94	21.16	4.3	6
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:32	8.72	8.3	33.2	21.02	3.5	4
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:32	8.86	8.33	33.32	21.05	3.4	6
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6.1	18:31	8.72	8.33	33.24	20.97	3.4	8
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Middle	6.1	18:31	8.86	8.37	33.27	20.93	3.4	8
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	18:30	8.71	8.35	33.32	20.98	4.5	6
CR2	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	11.2	18:30	8.85	8.38	33.4	21.03	4.4	10
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:49	8.01	8.27	33.28	20.88	3.6	4
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	17:49	7.88	8.3	33.41	20.87	4.2	5
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:48	7.95	8.24	33.29	20.86	4.6	5
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.15	17:48	7.96	8.32	33.28	20.98	3.9	8
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:47	7.96	8.24	33.44	20.86	4.1	5
F1A	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	7.3	17:47	7.96	8.26	33.25	20.97	4.6	6
H1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:21	8.07	8.32	32.79	20.77	3.9	5
H1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:21	8.09	8.3	32.64	20.77	3.5	6
H1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.4	18:20	8.22	8.36	32.67	20.71	3.8	6
H1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.4	18:20	8.25	8.37	32.88	20.89	3.6	5
H1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	7.8	18:19	8.09	8.35	32.82	20.75	3.7	4
H1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	7.8	18:19	8.13	8.32	32.76	20.74	3.7	5
M1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:06	8.84	8.32	33.86	20.93	3.9	10
M1	20230216	Cloudy	Moderate	Mid-Ebb	Surface	1	18:06	8.84	8.34	33.92	20.95	3.6	7
M1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.6	18:05	8.68	8.31	33.9	20.93	4.3	6
M1	20230216	Cloudy	Moderate	Mid-Ebb	Middle	4.6	18:05	8.76	8.31	33.87	20.9	3.7	7
M1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	8.2	18:04	8.74	8.32	34.07	20.86	4.2	9
M1	20230216	Cloudy	Moderate	Mid-Ebb	Bottom	8.2	18:04	8.72	8.35	33.97	20.85	4.9	7
B1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:32	8.86	8.15	32.62	20.43	3.1	6
B1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:32	8.95	8.16	32.56	20.52	2.6	5
B1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	10:31	8.89	8.14	32.56	20.46	3.0	4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	4.2	10:31	8.97	8.15	32.66	20.48	2.8	2.5
B2	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:48	8.51	8.26	33.9	20.71	2.7	5
B2	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:48	8.44	8.19	33.84	20.65	2.5	5
B2	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	10:47	8.47	8.2	33.8	20.73	2.6	2.5
B2	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	4.5	10:47	8.51	8.23	33.98	20.71	2.5	4
B3	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	12:39	9.54	8.16	32.85	20.64	3.5	3
B3	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	12:39	9.48	8.16	32.59	20.64	3.0	4
B3	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	12:38	9.45	8.16	32.75	20.75	3.4	9
B3	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	3.9	12:38	9.57	8.1	32.81	20.64	3.5	8
B4	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	12:29	9.52	8.28	32.45	20.2	4.1	8
B4	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	12:29	9.46	8.27	32.28	20.19	3.6	9
B4	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	12:28	9.36	8.29	32.4	20.27	4.6	5
B4	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	3.5	12:28	9.44	8.23	32.28	20.26	4.1	7
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:04	8.47	8.26	33.43	20.43	5.5	3
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	10:04	8.37	8.2	33.59	20.36	5.7	4
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.45	10:03	8.35	8.2	33.44	20.34	5.9	5
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.45	10:03	8.48	8.21	33.42	20.33	5.7	4
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	9.9	10:02	8.37	8.2	33.39	20.32	6.1	7
C1A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	9.9	10:02	8.38	8.2	33.38	20.37	5.8	10
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:59	9.48	8.33	33.05	20.51	4.7	13
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:59	9.36	8.32	33.07	20.44	4.4	10
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.75	11:58	9.52	8.33	33.05	20.4	5.1	7
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.75	11:58	9.53	8.32	33.13	20.55	4.8	6
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	10.5	11:57	9.46	8.33	33.27	20.45	4.7	4
C2A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	10.5	11:57	9.46	8.36	33.23	20.56	5.0	4
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:41	8.79	8.26	33.08	20.21	3.5	4
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:41	8.83	8.26	33.13	20.29	3.0	7
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	6.85	11:40	8.89	8.3	33.01	20.32	3.2	6
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	6.85	11:40	8.87	8.3	32.9	20.22	3.6	7
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	11:39	8.86	8.3	32.91	20.32	3.6	7
CR1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	12.7	11:39	8.94	8.29	33.16	20.26	4.1	7
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:28	8.27	8.18	33.41	20.35	3.0	6
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:28	8.38	8.18	33.26	20.33	3.2	3
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.95	11:27	8.36	8.19	33.41	20.34	3.5	7
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Middle	5.95	11:27	8.4	8.16	33.43	20.33	3.3	4
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	10.9	11:26	8.35	8.17	33.47	20.33	4.1	6
CR2	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	10.9	11:26	8.32	8.15	33.32	20.33	4.3	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:57	8.87	8.31	33.53	20.74	3.9	5
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:57	8.74	8.33	33.36	20.74	4.2	5
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.2	11:56	8.82	8.33	33.36	20.73	3.6	8
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.2	11:56	8.88	8.28	33.37	20.63	4.0	6
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	11:55	8.88	8.34	33.39	20.76	3.6	3
F1A	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.4	11:55	8.88	8.33	33.43	20.64	4.0	6
H1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:15	9.17	8.12	32.44	20.72	3.2	9
H1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:15	9.11	8.11	32.19	20.6	3.3	5
H1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.05	11:14	9.15	8.09	32.39	20.67	3.7	11
H1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.05	11:14	9.17	8.11	32.22	20.69	3.1	9
H1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	11:13	9.07	8.1	32.26	20.6	3.8	9
H1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.1	11:13	9.06	8.1	32.19	20.73	3.9	5
M1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:35	8.26	8.31	33.63	20.68	4.5	6
M1	20230218	Cloudy	Moderate	Mid-Ebb	Surface	1	11:35	8.23	8.32	33.77	20.65	4.1	5
M1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.35	11:34	8.24	8.28	33.81	20.53	4.0	9
M1	20230218	Cloudy	Moderate	Mid-Ebb	Middle	4.35	11:34	8.38	8.34	33.8	20.64	4.0	5
M1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.7	11:33	8.22	8.32	33.83	20.52	4.4	8
M1	20230218	Cloudy	Moderate	Mid-Ebb	Bottom	7.7	11:33	8.35	8.29	33.69	20.61	5.0	6
B1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	9.67	8.09	33.13	20.57	3.5	4
B1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:34	9.61	8.11	33.14	20.39	3.3	4
B1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.5	14:33	9.57	8.08	33.12	20.37	3.2	4
B1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.5	14:33	9.59	8.1	33.14	20.55	3.7	5
B2	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:46	9.26	8.15	33.72	20.6	3.4	9
B2	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:46	9.29	8.1	33.75	20.59	3.4	5
B2	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.7	14:45	9.3	8.17	33.83	20.74	3.4	4
B2	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.7	14:45	9.33	8.1	33.82	20.73	3.9	4
ВЗ	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:28	8.81	8.25	32.25	20.84	4.4	4
В3	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:28	8.8	8.26	32.29	20.66	4.0	8
В3	20230218	Cloudy	Moderate	Mid-Flood	Bottom	4.3	14:27	8.84	8.22	32.22	20.83	4.6	5
В3	20230218	Cloudy	Moderate	Mid-Flood	Bottom	4.3	14:27	8.8	8.27	32.21	20.76	4.4	9
B4	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:38	9.62	8.25	32.48	20.79	4.8	6
B4	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:38	9.56	8.21	32.52	20.72	4.7	6
B4	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.7	14:37	9.62	8.22	32.45	20.91	4.5	5
B4	20230218	Cloudy	Moderate	Mid-Flood	Bottom	3.7	14:37	9.61	8.25	32.51	20.85	4.7	9
C1A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:17	8.46	8.29	32.65	20.69	3.8	4
C1A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:17	8.49	8.28	32.57	20.7	3.5	4
C1A	20230218	Cloudy	Moderate	Mid-Flood	Middle	6	14:16	8.59	8.31	32.62	20.52	4.4	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C1A	20230218	Cloudy	Moderate	Mid-Flood	Middle	6	14:16	8.49	8.28	32.61	20.63	4.1	9
C1A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	11	14:15	8.51	8.35	32.65	20.58	4.3	6
C1A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	11	14:15	8.48	8.35	32.61	20.5	4.4	6
C2A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:12	8.24	8.24	32.87	20.83	4.7	8
C2A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	14:12	8.32	8.24	32.78	20.87	4.8	4
C2A	20230218	Cloudy	Moderate	Mid-Flood	Middle	5.85	14:11	8.34	8.24	32.74	20.72	5.0	7
C2A	20230218	Cloudy	Moderate	Mid-Flood	Middle	5.85	14:11	8.36	8.21	32.76	20.86	5.0	8
C2A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	10.7	14:10	8.22	8.25	32.82	20.79	5.4	6
C2A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	10.7	14:10	8.24	8.24	32.79	20.9	5.9	6
CR1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:34	9.39	8.1	33.61	20.72	2.4	4
CR1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:34	9.49	8.08	33.67	20.73	2.2	5
CR1	20230218	Cloudy	Moderate	Mid-Flood	Middle	6.05	15:33	9.39	8.13	33.61	20.69	3.3	4
CR1	20230218	Cloudy	Moderate	Mid-Flood	Middle	6.05	15:33	9.46	8.11	33.67	20.75	2.8	5
CR1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	11.1	15:32	9.43	8.12	33.6	20.77	3.1	8
CR1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	11.1	15:32	9.48	8.12	33.68	20.86	3.7	4
CR2	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:23	8.16	8.24	33.12	20.51	3.4	8
CR2	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:23	8.19	8.2	33.04	20.62	3.0	6
CR2	20230218	Cloudy	Moderate	Mid-Flood	Middle	5.8	15:22	8.13	8.21	33.07	20.66	2.6	4
CR2	20230218	Cloudy	Moderate	Mid-Flood	Middle	5.8	15:22	8.02	8.25	33.12	20.67	2.5	2.5
CR2	20230218	Cloudy	Moderate	Mid-Flood	Bottom	10.6	15:21	8.16	8.21	33.03	20.56	3.2	2.5
CR2	20230218	Cloudy	Moderate	Mid-Flood	Bottom	10.6	15:21	8.2	8.23	33.05	20.47	3.7	2.5
F1A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:00	9.05	8.09	32.85	20.89	3.3	6
F1A	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:00	9.09	8.06	32.85	20.93	3.7	7
F1A	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.3	14:59	9.14	8.12	32.83	20.79	3.9	8
F1A	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.3	14:59	9.01	8.07	32.73	20.84	3.4	5
F1A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.6	14:58	9.15	8.11	32.75	20.81	4.0	4
F1A	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.6	14:58	9.01	8.08	32.82	20.93	4.2	5
H1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:11	9.03	8.2	33.32	20.43	4.0	6
H1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:11	8.96	8.22	33.4	20.64	3.6	6
H1	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.3	15:10	9.05	8.23	33.4	20.44	3.9	5
H1	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.3	15:10	8.87	8.23	33.36	20.52	3.5	4
H1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.6	15:09	8.87	8.25	33.31	20.45	4.7	3
H1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.6	15:09	8.91	8.25	33.4	20.58	4.1	4
M1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:21	9.54	8.19	33.78	20.86	3.2	7
M1	20230218	Cloudy	Moderate	Mid-Flood	Surface	1	15:21	9.54	8.23	33.72	20.85	3.1	6
M1	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.1	15:20	9.48	8.24	33.82	20.92	3.4	4
M1	20230218	Cloudy	Moderate	Mid-Flood	Middle	4.1	15:20	9.44	8.22	33.72	20.85	3.3	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
M1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.2	15:19	9.38	8.19	33.79	20.84	3.7	8
M1	20230218	Cloudy	Moderate	Mid-Flood	Bottom	7.2	15:19	9.44	8.21	33.73	20.81	3.5	5
B1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:36	8.59	8.25	33.87	20.72	2.7	6
B1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:36	8.52	8.26	33.72	20.72	2.9	5
B1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	3.6	11:35	8.68	8.23	33.86	20.6	3.0	7
B1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	3.6	11:35	8.61	8.24	33.82	20.62	3.0	5
B2	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:53	8.62	8.18	34.18	20.57	3.6	5
B2	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:53	8.49	8.16	34.25	20.48	3.2	6
B2	20230220	Sunny	Moderate	Mid-Ebb	Bottom	4	11:52	8.63	8.22	34.16	20.45	3.5	3
B2	20230220	Sunny	Moderate	Mid-Ebb	Bottom	4	11:52	8.63	8.16	34.15	20.42	3.4	4
B3	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:23	9.11	8.21	32.71	20.97	3.9	5
B3	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:23	9.15	8.17	32.63	20.87	3.8	9
B3	20230220	Sunny	Moderate	Mid-Ebb	Bottom	4.1	13:22	9.21	8.19	32.65	20.93	4.1	6
B3	20230220	Sunny	Moderate	Mid-Ebb	Bottom	4.1	13:22	9.18	8.22	32.7	20.92	4.4	5
B4	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.93	8.34	33.84	20.76	3.9	3
B4	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.8	8.36	33.76	20.76	3.4	6
B4	20230220	Sunny	Moderate	Mid-Ebb	Bottom	3.8	13:12	8.94	8.29	33.85	20.72	4.1	3
B4	20230220	Sunny	Moderate	Mid-Ebb	Bottom	3.8	13:12	8.96	8.36	33.72	20.74	3.5	2.5
C1A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:11	8.8	8.2	32.98	20.94	4.9	4
C1A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	11:11	8.92	8.27	33.14	20.84	4.7	2.5
C1A	20230220	Sunny	Moderate	Mid-Ebb	Middle	5	11:10	8.9	8.2	33.05	20.9	4.9	4
C1A	20230220	Sunny	Moderate	Mid-Ebb	Middle	5	11:10	8.78	8.27	33.18	20.76	4.7	8
C1A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	9	11:09	8.94	8.2	33.15	20.88	5.0	3
C1A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	9	11:09	8.82	8.2	33.15	20.75	5.2	4
C2A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:03	8.57	8.26	34.33	20.97	4.4	3
C2A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	13:03	8.65	8.27	34.34	20.82	4.1	3
C2A	20230220	Sunny	Moderate	Mid-Ebb	Middle	6	13:02	8.59	8.28	34.23	20.82	3.7	3
C2A	20230220	Sunny	Moderate	Mid-Ebb	Middle	6	13:02	8.63	8.32	34.42	20.76	3.9	4
C2A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	11	13:01	8.62	8.3	34.21	20.94	4.5	5
C2A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	11	13:01	8.66	8.31	34.3	20.78	4.2	6
CR1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:45	9.15	8.19	33.13	20.95	4.0	5
CR1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:45	9.16	8.21	33.09	20.97	4.3	3
CR1	20230220	Sunny	Moderate	Mid-Ebb	Middle	6.75	12:44	9.2	8.22	33.13	20.82	4.2	3
CR1	20230220	Sunny	Moderate	Mid-Ebb	Middle	6.75	12:44	9.16	8.24	33.08	20.8	4.2	6
CR1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	12.5	12:43	9.31	8.21	33.1	20.99	4.2	3
CR1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	12.5	12:43	9.22	8.23	33.06	20.8	4.1	2.5
CR2	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:33	9.19	8.2	33.24	20.64	4.0	4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR2	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:33	9.19	8.25	33.2	20.66	3.6	3
CR2	20230220	Sunny	Moderate	Mid-Ebb	Middle	5.85	12:32	9.27	8.21	33.33	20.51	3.7	5
CR2	20230220	Sunny	Moderate	Mid-Ebb	Middle	5.85	12:32	9.29	8.23	33.36	20.68	3.5	7
CR2	20230220	Sunny	Moderate	Mid-Ebb	Bottom	10.7	12:31	9.17	8.19	33.43	20.7	4.2	2.5
CR2	20230220	Sunny	Moderate	Mid-Ebb	Bottom	10.7	12:31	9.25	8.23	33.31	20.61	3.9	4
F1A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:41	9.24	8.23	33.1	20.8	3.6	10
F1A	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:41	9.24	8.23	33.02	20.82	3.2	8
F1A	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.5	12:40	9.19	8.21	33.2	20.73	3.7	4
F1A	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.5	12:40	9.23	8.17	33.23	20.66	3.6	7
F1A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	8	12:39	9.24	8.22	33.22	20.67	3.6	6
F1A	20230220	Sunny	Moderate	Mid-Ebb	Bottom	8	12:39	8.9	8.17	33.11	20.78	3.6	8
H1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:19	8.37	8.33	33.32	20.89	3.6	4
H1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:19	8.36	8.33	33.27	20.88	3.5	4
H1	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.05	12:18	8.44	8.3	33.35	20.91	3.2	4
H1	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.05	12:18	8.41	8.35	33.3	20.94	3.3	5
H1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	7.1	12:17	8.35	8.32	33.19	20.81	3.7	3
H1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	7.1	12:17	8.42	8.34	33.25	20.75	3.7	4
M1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:19	8.83	8.34	32.89	20.79	3.3	2.5
M1	20230220	Sunny	Moderate	Mid-Ebb	Surface	1	12:19	8.8	8.35	32.99	20.64	3.3	3
M1	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.95	12:18	8.76	8.32	33.05	20.74	4.4	2.5
M1	20230220	Sunny	Moderate	Mid-Ebb	Middle	4.95	12:18	8.71	8.36	32.99	20.72	3.7	2.5
M1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	8.9	12:17	8.88	8.31	33.09	20.79	4.6	4
M1	20230220	Sunny	Moderate	Mid-Ebb	Bottom	8.9	12:17	8.78	8.35	32.88	20.69	4.0	2.5
B1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:38	8.56	8.25	33.67	20.72	2.3	3
B1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:38	8.38	8.18	33.69	20.65	2.4	2.5
B1	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.7	15:37	8.57	8.22	33.74	20.51	2.2	3
B1	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.7	15:37	8.52	8.24	33.72	20.7	2.2	4
B2	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:51	8.24	8.2	34.41	20.63	3.4	4
B2	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:51	8.3	8.26	34.52	20.55	3.6	7
B2	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.6	15:50	8.37	8.23	34.32	20.55	3.1	3
B2	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.6	15:50	8.41	8.25	34.48	20.45	3.1	6
В3	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:26	8.37	8.27	33.24	20.77	3.5	3
В3	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:26	8.38	8.18	33.16	20.88	3.6	3
В3	20230220	, Sunny	Moderate	Mid-Flood	Bottom	4	15:25	8.36	8.24	33.19	20.79	4.5	4
В3	20230220	, Sunny	Moderate	Mid-Flood	Bottom	4	15:25	8.39	8.26	33.19	20.82	4.4	5
B4	20230220	, Sunny	Moderate	Mid-Flood	Surface	1	15:37	9.03	8.2	32.93	20.72	4.8	5
B4	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:37	9.1	8.25	32.91	20.72	4.4	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B4	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.7	15:36	8.92	8.19	33.08	20.85	4.7	3
B4	20230220	Sunny	Moderate	Mid-Flood	Bottom	3.7	15:36	8.95	8.19	33.02	20.88	5.1	3
C1A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.61	8.33	32.99	20.76	4.7	3
C1A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.65	8.34	32.92	20.64	4.9	3
C1A	20230220	Sunny	Moderate	Mid-Flood	Middle	5.35	15:15	9.45	8.29	33	20.65	4.9	6
C1A	20230220	Sunny	Moderate	Mid-Flood	Middle	5.35	15:15	9.51	8.33	32.97	20.75	4.6	4
C1A	20230220	Sunny	Moderate	Mid-Flood	Bottom	9.7	15:14	9.46	8.34	32.88	20.67	5.4	2.5
C1A	20230220	Sunny	Moderate	Mid-Flood	Bottom	9.7	15:14	9.55	8.34	32.92	20.7	5.2	3
C2A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.32	8.21	33.86	20.64	5.8	5
C2A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:16	9.3	8.23	33.75	20.64	6.0	3
C2A	20230220	Sunny	Moderate	Mid-Flood	Middle	5.9	15:15	9.3	8.23	33.92	20.59	6.1	3
C2A	20230220	Sunny	Moderate	Mid-Flood	Middle	5.9	15:15	9.3	8.25	33.9	20.52	6.0	5
C2A	20230220	Sunny	Moderate	Mid-Flood	Bottom	10.8	15:14	9.37	8.21	33.81	20.6	6.2	4
C2A	20230220	Sunny	Moderate	Mid-Flood	Bottom	10.8	15:14	9.36	8.24	33.97	20.58	6.6	5
CR1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:38	8.35	8.26	33.42	20.96	4.1	2.5
CR1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:38	8.33	8.29	33.57	20.9	3.8	4
CR1	20230220	Sunny	Moderate	Mid-Flood	Middle	6.15	16:37	8.38	8.25	33.5	20.88	3.6	4
CR1	20230220	Sunny	Moderate	Mid-Flood	Middle	6.15	16:37	8.26	8.27	33.52	20.95	3.7	7
CR1	20230220	Sunny	Moderate	Mid-Flood	Bottom	11.3	16:36	8.38	8.25	33.58	20.96	3.9	5
CR1	20230220	Sunny	Moderate	Mid-Flood	Bottom	11.3	16:36	8.41	8.26	33.57	21.04	3.3	3
CR2	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:26	8.84	8.31	33.5	20.71	3.6	6
CR2	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:26	8.92	8.37	33.72	20.71	3.6	4
CR2	20230220	Sunny	Moderate	Mid-Flood	Middle	5.75	16:25	8.8	8.31	33.58	20.81	3.9	5
CR2	20230220	Sunny	Moderate	Mid-Flood	Middle	5.75	16:25	8.88	8.33	33.7	20.79	4.2	8
CR2	20230220	Sunny	Moderate	Mid-Flood	Bottom	10.5	16:24	8.83	8.3	33.62	20.82	4.4	5
CR2	20230220	Sunny	Moderate	Mid-Flood	Bottom	10.5	16:24	8.85	8.37	33.7	20.73	4.9	3
F1A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:10	8.47	8.24	33.51	20.7	4.1	3
F1A	20230220	Sunny	Moderate	Mid-Flood	Surface	1	15:10	8.52	8.26	33.73	20.82	4.0	4
F1A	20230220	Sunny	Moderate	Mid-Flood	Middle	3.95	15:09	8.56	8.23	33.57	20.81	3.8	2.5
F1A	20230220	Sunny	Moderate	Mid-Flood	Middle	3.95	15:09	8.64	8.26	33.65	20.64	4.0	2.5
F1A	20230220	Sunny	Moderate	Mid-Flood	Bottom	6.9	15:08	8.47	8.19	33.7	20.81	4.5	3
F1A	20230220	Sunny	Moderate	Mid-Flood	Bottom	6.9	15:08	8.62	8.24	33.64	20.63	3.9	3
H1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:16	8.42	8.24	33.95	20.89	4.3	4
H1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:16	8.31	8.19	33.9	21.05	4.1	4
H1	20230220	Sunny	Moderate	Mid-Flood	Middle	4.05	16:15	8.27	8.26	33.87	20.97	4.6	3
H1	20230220	Sunny	Moderate	Mid-Flood	Middle	4.05	16:15	8.35	8.28	33.88	20.96	3.9	2.5
H1	20230220	Sunny	Moderate	Mid-Flood	Bottom	7.1	16:14	8.39	8.27	33.99	20.86	4.2	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
H1	20230220	Sunny	Moderate	Mid-Flood	Bottom	7.1	16:14	8.24	8.19	33.92	21.03	4.5	4
M1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:20	8.2	8.27	33.32	20.9	4.8	3
M1	20230220	Sunny	Moderate	Mid-Flood	Surface	1	16:20	8.2	8.29	33.29	20.93	4.2	6
M1	20230220	Sunny	Moderate	Mid-Flood	Middle	4.25	16:19	8.36	8.29	33.23	20.89	4.6	3
M1	20230220	Sunny	Moderate	Mid-Flood	Middle	4.25	16:19	8.22	8.31	33.3	20.97	4.5	5
M1	20230220	Sunny	Moderate	Mid-Flood	Bottom	7.5	16:18	8.21	8.28	33.29	21.01	5.3	5
M1	20230220	Sunny	Moderate	Mid-Flood	Bottom	7.5	16:18	8.44	8.31	33.36	20.96	5.4	7
B1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:07	8.34	8.22	31.62	20.76	2.3	11
B1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:07	8.21	8.23	31.72	20.68	2.5	11
B1	20230222	Sunny	Moderate	Mid-Flood	Bottom	4.5	10:06	8.31	8.21	31.6	20.68	3.2	11
B1	20230222	Sunny	Moderate	Mid-Flood	Bottom	4.5	10:06	8.28	8.23	31.63	20.59	2.9	14
B2	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:22	8.23	8.23	32.19	21.1	3.8	16
B2	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:22	8.24	8.2	32.13	21.04	3.3	16
B2	20230222	Sunny	Moderate	Mid-Flood	Bottom	3.4	10:21	8.18	8.19	32.18	21.12	3.7	12
B2	20230222	Sunny	Moderate	Mid-Flood	Bottom	3.4	10:21	8.35	8.22	32.22	21.21	4.3	14
В3	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:05	8.3	8.23	31.35	20.82	3.2	12
В3	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:05	8.42	8.27	31.38	20.7	3.1	8
В3	20230222	Sunny	Moderate	Mid-Flood	Bottom	4	10:04	8.4	8.21	31.36	20.86	3.1	11
В3	20230222	Sunny	Moderate	Mid-Flood	Bottom	4	10:04	8.29	8.22	31.45	20.72	3.3	11
B4	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:55	9.02	8.22	31.54	20.95	3.3	13
B4	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:55	9.01	8.21	31.59	20.98	3.3	10
B4	20230222	Sunny	Moderate	Mid-Flood	Bottom	4	09:54	8.98	8.2	31.51	20.85	3.8	15
B4	20230222	Sunny	Moderate	Mid-Flood	Bottom	4	09:54	9.11	8.22	31.6	21	3.4	12
C1A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:42	9.23	8.2	32.31	21.06	5.0	8
C1A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:42	9.32	8.2	32.26	20.97	4.7	11
C1A	20230222	Sunny	Moderate	Mid-Flood	Middle	5.15	09:41	9.29	8.23	32.25	20.95	5.4	10
C1A	20230222	Sunny	Moderate	Mid-Flood	Middle	5.15	09:41	9.34	8.18	32.33	21.04	5.4	13
C1A	20230222	Sunny	Moderate	Mid-Flood	Bottom	9.3	09:40	9.29	8.23	32.35	20.94	5.3	12
C1A	20230222	Sunny	Moderate	Mid-Flood	Bottom	9.3	09:40	9.33	8.24	32.28	20.95	5.7	10
C2A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	08:49	8.84	8.33	32.79	20.69	6.2	10
C2A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	08:49	8.83	8.34	32.67	20.69	5.9	11
C2A	20230222	Sunny	Moderate	Mid-Flood	Middle	5.5	08:48	8.94	8.3	32.66	20.74	6.9	6
C2A	20230222	Sunny	Moderate	Mid-Flood	Middle	5.5	08:48	8.86	8.31	32.67	20.72	6.5	6
C2A	20230222	, Sunny	Moderate	Mid-Flood	Bottom	10	08:47	9.01	8.34	32.73	20.72	6.8	7
C2A	20230222	, Sunny	Moderate	Mid-Flood	Bottom	10	08:47	8.96	8.37	32.77	20.74	7.0	7
CR1	20230222	, Sunny	Moderate	Mid-Flood	Surface	1	09:11	9.44	8.3	32.3	20.92	4.7	10
CR1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:11	9.43	8.37	32.21	20.99	4.3	7

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR1	20230222	Sunny	Moderate	Mid-Flood	Middle	6.15	09:10	9.35	8.33	32.22	20.91	4.7	6
CR1	20230222	Sunny	Moderate	Mid-Flood	Middle	6.15	09:10	9.44	8.37	32.32	20.89	4.5	6
CR1	20230222	Sunny	Moderate	Mid-Flood	Bottom	11.3	09:09	9.36	8.32	32.21	20.97	5.1	10
CR1	20230222	Sunny	Moderate	Mid-Flood	Bottom	11.3	09:09	9.37	8.32	32.2	20.9	5.1	10
CR2	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:25	8.36	8.21	32.03	20.81	3.0	8
CR2	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:25	8.45	8.21	32.12	20.89	2.8	9
CR2	20230222	Sunny	Moderate	Mid-Flood	Middle	5.75	09:24	8.46	8.19	32	21	3.2	7
CR2	20230222	Sunny	Moderate	Mid-Flood	Middle	5.75	09:24	8.37	8.19	32.12	20.82	3.8	4
CR2	20230222	Sunny	Moderate	Mid-Flood	Bottom	10.5	09:23	8.29	8.19	32.12	20.81	3.4	5
CR2	20230222	Sunny	Moderate	Mid-Flood	Bottom	10.5	09:23	8.3	8.18	32.01	20.92	3.8	9
F1A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:21	9.55	8.29	32.18	20.8	3.2	7
F1A	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:21	9.49	8.31	32.18	20.78	3.8	4
F1A	20230222	Sunny	Moderate	Mid-Flood	Middle	4.05	09:20	9.58	8.3	32.27	20.83	3.9	9
F1A	20230222	Sunny	Moderate	Mid-Flood	Middle	4.05	09:20	9.42	8.32	32.21	20.82	3.4	10
F1A	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.1	09:19	9.56	8.26	32.28	20.82	4.5	9
F1A	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.1	09:19	9.52	8.32	32.23	20.81	4.3	11
H1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:50	8.97	8.18	31.94	20.89	3.6	13
H1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	10:50	8.97	8.21	31.96	20.97	3.4	14
H1	20230222	Sunny	Moderate	Mid-Flood	Middle	4.15	10:49	9.01	8.18	31.92	20.94	3.9	11
H1	20230222	Sunny	Moderate	Mid-Flood	Middle	4.15	10:49	8.88	8.21	31.93	21.03	3.9	11
H1	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.3	10:48	8.98	8.19	31.96	20.92	4.3	10
H1	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.3	10:48	8.9	8.23	31.84	20.99	4.9	7
M1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:00	8.88	8.2	32.44	20.71	5.3	10
M1	20230222	Sunny	Moderate	Mid-Flood	Surface	1	09:00	8.84	8.23	32.49	20.79	5.3	9
M1	20230222	Sunny	Moderate	Mid-Flood	Middle	4.1	08:59	8.98	8.21	32.55	20.85	5.1	12
M1	20230222	Sunny	Moderate	Mid-Flood	Middle	4.1	08:59	8.88	8.21	32.5	20.86	5.1	10
M1	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.2	08:58	8.85	8.21	32.42	20.81	5.3	9
M1	20230222	Sunny	Moderate	Mid-Flood	Bottom	7.2	08:58	8.94	8.23	32.55	20.7	5.8	6
B1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:50	8.26	8.24	33.27	20.87	3.4	11
B1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:50	8.58	8.17	33.11	20.76	3.1	11
B1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	4.2	12:49	8.51	8.24	33.15	20.83	3.7	9
B1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	4.2	12:49	8.5	8.18	33.28	20.81	3.2	10
B2	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:03	8.98	8.18	33.84	20.89	4.5	15
B2	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:03	9	8.21	33.88	20.88	4.3	12
B2	20230222	Sunny	Moderate	Mid-Ebb	Bottom	4.2	13:02	8.89	8.18	33.7	20.98	4.5	7
B2	20230222	Sunny	Moderate	Mid-Ebb	Bottom	4.2	13:02	9.03	8.25	33.92	20.87	4.9	10
В3	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:39	8.51	8.2	34.16	20.7	5.0	6

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B3	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:39	8.29	8.26	34.29	20.77	4.7	8
B3	20230222	Sunny	Moderate	Mid-Ebb	Bottom	3.8	12:38	8.43	8.22	34.35	20.74	5.3	11
B3	20230222	Sunny	Moderate	Mid-Ebb	Bottom	3.8	12:38	8.55	8.22	34.4	20.64	5.6	11
B4	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:49	9.12	8.24	32.99	20.63	4.7	10
B4	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:49	9.05	8.29	33.09	20.73	4.4	11
B4	20230222	Sunny	Moderate	Mid-Ebb	Bottom	3.5	12:48	9.05	8.27	33.07	20.6	4.9	9
B4	20230222	Sunny	Moderate	Mid-Ebb	Bottom	3.5	12:48	9.17	8.29	33.01	20.53	5.4	8
C1A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:28	8.54	8.17	33.34	20.79	5.8	13
C1A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:28	8.64	8.21	33.55	20.83	5.6	15
C1A	20230222	Sunny	Moderate	Mid-Ebb	Middle	5.3	12:27	8.45	8.23	33.52	20.82	5.6	10
C1A	20230222	Sunny	Moderate	Mid-Ebb	Middle	5.3	12:27	8.56	8.23	33.31	20.83	6.0	9
C1A	20230222	Sunny	Moderate	Mid-Ebb	Bottom	9.6	12:26	8.58	8.18	33.33	20.79	6.3	18
C1A	20230222	Sunny	Moderate	Mid-Ebb	Bottom	9.6	12:26	8.43	8.2	33.32	20.99	6.1	17
C2A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:28	8.8	8.23	32.99	20.88	4.7	18
C2A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	12:28	8.92	8.24	33.16	20.77	4.3	16
C2A	20230222	Sunny	Moderate	Mid-Ebb	Middle	6.05	12:27	8.71	8.23	33.04	20.88	4.1	11
C2A	20230222	Sunny	Moderate	Mid-Ebb	Middle	6.05	12:27	8.92	8.24	33	20.79	4.6	11
C2A	20230222	Sunny	Moderate	Mid-Ebb	Bottom	11.1	12:26	8.93	8.17	33.05	20.87	4.9	9
C2A	20230222	Sunny	Moderate	Mid-Ebb	Bottom	11.1	12:26	8.83	8.2	33.17	20.86	4.6	10
CR1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:53	9.42	8.23	32.82	20.8	4.0	16
CR1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:53	9.35	8.28	32.65	20.83	3.9	14
CR1	20230222	Sunny	Moderate	Mid-Ebb	Middle	6.6	13:52	9.36	8.26	32.62	20.84	4.3	8
CR1	20230222	Sunny	Moderate	Mid-Ebb	Middle	6.6	13:52	8.95	8.28	32.62	20.84	4.1	8
CR1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	12.2	13:51	9.34	8.23	32.88	20.9	4.5	9
CR1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	12.2	13:51	9.34	8.27	32.85	20.75	4.3	11
CR2	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:38	8.5	8.22	33.02	20.98	3.6	13
CR2	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:38	8.53	8.23	32.98	20.96	3.3	11
CR2	20230222	Sunny	Moderate	Mid-Ebb	Middle	5.7	13:37	8.48	8.22	32.93	20.98	3.4	12
CR2	20230222	Sunny	Moderate	Mid-Ebb	Middle	5.7	13:37	8.39	8.25	32.92	20.98	3.7	15
CR2	20230222	Sunny	Moderate	Mid-Ebb	Bottom	10.4	13:36	8.46	8.24	32.88	20.99	3.2	16
CR2	20230222	Sunny	Moderate	Mid-Ebb	Bottom	10.4	13:36	8.39	8.17	32.83	20.86	3.0	18
F1A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.9	8.32	34.4	20.71	4.0	12
F1A	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:13	8.95	8.36	34.29	20.87	3.9	12
F1A	20230222	, Sunny	Moderate	Mid-Ebb	Middle	4.5	13:12	9.07	8.32	34.42	20.75	3.6	8
F1A	20230222	, Sunny	Moderate	Mid-Ebb	Middle	4.5	13:12	9.01	8.36	34.43	20.84	4.1	11
F1A	20230222	, Sunny	Moderate	Mid-Ebb	Bottom	8	13:11	9.07	8.32	34.38	20.72	5.0	8
F1A	20230222	Sunny	Moderate	Mid-Ebb	Bottom	8	13:11	9.05	8.36	34.42	20.86	4.5	11

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
H1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:29	8.51	8.22	33.6	20.86	3.4	11
H1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:29	8.23	8.22	33.58	20.96	3.6	13
H1	20230222	Sunny	Moderate	Mid-Ebb	Middle	4.3	13:28	8.43	8.24	33.56	20.97	3.5	13
H1	20230222	Sunny	Moderate	Mid-Ebb	Middle	4.3	13:28	8.37	8.27	33.57	20.8	3.7	10
H1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	7.6	13:27	8.54	8.24	33.55	20.87	3.8	11
H1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	7.6	13:27	8.59	8.26	33.48	20.81	3.3	11
M1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:32	8.38	8.3	33.65	20.82	3.9	9
M1	20230222	Sunny	Moderate	Mid-Ebb	Surface	1	13:32	8.34	8.35	33.76	20.71	3.4	10
M1	20230222	Sunny	Moderate	Mid-Ebb	Middle	4.45	13:31	8.37	8.3	33.73	20.66	3.0	12
M1	20230222	Sunny	Moderate	Mid-Ebb	Middle	4.45	13:31	8.33	8.31	33.71	20.68	3.3	10
M1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	7.9	13:30	8.55	8.29	33.58	20.62	4.0	10
M1	20230222	Sunny	Moderate	Mid-Ebb	Bottom	7.9	13:30	8.57	8.32	33.66	20.61	3.5	9
B1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:16	9.1	8.33	32.4	21.18	3.6	2.5
B1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:16	9.07	8.35	32.53	21.23	3.3	2.5
B1	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.3	09:15	9.07	8.38	32.48	21.06	3.3	3
B1	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.3	09:15	9.17	8.39	32.63	21.24	3.1	2.5
B2	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:33	8.72	8.33	33.59	20.95	3.0	2.5
B2	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:33	8.71	8.36	33.61	21.12	3.0	2.5
B2	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.2	09:32	8.57	8.33	33.85	21.19	3.2	2.5
B2	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.2	09:32	8.62	8.36	33.83	21.17	3.4	2.5
B3	20230224	Sunny	Moderate	Mid-Flood	Surface	1	10:08	9.04	8.26	32.3	21.13	3.7	2.5
B3	20230224	Sunny	Moderate	Mid-Flood	Surface	1	10:08	8.96	8.21	32.24	21.28	4.2	2.5
В3	20230224	Sunny	Moderate	Mid-Flood	Bottom	3.5	10:07	9.03	8.27	32.13	21.2	4.3	2.5
B3	20230224	Sunny	Moderate	Mid-Flood	Bottom	3.5	10:07	8.97	8.19	32.51	21.26	4.3	2.5
B4	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:57	8.89	8.27	33.65	20.65	3.4	2.5
B4	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:57	9.03	8.19	34.01	20.78	3.3	3
B4	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.6	09:56	8.91	8.24	33.65	20.67	3.7	2.5
B4	20230224	Sunny	Moderate	Mid-Flood	Bottom	4.6	09:56	8.94	8.2	33.72	20.73	3.8	2.5
C1A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:52	8.42	8.21	33.66	21.02	4.7	3
C1A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:52	8.31	8.22	33.64	21.12	5.2	2.5
C1A	20230224	Sunny	Moderate	Mid-Flood	Middle	5	08:51	8.35	8.2	33.64	20.9	5.9	3
C1A	20230224	Sunny	Moderate	Mid-Flood	Middle	5	08:51	8.34	8.21	33.42	20.87	5.1	2.5
C1A	20230224	Sunny	Moderate	Mid-Flood	Bottom	9	08:50	8.42	8.2	33.34	20.88	6.0	2.5
C1A	20230224	Sunny	Moderate	Mid-Flood	Bottom	9	08:50	8.43	8.21	33.55	20.91	5.6	3
C2A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:02	8.28	8.2	33.63	20.99	5.6	2.5
C2A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:02	8.39	8.23	33.85	20.93	5.9	2.5
C2A	20230224	Sunny	Moderate	Mid-Flood	Middle	5.65	08:01	8.35	8.25	33.87	20.97	7.0	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C2A	20230224	Sunny	Moderate	Mid-Flood	Middle	5.65	08:01	8.37	8.26	33.95	20.82	6.3	4
C2A	20230224	Sunny	Moderate	Mid-Flood	Bottom	10.3	08:00	8.27	8.2	33.83	20.81	7.2	2.5
C2A	20230224	Sunny	Moderate	Mid-Flood	Bottom	10.3	08:00	8.34	8.24	33.67	20.83	7.5	3
CR1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:22	8.73	8.33	32.65	20.89	5.1	2.5
CR1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:22	8.73	8.41	32.79	20.92	5.2	4
CR1	20230224	Sunny	Moderate	Mid-Flood	Middle	6.5	08:21	8.72	8.36	32.87	20.82	5.8	3
CR1	20230224	Sunny	Moderate	Mid-Flood	Middle	6.5	08:21	8.61	8.38	32.76	20.82	5.1	3
CR1	20230224	Sunny	Moderate	Mid-Flood	Bottom	12	08:20	8.68	8.33	32.58	20.87	6.2	2.5
CR1	20230224	Sunny	Moderate	Mid-Flood	Bottom	12	08:20	8.72	8.37	32.64	20.74	5.6	3
CR2	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:38	8.98	8.22	32.32	20.77	3.7	3
CR2	20230224	Sunny	Moderate	Mid-Flood	Surface	1	08:38	9.03	8.23	32.49	20.9	3.9	2.5
CR2	20230224	Sunny	Moderate	Mid-Flood	Middle	5.45	08:37	9.14	8.19	32.44	20.92	4.8	3
CR2	20230224	Sunny	Moderate	Mid-Flood	Middle	5.45	08:37	8.97	8.25	32.44	20.94	4.1	3
CR2	20230224	Sunny	Moderate	Mid-Flood	Bottom	9.9	08:36	8.98	8.27	32.67	20.92	4.5	3
CR2	20230224	Sunny	Moderate	Mid-Flood	Bottom	9.9	08:36	9.11	8.22	32.28	20.82	4.3	2.5
F1A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:24	9.16	8.24	32.69	21.27	3.0	3
F1A	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:24	8.99	8.26	32.86	21.23	2.9	2.5
F1A	20230224	Sunny	Moderate	Mid-Flood	Middle	3.85	09:23	9.11	8.23	32.67	21.23	2.9	4
F1A	20230224	Sunny	Moderate	Mid-Flood	Middle	3.85	09:23	9.18	8.27	33.04	21.27	3.0	3
F1A	20230224	Sunny	Moderate	Mid-Flood	Bottom	6.7	09:22	9.16	8.23	32.65	21.22	3.4	5
F1A	20230224	Sunny	Moderate	Mid-Flood	Bottom	6.7	09:22	9	8.26	33.04	21.21	3.5	5
H1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:58	9.05	8.21	33.55	20.81	3.9	3
H1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:58	9.04	8.19	33.29	20.86	3.8	3
H1	20230224	Sunny	Moderate	Mid-Flood	Middle	4	09:57	8.98	8.24	33.55	20.82	4.1	2.5
H1	20230224	Sunny	Moderate	Mid-Flood	Middle	4	09:57	9.09	8.24	33.36	20.98	4.5	2.5
H1	20230224	Sunny	Moderate	Mid-Flood	Bottom	7	09:56	8.98	8.25	33.39	21	4.8	2.5
H1	20230224	Sunny	Moderate	Mid-Flood	Bottom	7	09:56	9.03	8.2	33.27	21.01	4.8	3
M1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:04	8.28	8.27	32.5	20.7	2.9	6
M1	20230224	Sunny	Moderate	Mid-Flood	Surface	1	09:04	8.33	8.19	32.27	20.66	3.2	6
M1	20230224	Sunny	Moderate	Mid-Flood	Middle	3.75	09:03	8.31	8.25	32.62	20.74	3.7	6
M1	20230224	Sunny	Moderate	Mid-Flood	Middle	3.75	09:03	8.32	8.26	32.42	20.76	3.4	3
M1	20230224	Sunny	Moderate	Mid-Flood	Bottom	6.5	09:02	8.34	8.2	32.5	20.79	4.2	6
M1	20230224	Sunny	Moderate	Mid-Flood	Bottom	6.5	09:02	8.37	8.2	32.32	20.86	3.6	3
B1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:59	9	8.38	33.56	20.8	2.9	4
B1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:59	8.84	8.38	33.76	20.94	2.6	4
B1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	3.9	13:58	9.04	8.35	33.51	20.96	3.1	2.5
B1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	3.9	13:58	8.92	8.35	33.62	20.86	3.0	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
B2	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:11	8.97	8.23	33.77	20.92	3.3	3
B2	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:11	9.17	8.3	33.67	20.86	3.7	6
B2	20230224	Sunny	Moderate	Mid-Ebb	Bottom	4	14:10	8.83	8.26	33.82	20.96	3.4	3
B2	20230224	Sunny	Moderate	Mid-Ebb	Bottom	4	14:10	8.86	8.27	33.84	20.84	4.0	5
B3	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:49	8.67	8.23	33.72	21.22	3.9	4
B3	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:49	8.65	8.25	33.54	21.25	3.7	8
B3	20230224	Sunny	Moderate	Mid-Ebb	Bottom	4	13:48	8.59	8.24	33.5	21.18	4.2	5
В3	20230224	Sunny	Moderate	Mid-Ebb	Bottom	4	13:48	8.67	8.26	33.48	21.21	3.9	6
B4	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:59	8.51	8.24	33.63	21.15	3.9	2.5
B4	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:59	8.65	8.26	33.78	21.15	3.7	3
B4	20230224	Sunny	Moderate	Mid-Ebb	Bottom	3.6	13:58	8.64	8.25	33.66	21.16	3.8	4
B4	20230224	Sunny	Moderate	Mid-Ebb	Bottom	3.6	13:58	8.64	8.25	33.66	21.11	3.6	3
C1A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:39	9.09	8.23	33.05	21.07	5.3	2.5
C1A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:39	9.01	8.25	33.19	20.99	5.8	2.5
C1A	20230224	Sunny	Moderate	Mid-Ebb	Middle	5	13:38	9.04	8.26	33.15	20.88	6.2	4
C1A	20230224	Sunny	Moderate	Mid-Ebb	Middle	5	13:38	9.01	8.27	32.99	20.88	6.0	3
C1A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	9	13:37	9.04	8.24	33.23	21.05	6.4	3
C1A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	9	13:37	9.05	8.25	33.22	20.94	6.6	4
C2A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:39	8.18	8.27	33.02	21.05	4.9	5
C2A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	13:39	8.26	8.28	33.27	21.23	5.0	5
C2A	20230224	Sunny	Moderate	Mid-Ebb	Middle	5.95	13:38	8.13	8.28	33.06	21.25	5.0	3
C2A	20230224	Sunny	Moderate	Mid-Ebb	Middle	5.95	13:38	8.12	8.3	33.13	21.11	4.8	3
C2A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	10.9	13:37	8.15	8.32	32.99	21.17	5.6	3
C2A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	10.9	13:37	8.19	8.34	33.16	21.12	5.5	5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:57	8.22	8.3	33	21.05	3.8	2.5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:57	8.29	8.31	33.05	20.96	3.6	2.5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Middle	6.5	14:56	8.3	8.32	32.97	20.98	3.4	2.5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Middle	6.5	14:56	8.22	8.35	32.91	20.97	3.6	2.5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	12	14:55	8.22	8.31	32.87	20.94	4.3	2.5
CR1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	12	14:55	8.3	8.33	33	20.95	3.9	2.5
CR2	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:45	8.54	8.26	34.06	21.02	4.1	2.5
CR2	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:45	8.54	8.28	34.25	20.95	4.5	2.5
CR2	20230224	Sunny	Moderate	Mid-Ebb	Middle	5.4	14:44	8.55	8.26	34.19	20.93	5.1	4
CR2	20230224	Sunny	Moderate	Mid-Ebb	Middle	5.4	14:44	8.57	8.27	34.21	20.93	4.9	3
CR2	20230224	Sunny	Moderate	Mid-Ebb	Bottom	9.8	14:43	8.52	8.25	34.22	20.92	5.1	4
CR2	20230224	Sunny	Moderate	Mid-Ebb	Bottom	9.8	14:43	8.55	8.27	33.98	20.97	5.1	4
F1A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:21	8.81	8.39	33.18	21.23	3.3	3

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
F1A	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:21	8.81	8.4	33.38	21.05	3.0	3
F1A	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.35	14:20	8.86	8.37	33.2	21.11	3.3	2.5
F1A	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.35	14:20	8.85	8.41	33.12	21.07	3.2	2.5
F1A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	7.7	14:19	8.84	8.39	33.31	21.21	3.9	3
F1A	20230224	Sunny	Moderate	Mid-Ebb	Bottom	7.7	14:19	8.8	8.4	33.19	21.14	3.6	3
H1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:37	8.53	8.35	33.61	20.99	3.6	4
H1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:37	8.45	8.36	33.66	21.03	3.7	2.5
H1	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.2	14:36	8.49	8.32	33.55	20.95	4.0	5
H1	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.2	14:36	8.43	8.33	33.61	21.13	3.8	5
H1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	7.4	14:35	8.55	8.33	33.64	21.01	4.0	2.5
H1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	7.4	14:35	8.42	8.38	33.62	21.12	4.4	3
M1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:41	8.88	8.31	33.71	20.98	4.5	2.5
M1	20230224	Sunny	Moderate	Mid-Ebb	Surface	1	14:41	8.88	8.32	33.95	21.05	5.2	3
M1	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.65	14:40	8.89	8.32	33.78	21.07	4.6	4
M1	20230224	Sunny	Moderate	Mid-Ebb	Middle	4.65	14:40	8.9	8.36	33.75	21.06	4.4	5
M1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	8.3	14:39	8.97	8.34	33.99	21.02	5.1	2.5
M1	20230224	Sunny	Moderate	Mid-Ebb	Bottom	8.3	14:39	8.82	8.36	33.91	21.12	5.4	2.5
B1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:44	9.08	8.29	32.48	20.84	4.2	5
B1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:44	9.19	8.32	32.33	20.69	3.6	7
B1	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.4	11:43	9.21	8.32	32.52	20.77	4.4	4
B1	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.4	11:43	8.98	8.36	32.49	20.83	4.2	4
B2	20230227	Sunny	Moderate	Mid-Flood	Surface	1	12:01	8.15	8.19	32.29	21.06	3.4	5
B2	20230227	Sunny	Moderate	Mid-Flood	Surface	1	12:01	8.18	8.22	32.35	21.14	3.6	5
B2	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.2	12:00	8.22	8.22	32.22	21.02	3.5	4
B2	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.2	12:00	8.33	8.25	32.33	20.99	3.9	4
В3	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:50	8.3	8.32	32.01	20.64	4.0	5
В3	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:50	8.34	8.33	31.96	20.68	4.1	5
В3	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.1	11:49	8.32	8.32	31.89	20.77	4.1	3
В3	20230227	Sunny	Moderate	Mid-Flood	Bottom	4.1	11:49	8.34	8.31	31.91	20.79	4.6	4
B4	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:40	8.4	8.32	31.61	20.9	3.9	4
B4	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:40	8.32	8.35	31.55	20.84	4.5	2.5
B4	20230227	, Sunny	Moderate	Mid-Flood	Bottom	3.5	11:39	8.42	8.3	31.62	20.91	4.2	4
B4	20230227	Sunny	Moderate	Mid-Flood	Bottom	3.5	11:39	8.3	8.32	31.69	20.78	4.2	6
C1A	20230227	, Sunny	Moderate	Mid-Flood	Surface	1	11:20	8.76	8.18	32.78	21.05	5.8	2.5
C1A	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:20	8.78	8.19	32.63	20.97	5.8	3
C1A	20230227	Sunny	Moderate	Mid-Flood	Middle	4.95	11:19	8.87	8.26	32.61	21.02	6.1	6
C1A	20230227	Sunny	Moderate	Mid-Flood	Middle	4.95	11:19	8.81	8.2	32.78	21.03	5.6	4

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
C1A	20230227	Sunny	Moderate	Mid-Flood	Bottom	8.9	11:18	8.66	8.22	32.76	20.98	5.7	4
C1A	20230227	Sunny	Moderate	Mid-Flood	Bottom	8.9	11:18	8.67	8.22	32.8	21.05	6.2	6
C2A	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:35	8.33	8.21	31.85	20.92	6.2	3
C2A	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:35	8.4	8.25	31.82	20.93	6.0	4
C2A	20230227	Sunny	Moderate	Mid-Flood	Middle	5.75	10:34	8.32	8.18	31.91	20.96	6.5	3
C2A	20230227	Sunny	Moderate	Mid-Flood	Middle	5.75	10:34	8.5	8.21	31.79	20.9	6.6	4
C2A	20230227	Sunny	Moderate	Mid-Flood	Bottom	10.5	10:33	8.43	8.21	31.68	20.84	7.0	4
C2A	20230227	Sunny	Moderate	Mid-Flood	Bottom	10.5	10:33	8.51	8.19	31.82	20.9	7.1	4
CR1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:51	9.39	8.25	31.52	21.06	3.5	4
CR1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:51	9.32	8.21	31.32	20.94	3.7	4
CR1	20230227	Sunny	Moderate	Mid-Flood	Middle	6.35	10:50	9.25	8.21	31.3	20.95	4.1	2.5
CR1	20230227	Sunny	Moderate	Mid-Flood	Middle	6.35	10:50	9.27	8.22	31.41	20.99	4.1	4
CR1	20230227	Sunny	Moderate	Mid-Flood	Bottom	11.7	10:49	9.28	8.26	31.39	20.95	4.0	2.5
CR1	20230227	Sunny	Moderate	Mid-Flood	Bottom	11.7	10:49	9.28	8.18	31.39	20.93	3.9	4
CR2	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:07	9.03	8.29	31.74	20.81	3.4	2.5
CR2	20230227	Sunny	Moderate	Mid-Flood	Surface	1	11:07	9.34	8.3	31.71	20.75	3.4	2.5
CR2	20230227	Sunny	Moderate	Mid-Flood	Middle	5.4	11:06	9.35	8.34	31.71	20.8	3.4	3
CR2	20230227	Sunny	Moderate	Mid-Flood	Middle	5.4	11:06	9.37	8.29	31.79	20.77	3.3	4
CR2	20230227	Sunny	Moderate	Mid-Flood	Bottom	9.8	11:05	9.4	8.32	31.81	20.78	3.8	5
CR2	20230227	Sunny	Moderate	Mid-Flood	Bottom	9.8	11:05	9.33	8.35	31.63	20.75	3.7	4
F1A	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:58	9.12	8.29	31.73	20.91	3.2	6
F1A	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:58	9.02	8.31	31.82	20.81	3.1	4
F1A	20230227	Sunny	Moderate	Mid-Flood	Middle	4.05	10:57	9.03	8.32	31.73	20.89	3.3	5
F1A	20230227	Sunny	Moderate	Mid-Flood	Middle	4.05	10:57	9	8.32	31.74	20.94	3.4	4
F1A	20230227	Sunny	Moderate	Mid-Flood	Bottom	7.1	10:56	9.15	8.3	31.84	20.86	3.6	8
F1A	20230227	Sunny	Moderate	Mid-Flood	Bottom	7.1	10:56	8.92	8.33	31.71	20.85	3.9	4
H1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	12:26	9.15	8.28	31.65	20.76	4.2	3
H1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	12:26	9.2	8.31	31.57	20.77	4.5	4
H1	20230227	Sunny	Moderate	Mid-Flood	Middle	3.85	12:25	9	8.27	31.62	20.78	4.5	4
H1	20230227	Sunny	Moderate	Mid-Flood	Middle	3.85	12:25	9.1	8.32	31.77	20.78	4.1	5
H1	20230227	Sunny	Moderate	Mid-Flood	Bottom	6.7	12:24	9.15	8.26	31.77	20.79	4.8	4
H1	20230227	Sunny	Moderate	Mid-Flood	Bottom	6.7	12:24	9	8.3	31.64	20.8	4.0	3
M1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:37	9.02	8.21	32.79	21.02	4.9	3
M1	20230227	Sunny	Moderate	Mid-Flood	Surface	1	10:37	8.97	8.23	32.81	20.98	4.4	5
M1	20230227	Sunny	Moderate	Mid-Flood	Middle	3.7	10:36	9.09	8.23	32.87	20.98	5.5	4
M1	20230227	Sunny	Moderate	Mid-Flood	Middle	3.7	10:36	9	8.24	32.82	20.97	4.7	3
M1	20230227	Sunny	Moderate	Mid-Flood	Bottom	6.4	10:35	9.01	8.24	32.73	20.95	4.9	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
M1	20230227	Sunny	Moderate	Mid-Flood	Bottom	6.4	10:35	9.07	8.29	32.87	21.06	5.1	3
B1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:08	8.96	8.19	32.58	20.91	3.1	3
B1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:08	9.18	8.2	32.72	20.8	3.3	5
B1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	3.6	15:07	9.06	8.24	32.75	21.03	3.3	3
B1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	3.6	15:07	9.09	8.25	32.78	21.03	3.2	2.5
B2	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:22	8.55	8.31	31.2	21.14	3.5	2.5
B2	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:22	8.5	8.34	31.24	21.19	3.4	4
B2	20230227	Sunny	Moderate	Mid-Ebb	Bottom	4.3	15:21	8.65	8.36	31.05	21.15	3.6	3
B2	20230227	Sunny	Moderate	Mid-Ebb	Bottom	4.3	15:21	8.49	8.34	31.26	21.15	3.7	2.5
В3	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:42	8.58	8.3	31.17	20.84	4.3	3
В3	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:42	8.26	8.33	31.2	20.85	3.9	4
В3	20230227	Sunny	Moderate	Mid-Ebb	Bottom	4	14:41	8.17	8.3	31.05	20.89	4.4	4
В3	20230227	Sunny	Moderate	Mid-Ebb	Bottom	4	14:41	8.32	8.34	31.11	20.81	4.2	4
B4	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:52	8.25	8.3	33.02	20.91	4.4	3
B4	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:52	8.49	8.33	32.79	20.88	4.2	2.5
B4	20230227	Sunny	Moderate	Mid-Ebb	Bottom	3.1	14:51	8.48	8.31	32.93	20.85	4.8	4
B4	20230227	Sunny	Moderate	Mid-Ebb	Bottom	3.1	14:51	8.34	8.33	32.78	21.03	5.0	3
C1A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:43	8.65	8.19	31.99	21.16	5.6	2.5
C1A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	14:43	8.55	8.2	32.06	21.14	5.8	3
C1A	20230227	Sunny	Moderate	Mid-Ebb	Middle	5.25	14:42	8.6	8.21	32.06	21.2	6.0	6
C1A	20230227	Sunny	Moderate	Mid-Ebb	Middle	5.25	14:42	8.63	8.22	32.17	21.21	5.8	3
C1A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	9.5	14:41	8.78	8.23	32	21.14	6.0	3
C1A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	9.5	14:41	8.56	8.18	32.1	21.2	6.3	4
C2A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:36	8.35	8.19	31.32	21.07	3.9	4
C2A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:36	8.39	8.19	31.45	20.86	4.1	3
C2A	20230227	Sunny	Moderate	Mid-Ebb	Middle	6	16:35	8.49	8.2	31.44	21.05	4.9	4
C2A	20230227	Sunny	Moderate	Mid-Ebb	Middle	6	16:35	8.36	8.22	31.31	21.04	5.0	4
C2A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	11	16:34	8.47	8.22	31.42	21.02	5.6	3
C2A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	11	16:34	8.41	8.19	31.42	20.92	5.1	2.5
CR1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:16	9.24	8.22	31.56	20.97	5.6	9
CR1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:16	9.28	8.19	31.59	20.78	5.2	8
CR1	20230227	Sunny	Moderate	Mid-Ebb	Middle	6.85	16:15	9.41	8.23	31.48	20.82	4.7	2.5
CR1	20230227	Sunny	Moderate	Mid-Ebb	Middle	6.85	16:15	9.26	8.21	31.58	20.98	5.5	2.5
CR1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	12.7	16:14	9.29	8.22	31.48	20.76	5.7	5
CR1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	12.7	16:14	9.4	8.22	31.63	20.85	5.7	5
CR2	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:00	8.28	8.36	31.32	20.72	4.3	5
CR2	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	16:00	8.52	8.37	31.34	20.76	4.5	5

Location	Date (YYYYMMDD)	Weather	Sea Condition	Tidal	Water Level	Depth (m)	Time	DO (mg/L)	рН	Sal (ppt)	Temp (°C)	Turbidty (NTU) Note 1	SS (mg/L)
CR2	20230227	Sunny	Moderate	Mid-Ebb	Middle	6.05	15:59	8.21	8.35	31.21	20.92	4.7	З
CR2	20230227	Sunny	Moderate	Mid-Ebb	Middle	6.05	15:59	8.51	8.34	31.14	20.89	4.3	5
CR2	20230227	Sunny	Moderate	Mid-Ebb	Bottom	11.1	15:58	8.58	8.37	31.16	20.78	4.2	2.5
CR2	20230227	Sunny	Moderate	Mid-Ebb	Bottom	11.1	15:58	8.18	8.36	31.29	20.94	4.6	4
F1A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:16	8.69	8.35	32.07	20.91	3.8	7
F1A	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:16	8.73	8.34	32.02	20.99	3.9	4
F1A	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.3	15:15	8.83	8.32	31.97	20.91	5.0	5
F1A	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.3	15:15	8.85	8.34	31.9	20.9	4.9	6
F1A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.6	15:14	8.78	8.33	31.9	21.03	4.9	3
F1A	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.6	15:14	8.9	8.34	32	20.94	4.5	3
H1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:47	9.04	8.31	31.18	21.11	3.3	3
H1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:47	9.08	8.34	31.22	21.2	3.2	5
H1	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.3	15:46	9	8.33	31.38	21.19	3.7	5
H1	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.3	15:46	8.83	8.34	31.19	21.11	3.4	3
H1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.6	15:45	8.98	8.32	31.32	21.23	3.2	4
H1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.6	15:45	8.98	8.33	31.32	21.08	3.6	4
M1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:40	9.22	8.3	31.94	21.09	4.4	2.5
M1	20230227	Sunny	Moderate	Mid-Ebb	Surface	1	15:40	9.26	8.31	32.12	20.9	4.0	2.5
M1	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.45	15:39	9.24	8.27	32.07	20.98	5.0	4
M1	20230227	Sunny	Moderate	Mid-Ebb	Middle	4.45	15:39	9.24	8.31	31.91	21.02	4.3	3
M1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.9	15:38	9.28	8.25	32.05	21.07	4.5	5
M1	20230227	Sunny	Moderate	Mid-Ebb	Bottom	7.9	15:38	9.33	8.29	32.16	21.02	4.3	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.

Appendix E HOKLAS Laboratory Certificate

Integrated Waste Management Facilities, Phase 1



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

ALS TECHNICHEM (HK) PTY LIMITED

11/F., Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, New Territories, Hong Kong 香港新界葵涌永業街1-3號忠信針織中心11樓

has been accepted by the HKAS Executive, on the recommendation of the Accreditation Advisory Board, as a 為香港認可處執行機關根據認可證詞委員會建議而接受的

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 – General requirements for the competence 此實驗所符合ISO / IEC 17025 : 2005 – 《測試及校正實驗所能力的通用規定》所訂的要求。 of testing and calibration laboratories and it has been accredited for performing specific tests or calibrations as 獲認可進行載於香港實驗所認可計劃《認可實驗所名冊》內下這測試類別中的指定 listed in the HOKLAS Directory of Accredited Laboratories within the test category of 測試或校正工作

> Environmental Testing 環境測試

This laboratory is accredited in accordance with the recognized international Standard ISO / IEC 17025 : 2005. 本實驗所乃相違公認的國際標準 ISO / IEC 17025 : 2005 獲得證可。 This accreditation demonstrates technical compatence for a defined scope and the operation of a laboratory 道項證可資格源示在指定範疇所需的技術能力及實驗所質量增加量於的運作 quality management system (see joint IAF-ILAC-ISO Computingue). (見國際認可論權、國際實驗所認可合作證職及國際標準化組織的融合公報)。

The common seal of the Hong Kong Accreditation Service is affixed hereto by the authority of the HKAS Executive 香港認可處執行機關的權限在此蓋上通用印章

CHAN Sing Sing, Terence, Executive Administrator 執行幹事 陳成城 Issue Date: 5 May 2009 簽發日期:二零零九年五月五日

Registration Number: HOKLAS 066 註冊號碼:



Date of First Registration: 15 September 1995 首次註冊日期:一九九五年九月十五日

This certilicate is issued sobject to the torms 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 L 000552

Contract No. EP/SP/66/12

Integrated Waste Management Facilities, Phase 1

Keppel Seghers - Zhen Hua Joint Venture



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成校正工作

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認可合作組織及國際標準化組織的聯合公報)。 實施一套實驗所質量管理體系(見國際認可論還、關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-wh, 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: 註冊號碼:

This certificate is issued subject to the terms and conditions laid down by HKAS. 本證書按照書港師可處訂立的條款及條件登出



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

L 001195

Appendix F Water Quality Equipment Calibration Certificate



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

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. Date of Issue Page No. : R-BC010056 : 18 January 2023 : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

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

PART B - SAMPLE INFORMATION

Name of Equipment :	HORIBA U-53
Manufacturer :	HORIBA
Serial Number :	PORBNFNT
Date of Received :	12 January 2023
Date of Calibration :	17 January 2023
Date of Next Calibration :	16 April 2023
Request No. :	D-BC010056

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

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

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	3.94	-0.06	Satisfactory
7.42	7.54	0.12	Satisfactory
10.01	9.92	-0.09	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance	Result
10	11.03	1.03	Satisfactory
23	24.48	1.48	Satisfactory
33	34.19	1.19	Satisfactory

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

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.51	-4.90	Satisfactory
20	19.04	-4.80	Satisfactory
30	29.62	-1.27	Satisfactory

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED SIGNATORY:

LEE Chun-ning

Assistant Manager (Chemical Testing)

This report shall not be reproduced unless with prior written approval from this laboratory



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.	
Date of Issue	
Page No.	

: R-BC010056 : 18 January 2023 : 2 of 2

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance	Result
9.00	8.78	-0.22	Satisfactory
5.88	5.44	-0.44	Satisfactory
2.65	2.25	-0.40	Satisfactory
1.14	0.80	-0.34	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (%)	Result
0	0.11	·	Satisfactory
10	10.0	0.0	Satisfactory
20	21.5	7.3	Satisfactory
100	108	8.0	Satisfactory
800	812	1.5	Satisfactory

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

Remark(s)

•The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards. •The results relate only to the calibrated equipment as received

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

"Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.

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

--- END OF REPORT ---



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. Date of Issue Page No. : R-BC010055 : 17 January 2023 : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

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

PART B - SAMPLE INFORMATION

Name of Equipment :	YSI ProDSS (Multi-Parameters)
Manufacturer :	YSI (a xylem brand)
Serial Number :	22C106561
Date of Received :	12 January 2023
Date of Calibration :	17 January 2023
Date of Next Calibration :	16 April 2023
Request No. :	D-BC010055

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

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

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit) ,	Display Reading (pH unit)	Tolerance	Result
4.00	4.18	0.18	Satisfactory
7.42	7.58	0.16	Satisfactory
10.01	10.14	0.13	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance	Result
10	9.6	-0.4	Satisfactory
23	23.4	0.4	Satisfactory
33	33.2	0.2	Satisfactory

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

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.99	-0.10	Satisfactory
20	20.29	1.45	Satisfactory
30	31.38	4.60	Satisfactory

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED SIGNATORY:

LEE Chun-ning Assistant Manager (Chemical Testing)

This report shall not be reproduced unless with prior written approval from this laboratory



專 業 化 驗 有 限 公 司 QUALITY PRO TEST-CONSULT LIMITED

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.	: R-BC010055		
Date of Issue	: 17 January 2023		
Page No.	:2 of 2		

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance	Result
9.00	9.03	0.03	Satisfactory
5.88	6.07	0.19	Satisfactory
2.65	3.07	0.42	Satisfactory
1.14	1.31	0.17	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (%)	Result
0	0.16		Satisfactory
10	9.67	-3.3	Satisfactory
20	18.45	-7.8	Satisfactory
100	92.80	-7.2	Satisfactory
800	768.00	-4.0	Satisfactory

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

Remark(s)

•The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards. •The results relate only to the calibrated equipment as received

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

"Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.

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

--- END OF REPORT ---

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

專業化驗有限公司

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. **Date of Issue** Page No.

: R-BC020060 : 17 February 2023 : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

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

PART B - SAMPLE INFORMATION

Name of Equipment :	HORIBA U-53
Manufacturer :	HORIBA
Serial Number :	PPHNOMXY
Date of Received :	15 February 2023
Date of Calibration :	17 February 2023
Date of Next Calibration :	16 May 2023
Request No. :	D-BC020060

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

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

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	4.03	0.03	Satisfactory
7.42	7.42	0.00	Satisfactory
10.01	9.86	-0.15	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance	Result
11	11.36	0.36	Satisfactory
20	21.57	1.57	Satisfactory
35	34.71	-0.29	Satisfactory

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

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.93	-0.70	Satisfactory
20	20.62	3.10	Satisfactory
30	32.00	6.67	Satisfactory

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED SIGNATORY:

LEE Chun-ming Assistant Manager (Chemical Testing)

This report shall not be reproduced unless with prior written approval from this laboratory



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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No.	
Date of Issue	
Page No.	

: R-BC020060 : 17 February 2023 : 2 of 2

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance	Result
8.57	8.49	-0.08	Satisfactory
5.53	5.13	-0.40	Satisfactory
2.91	2.66	-0.25	Satisfactory
0.10	0.00	-0.10	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance (%)	Result
0	0.00		Satisfactory
10	9.65	-3.5	Satisfactory
20	19.5	-2.5	Satisfactory
100	97.1	-2.9	Satisfactory
800	780	-2.5	Satisfactory

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

Remark(s)

•The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards. •The results relate only to the calibrated equipment as received

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

"Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.

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

--- END OF REPORT ---

Appendix G Event / Action Plan for Water Quality Exceedance

Event		Act	ion	
	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)

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

Keppel Seghers – Zhen Hua Joint Venture

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

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

Appendix H Noise Monitoring Equipment Calibration Certificate

Certificate of Calibration

for

Description:	Sound Level Meter
Manufacturer:	SVANTEK
Type No.:	971 (Serial No.: 96063)
Microphone:	ACO 7052 E (Serial No.: 78092)
Preamplifier:	SVANTEK SV 18 (Serial No.:97278)

Submitted by:

Customer:	Acuity Sustainability Consulting Limited
Address:	Unit E, 12/F., Ford Glory Plaza,
	Nos. 37-39 Wing Hong Street,
	Cheung Sha Wan, Kowloon, Hong Kong

Upon receipt for calibration, the instrument was found to be:

\checkmark	Within
	Outside

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 21 June 2022

Date of calibration: 27 June 2022

Date of NEXT calibration: 26 June 2023

Calibrated by: alibration Technician

Date of issue: 27 June 2022

Certificate No.: APJ22-029-CC001

Certified by:

Mr. Tang Cheuk Hang Quality Manager



Page 1 of 4

(A+A)*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

1. Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

2. Calibration Conditions:

Air Temperature:	24.2 °C
Air Pressure:	1004 hPa
Relative Humidity:	60.8 %

3. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV200041	HOKLAS

4. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Sett	ing of Uni	t-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
25-124.5	dBA	SPL	Fast	94	1000	93.7	±0.4

Linearity

Setting of Unit-under-test (UUT)			App	lied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				94		93.7	Ref
25-124.5	dBA	SPL	Fast	104	1000	103.7	±0.3
				114		113.7	±0.3

Time Weighting

Setting of Unit-under-test (UUT)			Appl	ied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
25-124.5	A CIL	CDI	Fast	94	1000	93.7	Ref
23-124.5	dBA	SPL	Slow	94	1000	93.7	±0.3

Certificate No.: APJ22-029-CC001



Page 2 of 4



Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Appl	ied value	UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. We	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	94.1	±2.0
					63	94.0	±1.5
					125	94.0	±1.5
					250	94.0	±1.4
25-124.5	dB	SPL	Fast	94	500	93.9	±1.4
					1000	93.7	Ref
					2000	93.7	±1.6
					4000	95.5	±1.6
					8000	92.3	+2.1; -3.1

A-weighting

Setti	ing of Uni	t-under-te	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	54.8	-39.4 ±2.0
					63	67.9	-26.2±1.5
					125	77.9	-16.1±1.5
					250	85.3	-8.6±1.4
25-124.5	dBA	SPL	Fast	94	500	90.7	-3.2 ± 1.4
					1000	93.7	Ref
					2000	95.0	$+1.2 \pm 1.6$
					4000	96.6	$+1.0 \pm 1.6$
					8000	91.3	-1.1+2.1; -3.1

C-weighting

Sett	ing of Uni	t-under-t	est (UUT)	Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	91.1	-3.0 ±2.0
					63	93.2	-0.8 ± 1.5
					125	93.8	-0.2 ±1.5
					250	94.0	-0.0 ± 1.4
25-124.5	dBC	SPL	Fast	94	500	93.9	-0.0±1.4
					1000	93.7	Ref
					2000	93.6	-0.2 ±1.6
					4000	94.8	-0.8±1.6
					8000	89.4	-3.0+2.1; -3.1

Certificate No.: APJ22-029-CC001



Page 3 of 4

Room 422,Leader Industrial Centre,57-59 Au Pui Wan Street ,Fo Tan, Shatin,N.T.,Hong Kong Tel: (852) 2668 3423 Fax:(852) 2668 6946 Homepage: http://www.aa-lab.com E-mail : inquiry@aa-lab.com

(A+A)*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

5. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.10
	63 Hz	± 0.05
	125 Hz	± 0.05
	250 Hz	± 0.05
	500 Hz	± 0.05
	1000 Hz	± 0.05
	2000 Hz	± 0.05
	4000 Hz	± 0.05
	8000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Page 4 of 4

Certificate No.: APJ22-029-CC001



FACTORY CALIBRATION DATA OF THE SVAN 971 No. C119577

with preamplifier SVANTEK type SV 18 No. C122487 and

with microphone ACO type 7052E No. 85197

1. CALIBRATION* (acoustical)

LEVEL METER function; Range: Low; Reference frequency: 1000Hz; Sound Pressure Level: 114.03 dB.

Characteristic	Correct value [dB]	Indication [dB]	Error [dB]
Z	114.03	114.05	0.02
А	114.03	114.05	0.02
С	114.03	114.05	0.02

Calibration measured with the microphone ACO type 7052E No. 85197. Calibration factor: 0.74 dB.

2. LINEARITY TEST* (electrical)

LEVEL METER function; Range: Low; Characteristic: A; f sin= 31.5 Hz

Nominal result LEQ [dB]	24.0	25.0	26.0	28.0	30.0	40.0	60.0	83.0
Error [dB]	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0

LEVEL METER function; Range: Low; Characteristic: A; f sin= 1000 Hz

Nominal result LEQ [dB]	24.0	25.0	26.0	28.0	30.0	40.0	60.0	80.0	100.0	123.0
Error [dB]	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	-0.0	-0.0

LEVEL METER function; Range: Low; Characteristic: A; f sin= 8000 Hz

Nominal result LEQ [dB]	24.0	25.0	26.0	28.0	30.0	40.0	60.0	80.0	100.0	122.0
Error [dB]	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.0	-0.0	-0.0	-0.0

LEVEL METER function; Range: High; Characteristic: A; f sin= 31.5 Hz

Nominal result LEQ [dB]	34.0	35.0	36.0	38.0	40.0	60.0	80.0	97.0
Error [dB]	0.0	0.0	0.0	0.0	0.0	0.0	-0.0	0.0

LEVEL METER function; Range: High; Characteristic: A; f sin= 1000 Hz

Nominal result LEQ [dB]	34.0	35.0	36.0	38.0	40.0	60.0	80.0	100.0	120.0	137.0
Error [dB]	-0.0	0.0	-0.0	-0.0	-0.1	-0.1	· -0.0	-0.0	-0.0	-0.0

LEVEL METER function; Range: High; Characteristic: A; f sin= 8000 Hz

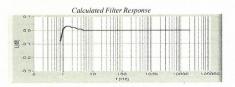
Nominal result LEQ [dB]	34.0	35.0	36.0	38.0	40.0	60.0	80.0	100.0	120.0	136.0
Error [dB]	-0.0	-0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0	-0.0	0.0

1/3 OCTAVE (1kHz); Range: Low; f sin= 1000 Hz

Nominal result [dB]	25.0	30.0	40.0	60.0	80.0	100.0	120.0	123.0
Error [dB]	0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0

4. FREQUENCY RESPONSE' (electrical)

LEVEL METER function; Characteristic: Z; Range: Low; Input signal =120 dB;



Measured Filter Response with Preamplifier SV18 (f-frequency, L-level)

f [Hz]	L [dB]	f [Hz]	L [dB]	f [Hz]	L [dB]
10	-0.1	63	0.0	4000	0.0
12.5	-0.0	125	0.0	8000	0.0
16	0.0	250	0.0	16000	0.0
20	0.0	500	0.0	20000	0.0
25	0.0	1000	0.0		
31.5	0.0	2000	0.0		

All frequencies are nominal center values for the 1/3 octave bands

5. INTERNAL NOISE LEVEL* (electrical - compensated)

LEVEL METER function; Range:	Low; (Back-light	 off) ; Calibratio 	n factor: 0dB	
Characteristic	7	Δ	C	

Level [dB]	≤20	≤12	≤12
------------	-----	-----	-----

* measured with preamplifier SVANTEK type SV 18 No. C122487.

6. INTERNAL NOISE LEVEL (acoustical - compensated)

LEVEL METER function; Characteristic: A; (Backlight - off)
--

Range	Low	High
Indication [dB]	≤15	20.5

Noise measured in special chamber, with reference microphone G.R.A.S type 40AN No. 73421

ENVIRONMENTAL CONDITIONS

Temperature	Relative humidity	Ambient pressure	
23 °C	42%	1008 hPa	

TEST EQUIPMENT

Item	Manufacturer	Model	Serial no.	Description	
1.	SVANTEK	SVAN 401	100	Signal generator	
2.	SVANTEK	SVAN 912A	4369	Sound & Vibration Analyser	
3.	RIGOL	DM3068	DM30155100773	0155100773 Digital multimeter	
4.	SVANTEK	SV33B	93171	3171 Acoustic calibrator	
5.	SVANTEK	ST02	-	Microphone equivalent electrical impedance (18pF)	

CONFORMITY & TEST DECLARATION

1. Herewith Svantek company declares that this instrument has been calibrated and tested in compliance with the internal ISO9001 procedures and meets all specification given in the Manual(s) or respectively surpass them.

2. The acoustic calibration was performed using the Sound Calibrator and is traceable to the GUM (Central Office of Measures) reference standard - sound level calibrator type 4231 No 2292773.

3. The information appearing on this sheet has been compiled specifically for this instrument. This form is produced with advanced equipment & procedures which permit comprehensive quality assurance verification of all data supplied herein.

4. This calibration sheet shall not be reproduced except in full, without written permission of the SVANTEK Ltd.

Calibration specialist: Cezary Dardziński ...

Test date: 2022-10-11

Certificate of Calibration

for

Description:	Sound Level Meter
Manufacturer:	SVANTEK
Type No.:	971 (Serial No.: 96062)
Microphone:	ACO 7052 E (Serial No.: 79778)
Preamplifier:	SVANTEK SV 18 (Serial No.:97276)

Submitted by:

Customer:	Acuity Sustainability Consulting Limited
Address:	Unit E, 12/F., Ford Glory Plaza,
	Nos. 37-39 Wing Hong Street,
	Cheung Sha Wan, Kowloon, Hong Kong

Upon receipt for calibration, the instrument was found to be:

✓ Within (31.5 Hz to 4k Hz)□ Outside

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 21 June 2022

Date of calibration: 27 June 2022

Date of NEXT calibration: 26 June 2023

Calibrated by: Calibration Technician

Date of issue: 27 June 2022

Certificate No.: APJ22-029-CC002

0 Certified by:

Mr. Tang Cheuk Hang Quality Manager



Page 1 of 4

F	Room 422, Leader Industrial Centre, 57-59 Au Pui Wan Street	Fo Tan, Shatin, N.T., Hong Kong
	Tel: (852) 2668 3423	Fax:(852)26686946
	Homepage: http://www.aa-lab.com	E-mail: inquiry@aa-lab.com

Calibration Precaution:

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.

1. Calibration Conditions:

Air Temperature:	24.2 °C
Air Pressure:	1004 hPa
Relative Humidity:	60.8 %

2. Calibration Equipment:

	Туре	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV200041	HOKLAS

3. Calibration Results

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq.	Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
25-124.5	dBA	SPL	Fast	94	1000	94.0	±0.4

Linearity

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
				94		94.0	Ref
25-124.5	dBA	SPL	Fast	104	1000	104.0	±0.3
				114		114.0	±0.3

Time Weighting

Setting of Unit-under-test (UUT)				Appl	ied value	UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
25-124.5	dBA	CDI	Fast	0.4	1000	94.0	Ref
25-124.5	uва	A SPL	Slow	94	94 1000	94.0	±0.3

Certificate No.: APJ22-029-CC002



Page 2 of 4



Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	94.3	±2.0
				63	94.2	±1.5	
	dB SPL		Fast	94	125	94.1	±1.5
25-124.5		SDI			250	94.1	±1.4
25-124.5		SFL			500	94.0	±1.4
					1000	94.0	Ref
					2000	93.7	±1.6
					4000	93.1	±1.6

A-weighting

Sett	Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. V	Veighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	54.9	-39.4 ±2.0
				63	68.0	-26.2±1.5	
		BA SPL	Fast	94	125	78.0	-16.1±1.5
25-124.5	dBA				250	85.4	-8.6±1.4
23-124.3	UDA	SFL			500	90.8	-3.2 ± 1.4
					1000	94.0	Ref
					2000	94.9	$+1.2 \pm 1.6$
		-			4000	94.2	$+1.0 \pm 1.6$

C-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1	
Range, dB	Freq. W	eighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
					31.5	91.3	-3.0 ±2.0
				63	93.4	-0.8±1.5	
25-124.5 dBC				125	93.9	-0.2±1.5	
	dBC SPI	SPL	Fast	94	250	94.1	-0.0 ± 1.4
25-124.5	ubc	UDC SFL			500	94.1	-0.0 ± 1.4
					1000	94.0	Ref
					2000	93.6	-0.2 ± 1.6
					4000	92.4	-0.8±1.6

Certificate No.: APJ22-029-CC002



Page 3 of 4

(A+A)*L Acoustics and Air Testing Laboratory Co. Ltd. 聲學及空氣測試實驗室有限公司

4. Calibration Results Applied

The results apply to the particular unit-under-test only. All calibration points are within manufacture's specification as IEC 61672 Class 1.

Uncertainties of Applied Value:

94 dB	31.5 Hz	± 0.15
	63 Hz	± 0.05
	125 Hz	± 0.05
	250 Hz	± 0.05
	500 Hz	\pm 0.05
	1000 Hz	± 0.05
	2000 Hz	\pm 0.05
	4000 Hz	± 0.10
104 dB	1000 Hz	± 0.05
114 dB	1000 Hz	± 0.05

The uncertainties are evaluated for a 95% confidence level.

Note:

The values given in this certification only related to the values measured at the time of the calibration and any uncertainties quoted will not allow for the equipment long-term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the calibration. (A+A)*L shall not be liable for any loss or damage resulting from the use of the equipment.



Page 4 of 4

Certificate No.: APJ22-029-CC002

Certificate No. D224350E



CALIBRATION CERTIFICATE

Product	1	SOUND CALIBRATOR
Туре	:	NC-75
Serial number	:	34724244
Manufacturer	:	RION CO., LTD.
Calibration quantities	:	Sound pressure level (with reference standard microphone)
Calibration method	:	Measured by specified secondary standard microphone
		according to JCSS calibration procedure specified by RION.
Ambient conditions	:	Temperature 23.9 °C, Relative humidity 49 %,
		Static pressure 99.9 kPa
Calibration date	:	05/07/2022 (DD/MM/YYYY)
Calibration location	:	3-20-41 Higashimotomachi, Kokubunji, Tokyo 185-8533, Japan
		RION CO., LTD. Calibration Room

We hereby certify that the results of this calibration were as follows.

Issue date : 11/07/2022 (DD/MM/YYYY)

Junichi Kawamura Manager Quality Assurance Section, Quality Assurance Department, Environmental Instrument Division, RION CO., LTD. 3-20-41 Higashimotomachi, Kokubunji, Tokyo 185-8533, Japan

This certificate is based on article 144 of the Measurement Law and indicates the result of calibration in accordance with measurement standards traceable to Primary Measurement Standards (National Standards) which realizes the physical units of measurement according to the International System of Units (SI).

The accreditation symbol is attestation of which the result of calibration is traceable to Primary Measurement Standards (National Standards).

The certificate shall not be reproduced except in full, without the written approval of the issuing laboratory.

The calibration laboratory who issued this calibration certificate conforms to ISO/IEC 17025:2017.

This calibration certificate was issued by the calibration laboratory accredited by IAJapan who is a signatory to the Mutual Recognition Arrangement (MRA) of International Laboratory Accreditation Cooperation (ILAC) and Asia Pacific Accreditation Cooperation (APAC). This (These) calibration result(s) may be accepted internationally through ILAC/APAC MRA.



Certificate No. D224350E

CALIBRATION RESULT

1. Sound pressure level (with reference standard microphone)

Measured	Expanded
value	uncertainty $*_1$
93.99 dB	0.09 dB

*1 Defines an interval estimated to have a level of confidence of approximately 95 %. Coverage factor k=2

Calibration result is the calibration value in ambient conditions during calibration.

BE OUT OF JCSS CALIBRATION

1. Frequency

Measured value	Measurement uncertainty (k=2)
1000.0 Hz	$3.9 imes10^{\cdot4}\mathrm{Hz}$

Working measurement standard universal counter: Type : 53132A Serial number : MY40005574 (JCSS Calibration Certificate No. 21081499079575510)

2. Total distortion

Measured
value
0.2 %

Working measurement standard distortion meter: Type : VA-2230A Serial number : 11076061 (A2LA Calibration Certificate No. 1501-03080)

RION

· closing ·

Appendix I Event / Action Plan for Noise Exceedance

Event Action	Actions to be taken by Environmental Team as immediate as practicable	Actions to be taken by Independent Environmental Checker as immediate as practicable 1. Review the investigation results	Actions to be taken by Supervising Officer's Representative as immediate as practicable 1. Confirm receipt of notification of	Actions to be taken by Contractor as immediate as practicable 1. Submit noise mitigation
Level being exceeded	2. Carry out investigation;	 submitted by the ET; Review the proposed remedial measures by the Contractor and advise the SO accordingly; Advise the SO on the effectiveness of the proposed remedial 	failure in writing;	 proposals to IEC and SO; Implement noise mitigation proposals. (The above actions should be taken within 2 working days after the exceedance is identified)
exceeded	 Inform IEC, SO, Contractor and EPD; Repeat measurements to confirm findings; Increase monitoring frequency; Identify source and investigate the cause of exceedance; Carry out analysis of Contractor's working procedures; Discuss with the IEC, Contractor and SO on remedial measures required; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified) 	actions whenever necessary to assure their effectiveness and advise the SO accordingly. (The above actions should be taken within 2 working days after	 In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Supervise the implementation of 	 Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC and SO within 3 working days of notification; Implement the agreed proposals; Submit further proposal if problem still not under control; Stop the relevant portion of works as instructed by the SO until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)

Appendix J Noise Monitoring Data

Location:	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1 (M1 / N_S1)
Monitoring date:	06, 13, 20, 27 February 2023 (Daytime)
	06&07, 13&14, 20&21, 27&28 February 2023 (Evening & Night time)
Parameter :	Leq 30min (Daytime), Leq 5min (Evening & Night time)
Noise source other than construction activities from the Project:	Nil

Noise Monitoring Data:

Date	Start time		End time	Weather	$\frac{L_{eq 30min} dB(A)}{L_{eq 5min} dB(A)}$	Sound Level Meter Used	Calibrator Used	
06 Feb 2023	13:18	-	13:48	Sunny	59.9	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
	19:13	-	19:18		43.9	$\mathbf{GVAN} = 0.71 (0 + 0.71)$	D: NO 75	
06 Feb 2023	20:08	-	20:13	Fine	47.8	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
2025	21:08	-	21:13		42.2	NO. 90002)	(1N0.34/24244)	
07 Feb	1:18	-	1:23		40.5	SVAN 071 (Seriel	Rion NC-75	
2023	3:23	-	3:28	Fine	40.3	SVAN 971 (Serial No. 96062)		
2025	5:28	-	5:33		38.3	NO. 90002)	(No.34724244)	
13 Feb 2023	13:47	-	14:17	Sunny	59.0	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
12 E-1	19:17	-	19:22		49.0	QUANO71 (Carial	Dian NC 75	
13 Feb 2023	20:27	-	20:32	Fine	45.7	SVAN 971 (Serial	Rion NC-75	
2023	21:22	-	21:27		43.6	No. 96062)	(No.34724244)	
14 E-1	1:17	-	1:22		40.2		Rion NC-75	
14 Feb 2023	3:17	-	3:22	Fine	35.1	SVAN 971 (Serial	(No.34724244)	
2025	5:22	-	5:27		40.4	No. 96062)	(110.34/24244)	
20 Feb 2023	13:53	-	14:23	Sunny	64.5	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
20 E-1	19:18	-	19:23		42.3	QUANO71 (Carial	Rion NC-75	
20 Feb 2023	20:13	-	20:18	Fine	52.8	SVAN 971 (Serial	(No.34724244)	
2025	21:28	-	21:33		43.6	No. 96062)		
01 Esh	1:13	-	1:18		46.5	SVAN 071 (Seriel	Diam NC 75	
21 Feb 2023	3:18	-	3:23	Sunny	44.3	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
2025	5:18	-	5:23		41.8	NO. 90002)		
27 Feb 2023	13:34	-	14:04	Fine	61.7	SVAN 971 (Serial No. 96062)	Rion NC-75 (No.34724244)	
	19:29	-	19:34		62.0		D' NO 75	
27 Feb 2023	20:24	-	20:29	Fine	50.1	SVAN 971 (Serial	Rion NC-75	
2023	21:29	-	21:34		42.5	No. 96062)	(No.34724244)	
20 Eak	1:09	-	1:14		45.3	SVAN 071 (Cari-1	Rion NC-75	
28 Feb 2023	3:19	-	3:24	Fine	41.7	SVAN 971 (Serial No. 96062)		
2023	5:14	-	5:19		41.1	INO. 90002)	(No.34724244)	

Location:	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2 (M2 / N_S2)
Monitoring date:	06, 13, 20, 27 February 2023 (Daytime)
	06&07, 13&14, 20&21, 27&28 February 2023 (Evening & Night time)
Parameter :	Leq 30min (Daytime), Leq 5min (Evening & Night time)
Noise source other than construction activities from the Project:	Nil

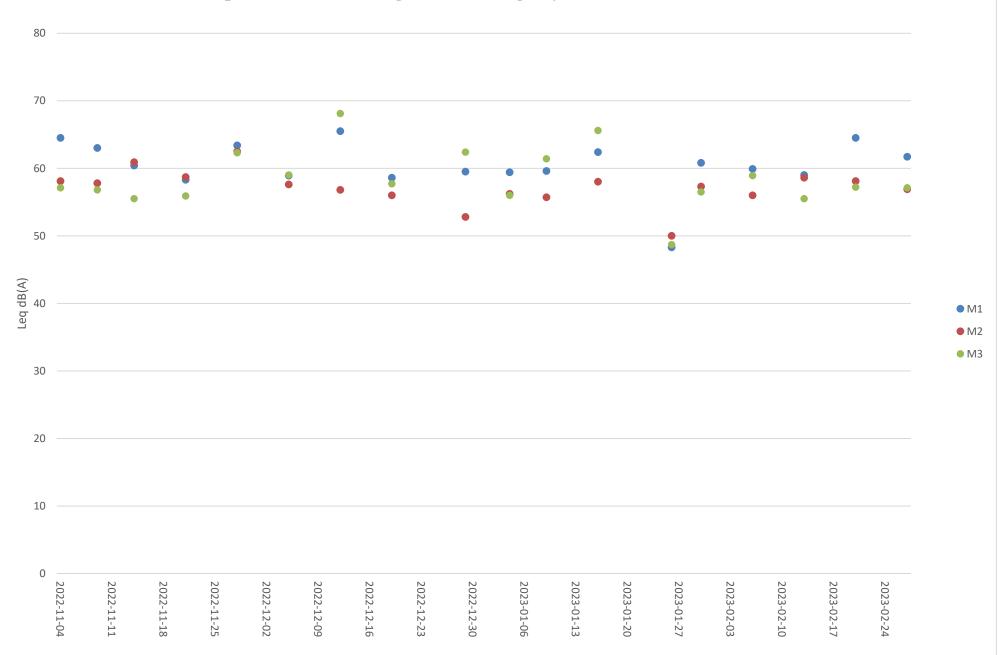
Noise Monitoring Data:

Date	Start time		End time	Weather	$\frac{L_{eq 30min} dB(A) /}{L_{eq 5min} dB(A)}$	Sound Level Meter Used	Calibrator Used	
06 Feb 2023	13:28	-	13:58	Sunny	56.0	SVAN 971 (Serial No. C119577)	Rion NC-75 (No.34724244)	
	19:08	-	19:13		51.4	QUANO71 (Carial	D: NG 75	
06 Feb	20:28	-	20:33	Fine	47.1	SVAN 971 (Serial	Rion NC-75	
2023	21:08	-	21:13		45.6	No. C119577)	(No.34724244)	
07 E-1	1:13	-	1:18		44.5		D' NO 75	
07 Feb	3:28	-	3:33	Fine	44.4	SVAN 971 (Serial	Rion NC-75	
2023	5:18	-	5:23		43.7	No. C119577)	(No.34724244)	
13 Feb 2023	13:33	-	14:03	Sunny	58.6	SVAN 971 (Serial No. C119577)	Rion NC-75 (No.34724244)	
12 1 1	19:08	-	19:13		47.1	QUAN 071 (0 1	Dian NC 75	
13 Feb	20:23	-	20:28	Fine	48.2	SVAN 971 (Serial	Rion NC-75	
2023	21:18	-	21:23		53.7	No. C119577)	(No.34724244)	
14 E-1	1:28	-	1:33		49.3	QUANO71 (Carial	Dian NO 75	
14 Feb	3:23	-	3:28	Fine	44.7	SVAN 971 (Serial	Rion NC-75 (No.34724244)	
2023	5:23	-	5:28		54.3	No. C119577)	(110.3+724244)	
20 Feb 2023	13:38	-	14:08	Sunny	58.1	SVAN 971 (Serial No. C119577)	Rion NC-75 (No.34724244)	
	19:13	-	19:18		51.3	QUAN 071 (0 1	Rion NC-75	
20 Feb	20:13	-	20:18	Fine	48.2	SVAN 971 (Serial	(No.34724244)	
2023	21:23	-	21:28		49.6	No. C119577)		
	1:23	-	1:28		55.4		Rion NC-75 (No.34724244)	
21 Feb 2023	3:13	-	3:18	Sunny	49.1	SVAN 971 (Serial		
2025	5:23	-	5:28		48.4	No. C119577)		
27 Feb 2023	13:14	-	13:44	Fine	56.9	SVAN 971 (Serial No. C119577)	Rion NC-75 (No.34724244)	
07 F 1	19:19	-	19:24		58.0		D: NG 75	
27 Feb 2023	20:29	-	20:34	Fine	52.3	SVAN 971 (Serial	Rion NC-75	
2023	21:34	-	21:39		51.1	No. C119577)	(No.34724244)	
20 E-1	1:14	-	1:19		56.3	QUAN 071 (0	Dian NO 75	
28 Feb	3:24	-	3:29	Fine	50.6	SVAN 971 (Serial No. C119577)	Rion NC-75	
2023	5:14	-	5:19		50.1	100. C1193//)	(No.34724244)	

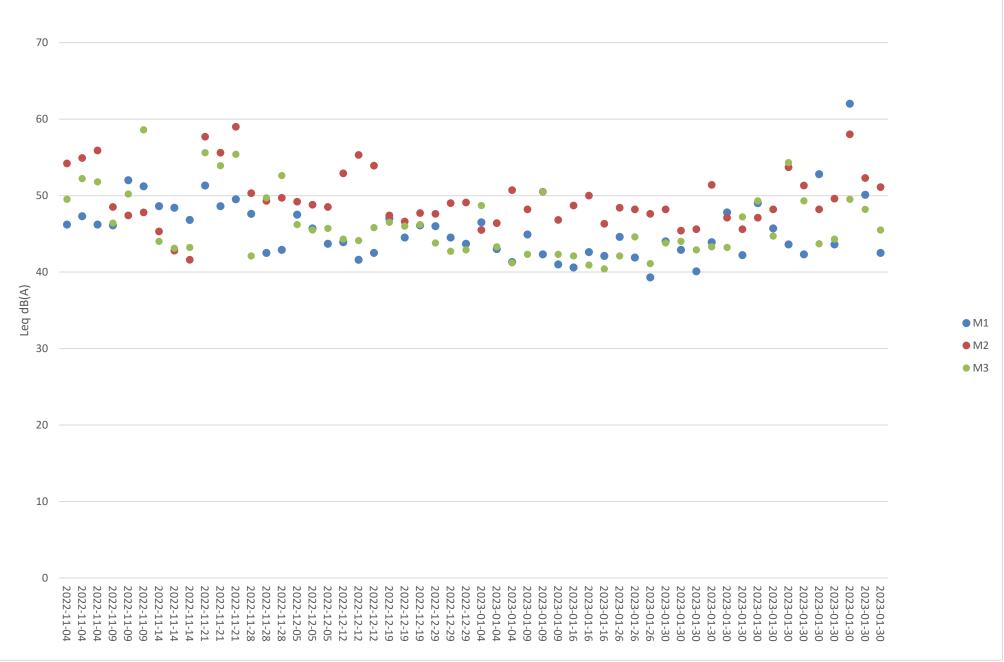
Location:	Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3 (M3 / N_S3)
Monitoring date:	06, 13, 20, 27 February 2023 (Daytime)
	06&07, 13&14, 20&21, 27&28 February 2023 (Evening & Night time)
Parameter :	Leq 30min (Daytime), Leq 5min (Evening & Night time)
Noise source other than construction activities from the Project:	Air-conditioner

Noise Monitoring data:

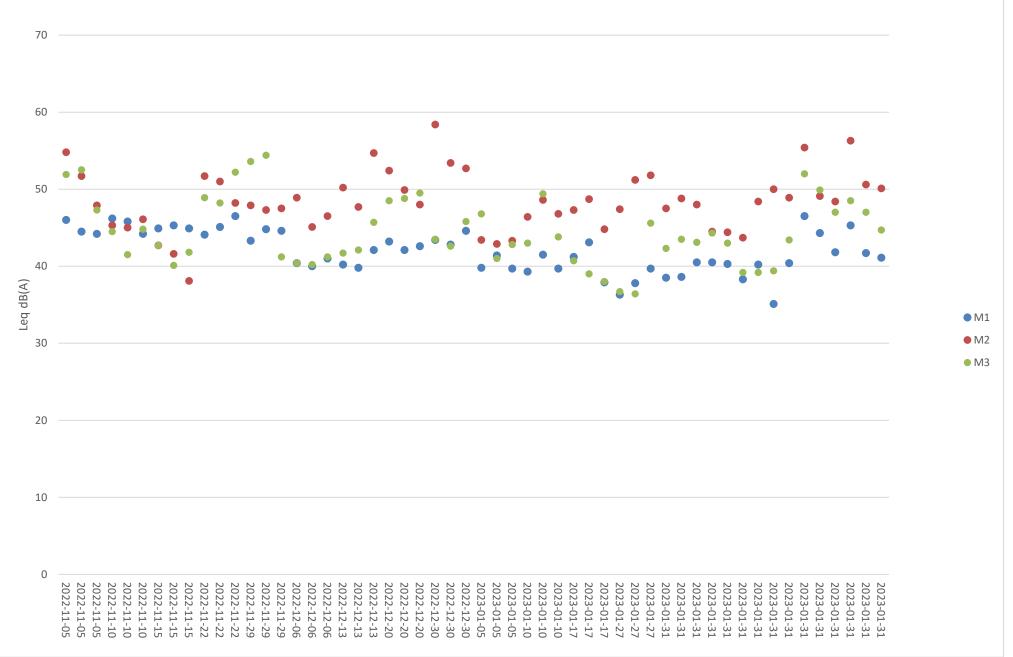
Date	Start time		End time	Weather	$\frac{L_{eq 30min} dB(A)}{L_{eq 5min} dB(A)}$	Sound Level Meter Used	Calibrator Used	
06 Feb 2023	13:24	-	13:54	Sunny	58.9	SVAN 971 (Serial No. 96063)	Rion NC-75 (No.34724244)	
	19:09	-	19:14		43.3		D' NO 75	
06 Feb	20:14	-	20:19	Fine	43.2	SVAN 971 (Serial	Rion NC-75	
2023	21:24	-	21:29		47.2	No. 96063)	(No.34724244)	
07 E-1	1:19	-	1:24		44.3		D' NO 75	
07 Feb	3:14	-	3:19	Fine	43.0	SVAN 971 (Serial	Rion NC-75	
2023	5:14	-	5:19		39.2	No. 96063)	(No.34724244)	
13 Feb 2023	13:19	-	13:49	Sunny	55.5	SVAN 971 (Serial No. 96063)	Rion NC-75 (No.34724244)	
12 1 1	19:14	-	19:19		48.4		Rion NC-75	
13 Feb	20:24	-	20:29	Fine	50.0	SVAN 971 (Serial	(No.34724244)	
2023	21:19	-	21:24		48.9	No. 96063)	(1N0.34724244)	
14 🖂 1	1:14	-	1:19		39.2		D: NO 75	
14 Feb 2023	3:09	-	3:14	Fine	39.4	SVAN 971 (Serial	Rion NC-75	
2025	5:14	-	5:19		43.4	No. 96063)	(No.34724244)	
20 Feb 2023	13:12	-	13:42	Sunny	57.2	SVAN 971 (Serial No. 96063)	Rion NC-75 (No.34724244)	
20 E 1	19:12	-	19:17		49.3		Rion NC-75	
20 Feb	20:12	-	20:17	Fine	43.7	SVAN 971 (Serial		
2023	21:32	-	21:37		44.3	No. 96063)	(No.34724244)	
	1:17	-	1:22		52.0		Rion NC-75 (No.34724244)	
21 Feb	3:22	-	3:27	Sunny	49.9	SVAN 971 (Serial		
2023	5:22	-	5:27		47.0	No. 96063)		
27 Feb 2023	13:37	-	14:07	Fine	57.1	SVAN 971 (Serial No. 96063)	Rion NC-75 (No.34724244)	
07 F 1	19:22	-	19:27		49.5			
27 Feb	20:12	-	20:17	Fine	48.2	SVAN 971 (Serial	Rion NC-75	
2023	21:07	-	21:12	1	45.5	No. 96063)	(No.34724244)	
	1:07	-	1:12		48.5		Dian NO 75	
28 Feb	3:12	-	3:17	Fine	47.0	SVAN 971 (Serial	Rion NC-75	
2023	5:07	-	5:12]	44.7	No. 96063)	(No.34724244)	



Impact Noise Monitoring Results during Day Time (0700 - 1900 hours)



Additional Impact Noise Monitoring Results during Evening Time (1900 - 2300 hours)



Additional Impact Noise Monitoring Results during Night Time (2300 - 0700 hours)

Appendix K Waste Flow Table



吉寶西格斯 - 振華聯營公司 Keppel Seghers - Zhen Hua Joint Venture

Monthly Summary Waste Flow Table for _____

<u>2018 (year)</u>

Project : Integrated Waste Management Facilities, Phase 1

Contract No.: EP/SP/66/12

	Actual Quantities of Inert C&D Materials Generated Monthly									Actual Quantities of C&D Wastes Generated Monthly					
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete (see Note 1)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill (see Note 4)	Imported Fill Sand (see Note 4)	Imported Fill Public fill (see Note 4)	Imported Fill Rock (see Note 4)	Metals (see Note 5)	Paper/ cardboard packaging (see Note 5)	Plastics (see Note 2, 5)	Chemical Waste		Others, e.g. general refuse (see Note 3)	
	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)	(in ,000m ³	(in ,000m ³)	(i	$(n,000m^3)$	1	(in ,000 kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	(in ,000 m ³)	
Jan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Feb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Apr	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jun	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sub-total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Jul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Aug	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0065	
Sep	0	0	0	0	0	2.9619	0	0	0	0	0	0	0	0	
Oct	0	0	0	0	0	3.0771	0	0	0	0	0	0	0	0.0130	
Nov	0	0	0	0	0	6.7871	0	0	0	0	0	0	0	0	
Dec	0	0	0	0	0	59.0709	0	0	0	0	0	0.2000	0.8700	0	
Total	0	0	0	0	0	71.8970	0	0	0	0	0	0.2000	0.8700	0.0195	

Notes:

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$

(5) Materials recycled.



吉寶西格斯 - 振華聯營公司 **Keppel Seghers - Zhen Hua Joint Venture**

Monthly Summary Waste Flow Table for



2019

(year)

Project : In	roject : Integrated Waste Management Facilities, Phase 1										Contract No.: EP/SP/66/12				
		Actual	Quantities of	Inert C&D	Materials Gei	nerated Mon	thly		Actual Quantities of C&D Wastes Generated Monthly						
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete (see Note 1)	Reused in the Contract	Reused in other Projects	Public Fill (see Note 4)	Imported Fill Sand (see Note 4)	Fill Public fill (see Note 4)	,	Metals (see Note 5)	Paper/ cardboard packaging (see Note 5)	Plastics (see Note 2, 5)	Chemica	l Waste	Others, e.g. general refuse (see Note 3)	
	(in ,000m ³)	$(in,000m^3)$	$(in,000m^3)$	(in ,000m ³	(in ,000m ³)	(in ,000m ³)			(in ,000 kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	$(in,000 m^3)$	
Jan	0	0	0	0	0	82.6139	0	0	0	0	0	0	0	0.0065	
Feb	0	0	0	0	0	46.7821	0	0	0	0	0	0	0	0	
Mar	0	0	0	0	0	97.1000	0	0.7552	0	0.2560	0	0	0	0	
Apr	0	0	0	0	0	58.0413	0	0	0	0	0	0	0	0	
May	0	0	0	0	0	14.5625	0	1.4648	0	0	0	0	0	0.0065	
Jun	0	0	0	0	0	0	0	6.8421	0	0	0	0	0	0	
Sub-total	0	0	0	0	0	299.0998	0	9.0621	0	0.2560	0	0	0	0.0130	
Jul	0	0	0	0	0	0	0	0.4289	0	0	0	0	8.4000	0.0130	
Aug	0	0	0	0	0	2.5775	0	10.5600	0	0	0	0	0	0	
Sep	0	0	0	0	0	6.1081	0	8.4704	0	0.3530	0	0	0	0.0065	
Oct	0	0	0	0	0	9.8875	0	7.1900	0	0	0	0	0	0	
Nov	0	0	0	0	0	38.3088	0	19.3105	0	0	0	0	0	0.0195	
Dec	0	0	0	0	0	54.3469	0	26.9807	0	0	0	0	0	0.0910	
Total	0	0	0	0	0	410.3286	0	82.0026	0	0.6090	0	0	8.4000	0.1430	

Broken concrete for recycling into aggregates. Notes: (1)

Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials. (2)

Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume. (3)

Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$ (4)

(5) Materials recycled.



Monthly Summary Waste Flow Table for _____



2020

(year)

Project : Integrated Waste Management Facilities, Phase 1 Contract No.: EP/SP/66/12 Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly Imported Imported Imported Hard Rock Paper/ Fill Fill Fill and Large Reused in Disposed as Others, e.g. general Metals cardboard Total Reused in Plastics Month Broken Public Rock Sand Public Fill refuse packaging **Chemical Waste** the other (see Note (see Note 2, Quantity Concrete fill (see Note (see Note (see Note Generated Contract Projects 5) 5) (see Note 4) (see Note 3) (see Note 4) (see Note 4) 5) 1) 4) $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in, 000m^3)$ $(in, 000m^3)$ (in ,000kg) (in ,000kg) (in ,000 kg) (in ,000kg) (in ,000L) $(in, 000 \text{ m}^3)$ 0 0 0 0 0 37.1550 25.0812 0 0 0 0 0 0.0065 Jan 0 27.7910 Feb 0 0 0 0 0 0 18.8300 0 0 0 0 0 0.0065 0 0 0 0 0 22.5669 0 26.1586 0 0 0 0 7.2000 0.0065 Mar 0 0 0 0 0 0 0 0 0 12.7800 0 10.1825 0 0.0195 Apr 0 0 0 0 0 16.1138 0 24.3740 0 0.4220 0 0 0 0.0195 May 0 0 0 0 0 31.5177 0 28.3030 0 0 0 0 0 0.0065 Jun 0 0 Sub-total 0 0 0 0 0 147.9244 132.9293 0 0.4220 0 7.2000 0.0650 0 0 0 0 0 0 34.7856 17.0606 35.1800 0 0 0 0 0.0195 Jul 65.5667 0 0 0 0 0 27.1375 27.9335 0 0 0 0 0 0 Aug 110.1328 43.5435 Sep 0 0 0 0 0 11.9813 0 0 0 0 0 0.0195 0 0 0 0 0 2.8213 131.6600 22.5415 0 0 0 0 0 0.0130 Oct 0 0 0 0 0 Nov 0 0 162.1811 44.6475 0.4090 0 0 0.4000 0.0130 174.9800 57.8380 0 0 0 Dec 0 0 0 0 0 0 0 0 0.0130 0 0 224.6501 661.5812 364.6133 0 0 0 0 0.8310 0 0 7.6000 Total 0.1430

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$

(5) Materials recycled.



Monthly Summary Waste Flow Table for _____

<u>2021 (year)</u>

Project : Integrated Waste Management Facilities, Phase 1 Contract No.: EP/SP/66/12 Actual Quantities of Inert C&D Materials Generated Monthly Actual Quantities of C&D Wastes Generated Monthly Hard Rock Imported Imported Imported Paper/ and Large Fill Fill Fill Reused in Disposed as Metals Others, e.g. general Total Reused in cardboard Plastics Month Broken Public fill Sand Rock refuse Public Fill packaging Chemical Waste Quantity the other (see Note (see Note 2. Concrete (see Note (see Note (see Note (see Note 5) 5) Generated Contract Projects (see Note 4) (see Note 3) (see Note 4) 4) 4) 5) 1) $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ $(in,000m^3)$ (in ,000 kg) (in ,000kg) (in ,000kg) (in ,000kg) $(in,000 \text{ m}^3)$ (in .000L) 0 0 0 0 0 0 198.1311 0 0 0 0 0 36.4775 0.0065 Jan 0 0 0 0 0 0 0 0 0 0 0 Feb 143.9511 20.9960 0.6305 0 0 0 0 0 0 103.1833 23.4510 0 0 0 0 0 0.0130 Mar 0 0 0 0 0 0 161.2956 0 Apr 27.2810 0 0 0 0 0.0130 0 0 0 0 0 0 0 0 0 193.3300 0 0 0.0715 May 20.5265 0 0 0 0 0 23.7825 0 0 0 0 141.5728 0 0.2440 0.0455 Jun 0 0 0 0 0 0 941.4639 152.5145 0 0.2440 0 0 0 0.7800 Sub-total 0 0 0 0 0 0 105.1083 30.6065 0 0 0 0 0 0.0195 Jul 0 0 0 0 0 0 0 11.1822 7.5180 0 0 0 0 0.0130 Aug 0 0 0 Sep 0 0 0 0 5.7575 0 0 0 0 0.6000 0.0390 0 0 0 0 0 0 0 0 0 0 0 0 6.8885 0 Oct 0 0 0 0 0 0 0 0 6.2975 0 0.1610 0 0 0.0130 Nov Dec 0 0 0 0 0 0 0 5.9235 0 0 0 0 0 0 0 0 0 Total 0 0 0 1057.7544 215.5060 0 0.4050 0 0 0.6000 0.8645

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$.

(5) Materials recycled.



Monthly Summary Waste Flow Table for



2022

(year)

Project : In	ntegrated W	aste Manag	gement Faci	ilities, Phas	e 1						Con	tract No.: EP	/SP/66/12	
		Actual	Quantities of	of Inert C&E	O Materials Ge	enerated Mo	nthly			Actual	Quantities of	C&D Wastes	Generated M	lonthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete (see Note 1)	Reused in the Contract	Reused in other Projects (see Note 4)	Disposed as Public Fill (see Note 4)	Imported Fill Sand (see Note 4)	Imported Fill Public fill (see Note 4)	Imported Fill Rock (see Note 4)	Metals (see Note 5)	Paper/ cardboard packaging (see Note 5)	Plastics (see Note 2, 5)	Chemica	l Waste	Others, e.g. general refuse (see Note 3)
	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)	(in ,000m ³	$(in,000m^3)$		$(in,000m^3)$	T	(in ,000 kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	(in ,000 m ³)
Jan	0	0	0	0	0	0	4.9389	2.7070	0	0.1550	0	0	0	0.0715
Feb	0	0	0	0	0	0	3.2478	4.0290	0	0	0	0.4000	0.2250	0
Mar	0	0	0	0	0	0	2.3422	2.7820	0	0	0	0	0	0.0780
Apr	0	0	0	0	0	0	18.2189	5.8100	0	0.3120	0	0	0	0.1495
May	0.0648	0	0	0	0.0648	0	16.7711	17.2320	0	0	0	0	0	0.0975
Jun	0.0037	0	0	0	0.0037	0.2115	1.1128	14.1470	36.3000	0.3890	0	0	1.7250	0.0975
Sub-total	0.0685	0	0	0	0.0685	0.2115	46.6317	46.7070	36.3000	0.8560	0	0.4000	1.9500	0.4940
Jul	25.7183	0	0	25.7183	0	0.1125	0.8333	17.5210	0	0.6400	0.0060	0	0	0.1235
Aug	13.2494	0	0	13.2494	0	0	0	24.5210	76.0300	1.8870	0	0	0	0.1170
Sep	24.9072	0	0	24.8494	0.0578	0	0	16.2815	72.0600	0.3060	0	0	0	0.1885
Oct	13.3139	0	0	13.3006	0.0133	0	0	11.8665	78.1000	0.5800	0	0	0	0.2405
Nov	26.5583	0	0	26.5583	0	0	0	7.2055	0	0	0	0	0	0.1105
Dec	29.1411	0	0	29.1411	0	0	0	3.5174	0	0	0	0	0	0.2535
Total	132.9567	0	0	132.8171	0.1396	0.3240	47.4650	127.6199	262.4900	4.2690	0.0060	0.4000	1.9500	1.5275

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$.

(5) Materials recycled.



Monthly Summary Waste Flow Table for _____

<u>2023 (year)</u>

Project : Ir	ntegrated W	aste Manag	gement Faci	lities, Phas	e 1				1		Con	tract No.: EP	/SP/66/12	
		Actual	Quantities of	of Inert C&I	Materials G	enerated Mo	nthly			Actual	Quantities of	C&D Wastes	Generated M	onthly
Month	Total Quantity Generated	Hard Rock and Large Broken Concrete (see Note 1)	Reused in the Contract	Reused in other Projects (see Note 4)	Disposed as Public Fill (see Note 4)	Imported Fill Sand (see Note 4)	Imported Fill Public fill (see Note 4)	Imported Fill Rock (see Note 4)	Metals (see Note 5)	Paper/ cardboard packaging (see Note 5)	Plastics (see Note 2, 5)	Chemica	l Waste	Others, e.g. general refuse (see Note 3)
	(in ,000m ³)	(in ,000m ³)	(in ,000m ³)	(in ,000m ³	$(in,000m^3)$		$(in,000m^3)$		(in ,000 kg)	(in ,000kg)	(in ,000kg)	(in ,000kg)	(in ,000L)	$(in,000 \text{ m}^3)$
Jan	24.6728	0	0	24.6728	0	0	0	1.3545	0	0.3150	0	0	0	0.1365
Feb	26.7206	0	0	26.7206	0	0	0	1.8990	11.1501	0	0.0007	0	0	0.1235
Mar														
Apr														
May														
Jun														
Sub-total	51.3934	0	0	51.3934	0	0	0	3.2535	11.1501	0.3150	0.0007	0	0	0.2600
Jul														
Aug														
Sep														
Oct														
Nov														
Dec														
Total	24.6728	0	0	24.6728	0	0	0	1.3545	0	0.3150	0	0	0	0.1365

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/ containers, plastic sheets/ foam from packaging materials.

(3) Use the conversion factor : 1 full load of dumping truck being equivalent to $6.5m^3$ by volume.

(4) Use the conversion factor: sand density = $1.6T/m^3$, public fill density = $1.8T/m^3$ and rock density = $2T/m^3$.

(5) Materials recycled.

Appendix L Event / Action Plan for Coral Monitoring

Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

Keppel Seghers – Zhen Hua Joint Venture

Event		Actio	n	
_	ET Leader II	EC S	o c	ontractor
Exceedance	2. Inform the IEC, SO ,and	Discuss monitoring with the 1. ET and the Contractor; Review proposals for additional monitoring and any other measures submitted by the Contractor 2. and advise the SO accordingly.	Discuss with the IEC 1. additional monitoring requirements and any other measures proposed by the 2. ET; Make the agreement on the measures to be 3. implemented.	notification of the non-compliance in writing; Discuss with the ET and the IEC and propose measures to the IEC and the SO;
Limit Level ¹ Exceedance	 Undertake Steps 1-4 as in 1. the Action Level Exceedance. If further 2. exceedance of Limit Level, propose enhancement measures for consideration. 	Discuss monitoring with the 1. ET and the Contractor; Review proposals for additional monitoring and any other measures submitted by the Contractor 2. and advise the SO accordingly.	Discuss with the IEC 1. additional monitoring requirements and any other measures proposed by the 2. ET; Make the agreement on the measures to be 3. implemented.	notification of the non-compliance in writing; Discuss with the ET and the IEC and propose measures to the IEC and the SO;

Appendix M Event / Action Plan for White-Bellied Sea Eagle

Event		Action	
	Environmental	Audit Team	Contractor
	Team		
Absence of White-bellied Sea Eagle during a whole day of monitoring.	Inform audit team. Increase monitoring frequency to daily.	 Inform site engineer and contractor. If the absence remains: Review construction activities and noise monitoring records of the associated period; Identify potential causes of the absence; Propose remedial measures, such as change of construction method and sequence; Confirm the feasibility of the proposed remedial measures with site engineer and contractor; Discuss with environmental team about the effectiveness of the proposed remedial measures. 	Implement the agreed remedial measures.

Appendix N Exceedance Report

Integrated Waste Management Facilities, Phase 1

	Water Quali	ity (Regular Monitoring)	
Location	Action Level	Limit Level	Total
B1	0	1	1
B2	0	1	1
B3	1	1	2
B4	0	1	1
CR1	0	0	0
CR2	0	0	0
F1A	0	0	0
H1	2	1	3
S1		Not applicable	·
S2A		Not applicable	
S3		Not applicable	
M1	1	0	1

Statistical Summary of Exceedances in the Reporting Period

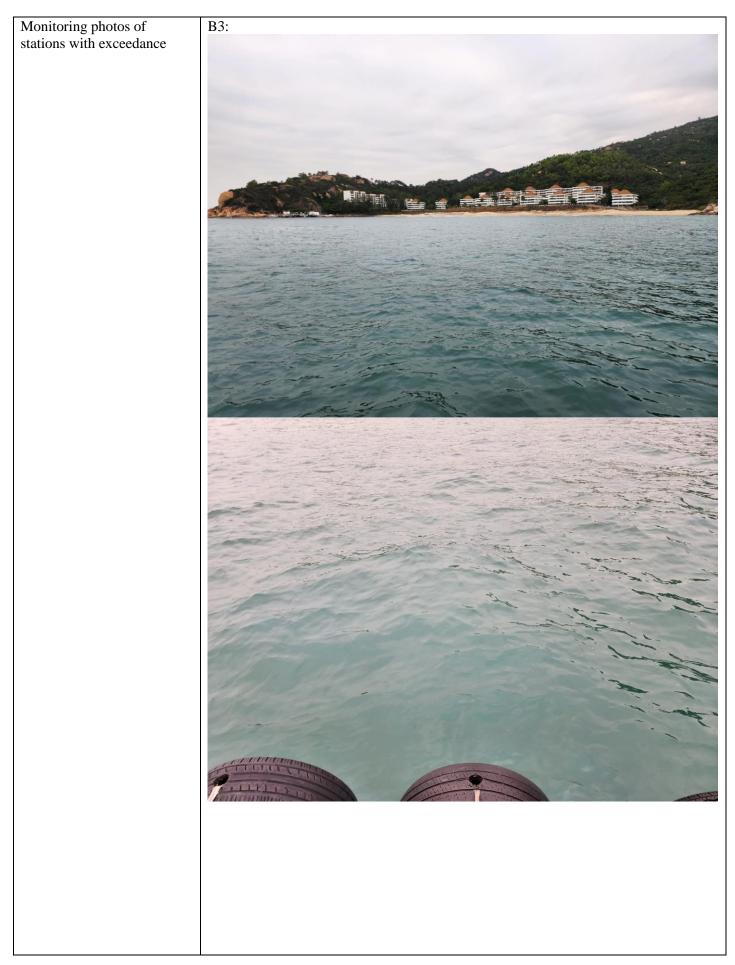
Integrated Waste Management Facilities, Phase 1

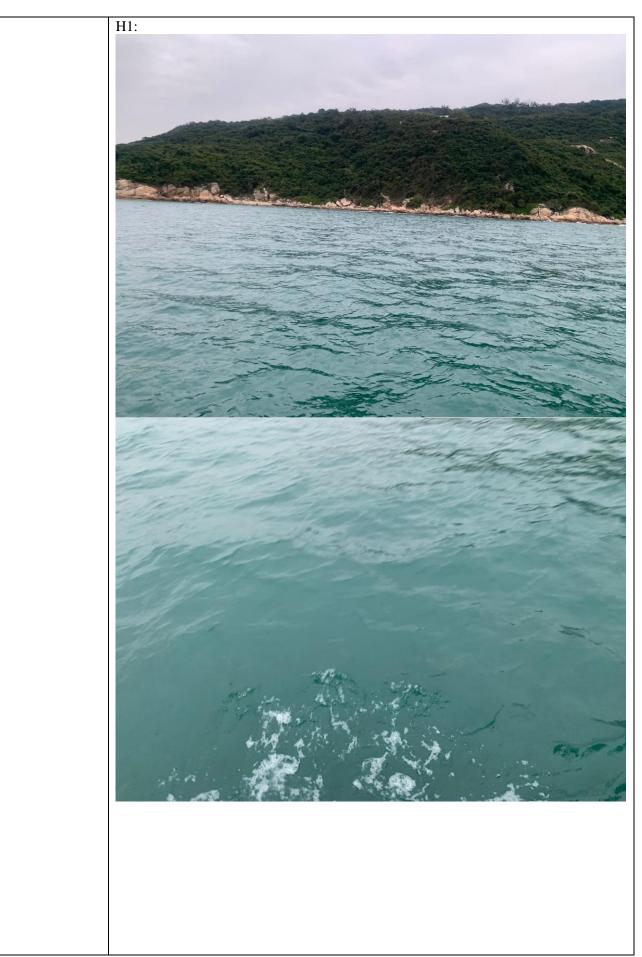
	Noise (I	Day Time)	
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0
	Noise (Ev	ening Time)	·
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0
	Noise (N	ight Time)	·
Location	Action Level	Limit Level	Total
M1	0	0	0
M2	0	0	0
M3	0	0	0

Incident Report on Action Level or Limit Level Non-compliance

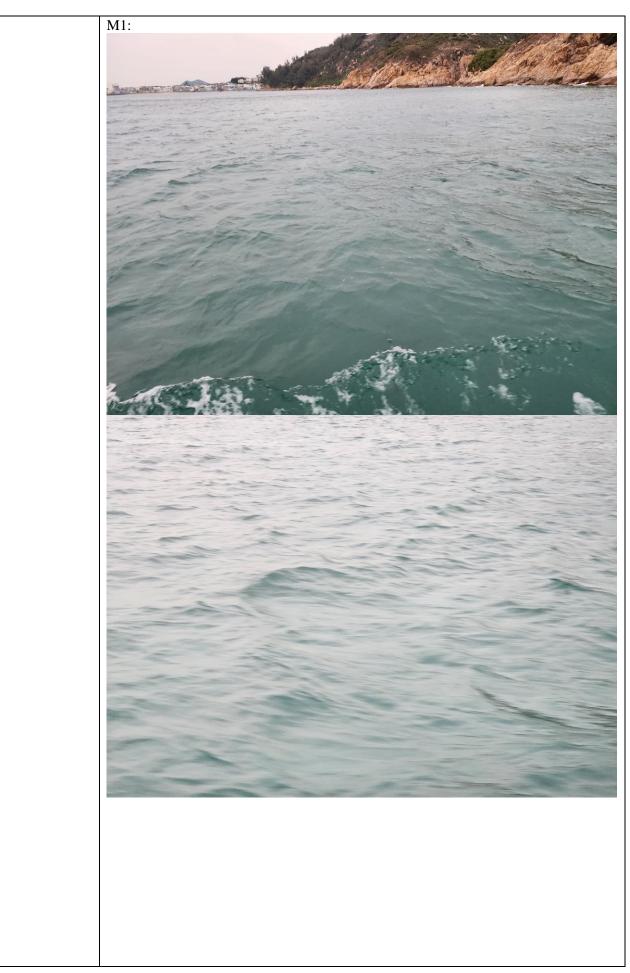
Project	Integrated Waste Managemen	nt Facilities. Pha	se 1	
Date	14 Feb 2023 (Lab result recei			
Time	17:09 – 19:00 (Mid-Ebb)		<u> </u>	
	Mid-E	Ebb		
Monitoring Location	B3, H1, M1 B10 S1 + • C1A	B2 POPOSED OUTFAIL + S2A submARINE CABLES + BORDOSED RECLAMED ARE FOR THE IMME	B4 B3 B4 B3 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4 B4	FIA FIA N FIA PEIA PEIA
D				·
Parameter	Suspended Solid (SS)			
Action & Limit Levels	Action Level		Limit Level	
	\geq 8.0 mg/L		≥ 10.0 mg/L	
Measurement Level	Impact Station(s) of	Control Station	ns	Impact Station(s) without
	Exceedance	5.2 m = /L (C1.4		Exceedance
	9.3 mg/L (B3)	5.2 mg/L (C1A)		6.5 mg/L (B1)
	9.7 mg/L (H1) 8.1 mg/L (M1)	4.0 mg/L (C2A	X)	7.0 mg/L (B2)
	8.1 mg/L (M1)			7.8 mg/L (B4)
				5.7 mg/L (F1A)
				4.9 mg/L (CR1)
				4.8 mg/L (CR2)
Possible reason for Action or Limit Level Non-compliance	Works scheduled on site on seaside CH700 - CH720, pil pre-bored socketed H-pile, caisson extension, and Proces Dominant sea current direction around Shek Kwu Chau. Exceedances of action level v at unrelated stream direction location. Exceedances at B3,	ing works, piling pile cap constru- ss Building constru- on was found to were found at B3 (neither upstream H1 and M1 are o	g works for d uction, blocky truction works be from North 3, H1 and M1. n nor downstra deemed to be	riven pile, piling works for work seawall and existing s. west to Southeast at waters B3, H1 and M1 are located eam, far away) to the works unrelated to the Project.
	The installation of caisson No was enclosed.	o.19 was comple	eted on 18 Mar	2021, the reclamation area

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was overcast during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly site inspection on 14 February 2023.
After the investigation, the exceedances on 14 February 2023 during ebb tide at B3, H1 and M1 are deemed to be unrelated to the Project.

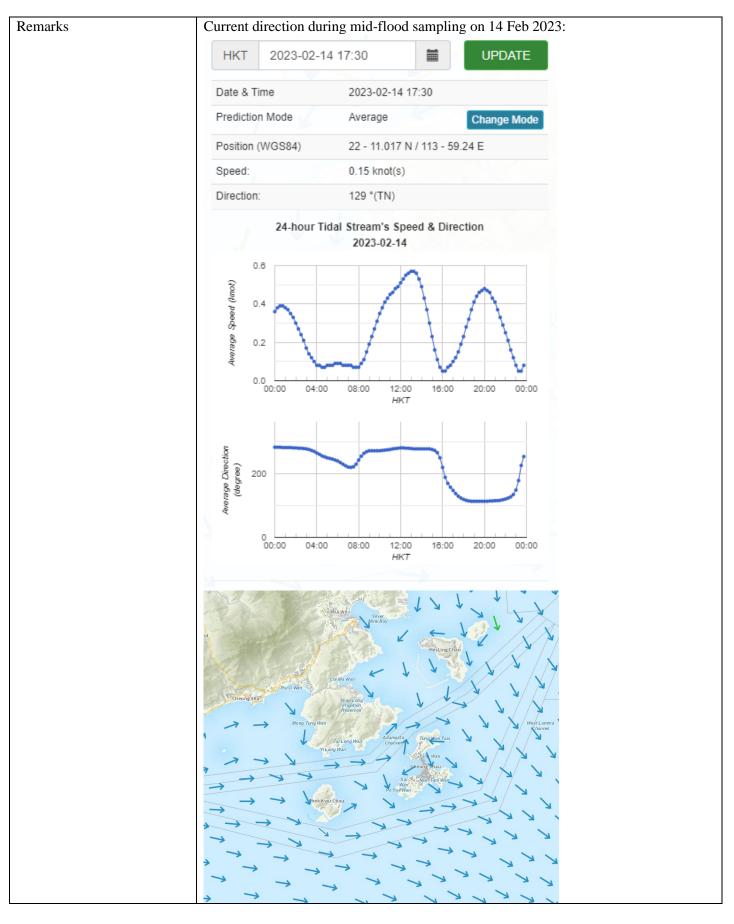




Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1



Contract No. EP/SP/66/12 Integrated Waste Management Facilities, Phase 1

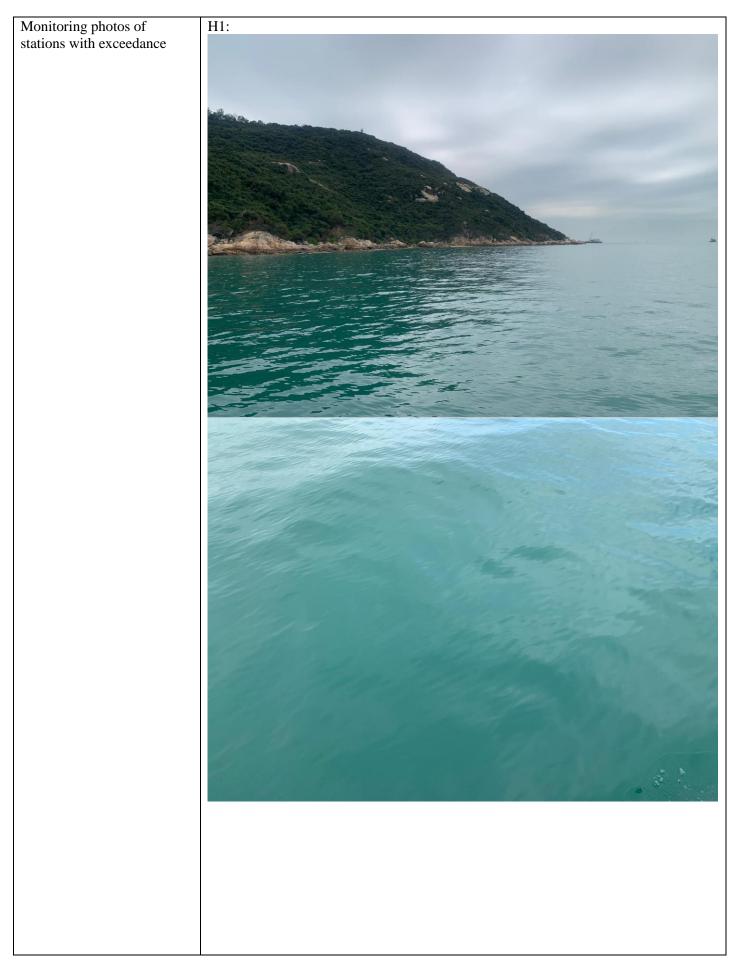


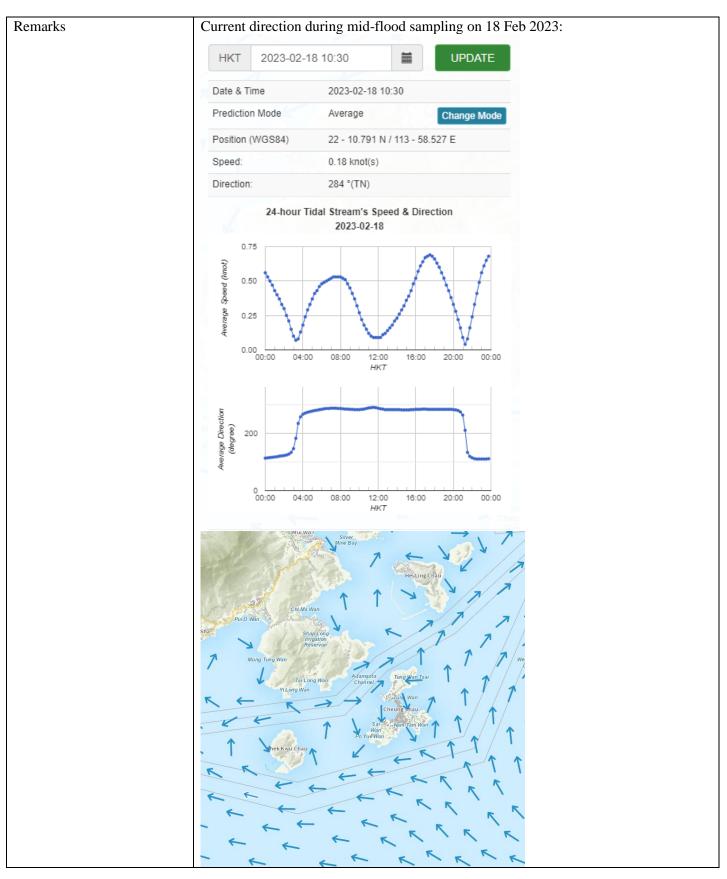
		Le	gend	
	Speed (knot)		Speed (knot)	
	0-0.5	\rightarrow	1.5-2.0	\rightarrow
	0.5-1.0	\rightarrow	2.0-2.5	\rightarrow
	1.0-1.5		2.5 and above	\rightarrow
	(Sourced from http://d	current.hy	dro.gov.hk/en/map.ht	ml)
Prepared by	Jack Chow			
Date	28 Feb 2023			

Interim Incident Report on Action Level or Limit Level Non-compliance

Project	Integrated Waste Managemen	ompliance nt Facilities, Ph	ase 1	
Date	18 Feb 2023 (Lab result recei			
Time	10:02 – 12:42 (Mid-Ebb)			
	Mid-E	bb		
Monitoring Location	H1 + B1 • S1 + • C1A	B2 PROPOSED OUTFALL + S2A 4 PROPOSED 132 SUBMARINE CABL + +	CR2 S3 CR1	FIA + + + + + + + + + + + + +
Demonstern	Common do 1 Co111 (CC)			
Parameter	Suspended Solid (SS)			
			T 1	
Action & Limit Levels	Action Level		Limit Level	
	Action Level $\geq 8.0 \text{ mg/L}$		\geq 10.0 mg/L	Import Station(a) without
Action & Limit Levels Measurement Level	Action Level ≥ 8.0 mg/L Impact Station(s) of		\geq 10.0 mg/L	Impact Station(s) without
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	\geq 10.0 mg/L	Exceedance
	Action Level ≥ 8.0 mg/L Impact Station(s) of	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2) 6.0 mg/L (B3)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2) 6.0 mg/L (B3) 7.3 mg/L (B4)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2) 6.0 mg/L (B3) 7.3 mg/L (B4) 6.5 mg/L (M1)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2) 6.0 mg/L (B3) 7.3 mg/L (B4) 6.5 mg/L (M1) 5.5 mg/L (F1A)
	Action Level ≥ 8.0 mg/L Impact Station(s) of Exceedance	Control Statio	≥ 10.0 mg/L ons A)	Exceedance 4.4 mg/L (B1) 4.1 mg/L (B2) 6.0 mg/L (B3) 7.3 mg/L (B4) 6.5 mg/L (M1)

According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was overcast during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly site inspection on 23 February 2023.
After the investigation, an exceedance on 18 February 2023 during ebb tide at H1 is deemed to be unrelated to the Project.



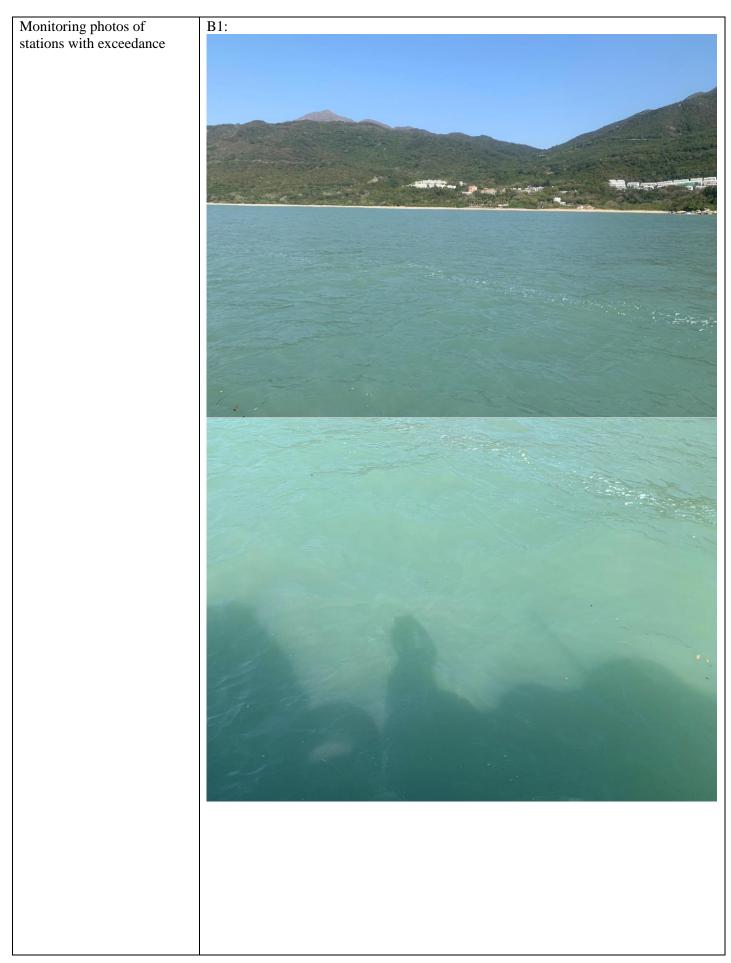


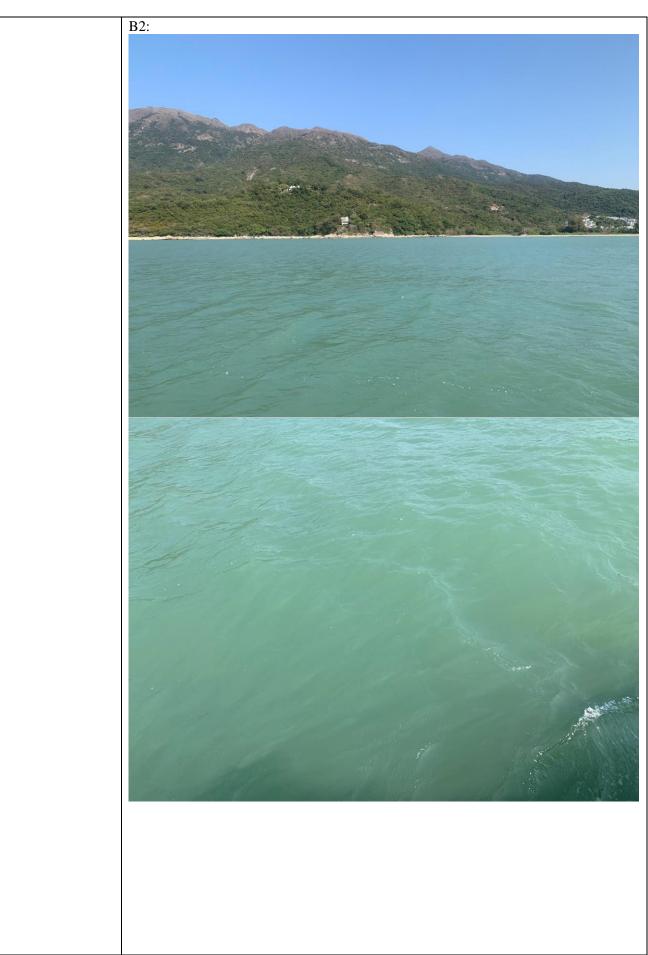
		Le	gend	
	Speed (knot)		Speed (knot)	
	0-0.5	\rightarrow	1.5-2.0	\rightarrow
	0.5-1.0	\rightarrow	2.0-2.5	\rightarrow
	1.0-1.5		2.5 and above	\rightarrow
	(Sourced from http://d	current.hy	dro.gov.hk/en/map.ht	ml)
Prepared by	Jack Chow			
Date	28 Feb 2023			

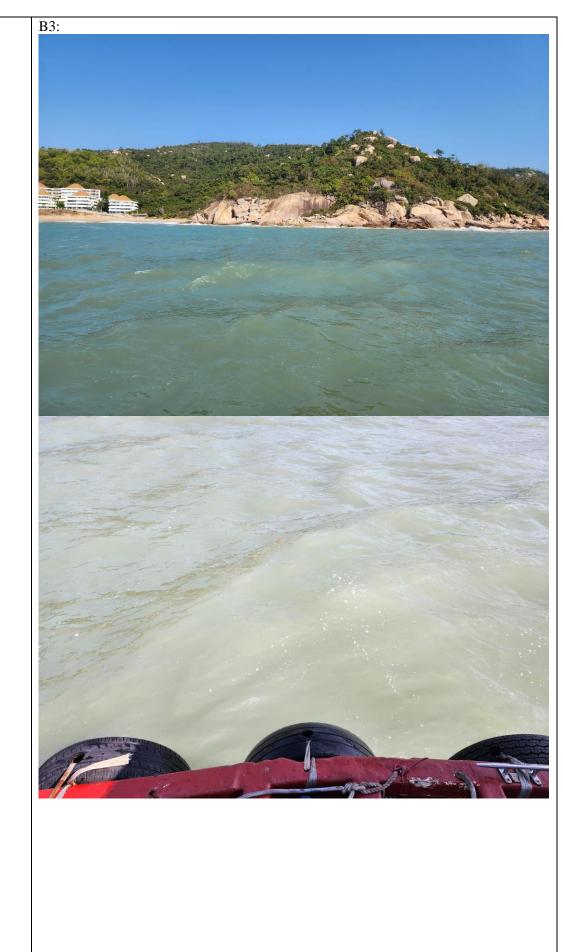
Incident Report on Action Level or Limit Level Non-compliance

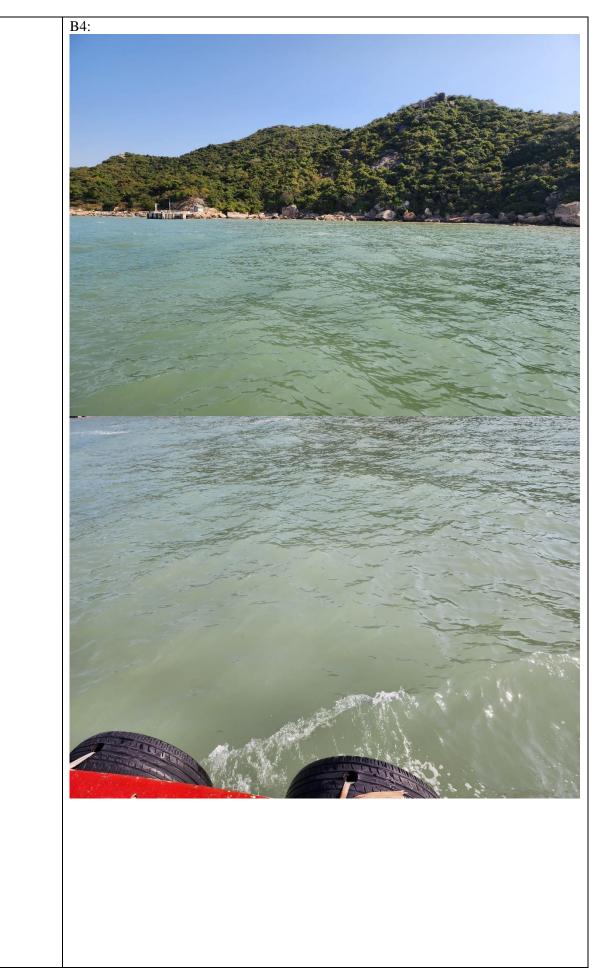
Project	Integrated Waste Managemen	nt Facilities Phase 1		
Date	22 Feb 2023 (Lab result received on 27 February 2023)			
Time	08:00 – 11:29 (Mid-Flood)			
	Mid-Flood			
Monitoring Location	B1, B2, B3, B4, H1			
	+ t C1A	PROPOSED DUTFALL +	FIA FIA PEA PEA PEA PEA PEA PEA PEA PE	
Parameter	Suspended Solid (SS)			
Action & Limit Levels	Action Level	Limit Leve	3]	
	\geq 9.4 mg/L (120% of C2A)		L (130% of C2A)	
Measurement Level	Impact Station(s) of	Control Stations	Impact Station(s) without	
	Exceedance		Exceedance	
	11.8 mg/L (B1)	10.7 mg/L (C1A)	9.3 mg/L (M1)	
	14.5 mg/L (B2)	7.8 mg/L (C2A)	8.3 mg/L (F1A)	
	10.5 mg/L (B3)	_	8.2 mg/L (CR1)	
	12.5 mg/L (B4)		7.0 mg/L (CR2)	
	11.0 mg/L (H1)		U (- /	
Possible reason for Action or Limit Level Non-compliance	 Works scheduled on site on 18 Feb 2023 include inspection works at Seawall A CH370 - CH440, piling works, piling works for driven pile, piling works for pre-bored socketed H-pile, pile cap construction, blockwork seawall and existing caisson extension, and Process Building construction works. Dominant sea current direction was found to be from Southeast to Northwest at waters around Shek Kwu Chau. Exceedances of limit level were found at B1, B2, B3, B4 and H1. B1, B2, B3, B4 and H1 are located at unrelated stream direction (neither upstream nor downstream, far away) to the works location. Exceedances at B1, B2, B3, B4 and H1 are deemed to be unrelated to the Project. The installation of caisson No.19 was completed on 18 Mar 2021, the reclamation area was enclosed. 			

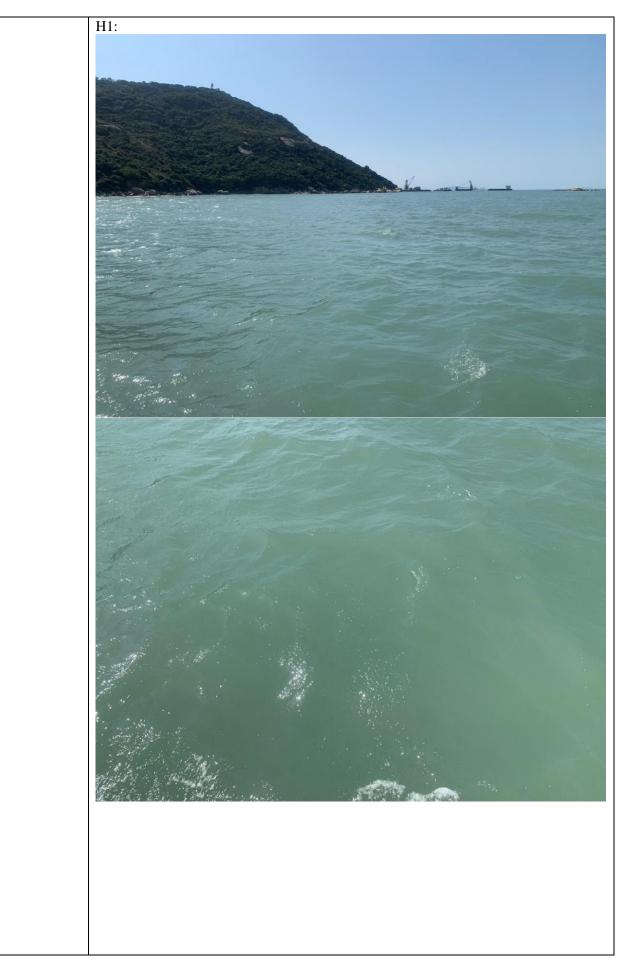
According to the field observation by sampling team during sampling event, no silt plume was observed in the Project site and the weather was fine during the sampling event.
No major observation of improper site practices that contributed to the increase of the suspended solids was recorded during the weekly site inspection on 23 February 2023.
After the investigation, the exceedances on 22 February 2023 during flood tide at B1, B2, B3, B4 and H1 are deemed to be unrelated to the Project.

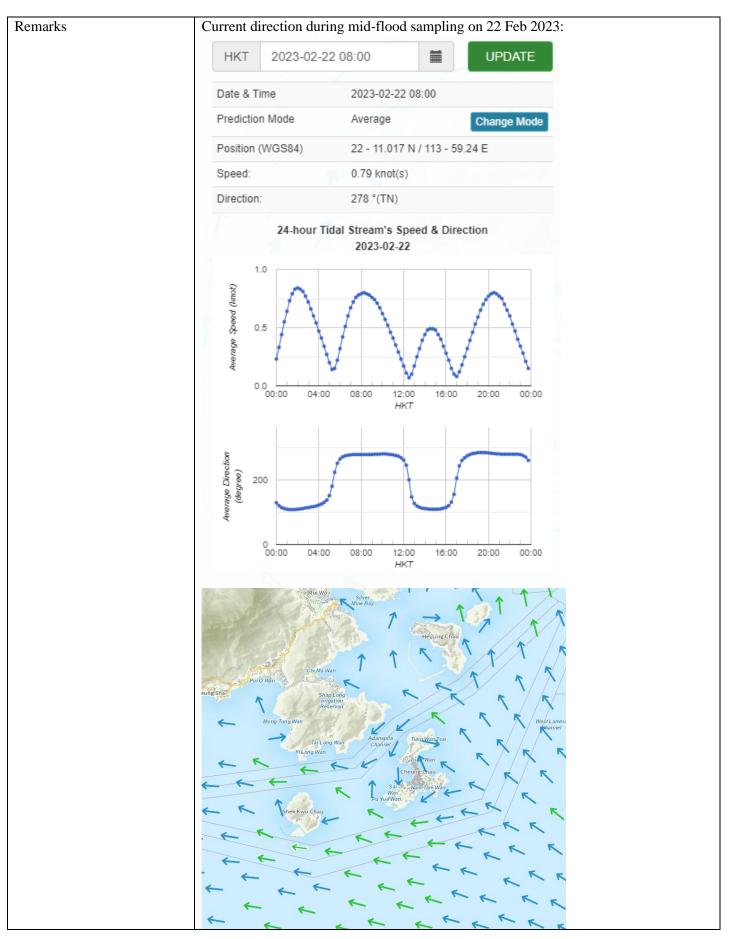












	Legend			
	Speed (knot)		Speed (knot)	
	0-0.5	\rightarrow	1.5-2.0	\rightarrow
	0.5-1.0	\rightarrow	2.0-2.5	\rightarrow
	1.0-1.5		2.5 and above	\rightarrow
	(Sourced from http://c	current.hy	dro.gov.hk/en/map.ht	ml)
Prepared by	Jack Chow			
Date	01 Mar 2023			

Appendix O Complaint Log

Integrated Waste Management Facilities, Phase 1

Statistical Summary of Environmental Complaints

Reporting	Environmental Complaint Statistics			
Period	Frequency	Cumulative	Complaint Nature	
01 Feb 2023- 28 Feb 2023	0	1	N/A	

Statistical Summary of Environmental Summons

Reporting	Environmental Summons Statistics			
Period	Frequency	Cumulative	Details	
01 Feb 2023-	0	0	N/A	
28 Feb 2023	0	U	N/A	

Statistical Summary of Environmental Prosecution

Reporting	Environmental Prosecution Statistics			
Period	Frequency	Cumulative	Details	
01 Feb 2023-	0	0	N/A	
28 Feb 2023	0	0	N/A	

Appendix P Impact Monitoring Schedule of Next Reporting Month

			Impact Monitoring Schedule for IWMF Mar-23		
	Mon	Tue	Wed	Thu	Fri
	Woll		1	2	3
			Impact Monitoring Water Quality monitoring for 81, 82, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 16:46 - 23:59		
			Flood Tide: 00:31 - 15:46 Monitoring Time: #\$&Mid-ebb: 17:07 - 19:00 *Mid-flood: 08:00 - 10:23		
	6 Impact	7 Impact	8 Impact Monitoring	9	10 Impac
	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Night time Noise monitoring for M1, M2 & M3	Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:		Water Quality monitoring for B1, B2 Tid
	Ebb Tide: 10:11 - 14:26 Flood Tide: 14:26 - 20:53 Monitoring Time: Mid-ebb: 10:33 - 14:03		Ebb Tide: 10:20 - 15:44 Flood Tide: 04:21 - 10:20 Monitoring Time: Mid-ebb: 11:17 - 14:47		Ebb Tide Flood Tid Moni Mid-ebb
	\$Mid-flood: 15:54 - 19:00 Daytime & Evening Noise monitoring for M1, M2 & M3		*#\$Mid-flood: 08:00 - 10:02		*#\$Mid-flo
2	13	14	15	16	17
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Impact Night time Noise monitoring for M1, M2 & M3	Impact Monitoring Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period:	Impact Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Impac Water Quality monitoring for B1, B2 Tid
	Ebb Tide: 12:20 - 19:27 Flood Tide: 06:14 - 12:20 Monitoring Time:		Ebb Tide: 13:46 - 23:59 Flood Tide: 00:00 - 13:46 Monitoring Time:		Ebb Tide Flood Tid Moni
	Mid-ebb: 14:08 - 17:38 *Mid-Rood: 08:00 - 11:02 Daytime & Evening Noise monitoring for M1, M2 & M3		#\$Mid-ebb: 17:07 - 19:00 *Mid-flood: 08:00 - 11:30 Ecology monitoring for WBSE		#\$Mid-eb *Mid-floc
				23	24
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 09:45 - 14:03	Impact Night time Noise monitoring for M1, M2 & M3	Impact Monitoring Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:21 - 15:40		Impac Water Quality monitoring for B1, B2 Tid Ebb Tide
	Flood Tide: 14:03 - 20:23 Monitoring Time: Mid-ebb: 10:09 - 13:39 Mid-flood: 15:28 - 18:58		Flood Tide: 15:40 - 22:10 Monitoring Time: Mid-ebb: 11:15 - 14:45 #\$&Mid-flood: 15:59 - 19:00		Flood Tid Moni Mid-ebb *#\$Mid-flo
	Daytime & Evening Noise monitoring for M1, M2 & M3				
6	27	28	29	30	31
	Impact Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 12:30 - 20:03 Flood Tide: 05:42 - 12:30 Monitoring Time: Mid-ebb: 14:31 - 18:01 *Mid-flood: 08:00 - 10:51 Daytime & Evening Noise monitoring for M1, M2 & M3	Impact Night time Noise monitoring for M1, M2 & M3 Ecology monitoring for WBSE 17th Quarterly Coral Monitoring at Indirect Impact Site and Control Site	Post Monitoring Water Quality monitoring for BJ, B2, B3, B4, HJ, CLA, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 14:01 - 23:31 Flood Tide: 0:000 - 14:01 Monitoring Time: #\$Mid-dbb: 14:29 - 17:59 #\$Mid-flood: 09:48 - 13:18	Impact Ecology monitoring for Marine Mammals by Vessel-based Line-Transect Survey	Post Water Quality monitoring for BJ, BJ Tid Ebb Tide Flood Tid Moni #S&Mid-flo *#SMid-flo

Remarks: 1. Daytime Noise Monitoring (07:00-1900), Evening Time Noise Monitoring (1900-2300), Night Time Noise Monitoring (2300-0700) 2. No maine consturction work will be conducted in Mar 2023

	Sat
	4
	Impact Monitoring Water Quality monitoring for B1, B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Ebb Tide: 10:05 - 12:45 Flood Tide: 12:45 - 19:35 Monitoring Time: #\$Mid-ebb: 10:13 - 12:37 Mid-flood: 14:24 - 17:55
	11
aact Monitoring Ba2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Tide: 11:05 - 17:02 Tide: 05:05 - 11:05 onitoring Time: ebb: 12:18 - 15:48 -flood: 08:00 - 10:47	
	18
aact Monitoring Ba, 2, 83, 84, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Tide: 16:53 - 23:59 Tide: 00:34 - 16:53 onitoring Time: 	
	25
aact Monitoring , B2, B3, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Tide: 11:04 - 17:12 Tide: 04:47 - 11:04 onitoring Time: ebb: 12:23 - 15:53 -flood: 08:00 - 10:45	
ost Monitoring	
B2, B3, B4, B4, H1, C1A, C2A, F1A, CR1, CR2, M1 Tidal Period: Tide: 16:52 - 23:59 Tide: 00:38 - 16:52 onitoring Time: Jebb: 17:13 - 19:00 -flood: 08:00 - 10:30	