

Contract No. CM 04/2024 – Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Annual Environmental Monitoring, and Audit
Report for:

February 2025 to January 2026

Revision 5

Certified By:

A handwritten signature in black ink that reads "Josephine".

Lau Hoi Wai, Josephine
Environmental Team Leader
Report Date: 23 June 2026



Drainage Services Department
The Government of the Hong Kong Special Administrative Region

Our Ref: 7076811/L33449/AC/KL/TK/KCL/lt

23 June 2026

Drainage Services Department
Sewage Services Branch
Consultants Management Division Group 4
18/F, Drainage Services Tower
8 Ying Wa Street
Cheung Sha Wan, Kowloon

By Email and Post
(kkchan06@dss.gov.hk)

Attn: Mr. CHAN Ka Keung

Dear Sir

Contract No. SD 7/2020
Independent Environmental Checker ("IEC") for Environmental Monitoring Work for
South Lantau Sewerage Works
Verification of Annual EM&A Review Report (February 2025 – January 2026)

With reference to the Annual EM&A Review Report (February 2025 – January 2026) Revision 5 dated and certified by the ET Leader on 23 June 2026, please note that we have no adverse comments on the captioned and we hereby verify the captioned in accordance with Section 12.4 of the EM&A Manual (AEIAR-203/2016).

Should you have questions please do not hesitate to contact the undersigned at tel. 3995-8140 or by email to kitty.lee@smec.com; or our Mr Tommy KONG on tel. 3995-8123 or by email to tommy.kong@smec.com.

Yours faithfully



Kitty LEE
Independent Environmental Checker

cc	Binnies	- Mr. Kevin CHAN	by email
	Umwelt	- Mr. Ivan TING/ Ms. Josephine LAU	by email
	KLCW-JV	- Mr. Daniel Chu	by email

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Executive Summary

This Annual Environmental Monitoring and Audit (“EM&A”) Report summarises project monitoring, and auditing data, with full interpretation illustrating the acceptability or otherwise of any environmental impacts, and identification or assessment of the implementation status of agreed mitigation measures, including monitoring results, and findings of the EM&A Programme, along with findings recorded during the site Inspections, and audits, reports of Complaints, Notifications of Summons, and Successful Prosecutions, and other necessary observations obtained within this reporting period from 1 February 2025 to 31 January 2026.

Key Construction Works in the Reporting Period

San Shek Wan Sewage Treatment Works (“SSWSTW”)

- Superstructure Reinforced Concrete (“RC”) works
- Waterproofing Work
- Excavation and Site formation
- Retaining wall construction
- Dredging and diffuser construction
- Backfilling Work
- Electrical and Mechanical (“E&M”) Installation
- Slope Work along the Slope near SSWSTW

Pui O Sewage Pumping Station (“POSPS”)

- Excavation, sewer laying, construction of manhole
- Excavation and Excavation and Lateral Support (“ELS”) work
- E&M Installation
- Architectural Builders Works and Finishes Work (“ABWF”)

Lo Uk Tsuen, Pui O

- Excavation, sewer laying, construction of manhole

South Lantau Road

- Excavation, sewer laying, construction of manhole

Chi Ma Wan Road

- Excavation, sewer laying, construction of manhole
- Trenchless drilling works

Environmental Monitoring, and Audit Progress

The EM&A Programme is implemented in accordance with the EM&A Manual under the EIA Report. A summary of the monitoring activities during this reporting period as below:

Monitoring Date/ Monitoring Activity	Noise	Water Quality	Nursery visit for transplanted trees	Site Inspection
February 2025	7, 15, 19-20 and 25	1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25 and 27	24	5, 12, 17, 24
March 2025	3-4, 15, 17, 21-22 and 27-28	1, 4, 6, 8, 11, 13, 15, 18, 20, 22, 25, 27, and 29	24	3, 10, 17, 24, and 31
April 2025	2-3, 8-9, 15-16, 22, and 28	1, 3, 5, 8, 10, 12, 15, 17, 22, 24, 26, and 29	23	7, 14, 23, and 28
May 2025	10, 16, 22 and 28	3, 6, 8, 10, 13, 15, 17, 20, 22, 24, 27 and 29	27	7, 12, 19 and 27
June 2025	3, 9, 20, 26 and 30	N/A	30	2, 9, 16, 23 and 30
July 2025	11, 18-19, 24 and 30	N/A	28	7, 14, 21 and 28

Monitoring Date/ Monitoring Activity	Noise	Water Quality	Nursery visit for transplanted trees	Site Inspection
August 2025	7-8, 11, 22 and 28	N/A	27	4, 11, 18 and 27
September 2025	3-4, 9-10, 15-16 and 25-26	N/A	22	1, 9, 15, 22 and 30
October 2025	6, 9-10, 14-15, 23 and 31	N/A	20	6, 13, 20 and 27
November 2025	7, 12, 18-20 and 25	N/A	24	3, 10, 17 and 24
December 2025	1, 11-12, 18, 23-24 and 30	N/A	15	1, 8, 15, 23 and 30
January 2026	5, 16, 22-23 and 28	N/A	12 and 19	8, 12, 19 and 26

Breaches of Action, and Limit Levels

Noise Monitoring

Noise Monitoring has been conducted at 8 of the designated monitoring locations (N12a, N12b, N13, N14, N15b, N16a, N16b, and N17) where construction works has been conducted nearby during the reporting month. Noise limit level exceedance of 75 dB(A) was recorded at N12a on 24 December 2025. Site observation recorded a breaker operating at a roadside works site on South Lantau Road during monitoring. Also, local traffic noise, that comprises of heavy vehicles including trucks and buses, was observed to be high. As such, the exceedance would be due to combination of construction works and traffic flow. Hence, it is considered that the exceedance maybe project-related.

Repeat monitoring was conducted on 30 December 2025 due to no construction works during the public holidays on 25–26 December. Corrected noise level of 72dB(A) at N12a was recorded. Site investigation conducted on 30 December 2025 observed that no beaker was in operation at the work site. Corresponding remedial actions, including reminding the Contractor to maintain vigilance over construction noise and implemented proper construction noise mitigation measures according to EM&A Manual and Construction Noise Mitigation Plan. And formalizing the mandatory erection of noise barriers for future concrete breaking activities to prevent the recurrence of similar incidents. The Investigation report was submitted to EPD by 30 January 2026

Water Quality Monitoring

Action level exceedance was record for dissolved oxygen on 17 to 29 May 2025. Investigations were conducted and site investigation was conducted on 30 May 2025.

Marine works were completed on 24 May 2025. The silt curtain was removed and cutting of casing on the same day in accordance with the site curation deployment plan. No other marine works were conducted in May 2025.

As the exceedances would be due to natural fluctuation, and the marine works have been completed. Hence, the water quality monitoring was not extended in spite of the exceedance recorded on 29 May 2025.

Subsequent to the completion of marine work on 24 May 2025, water quality monitoring was considered completed by 30 May 2025. No water quality monitoring is conducted in this reporting period. Should marine works resume, water quality monitoring will be conducted in accordance with the requirement stipulated in the EM&A Manual accordingly.

A summary of environmental exceedances for this reporting period is as follows:

Environmental Monitoring	Parameters	Action Level	Limit Level
Noise	L_{eq} (30 min)	0	1
Water Quality	Suspended solids level ("SS")	0	0
	Turbidity level	0	0
	Dissolved oxygen level ("DO")	24	0

Ecological Impact Monitoring

Transplanting of the trees of *Aquilaris sinensis* was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.

4 trees found (1 no. of *Aquilaria sinensis*, and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to POSPS.

The weekly site audit was carried out by ET include checking whether good site practices are being properly implemented by the Contractor.

The extent of the work site boundaries was checked by the ET during the weekly site audit.

Complaints, Notification of Summons and Prosecution

On 16 September 2025, the received complaint was related to a reported oil sheen observed in the wetland area near Pui O Wetland, Lantau Island. On 25 September 2025, additional information from EPD was received that oil signs spotted in the Pui O. Subsequent investigations have been conducted.

An unannounced inspection conducted by ET on 17 September 2025, joint site investigation conducted by ET and the Contractor on 18 September 2025, and a joint site investigation conducted by ET, EPD, and the Contractor on 25 September 2025, and the subsequent site inspection conducted with ET, and Contractor on the same day.

Preliminary findings showed that the diesel drum stored within the Project Sites were stored properly with no leakage or spillage. No oil signs within the project sites were found during the inspections conducted throughout the period of complaint investigation. Also, locations of the identified oil sheen are not within proximity of the Project Site.

The Final Investigation Report was submitted to EPD on 17 October 2025. Given that there is no evidence of oil leakage within our project site, it is considered that the oil pollution was not caused by our site operations. As such, the case is considered closed.

No notification of summons and successful prosecution regarding construction works were recorded in the reporting period.

Reporting Changes

Upon conclusion of Contract No: SD 15/2022 Outlying Island Sewerage Stage 2 – South Lantau Sewage Works – Environmental Team Services (2023 – 2024), the subsequent contract, Contract No. CM 04/2024 Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025-2027), has been awarded to Umwelt Consulting Limited (“UCL”) starting 1 February 2025. As such the environmental team leader (“ETL”) appointed for the Project has been updated to Mr. Ting Po Chung, Ivan since 1 February 2025. His contact details has been updated in **Table 2.1**.

1. Introduction

1.1 Project Background

- 1.1.1 The Environmental Protection Department (“EPD”) completed the Outlying Islands Sewerage Master Plan (“SMP”) Study in 1994 and drew up a SMP for Lantau Island and other outlying islands. The proposed sewerage works of the SMP were divided into 2 stages. The Stage 2 Works of the SMP were subsequently reviewed by EPD under the Outlying Islands Sewerage Master Plan Stage 2 Review (SMP Review Study) in 2001.
- 1.1.2 The proposed sewerage works for South Lantau were further reviewed in 2008 under the Review of Sewerage Scheme for South Lantau (Review Study). According to the Review Study, the proposed sewerage works for South Lantau would serve the unsewered areas of Shui Hau, Tong Fuk, Cheung Sha, San Shek Wan, Pui O and Ham Tin.
- 1.1.3 The Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works, herein referred to as “the Project”, referred to the sewerage works for South Lantau that would serve the unsewered areas of Shui Hau, Tong Fuk, Cheung Sha, San Shek Wan, Pui O and Ham Tin.
- 1.1.4 The Project mainly comprises of the following items:
- a) Construction of a secondary sewage treatment works (“STW”) at San Shek Wan in South Lantau;
 - b) Construction of sewage pumping station (“SPS”) at Pui O, San Shek Wan, Cheung Sha, Cheung Fu Street, Shui Hau and Tong Fuk;
 - c) Construction of about 1.4km of twin submarine outfalls with a diameter of 350mm for the disposal of treated effluent from the STW at San Shek Wan;
 - d) Construction of about 10.1km of gravity sewers with diameters ranging from 150mm to 375mm along South Lantau Road and Chi Ma Wan Road and at Pui O; and
 - e) Construction of about 3.1km of twin rising mains with a diameter of 200mm to 250mm along South Lantau Road and Chi Ma Wan Road.

1.2 Environmental Monitoring & Audit Programme

- 1.2.1 An Environmental Impact Assessment (“EIA”) was subsequently prepared to review the potential environmental impact that would be due to the Project during its construction works and operational works. The EIA Report was submitted and approved on 24 April 2017, and Environmental Permit (“EP”) No. EP-538/2017 was subsequently granted on 13 July 2017.
- 1.2.2 The EM&A Programme is therefore implemented in accordance with the EM&A Manual under the EIA Report.
- 1.2.3 Umwelt Consulting Limited (“UCL”) has been appointed to work as the Environmental Team (“ET”) under EP No. EP-538/2017 to implement the EM&A programme as stipulated in the EM&A Manual of the approved EIA Report for the Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works (Register No.: AEIAR-210/2017).

1.3 Annual Environmental Monitoring & Audit Report

- 1.3.1 This Annual EM&A Report summarises project monitoring and auditing data, with full interpretation illustrating the acceptability or otherwise of any environmental impacts and identification or assessment of the implementation status of agreed mitigation measures, including monitoring results and findings of the EM&A Programme, along with findings recorded during the site Inspections and audits, reports of Complaints, Notifications of Summons and Successful Prosecutions, and other necessary observations obtained within this reporting period from February 2025 to January 2026.

2. Basic project Information and Environmental Status

2.1 Basic Project Information

2.1.1 Drainage Services Department (“DSD”) is the project proponent and the permit holder of the Project. For the construction phase of the Project, Contractor(s), ET and Independent Environmental Checker (“IEC”) are appointed to manage and control environmental issues. Key personnel and contact particulars are summarized in **Table 2.1**.

2.1.2 Upon conclusion of Contract No: SD 15/2022 Outlying Island Sewerage Stage 2 – South Lantau Sewage Works – Environmental Team Services (2023 – 2024), the subsequent contract, Contract No. CM 04/2024 Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025-2027), has been awarded to Umwelt Consulting Limited (“UCL”) starting 1 February 2025. As such the environmental team leader (“ETL”) appointed for the Project has been updated to Mr. Ting Po Chung, Ivan since 1 February 2025. His contact details has been updated in **Figure 2.1** and Error! Reference source not found..

Table 2.1 Contact Details of Key Personnel

Party	Role	Post	Name	Contact No.	Contact Fax
Drainage Services Department	The Engineer for the Contract	Engineer	Mr. KK Chan	2594 7297	3104 6426
Binnies Hong Kong Limited	Engineer's Representative	Resident Engineer	Mr. Kevin Chan	3529 3003	-
Kwan Lee – Chun Wo Joint Venture	Contractor	Sub Agent	Mr. Daniel Chu	6737 6701	2744 6937
		Environmental Supervisor	Ms. Joey Pang	6978 2876	
		Environmental Supervisor	Mr. Philip Wong	6908 8920	
SMEC Hong Kong	IEC	IEC	Ms. Kitty Lee	3995 8140	3422 3631
Umwelt Consulting Limited	ET	ET Leader	Mr. Ivan Ting	3756 9590	3582 3310

2.2 Construction Programme

2.2.1 The proposed sewerage works will collect the sewage generated from the unsewered areas of Shui Hau, Tong Fuk, Cheung Sha, San Shek Wan, Pui O and Ham Tin in South Lantau (i.e. within the Project Catchment Area) and convey it to a proposed sewage treatment works at San Shek Wan for treatment and disposal into outer bay of Pui O / Chi Ma Wan via a submarine outfall.

2.2.2 The Project was divided into 3 contracts. The current contract, Contract No. DC/2020/02 - Construction of San Shek Wan Sewage Treatment Works, Associated Submarine Outfall and Pui O Sewerage Works (“the Contract”) would have the following implementations. The works site of the Contract is also given in **Figure 2.2**.

2.2.3 The major components of the Contract under Environmental Permit (“EP”) (EP No. EP-538/2017) comprises:

- Construction of a secondary sewage treatment works (“STW”) at San Shek Wan in South Lantau;
- Construction of a sewage pumping station (“SPS”) at Pui O, San Shek Wan, Cheung Sha and Cheung Fu Street;
- Construction of about 1.4km of submarine outfall with a diameter of 350mm for the disposal of treated effluent from the STW at San Shek Wan;
- Construction of about 10.1km of gravity sewers with diameters ranging from 150mm to 375mm along South Lantau Road and Chi Ma Wan road and at Pui O; and
- Construction of about 3.1km twin rising mains with a diameter of 200mm to 250mm along South Lantau Road and Chi Ma Wan Road.

2.3 Summary of Environmental Submissions

- 2.3.1 A summary of the current status on submissions and measures mentioned in Environmental Permit (EP-538/2017) are shown in **Table 2.2**.

Table 2.2 Summary of submission status under EP-538/2017

EP Condition	Submission and Revision No.	Date of Latest Submission
2.10	Waste Management Plan (Rev. 5) (electronic copy)	4 April 2022#
2.11	Preservation and/or Transplantation Plan for Plant Species of Conservation Importance (Rev. 23)	9 September 2022#
2.12	Compensatory Woodland Planting Plan (Rev. 23)	15 May 2023^
2.13	Silt Curtain Deployment Plan (Rev. 11)	1 June 2022#
2.14	Landscape Mitigation Plan	To be confirmed
2.15	Construction Noise Mitigation Plan (Rev. 20)	4 August 2022#

Note:

^ Submission was made to EPD

Approval from EPD was received

2.4 Environmental Monitoring Requirements and Contractual Requirements

- 2.4.1 A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in **Table 2.3**.

Table 2.3 Summary of the Current Status on Licenses and/or Permits on Environmental Protection Pertinent to the Project

Permits and/or Licences	Permit. No. / Account No.	Issued Date	Valid Period & Expiry Date	Status
Notification of Works Under APCO	466408	14 Apr 2021	N/A	Valid
Wastewater Discharge Licence under Water Pollution Control Ordinance	SSWSTW: WT00039636-2021	30 Dec 2021	30 Dec 2021 to 31 Dec 2026	Valid
	POPS: WT00039820-2021	31 Dec 2021	31 Dec 2021 to 31 Dec 2026	Valid
	SSWSTW: Gravity Sewer & Raising Main: WT00042613-2022	09 Jan 2023	09 Jan 2023 to 31 Jan 2028	Valid

Permits and/or Licences	Permit. No. / Account No.	Issued Date	Valid Period & Expiry Date	Status
Billing account under Waste Disposal Ordinance	Account No.: 7040411	05 May 2021	N/A	Valid
Registration as a Chemical Waste Producer	0000-931-K3428-01	13 May 2021	N/A	Valid
Construction Noise Permit under Noise Control Ordinance for SSWSTW	GW-RS0658-24	17 July 2024	9 Aug 2024 to 8 Feb 2025	Expired on 9 Feb 2025
	GW-RS0084-25	28 Jan 2025	9 Feb 2025 to 8 Aug 2025	Expired on 9 Aug 2025
	GW-RS0836-25	13 Aug 2025	15 Aug 2025 to 12 Feb 2026	Valid
	GW-RS0836-25	13 Aug 2025	15 Aug 2025 to 12 Feb 2026	Valid
Construction Noise Permit under Noise Control Ordinance for POSPS	GW-RS0856-24	17 Sep 2024	27 Sep 2024 to 26 Mar 2025	Expired on 27 Mar 2025
	GW-RS0310-25	26 Mar 2025	28 Mar 2025 to 26 Sep 2025	Expired on 27 Sep 2025
	GW-RS0993-25	18 Sep 2025	27 Sep 2025 to 26 Mar 2026	Valid
Marine Dumping Permit (Dredged Sediment Requiring Type 1 – Open Sea Disposal)	EP/MD/25-024	19 Nov 2024	19 Nov 2024 to 18 May 2025	Expired on 19 May 2025
Construction Noise Permit under Noise Control Ordinance for Chi Ma Wan Road	GW-RS0834-25	13 Aug 2025	15 Aug 2025 to 12 Feb 2026	Valid

2.5 Works undertaken during the Reporting Period

2.5.1 In the reporting period, the principal work activities conducted are as follow:

San Shek Wan Sewage Treatment Works (“SSWSTW”)

- Superstructure Reinforced Concrete (“RC”) works
- Waterproofing Work
- Excavation and Site formation
- Retaining wall construction

- e) Dredging and diffuser construction
- f) Backfilling Work
- g) Electrical and Mechanical (“E&M”) Installation
- h) Slope Work along the Slope near SSWSTW

Pui O Sewage Pumping Station (“POSPS”)

- a) Excavation, sewer laying, construction of manhole
- b) Excavation and Excavation and Lateral Support (“ELS”) work
- c) E&M Installation
- d) Architectural Builders Works and Finishes Work (“ABWF”)
- e) Architectural Builders Works and Finishes Work (“ABWF”)

Lo Uk Tsuen, Pui O

- a) Excavation, sewer laying, construction of manhole

South Lantau Road

- a) Excavation, Sewer Laying, and Construction of Manhole

Chi Ma Wan Road

- a) Excavation, Sewer Laying, and Construction of Manhole
- b) Trenchless drilling works

3. Environmental Monitoring and Audit (“EM&A”) Requirement

3.1 Summary of Monitoring Parameters

- 3.1.1 The EM&A programme requires environmental monitoring, noise monitoring, water quality monitoring, and ecology as specified in the approved EM&A Manual.
- 3.1.2 A summary of Impact EM&A requirements is presented in **Table 3.1**. The locations of noise monitoring stations, and water quality monitoring stations are shown in **Figure 3.1** and **Figure 3.2** respectively.

Table 3.1: Summary of Impact EM&A Requirements

Environmental Monitoring Aspects	Parameters and Unit	Monitoring Station	Frequencies	Remarks
Noise	L_{eq} (30mins), L_{10} (30mins) and L_{90} (30mins)	N12a, N12b, N13, N14, N15b, N16a, N16b, and N17	At least once per week	Daytime on normal weekdays (0700-1900 hrs).
Water Quality	Dissolved Oxygen, mg/L Temperature, °C Salinity, 0/00 Turbidity, NTU Suspended Solids, mg/L pH	CE, CF, SR4, SR5, SR6, SR9, SR10, SR12, and SR15	Three times per week during mid-ebb, and mid-flood tides	Samples are collected at 3 depths (1 m below water, mid-depth, and 1 m above seabed) shall be collected. Where the water depth is less than 6 m, in which case the mid-depth station may be omitted. Should the water depth be less than 3 m, only the mid-depth station will be monitored

3.2 Environmental quality performance limits (Action and Limit levels); and Results Summary

Noise Monitoring

- 3.2.1 A-weighted equivalent continuous sound pressure level (“ L_{eq} ”) over a period of 30 minutes L_{eq} (30min) shall be used as the monitoring parameter for construction noise monitoring. Supplementary information for data auditing, statistical results such as L_{10} , and L_{90} should also be recorded for reference.
- 3.2.2 For impact monitoring of construction works, noise monitoring should be undertaken on weekly basis. Six consecutive L_{eq} (5min) between 07:00-19:00 hours on normal weekdays is taken in this EM&A Programme.
- 3.2.3 The Action and Limit Levels for noise monitoring are given as in **Table 3.2**.

Table 3.2 Action and Limit Levels for Noise Monitoring

Monitoring Station ID	Monitoring Location	Action Level	Limit Level
N12a	Lo Uk Tsuen	When one documented complaint is received from any one of the noise sensitive receivers	75 dB(A)
N12b	Lo Uk Tsuen		75 dB(A)
N13	Pui O San Wai Tsuen		75 dB(A)
N14	South Lantau Community Centre		75 dB(A)
N15b	Pui O Lo Wai Tsuen		75 dB(A)
N16a	Residences at Ham Tin		75 dB(A)
N16b	Residences at Ham Tin		75 dB(A)
N17	Bui O Public School		70 dB(A) / 65 dB(A) ¹

Note:

1. The Limit Level for N17 is 70 dB(A) for being an educational institution. The Limit Level is reduced to 65 dB(A) during school examination period.

- 3.2.4 In the reporting period, total 424 of impact noise monitoring at proposed locations were carried out by Environmental Team (ET). Detailed noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 3.1**. The number of noise monitoring carried out in each month during the reporting period are shown in **Table 3.3**.

Table 3.3 The number of noise monitoring carried out in each month during the report period (February 2025 to January 2026)

Reporting Month	No. of Noise Monitoring
February 2025	32
March 2025	32
April 2025	40
May 2025	32
June 2025	40
July 2025	32
August 2025	32
September 2025	32
October 2025	40
November 2025	32
December 2025	40
January 2026	40

- 3.2.5 Apart from the exceedance on 24 December 2025 described below, all noise monitoring results complied with the relevant limit level.
- 3.2.6 Noise limit level exceedance of 75 dB(A) was recorded at N12a on 24 December 2025. Site observation recorded a breaker operating at a roadside works site on South Lantau Road during monitoring. Also, local traffic noise, that comprises of heavy vehicles including trucks and buses, was observed to be high. As such, the exceedance would be due to combination of construction works and traffic flow. Hence, it is considered that the exceedance maybe project-related.

- 3.2.7 Repeat monitoring was conducted on 30 December 2025 due to no construction works during the public holidays on 25–26 December. Corrected noise level of 72dB(A) at N12a was recorded. Site investigation conducted on 30 December 2025 observed that no beaker was in operation at the work site. Corresponding remedial actions, including reminding the Contractor to maintain vigilance over construction noise and implemented proper construction noise mitigation measures according to EM&A Manual and Construction Noise Mitigation Plan. And formalizing the mandatory erection of noise barriers for future concrete breaking activities to prevent the recurrence of similar incidents. The Investigation report is given in **Appendix 3.2**.

Water Quality Monitoring

- 3.2.8 In construction phase, the levels of dissolved oxygen (“DO”), temperature, turbidity, and salinity should be measured in-situ while suspended solids (“SS”) is determined by laboratory analysis.
- 3.2.9 The Action and Limit Levels for water quality monitoring are given as in **Table 3.4**.

Table 3.4 Action and Limit Levels Level for Water Quality Monitoring

Parameters	Action Level	Limit Level
DO in mg/L ¹	Surface, and Middle Level: 5.8 mg/L Bottom: 5.9 mg/L	Surface, and Middle Level: 4 mg/L, Bottom: 2 mg/L
Turbidity in NTU (Depth-averaged ²) ³	14.4 NTU <u>and</u> 20% exceedance of value at any impact station compared with corresponding data from control station ⁴	23.5 NTU <u>and</u> 30% exceedance of value at any impact station compared with corresponding data from control station ⁴
SS in mg/L (Depth-averaged ²) ³	13.1 mg/L <u>and</u> 20% exceedance of value at any impact station compared with corresponding data from control station ⁴	30.4 mg/L <u>and</u> 30% exceedance of value at any impact station compared with corresponding data from control station ⁴

Notes (with proposed amendments in AL/LL in underlined text):

For DO, non-compliance of the water quality limits occurs when monitoring result is lower than the limits.

“Depth-averaged” is calculated by taking the arithmetic means of reading of all 3 depths

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

Action Level, and Limit Level with 95%-ile / 99%-ile derived from baseline data “and” 20% / 30% exceedance of control station proposed in Baseline Monitoring Report.

- 3.2.10 In the reporting period, total 441 of water quality monitoring for ebb tide and 441 of water quality monitoring for flood tide at proposed locations were carried out by The ET details of marine water quality monitoring results and graphical presentation can be referred in **Appendix 3.3**.

Table 3.5 The number of water quality monitoring carried out in each month during the report period (February 2025 to January 2026)

Reporting Month	No. of Water Quality Monitoring		
	Ebb	Flood	Total
February 2025	108	108	216
March 2025	117	117	234

Reporting Month	No. of Water Quality Monitoring		
	Ebb	Flood	Total
April 2025	108	108	216
May 2025	108	108	216
June 2025 to January 2026	N/A	N/A	N/A
Total	441	441	882

- 3.2.11 Subsequent to the completion of marine work on 24 May 2025, water quality monitoring was considered completed by 30 May 2025. No water quality monitoring is conducted in June 2025 to January 2026.
- 3.2.12 Should marine work resume, water quality monitoring will be conducted in accordance with the requirement stipulated in the EM&A Manual accordingly.
- 3.2.13 In accordance with the action level and limit level in Baseline Monitoring Report Rev. 9.2 agreed by EPD on 2 September 2022, action level exceedances were recorded for dissolved oxygen on 17 to 29 May 2025. Investigations have been conducted accordingly and concluded the exceedances were not project related. The detailed results and graphical plot for water quality monitoring are given in **Appendix 3.3**.

Table 3.6 The number of water quality exceedances in each month during the report period (February 2025 to January 2026)

Station		Param eter	DO (S&M)		DO (Bottom)		Turbidity		SS		Exceedance count	
	Level exceeded		Mid Eb b	Mid Floo d	Mid Eb b	Mid Floo d	Mid Eb b	Mid Floo d	Mid Eb b	Mid Floo d	Mid Ebb	Mid Floo d
February 2025	Derived criteria in Baseline Monitoring Report Rev. 9.2 were agreed by EPD on 2 September 2022	Action	0	0	0	0	0	0	0	0	0	0
		Limit	0	0	0	0	0	0	0	0	0	0
March 2025		Action	0	0	0	0	0	0	0	0	0	0
		Limit	0	0	0	0	0	0	0	0	0	0
April 2025		Action	0	0	0	0	0	0	0	0	0	0
		Limit	0	0	0	0	0	0	0	0	0	0
May 2025		Action	1	2	10	12	0	0	0	0	0	0
		Limit	0	0	0	0	0	0	0	0	0	0

- 3.2.14 The marine construction works were completed in May 2025, with the silt curtain removed on 24 May 2025 in accordance with the approved Silt Curtain Deployment Plan.
- 3.2.15 Action level exceedances were recorded for dissolved oxygen on 17 to 29 May 2025. Investigations have been conducted accordingly and concluded the exceedances were not project related.
- 3.2.16 From 17 to 22 May 2025, no marine works were carried out, and the sampling team did not observe any abnormalities during water quality monitoring, so this DO exceedance is determined to be caused by natural fluctuations and unrelated to the project.

- 3.2.17 On 24 May 2025, marine works including removal of the silt curtain and cutting of the casing were conducted; however, such works would not introduce pollutants affecting DO, and the sampling team found no abnormalities in water quality monitoring, thus this DO exceedance is also judged to result from natural fluctuations and have no connection with the project.
- 3.2.18 No marine works were performed on 27 and 29 May 2025, and the sampling team did not detect any abnormalities during water quality monitoring, leading to the conclusion that this DO exceedance is attributed to natural fluctuations and not related to the project.
- 3.2.19 A site investigation was conducted on 30 May 2025, during which seawater abnormalities were found, suspected to be an algae bloom. In summary, this DO exceedance is also determined to be caused by natural fluctuations and unrelated to the project.

Ecological Impact Monitoring

- 3.2.20 Monitoring in the form of regular site inspections should be carried out to ensure ecological measures in the form of tree transplantation, and establishment are being implemented, and effective for plant species of conservation importance (e.g. *Aquilaria sinensis*).
- 3.2.21 Transplanting works for plant species, *Aquilaris sinensis*, was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 3.2.22 Monitoring of maintenance works for the transplanted plant species was conducted at the holding nursery while in the reporting period.
- 3.2.23 As per latest version of PTP, four trees found (1 no. of *Aquilaria sinensis*, and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to POSPS.
- 3.2.24 Within this reporting period, holding nursery visit for transplanted trees on 24 February, 24 March, 23 April, 27 May, 30 June, 28 July, 27 August, 22 September, 20 October, 24 November, 15 December 2025, 12 and 19 January 2026.
- 3.2.25 One non-compliance(exceedance) was record. Results and findings of these inspections in this reporting period are listed below in **Table 3.7**.

Table 3.7 Summary of Ecological Impact Monitoring

Inspection Date	Reminder and Recommendations	Close-out Date / Status
24 February 2025	Nil	--
24 March 2025	Nil	--
23 April 2025	The contractor is reminded to properly install the tree label.	Contractor has rectified the reminders on 7 May 2025
27 May 2025	The contractor is reminded to clear the weeds.	Contractor has rectified the reminders on 2 June 2025.

Inspection Date	Reminder and Recommendations	Close-out Date / Status
30 June 2025	The contractor is reminded to properly install the tree tag.	Contractor has rectified the reminders on 15 July 2025
28 July 2025	The contractor is reminded to replace faded tree tag.	Contractor has rectified the reminders on 13 August 2025.
27 August 2025	Nil	--
22 September 2025	Nil.	--
20 October 2025	Nil.	--
24 November 2025	Nil	--
15 December 2025	Nil.	--
12 January 2026	Nil.	--
19 January 2026	Nil.	--

Waste Management

- 3.2.26 The quantities of waste for disposal in present period are summarized in **Table 3.8** and Waste Material in the reporting period is given in **Appendix 3.5**.

**Table 3.8 Summary of Quantities of Waste Material in the Reporting Period
(February 2025 to January 2026)**

Waste Type	Quantity for Reporting Period	Cumulative Quantity-to-Day
Hard Rock and Large Broken Concrete (Inert), in '000m ³	0	0
Reused in this Contract (Inert), in '000m ³	0	0
Reused in other Projects (Inert), in '000m ³	0	0
Disposal as Public Fill (Inert), in '000m ³	4.35	31.398
Metals (in '000kg)	118.179	115.146
Paper / Cardboard Packing, in '000kg	0.601	1.519
Plastics in '000kg	0.024	0.122
Chemical Waste in '000kg	0	0
General Refuse in '000kg	607.49	1353.990

Note:

- The table is summary of quantities of waste material of report period.
- The inert waste disposal record from 1 February 2025 up to 7 April 2025 was based on the onsite record from the contractor instead of the official record from the Mui Wo Public Fill Reception Facility due to the maintenance of the weighbridge.
- The inert waste disposal records after 7 April 2025 reported in this reporting period are based on the recorded disposal weights at the Mui Wo Public Fill Reception Facility.

3.3 Implementation Status of Environmental Mitigation Measures

- 3.3.1 The environmental mitigation measures that recommended in the Implementation Status of Recommended Mitigation Measure in the Project EM&A Manual covered the issues

of Air Quality, Noise, Water Quality, Ecological Impact, Waste Management Implication, Landscape & Visual and Cultural Heritage and presented in **Appendix 4.1**.

3.3.2 The mitigation measures recommended in the EIA Report has been implemented where applicable. The implemented mitigation measures for the reporting period are listed below:

- a) Implementation of noise pollution control in accordance with Construction Noise Mitigation Plan;
- b) Dust control during dust generating works;
- c) Silt curtain should be maintained in good condition prior to and during dredging and related marine works;
- d) Adopt surface drainage and sediment control facilities for sewage installation in village and public roads;
- e) Adopt temporary drainage and sediment control facilities on Site;
- f) Vehicle wheel-washing and body washing facilities should be provided at the site entrance;
- g) Regular water spraying on excavation works for dust control;
- h) Proper waste handling, recycling and storage; and
- i) Prevention of site runoff during heavy rainstorms

3.3.3 The implemented mitigation measures are considered effective.

3.4 Complaints, Non-Compliance, and Notification of Summons and Prosecution

Environmental Complaints Received

- 3.4.1 On 16 September 2025, the received complaint was related to a reported oil sheen observed in the wetland area near Pui O Wetland, Lantau Island. On 25 September 2025, additional information from EPD was received that oil signs spotted in the Pui O. Subsequent investigations have been conducted.
- 3.4.2 An unannounced inspection conducted by ET on 17 September 2025, joint site investigation conducted by ET and the Contractor on 18 September 2025, and a joint site investigation conducted by ET, EPD, and the Contractor on 25 September 2025, and the subsequent site inspection conducted with ET, and Contractor on the same day. Preliminary findings showed that the diesel drum stored within the Project Sites were stored properly with no leakage or spillage. No oil signs within the project sites were found during the inspections conducted throughout the period of complaint investigation. Also, locations of the identified oil sheen are not within proximity of the Project Site.
- 3.4.3 The Final Investigation Report was submitted to EPD on 17 October 2025. Given that there is no evidence of oil leakage within our project site, it is considered that the oil pollution was not caused by our site operations. As such, the case is considered closed. The Final Investigation Report is given in **Appendix 3.6**.
- 3.4.4 One environmental complaint regarding the construction works was recorded in the reporting period. The detail of complaint is shown in **Table 3.9**.

Table 3.9 Summary of Complaints in the Report Period

Date of Incident	Description of Instance/ Circumstances or change of Circumstances	Action(s)/ Response(s)	Close-Out Date/ Status
16/9/2025	The complainants alleged that there was oil sheen found at the wetland in Pui O, leading to withering of plants. The complaint was referred from EPD to ETL via email.	Based on subsequent inspections, the oil leakage to the Project. As such, the case is considered closed.	The Final Investigation Report was submitted to EPD on 17 October 2025.

3.4.5 No notification of summons and successful prosecution regarding construction works were recorded in the reporting period.

3.4.6 Cumulative statistic on complaints and successful prosecutions are summarized in **Table 3.10** and **Table 3.11** respectively.

Table 3.10: Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
Project commencement to the end of last reporting period	3
February 2025 – January 2026	1
Total:	4

Table 3.11: Cumulative Statistics on Successful Prosecutions

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

Environmental Non-Compliance(exceedance)

3.4.7 The detail of exceedance has been discussed in Section 3.2.6-3.2.7 and 3.2.15-3.2.19.

Notifications of Summons and Successful Prosecutions

3.4.8 No notification of summons and successful prosecution regarding construction works were recorded in the reporting period.

4. Conclusion

4.1 Environmental Monitoring and Audits

- 4.1.1 Environmental monitoring and audits including Noise, Water Quality, Ecology, and Site audits have been conducted in the reporting period in accordance with the requirement stipulated in the EM&A Manual.
- 4.1.2 The environmental mitigation measures that recommended in the Implementation Status of Recommended Mitigation Measure in the Project EM&A Manual covered the issues of Air Quality, Noise, Water Quality, Ecological Impact, Waste Management Implication, Landscape & Visual and Cultural Heritage and presented in **Appendix 4.1**.

Noise Monitoring

- 4.1.3 Noise Monitoring has been conducted at 8 of the designated monitoring locations where construction works has been conducted nearby during the reporting period.
- 4.1.4 Noise limit level exceedance of 75 dB(A) was recorded at N12a on 24 December 2025. Site observation recorded a breaker operating at a roadside works site on South Lantau Road during monitoring. Also, local traffic noise, that comprises of heavy vehicles including trucks and buses, was observed to be high. As such, the exceedance would be due to combination of construction works and traffic flow. Hence, it is considered that the exceedance maybe project-related.
- 4.1.5 Repeat monitoring was conducted on 30 December 2025 due to no construction works during the public holidays on 25–26 December. Corrected noise level of 72dB(A) at N12a was recorded. Site investigation conducted on 30 December 2025 observed that no beaker was in operation at the work site. Corresponding remedial actions, including reminding the Contractor to maintain vigilance over construction noise and implemented proper construction noise mitigation measures according to EM&A Manual and Construction Noise Mitigation Plan. And formalizing the mandatory erection of noise barriers for future concrete breaking activities to prevent the recurrence of similar incidents. The final investigation report was submitted to EPD by 30 January 2026, and the final investigation report is given in **Appendix 3.2**.

Water Quality Monitoring

- 4.1.6 Subsequent to the completion of marine work on 24 May 2025, water quality monitoring was considered completed by 30 May 2025. No water quality monitoring is conducted in this reporting period.

Ecological Impact Monitoring

- 4.1.7 Transplanting of the trees of *Aquilaris sinensis* was completed on 26 April 2022. Maintenance works for trees in holding nursery have commenced.
- 4.1.8 As per latest version of PTP, 4 tree found (1 no. of *Aquilaria sinensis* and 3 nos. of *Gmelina chinensis*) within the site of SSWSTW which are considered to be the plant species with conservative importance for temporarily transplanted to the nursery at Kam Tin and eventually be transplanted to Pui O Pumping Station.
- 4.1.9 The weekly site audit was carried out by ET include checking whether good site practices are being properly implemented by the Contractor.

4.1.10 The extent of the work site boundaries was checked by the ET during the weekly site audit.

4.1.11 No non-compliance was found during the site inspection while reminders on environmental measures were recommended.

4.2 Complaints, Notification of Summons and Prosecution

4.2.1 On 16 September 2025, the received complaint was related to a reported oil sheen observed in the wetland area near Pui O Wetland, Lantau Island. On 25 September 2025, additional information from EPD was received that oil signs spotted in the Pui O. Subsequent investigations have been conducted.

4.2.2 An unannounced inspection conducted by ET on 17 September 2025, joint site investigation conducted by ET and the Contractor on 18 September 2025, and a joint site investigation conducted by ET, EPD, and the Contractor on 25 September 2025, and the subsequent site inspection conducted with ET, and Contractor on the same day. Preliminary findings showed that the diesel drum stored within the Project Sites were stored properly with no leakage or spillage. No oil signs within the project sites were found during the inspections conducted throughout the period of complaint investigation. Also, locations of the identified oil sheen are not within proximity of the Project Site.

4.2.3 The Final Investigation Report was submitted to EPD on 17 October 2025. Given that there is no evidence of oil leakage within our project site, it is considered that the oil pollution was not caused by our site operations. As such, the case is considered closed.

4.2.4 No notification of summons and successful prosecution regarding construction works were recorded in the reporting period.

4.3 Implementation of Environmental Mitigation Measures

4.3.1 The mitigation measures recommended in the EIA Report has been implemented where applicable. The implemented mitigation measures are considered effective.



**Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)**

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Figure

Project Organization Chart

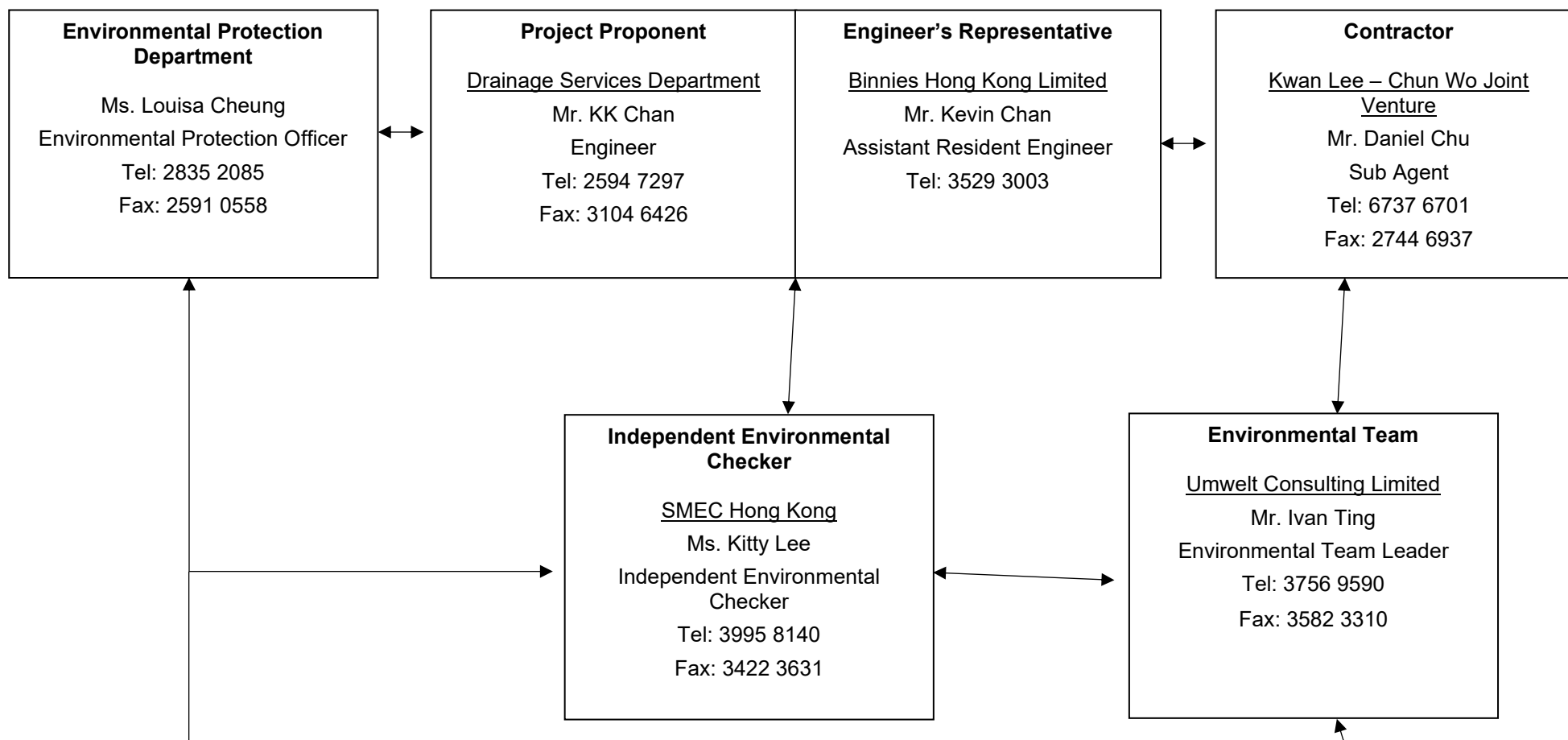
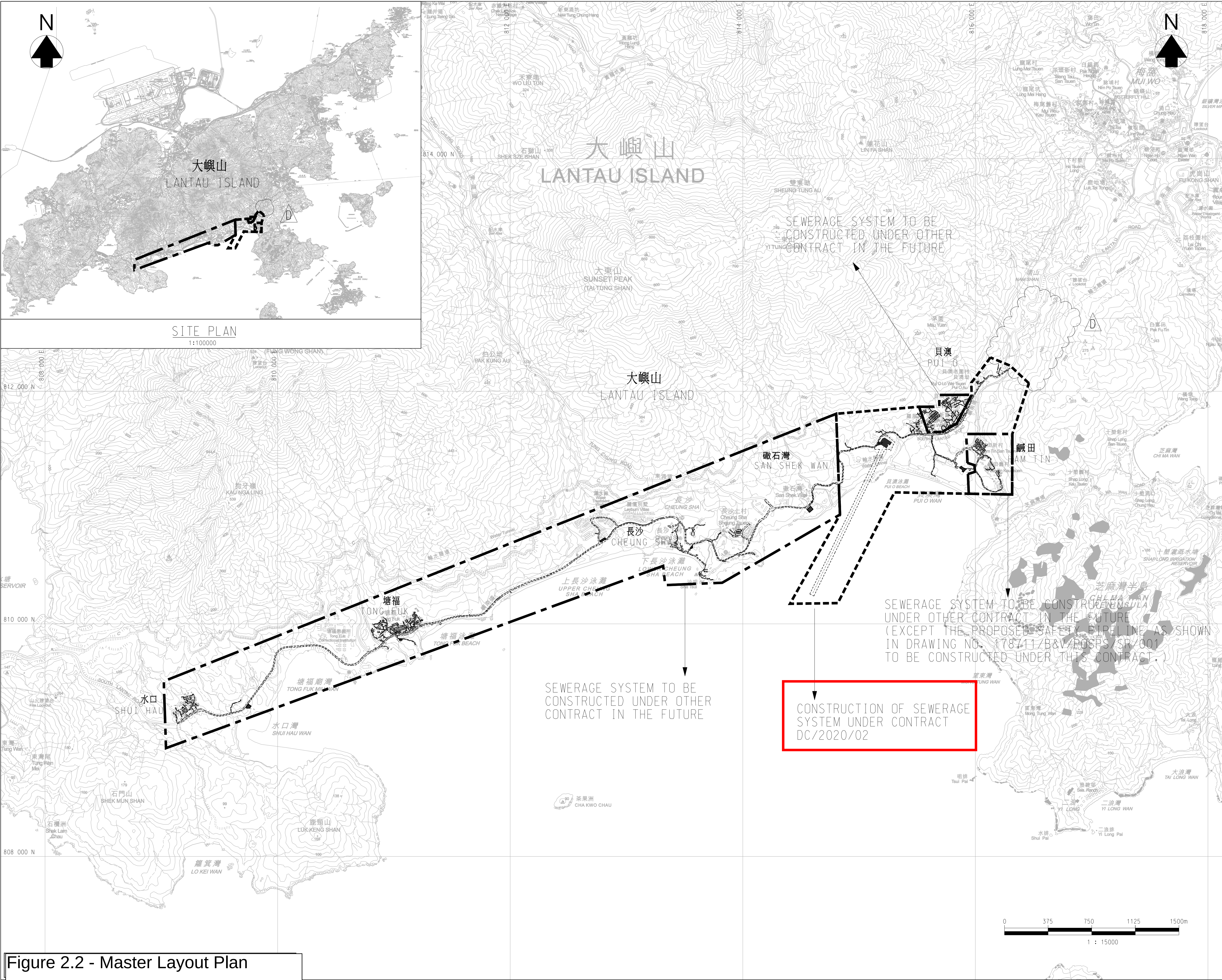


Figure 2.1 Project Organization Chart



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D	11/20	TENDER ADDENDUM NO.6	BL
C	11/20	TENDER ADDENDUM NO.5	BL
B	11/20	TENDER ADDENDUM NO.4	BL
A	09/20	TENDER ADDENDUM NO.2	TFL
Revision	Date	Description	Initial
	Designed	Checked	Drawn
Initial	TFL	BL	SZ
Date	04/20	04/20	04/20
Approved	Christina		

Contract no. DC/2020/02

Contract title
CONSTRUCTION OF SAN SHEK WAN
SEWAGE TREATMENT WORKS,
ASSOCIATED SUBMARINE OUTFALL
AND PUI O SEWAGE WORKS

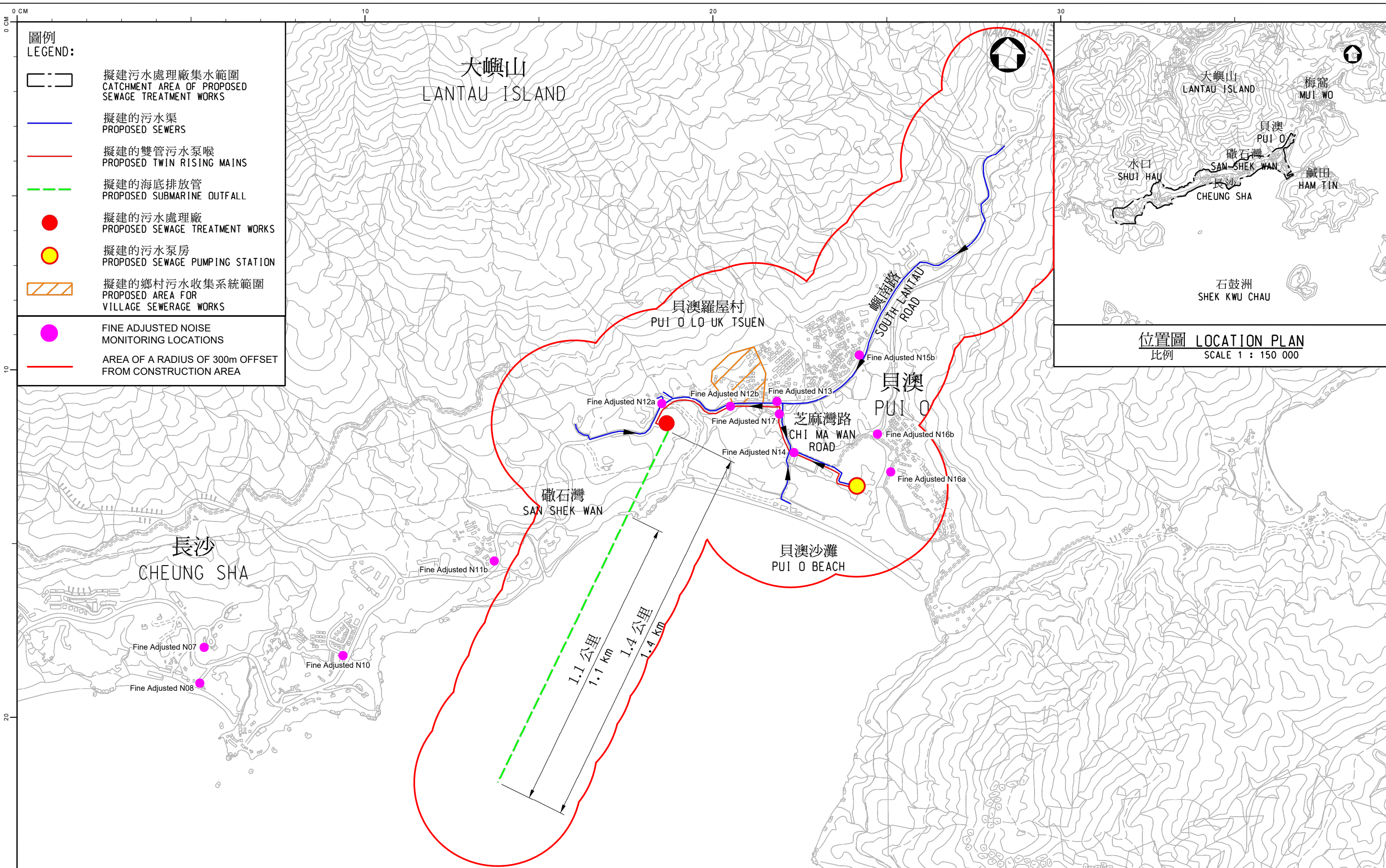
Drawing title
SOUTH LANTAU SEWERAGE
WORKS - MASTER LAYOUT PLAN

Drawing no.	Revision
178711/B&V/GN/001	D

Scale 1 : 15000

香港特別行政區政府渠務署
THE GOVERNMENT OF THE
HONG KONG
SPECIAL ADMINISTRATIVE REGION
DRAINAGE SERVICES DEPARTMENT

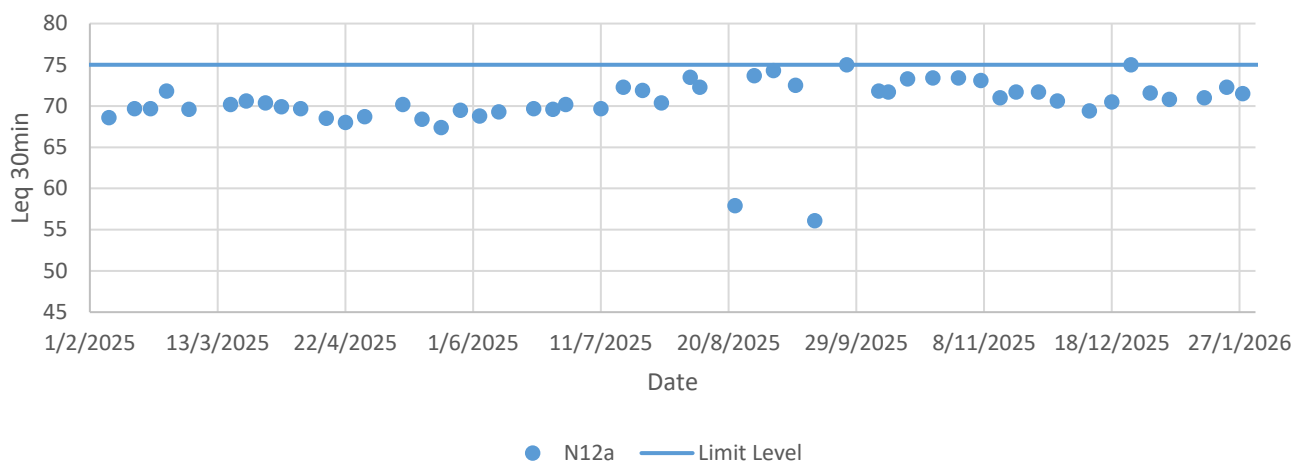
BLACK & VEATCH HONG KONG LIMITED
博威工程顧問有限公司



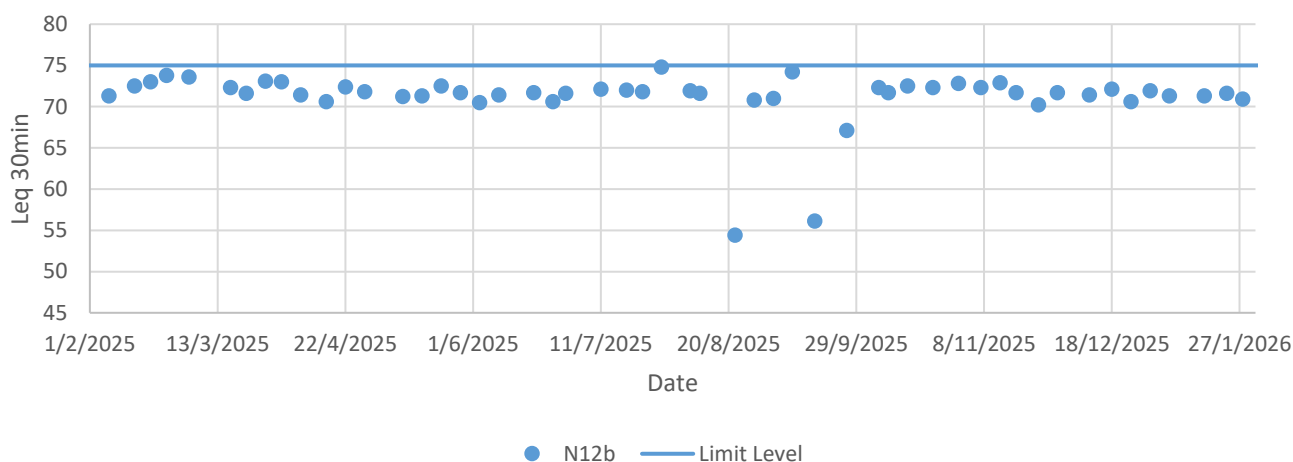
Appendix 3.1

Noise Monitoring Graphical Presentations

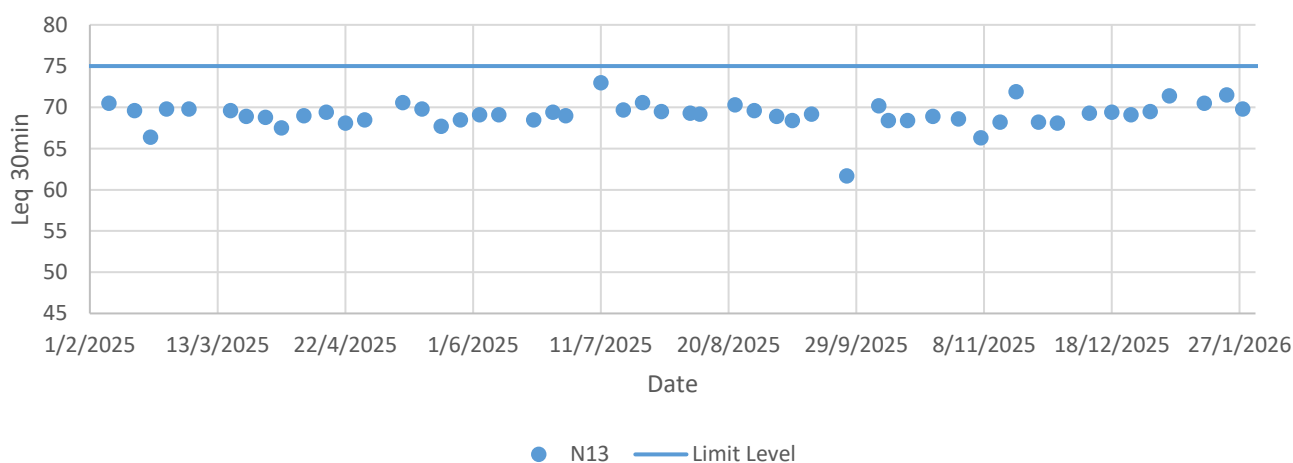
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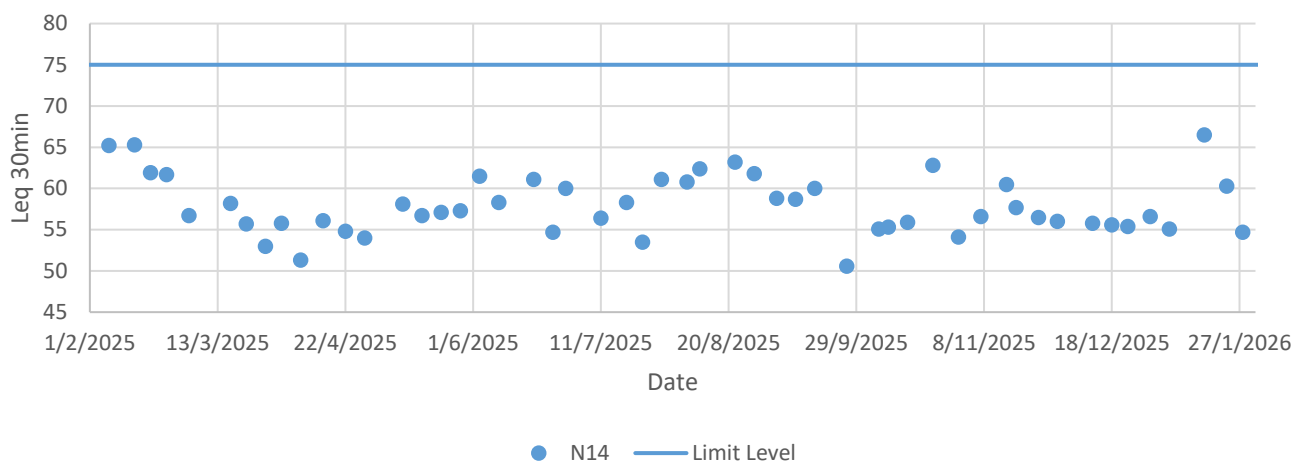
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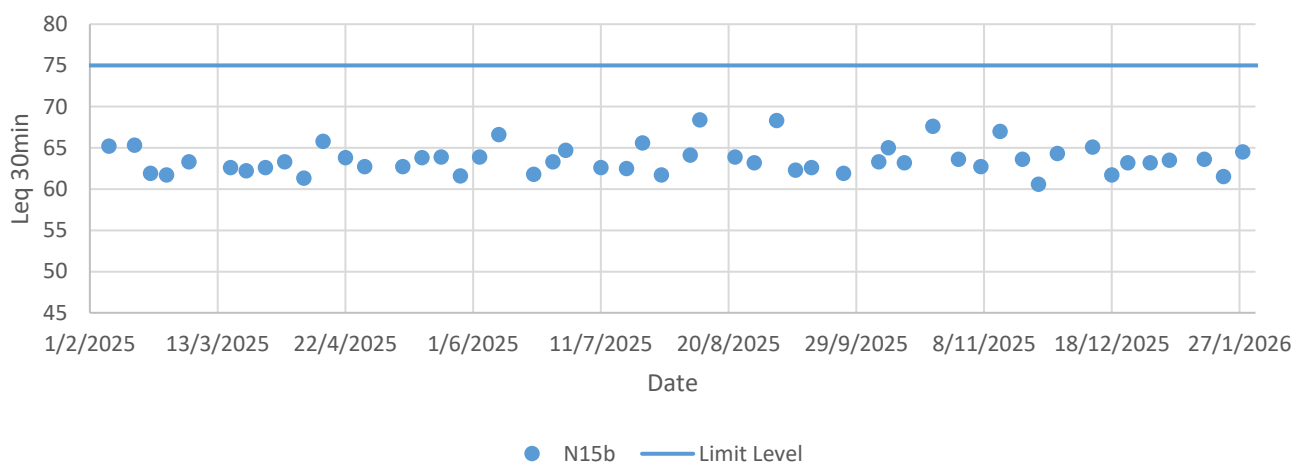
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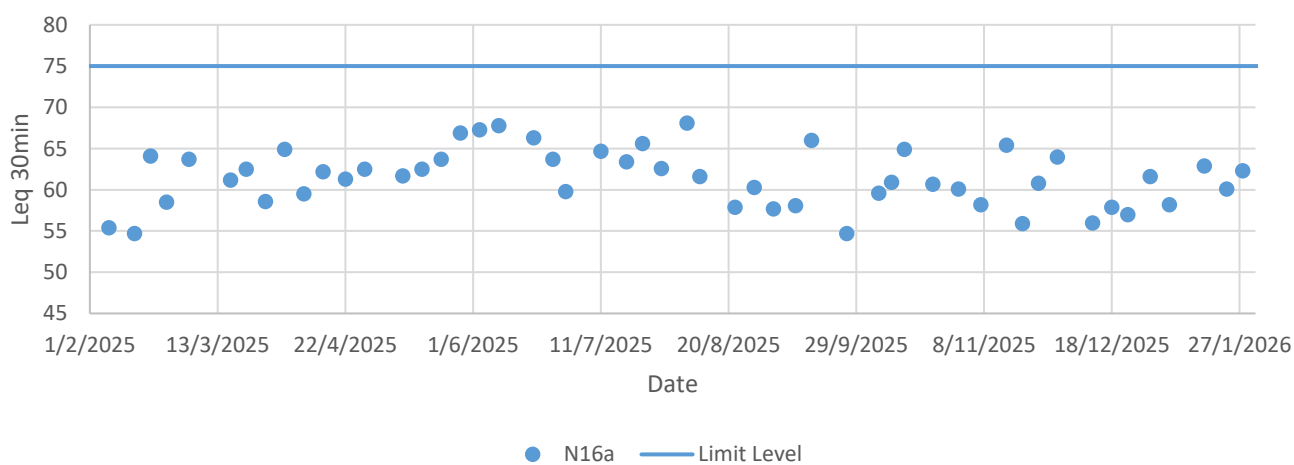
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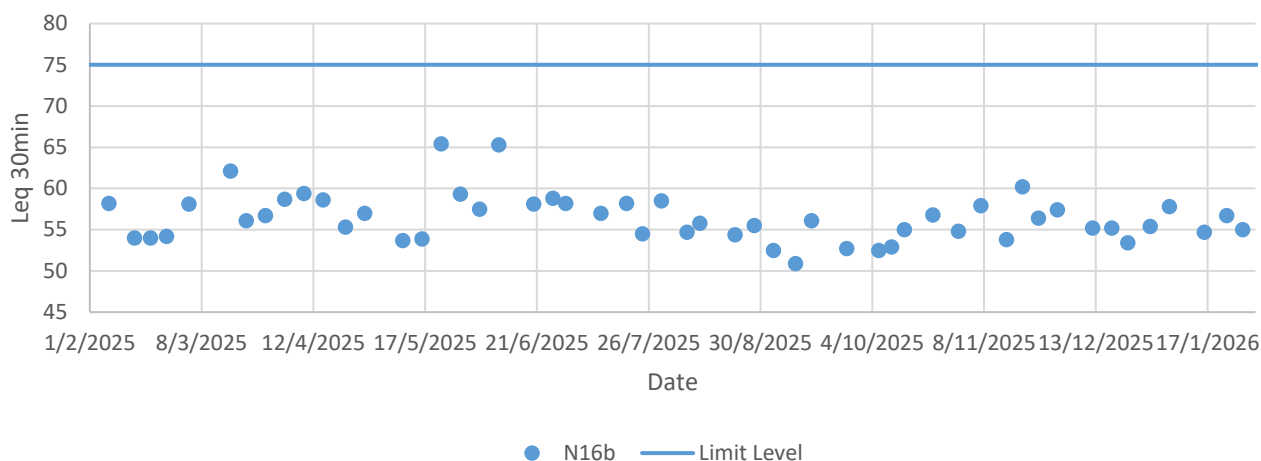
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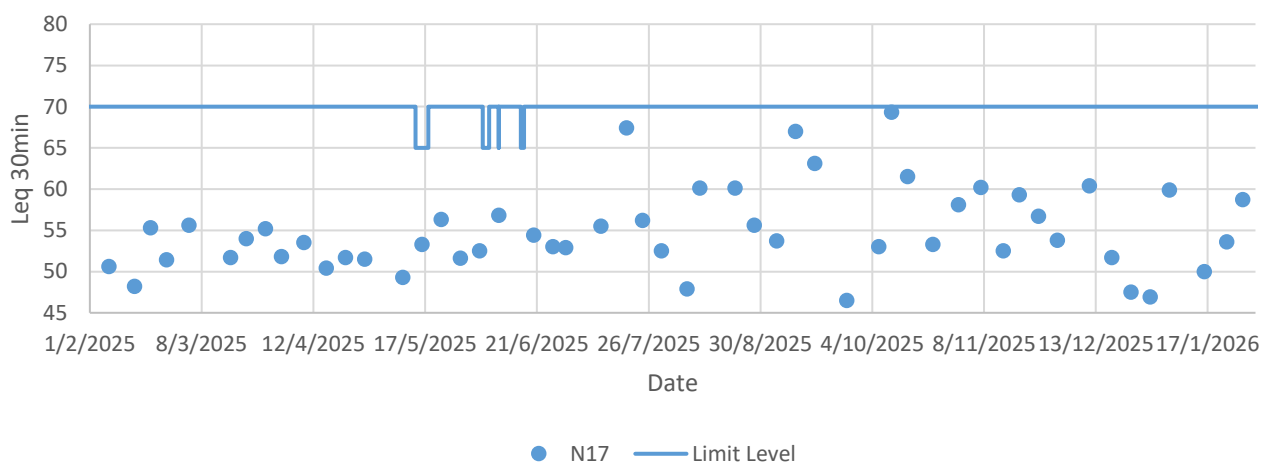
N16a



N16b



N17





Ref N12a Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	12:17	12:47	65.1	69.0	43.1	66	3	69	75	Dog barks, traffic	Not observed
					66.5	70.2	49.6						
					63.6	68.8	43.0						
					66.4	71.2	44.0						
					64.9	69.2	41.7						
					66.4	71.9	39.1						
15/2/2025	Sunny	Calm	15:55	16:25	64.5	69.1	42.1	67	3	70	75	Human activities, dog barks, bird, traffic	Hammering noise
					65.9	70.9	42.3						
					65.6	69.9	40.7						
					68.1	71.7	44.6						
					66.3	70.8	42.2						
					68.5	72.1	42.1						
20/2/2025	Sunny	Calm	10:38	11:08	68.1	73.0	54.6	67	3	70	75	Human activities, birds, dog barks, traffic	Drilling noise
					66.4	69.8	59.4						
					66.7	69.8	49.9						
					67.4	70.5	53.9						
					65.3	67.6	53.0						
					65.4	68.3	51.9						
25/2/2025	Cloudy	Calm	09:59	10:29	66.9	71.2	52.4	69	3	72	75	Birds, dog barks, traffic	Not observed
					71.2	70.1	49.9						
					66.6	70.9	52.1						
					64.6	69.8	47.3						
					68.1	70.9	48.2						
					71.3	70.1	47.0						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12a	Lo Uk Tsuen	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/3/2025	cloudy	calm	12:06	12:36	70.8	71.5	41.5	67	3	70	75	traffic, dog barks, birds, human activities	Not Observed
					60.1	64.0	39.7						
					67.0	71.7	41.3						
					67.6	74.2	44.7						
					62.8	67.0	40.8						
					62.4	67.5	45.9						
17/3/2025	Fine	Calm	15:11	15:41	65.1	69.5	50.1	67	3	70	75	dog bark, traffic, helicopter	Construction noise from SSW STW, Roadside worksite
					70.2	71.2	50.9						
					67.6	72.7	51.4						
					67.2	69.6	48.8						
					62.4	65.0	49.7						
					67.2	71.1	49.5						
22/3/2025	Sunny	Calm	09:32	10:02	66.4	68.5	53.4	68	3	71	75	traffic, dog barks, bird,	material movement
					69.4	69.0	50.0						
					68.8	71.6	51.5						
					67.2	70.5	49.8						
					64.6	66.7	62.9						
					67.6	70.6	63.0						
28/3/2025	Sunny	Calm	15:38	16:08	64.6	69.4	51.7	67	3	70	75	traffic, dog barks, bird, human activities	Not Observed
					68.7	71.5	52.0						
					70.2	75.0	52.5						
					66.8	69.2	53.5						
					65.5	70.0	54.5						
					65.5	71.7	51.3						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N12a Lo Uk Tsuen G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
2/4/2025	Sunny	Calm	09:55	10:25	67.8	70.5	54.3	67	3	70	75	traffic, bird, dog bark	Not Observed
					68.6	71.5	60.2						
					65.1	68.4	53.2						
					65.6	70.1	50.3						
					66.2	68.9	52.2						
					67.0	69.1	50.9						
8/4/2025	Cloudy	Calm	10:23	10:53	64.0	66.6	52.4	67	3	70	75	traffic, bird, dog barking, constuction road work	Not Observed
					69.7	73.1	50.7						
					68.7	71.1	52.3						
					62.8	67.1	51.0						
					64.9	69.6	49.8						
					65.6	70.2	49.2						
16/4/2025	Sunny	Calm	09:47	10:17	67.1	68.5	51.9	66	3	69	75	traffic, bird, cutting tree edges	Not Observed
					63.9	68.4	52.0						
					66.4	69.4	56.8						
					65.9	69.5	54.0						
					65.0	68.8	52.3						
					63.3	67.5	50.3						
22/4/2025	Sunny	Calm	10:09	10:39	64.4	68.7	51.6	65	3	68	75	Dog barking, Traffic, Human activities, Birds	Not Observed
					64.3	66.7	53.8						
					65.7	69.9	52.5						
					66.3	69.8	53.6						
					65.9	67.8	51.2						
					62.0	65.4	51.0						
28/4/2025	Sunny	Calm	14:37	15:07	67.5	70.9	48.3	66	3	69	75	Dog barking, Traffic, Human activities, Birds, car song	Not Observed
					64.0	68.7	49.2						
					60.1	62.1	52.5						
					64.9	68.4	49.3						
					66.4	68.6	51.9						
					67.4	71.0	48.3						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12a	Lo Uk Tsuen	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Cloudy	Calm	15:31	16:01	69.8	73.1	47.7	67	3	70	75	birds, traffic	Not Observed
					68.7	71.0	48.6						
					64.2	68.3	41.8						
					67.5	70.7	44.9						
					66.8	69.5	48.0						
					62.5	66.6	44.7						
16/5/2025	Sunny	Calm	12:41	13:11	64.4	67.3	43.3	65	3	68	75	traffic	Not Observed
					68.1	72.4	42.7						
					60.9	64.4	49.7						
					67.1	70.3	47.4						
					62.2	67.0	45.8						
					65.8	69.6	47.1						
22/5/2025	Sunny	Calm	15:10	15:40	64.0	68.4	48.3	64	3	67	75	traffic	Not Observed
					66.9	68.7	48.9						
					62.6	67.2	49.8						
					64.7	68.1	51.5						
					61.8	65.1	52.4						
					64.8	67.6	53.2						
28/5/2025	Cloudy	Calm	10:32	11:02	65.7	70.3	57.1	67	3	70	75	birds, traffic	observed from other project(engine sound)
					67.5	70.0	53.8						
					66.7	67.4	55.0						
					66.1	68.4	53.3						
					66.4	69.0	48.3						
					66.5	70.3	46.1						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref Location Name Level Type of Measurement
Location N12a Lo Uk Tsuen G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	Calm	10:10	10:40	68.5	73.1	60.6	66	3	69	75	bird, traffic, dog barking	Not Observed
					63.8	68.3	58.0						
					65.2	69.2	56.9						
					66.3	68.6	55.0						
					65.4	68.2	53.9						
					63.5	68.5	52.9						
9/6/2025	Sunny	Calm	10:25	10:55	68.6	69.5	54.0	66	3	69	75	Human activity, Traffic	Not Observed
					65.8	69.1	53.4						
					64.5	69.4	53.3						
					65.8	69.1	53.4						
					66.6	69.5	55.1						
					65.2	67.5	55.9						
20/6/2025	Sunny	Calm	09:36	10:06	68.1	73.0	54.6	67	3	70	75	bird, traffic, human activities	Not Observed
					66.4	69.8	59.4						
					66.7	69.8	49.9						
					67.4	70.5	53.9						
					65.3	67.6	53.0						
					65.4	68.3	51.9						
26/6/2025	Sunny	Calm	12:06	12:36	70.8	71.5	60.5	67	3	70	75	birds, human activities, traffic	Not Observed
					60.1	64.0	59.7						
					67.0	71.7	51.3						
					67.6	74.2	54.7						
					62.8	67.0	50.8						
					62.4	67.5	55.9						
30/6/2025	Cloudy	Calm	10:25	10:55	67.6	71.4	56.8	67	3	70	75	dog bark, human activities, traffic	Not Observed
					67.2	70.0	57.4						
					63.9	67.1	56.5						
					68.6	71.6	58.0						
					67.6	69.1	51.5						
					66.9	70.6	51.8						

Remake:

- Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12a	Lo Uk Tsuen	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	16:18	16:48	67.2	70.1	47.2	67	3	70	75	Human activity, traffic	Not observed
					64.6	69.3	48.3						
					67.0	71.1	48.1						
					66.0	71.0	46.6						
					67.0	70.8	46.6						
					67.7	67.1	45.0						
18/7/2025	Cloudy	Calm	10:47	11:17	69.6	72.2	62.1	69	3	72	75	Human activity, Traffic	Construction noise from our project (Traffic road)
					70.2	70.6	61.9						
					68.2	71.2	61.9						
					67.3	70.6	62.3						
					71.1	73.6	63.1						
					68.3	70.7	63.3						
24/7/2025	Cloudy	Calm	16:06	16:36	71.2	72.3	61.8	69	3	72	75	Human activity, Traffic	Not observed
					68.2	70.0	62.0						
					67.9	70.2	63.4						
					69.6	72.3	63.2						
					68.6	70.6	61.8						
					66.7	70.5	59.4						
30/7/2025	Cloudy	Calm	10:28	10:58	69.6	72.2	60.5	67	3	70	75	Human activity, Traffic	Not observed
					68.5	71.1	59.1						
					65.1	68.8	59.0						
					67.0	68.8	58.9						
					65.6	69.5	58.9						
					67.0	70.7	58.8						

Remake:

1. Numerical values are rounded to integer.



Ref N12a Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
8/8/2025	Sunny	Calm	15:24	15:54	68.0	70.2	64.0	71	3	74	75	Human Activity, Traffic	Not Observed
					69.3	72.2	63.9						
					70.4	71.4	63.5						
					71.5	73.4	63.7						
					72.7	70.3	62.3						
					69.2	72.0	62.0						
11/8/2025	Sunny	Calm	16:21	16:51	70.9	73.4	65.5	69	3	72	75	Human activity, Traffic	Not Observed
					69.3	72.0	64.1						
					72.1	76.1	60.0						
					66.1	72.1	49.5						
					65.9	69.9	49.8						
					67.8	71.9	53.5						
22/8/2025	Sunny	Calm	14:59	15:29	74.8	75.2	54.4	55	3	58	75	Human activity, Traffic	Not Observed
					67.6	72.1	61.2						
					66.9	70.5	58.1						
					67.9	70.8	57.7						
					73.2	74.3	53.8						
					67.9	70.0	55.0						
28/8/2025	Cloudy	Calm	11:33	12:03	70.3	73.3	53.1	71	3	74	75	Human activity, Traffic	Not Observed
					71.6	74.5	52.1						
					70.7	71.3	51.9						
					68.3	72.2	51.7						
					66.4	70.5	53.4						
					73.4	75.7	56.0						

Remake:

1. Numerical values are rounded to integer.



Ref N12a Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/9/2025	Sunny	Calm	09:16	09:46	70.4	73.4	57.9	71	3	74	75	traffic, dog, human activity	Construction noise from other project
					71.1	73.5	57.1						
					67.2	71.4	57.1						
					66.2	69.9	57.1						
					73.9	74.5	57.7						
					73.6	74.7	58.3						
10/9/2025	Sunny	Calm	13:38	14:08	66.8	71.5	52.2	70	3	73	75	traffic, dog, human activity	Crane
					68.8	72.6	52.2						
					71.0	73.6	52.2						
					71.4	73.9	54.9						
					68.6	73.1	57.2						
					68.4	72.3	57.2						
16/9/2025	Sunny	Calm	10:13	10:43	72.2	75.6	60.7	53	3	56	75	traffic, dog, human activity	Road works, use of excavator
					69.3	72.5	60.4						
					70.3	72.4	60.1						
					71.6	72.3	60.0						
					70.4	72.3	60.6						
					69.2	71.8	57.5						
26/9/2025	Cloudy	Small	10:41	11:11	69.5	73.3	60.4	72	3	75	75	traffic, dog, human activity	Drilling works
					71.6	74.0	60.2						
					75.8	75.9	60.4						
					71.6	74.8	60.0						
					70.0	73.7	59.4						
					70.3	72.5	60.6						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N12a Lo Uk Tsuen G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Sunny	Calm	16:35	17:05	66.1	71.3	51.9	69	3	72	75	Traffic	Not observed
					70.7	71.7	52.0						
					68.7	73.6	52.5						
					66.3	71.8	51.8						
					69.9	73.3	53.5						
					69.2	73.6	51.7						
9/10/2025	Sunny	Calm	10:08	10:38	67.8	72.2	58.7	69	3	72	75	Traffic	drilling
					67.6	70.4	58.8						
					70.0	71.9	58.4						
					69.7	73.2	58.6						
					68.0	70.1	58.1						
					68.5	71.0	58.2						
15/10/2025	Sunny	Calm	10:24	10:54	68.4	71.1	59.4	70	3	73	75	Traffic	sawing
					69.6	70.4	58.9						
					70.1	72.2	58.6						
					70.9	74.2	59.1						
					69.0	71.2	59.1						
					72.6	72.8	59.2						
23/10/2025	Cloudy	Strong	10:19	10:49	72.6	72.1	62.0	70	3	73	75	Birds, traffic, human activity, dog bark	Not observed
					67.8	71.0	62.8						
					71.4	74.4	61.2						
					69.7	73.0	61.0						
					70.6	72.7	60.2						
					68.0	70.1	60.5						
31/10/2025	Sunny	Calm	10:26	10:56	71.7	74.7	60.7	70	3	73	75	Traffic, human activity	Not observed
					74.1	74.2	58.4						
					68.5	70.4	59.8						
					66.3	70.2	60.0						
					68.6	71.1	49.4						
					68.7	72.4	51.0						

Remake:

1. Numerical values are rounded to integer.



Ref N12a Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	11:49	12:19	66.9	69.6	55.9	70	3	73	75	birds, traffic, human activity, dog bark	Our project
					71.6	72.6	57.0						
					70.7	71.1	62.6						
					69.3	71.6	56.5						
					69.6	71.8	57.4						
					70.9	72.5	48.1						
13/11/2025	Cloudy	Calm	15:04	15:34	68.7	71.7	50.8	68	3	71	75	birds, traffic, human activity	Not observed
					67.1	70.4	58.8						
					66.0	69.7	59.0						
					67.1	70.1	58.9						
					70.7	72.6	57.4						
					66.2	70.9	52.9						
18/11/2025	Sunny	Moderate	13:27	13:57	69.6	72.4	58.5	69	3	72	75	Traffic, Human activities, Dog bark	Yes
					68.2	69.6	58.6						
					70.6	71.6	59.0						
					66.6	69.4	59.8						
					68.0	71.6	59.4						
					68.1	70.4	58.7						
25/11/2025	Sunny	Moderate	10:00	10:30	68.5	71.1	57.6	69	3	72	75	traffic, human activity	our project
					66.8	70.7	57.9						
					68.9	72.2	59.3						
					69.1	73.2	58.5						
					68.8	73.0	58.4						
					69.7	72.1	59.4						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N12a Lo Uk Tsuen G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	10:32	11:02	68.4	71.7	56.2	68	3	71	75	Traffic, human activity	Our project
					64.2	68.2	55.3						
					65.8	67.2	49.8						
					66.1	69.7	48.7						
					71.0	74.0	62.4						
					66.9	70.2	51.9						
11/12/2025	Cloudy	Calm	14:48	15:18	68.2	71.5	48.5	66	3	69	75	Traffic, human activity, dog bark	Our project
					64.0	67.9	50.5						
					67.8	71.6	49.8						
					66.7	68.6	51.0						
					66.0	70.3	52.7						
					63.7	66.7	48.7						
18/12/2025	Sunny	Calm	09:33	10:03	69.3	71.0	50.0	68	3	71	75	Traffic, human activity, birds	Our project
					66.9	68.8	48.1						
					65.7	67.5	46.9						
					61.2	62.7	47.0						
					67.2	70.0	51.0						
					69.9	73.3	51.9						
24/12/2025	Cloudy	Calm	09:27	09:57	71.0	73.6	60.7	72	3	75	75	Traffic, human activity, birds	Our project
					72.1	74.3	66.5						
					71.5	74.0	62.3						
					74.9	76.6	62.3						
					72.1	74.1	61.9						
					70.6	72.7	60.1						
30/12/2025	Sunny	Calm	09:28	09:58	66.9	69.8	54.0	69	3	72	75	Traffic, human activity, birds	Our project
					68.7	71.1	52.9						
					67.0	70.9	54.0						
					71.1	75.0	51.0						
					69.2	73.4	51.1						
					67.2	71.4	52.2						

Remake:

1. Numerical values are rounded to integer.



Ref N12a Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	09:30	10:00	68.7	73.2	53.8	68	3	71	75	Traffic, human activity, birds	Our project (hammering)
					70.3	71.8	53.8						
					67.7	71.1	52.4						
					66.8	69.9	49.8						
					63.3	68.3	45.9						
					67.2	69.4	51.8						
16/1/2026	Sunny	Calm	09:50	10:20	68.5	69.0	55.7	68	3	71	75	Traffic, human activity, birds	Our project (concrete filling near entrance, operation of excavator,
					67.0	68.7	56.1						
					68.0	69.3	55.9						
					67.0	70.9	58.0						
					65.1	69.5	55.2						
					70.6	71.3	55.9						
23/1/2026	Cloudy	Calm	10:08	10:38	71.7	75.5	61.7	69	3	72	75	Traffic, human activity, birds	Drilling
					67.0	70.2	53.9						
					69.0	71.4	54.4						
					68.7	72.2	56.5						
					69.8	73.2	58.1						
					67.9	70.4	56.8						
28/1/2026	Cloudy	Calm	13:20	13:50	67.6	70.2	55.1	69	3	72	75	Traffic, human activity, birds	Drilling
					70.4	71.4	55.0						
					69.9	72.1	55.5						
					68.6	71.3	56.3						
					67.6	71.6	51.2						
					64.8	67.6	47.5						

Remake:

1. Numerical values are rounded to integer.



Ref N12b Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	13:02	13:32	66.3	69.4	46.8	68	3	71	75	Human activities, traffic	Not observed
					67.8	70.6	44.2						
					70.5	72.9	44.6						
					66.9	72.7	43.0						
					68.0	71.2	47.5						
					68.7	73.3	48.5						
15/2/2025	Sunny	Calm	15:18	15:48	71.0	74.5	54.9	70	3	73	75	Construction Noise from 18/wsd/21, traffic	Not observed
					71.6	75.1	53.5						
					67.8	71.7	52.1						
					68.0	70.8	52.1						
					68.5	72.0	51.9						
					68.7	73.0	53.6						
20/2/2025	Sunny	Calm	11:24	11:54	70.9	73.8	65.8	70	3	73	75	Loading/unloading, human activities, birds, dog barks, traffic	Not observed
					70.3	72.4	65.5						
					71.7	75.9	51.7						
					66.9	70.0	49.4						
					71.1	73.8	49.8						
					66.0	69.1	44.1						
25/2/2025	Cloudy	Calm	10:41	11:11	68.9	71.5	66.7	71	3	74	75	Construction noise from 18/wsd/21, human activities, birds, traffic	Not observed
					70.9	73.3	66.9						
					71.3	73.0	67.0						
					69.6	72.0	67.1						
					70.4	71.5	67.2						
					72.6	75.6	67.1						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12b	Lo Uk Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/3/2025	fine	calm	11:28	11:58	71.6	73.7	69.5	71	3	74	75	nearby construction noise, loading/unloading, traffic, human	Not Observed
					71.7	74.1	67.1						
					69.0	71.1	67.0						
					71.1	73.4	66.9						
					70.2	71.6	67.0						
					68.8	68.7	67.1						
17/3/2025	Fine	Calm	13:49	14:19	66.2	70.7	51.6	69	3	72	75	bird, traffic, human activity	Not Observed
					71.2	74.3	53.3						
					69.3	74.0	52.4						
					68.9	72.8	52.7						
					67.7	70.0	51.7						
					70.6	75.0	53.2						
22/3/2025	Sunny	Calm	10:13	10:43	66.6	71.1	54.7	69	3	72	75	birds, traffic, human activities, construction noise from 18/WSD/	Not Observed
					69.9	72.9	55.2						
					68.3	71.8	55.1						
					69.7	74.1	55.2						
					67.3	71.5	55.3						
					68.9	73.6	55.2						
28/3/2025	Sunny	Calm	14:59	15:29	69.6	71.8	66.6	70	3	73	75	bird, traffic, human activity	Not Observed
					72.1	75.0	66.6						
					69.2	70.9	66.6						
					69.5	71.7	66.3						
					70.8	74.1	66.2						
					68.1	69.2	66.0						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N12b Lo Uk Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
2/4/2025	Sunny	Calm	10:31	11:01	73.4	68.3	55.8	70	3	73	75	traffic, bird, human activities, car song 10:32	Not Observed
					67.5	70.1	53.1						
					67.7	71.2	56.7						
					67.2	69.5	63.5						
					70.4	73.1	66.6						
					69.9	73.0	66.2						
8/4/2025	Cloudy	Calm	10:58	11:28	68.7	68.4	52.2	68	3	71	75	traffic, bird, human activities, garbage truck 11:01	Not Observed
					67.2	70.9	52.0						
					68.0	71.0	53.1						
					68.3	71.5	52.3						
					68.4	71.6	51.9						
					69.3	72.9	64.2						
16/4/2025	Sunny	Calm	10:22	10:52	66.4	70.1	53.7	68	3	71	75	traffic, bird, human activities	Not Observed
					68.0	72.7	53.9						
					67.2	70.1	53.4						
					67.6	72.3	53.5						
					67.5	71.3	54.3						
					68.8	71.7	54.1						
22/4/2025	Sunny	Calm	10:44	11:14	72.4	74.9	51.7	69	3	72	75	Human activities, traffic	Not Observed
					68.6	73.3	52.0						
					66.9	71.5	51.7						
					68.6	69.5	52.2						
					68.5	72.7	58.7						
					69.5	72.9	61.4						
28/4/2025	Sunny	Calm	14:00	14:30	66.5	71.1	51.9	69	3	72	75	Traffic, Human activities, Birds	Not Observed
					68.4	72.0	51.6						
					68.8	71.1	51.9						
					70.7	74.3	52.5						
					68.7	73.6	53.1						
					68.4	71.7	53.5						

Remake:

1. Numerical values are rounded to integer.



Ref N12b Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Cloudy	Calm	14:19	14:49	68.4	73.3	59.7	68	3	71	75	birds, traffic, construction noise from other project	Not Observed
					66.4	71.2	60.0						
					68.6	72.0	60.0						
					69.1	73.3	60.1						
					69.6	73.2	60.2						
					65.5	69.3	59.9						
16/5/2025	Sunny	Calm	12:04	12:34	70.5	73.4	54.7	68	3	71	75	traffic	Not Observed
					66.9	71.3	54.5						
					62.0	66.2	54.5						
					69.2	72.7	54.8						
					68.0	73.1	54.5						
					69.2	71.5	54.9						
22/5/2025	Sunny	Calm	14:34	15:04	70.0	73.4	64.4	70	3	73	75	traffic	Not Observed
					68.5	71.9	64.5						
					67.4	66.5	64.3						
					69.9	74.0	64.7						
					70.1	72.6	64.9						
					70.3	72.6	64.6						
28/5/2025	Cloudy	Calm	11:08	11:38	69.5	72.2	52.4	69	3	72	75	birds, traffic, human activity	Not Observed
					69.1	71.7	53.1						
					68.6	71.8	52.1						
					66.9	70.8	52.8						
					70.5	74.8	53.7						
					66.3	69.9	53.1						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref Location Name Level Type of Measurement
Location N12b Lo Uk Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	Calm	10:46	11:16	65.4	68.7	58.7	68	3	71	75	birds, human activities, traffic, observed from other project	Not Observed
					68.0	72.0	58.1						
					64.5	68.7	55.5						
					67.9	71.1	56.0						
					67.2	69.7	56.1						
					69.9	71.6	55.4						
9/6/2025	Sunny	Calm	11:02	11:32	69.8	74.2	50.4	68	3	71	75	Human activity, Traffic	Not Observed
					68.5	71.2	50.5						
					68.0	72.2	49.0						
					69.6	72.4	49.7						
					67.4	70.7	47.1						
					66.1	69.8	46.3						
20/6/2025	Sunny	Calm	10:08	10:38	69.5	72.2	52.4	69	3	72	75	birds, human activities, traffic, construction works from other project	Not Observed
					69.1	71.7	53.1						
					68.6	71.8	52.1						
					66.9	70.8	52.8						
					70.5	74.8	53.7						
					66.3	69.9	53.1						
26/6/2025	Sunny	Calm	11:28	11:58	66.4	70.1	53.7	68	3	71	75	birds, human activities, traffic	Not Observed
					68.0	72.7	53.9						
					67.2	70.1	53.4						
					67.7	71.2	56.7						
					67.2	69.5	63.5						
					68.8	71.7	54.1						
30/6/2025	Cloudy	Calm	11:01	11:31	69.3	71.9	62.6	69	3	72	75	human activities, traffic	Engine sound from other project
					67.8	71.8	54.1						
					69.9	73.2	50.9						
					67.8	69.0	50.3						
					66.8	70.3	50.8						
					69.1	72.9	51.6						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12b	Lo Uk Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	15:43	16:13	68.8	72.4	51.5	69	3	72	75	Human activity, traffic, bird, Helicopter	Not observed
					69.6	70.1	55.2						
					70.7	73.5	52.9						
					66.4	71.2	51.7						
					69.3	73.0	52.8						
					69.0	71.1	54.0						
19/7/2025	Cloudy	Calm	16:03	16:33	69.0	72.6	53.0	69	3	72	75	Human activity, Traffic	Not observed
					71.0	74.0	54.0						
					64.8	65.9	54.1						
					67.6	73.0	55.5						
					70.4	73.9	55.3						
					68.6	71.1	54.9						
24/7/2025	Cloudy	Calm	15:31	16:01	67.9	71.3	58.1	69	3	72	75	Human activity, Traffic, Helicopter	Not observed
					69.4	72.9	57.9						
					69.9	74.0	58.3						
					68.5	72.3	57.8						
					68.8	72.3	58.7						
					67.6	71.6	58.9						
30/7/2025	Sunny	Calm	11:03	11:33	68.3	72.0	49.3	72	3	75	75	Human activity, Traffic, Garbage truck operation	Not observed
					68.3	73.0	48.0						
					66.5	68.7	46.1						
					72.9	75.2	49.5						
					75.3	76.6	73.5						
					73.1	75.4	49.9						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12b	Lo Uk Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
8/8/2025	Sunny	Calm	14:48	15:18	65.9	69.4	57.4	69	3	72	75	Human Activity, Traffic	Not Observed
					68.3	72.9	56.1						
					72.0	76.0	59.1						
					67.4	72.0	59.7						
					70.2	72.9	59.9						
					65.8	67.6	60.0						
11/8/2025	Sunny	Calm	15:44	16:14	68.5	73.5	56.9	69	3	72	75	Human activity, Traffic	Not Observed
					66.6	69.7	58.6						
					68.4	70.3	57.6						
					69.1	71.6	55.9						
					69.8	72.7	54.8						
					68.3	73.3	55.2						
22/8/2025	Sunny	Calm	14:27	14:57	71.0	74.5	58.2	51	3	54	75	Human activity, Traffic	Not Observed
					69.3	73.7	59.1						
					72.4	75.0	58.5						
					66.9	70.6	57.4						
					68.1	72.8	58.2						
					69.9	72.2	60.0						
28/8/2025	Cloudy	Calm	10:58	11:28	62.9	66.0	54.6	68	3	71	75	Human activity, Traffic	Not Observed
					64.1	67.4	56.0						
					67.5	71.5	52.9						
					68.2	72.3	52.4						
					70.8	72.9	53.8						
					68.9	72.3	62.6						

Remake:

1. Numerical values are rounded to integer.



Ref N12b Location Name Lo Uk Tsuen Level G/F Type of Measurement Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/9/2025	Sunny	Calm	09:52	10:22	68.1	71.2	55.1	68	3	71	75	traffic, bird, human activity	Not Observed
					65.2	68.4	55.2						
					70.7	72.9	54.9						
					67.3	70.9	54.4						
					66.0	70.5	54.8						
					68.6	72.1	55.0						
9/9/2025	Sunny	Calm	15:06	15:36	72.3	75.1	65.3	71	3	74	75	traffic, bird, human activity	Not Observed
					69.2	72.4	64.7						
					72.6	76.0	65.0						
					71.9	76.2	65.4						
					69.0	71.4	64.6						
					70.7	73.4	64.5						
16/9/2025	Sunny	Calm	10:48	11:18	67.8	69.7	56.0	53	3	56	75	traffic, bird, human activity	Not Observed
					70.9	72.6	55.7						
					67.7	70.8	55.8						
					67.1	71.6	56.0						
					70.0	73.6	55.6						
					70.8	74.1	60.0						
26/9/2025	Sunny	Small	11:37	12:07	65.6	67.3	56.7	64	3	67	75	traffic, bird, human activity	Not Observed
					64.2	65.4	55.4						
					63.9	66.4	55.9						
					64.5	66.5	49.8						
					63.4	64.8	48.8						
					62.7	65.1	47.3						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N12b Lo Uk Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Fine	Calm	15:51	16:21	71.1	73.9	55.0	69	3	72	75	Traffic , human activities	Not observed
					68.9	73.6	55.1						
					66.9	71.0	52.8						
					69.3	73.0	52.7						
					69.2	72.9	47.3						
					69.3	73.2	47.2						
9/10/2025	Sunny	Calm	10:43	11:13	68.2	71.4	53.6	69	3	72	75	Traffic , human activities	Not observed
					68.7	71.5	53.4						
					68.1	72.0	56.5						
					67.5	70.8	56.6						
					70.4	74.8	57.4						
					68.6	70.8	56.4						
15/10/2025	Sunny	Calm	10:59	11:29	67.6	71.4	53.4	70	3	73	75	Traffic , human activities	Not observed
					70.0	73.6	54.6						
					68.1	70.0	54.6						
					66.5	67.7	58.1						
					71.5	72.7	62.8						
					71.0	74.2	56.8						
23/10/2025	Cloudy	Strong	10:57	11:27	68.9	73.1	54.5	69	3	72	75	Birds, traffic, human activity	Not observed
					68.8	72.1	51.7						
					68.9	73.6	50.3						
					69.5	71.0	51.2						
					71.0	74.0	54.6						
					68.3	72.2	56.2						
31/10/2025	Sunny	Calm	10:59	11:29	69.2	73.1	54.0	70	3	73	75	Traffic, human activity, dog bark	Not observed
					65.4	69.3	53.1						
					66.2	70.1	53.4						
					69.2	72.9	52.7						
					71.9	72.5	46.8						
					72.3	73.9	70.0						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N12b	Lo Uk Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	12:22	12:52	70.8	72.4	46.8	69	3	72	75	birds, traffic, human activity	Not observed
					67.6	71.5	44.8						
					68.0	72.2	45.5						
					69.0	73.5	45.0						
					71.2	75.6	52.1						
					67.3	70.6	50.3						
13/11/2025	Cloudy	Calm	15:38	16:08	69.2	72.3	52.4	70	3	73	75	birds, traffic, human activity, dog bark	Not observed
					67.7	70.6	51.9						
					74.8	71.8	51.9						
					66.8	69.6	52.2						
					67.8	70.8	52.5						
					64.8	68.6	51.6						
18/11/2025	Sunny	Moderate	14:09	14:39	69.6	72.7	55.6	69	3	72	75	Traffic, Human Activities	Not observed
					70.2	73.7	55.8						
					69.2	71.9	56.1						
					67.4	70.5	55.5						
					64.7	67.2	55.5						
					69.0	72.4	56.2						
25/11/2025	Sunny	Moderate	10:54	11:24	61.1	64.6	50.2	67	3	70	75	Traffic, Human Activities, School Bell	Not observed
					65.8	67.7	49.9						
					64.3	67.9	50.9						
					70.6	73.9	51.8						
					67.4	72.5	50.5						
					68.1	71.5	50.4						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N12b Lo Uk Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	11:22	11:52	71.2	73.1	58.9	69	3	72	75	Traffic, human activity, school bell	Not observed
					69.9	73.3	52.7						
					66.2	69.7	50.2						
					69.4	73.4	52.4						
					67.9	70.1	51.6						
					64.6	68.7	50.2						
11/12/2025	Cloudy	Calm	15:34	16:04	67.1	70.0	55.1	68	3	71	75	Traffic, human activity	Not observed
					69.1	72.8	56.0						
					68.8	71.2	55.2						
					68.5	72.5	55.0						
					67.1	70.0	55.1						
					69.2	73.4	56.4						
18/12/2025	Sunny	Calm	10:17	10:47	67.8	70.5	55.7	69	3	72	75	Traffic, human activity	Not observed
					70.4	75.0	54.8						
					70.5	72.9	55.2						
					69.9	75.2	55.3						
					66.7	69.9	54.7						
					68.0	72.6	54.7						
24/12/2025	Cloudy	Calm	10:07	10:37	65.5	71.1	54.4	68	3	71	75	Traffic, human activity	Not observed
					69.0	72.5	54.6						
					66.9	69.5	54.8						
					68.9	71.6	60.4						
					67.5	71.9	60.2						
					66.7	70.6	54.3						
30/12/2025	Sunny	Calm	10:08	10:38	63.9	63.1	58.9	69	3	72	75	Traffic, human activity	Not observed
					69.9	73.0	52.3						
					67.7	72.4	52.3						
					69.0	72.5	52.7						
					71.6	75.8	52.4						
					67.9	71.3	52.4						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref **Location Name** **Level** **Type of Measurement**
Location N12b Lo Uk Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	10:10	10:40	66.5	70.5	52.0	68	3	71	75	Traffic, human activity	Not observed
					68.5	72.4	55.1						
					68.8	72.5	54.5						
					65.9	70.4	54.6						
					66.2	69.5	54.3						
					71.4	74.1	54.8						
16/1/2026	Sunny	Calm	10:32	11:02	69.1	71.6	60.5	68	3	71	75	Traffic, human activity	Our project (concrete breaking by Excavator)
					68.8	71.2	55.5						
					68.8	72.1	55.9						
					67.9	71.7	56.0						
					68.2	70.9	55.0						
					66.8	70.9	56.6						
23/1/2026	Cloudy	Calm	10:45	11:15	68.4	72.6	53.4	69	3	72	75	Traffic, human activity, birds	Drilling
					68.1	70.7	51.6						
					68.1	70.5	51.2						
					67.0	70.4	52.9						
					68.2	71.5	54.9						
					70.9	74.4	57.4						
28/1/2026	Cloudy	Calm	12:47	13:17	65.7	69.5	47.6	68	3	71	75	Traffic, human activity, birds, helicopter	Not observed
					66.4	69.3	45.5						
					64.7	68.5	47.2						
					64.0	68.1	45.4						
					69.5	71.3	49.2						
					71.6	75.3	48.0						

Remake:

- Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	13:43	14:13	66.7	70.9	54.6	68	3	71	75	Human activities, bird, traffic	Not observed
					68.0	70.3	53.3						
					69.2	72.7	57.7						
					68.8	70.0	53.6						
					65.0	67.9	55.0						
					65.4	69.1	53.8						
15/2/2025	Fine	Calm	11:31	12:01	67.4	71.4	50.7	67	3	70	75	Birds, traffic	Not observed
					68.1	71.8	51.9						
					67.1	70.0	51.3						
					66.4	71.1	50.0						
					65.2	68.8	48.8						
					63.9	66.1	48.8						
20/2/2025	Sunny	Calm	12:01	12:31	65.8	69.5	46.3	63	3	66	75	Renovation works, birds, traffi	Not observed
					63.4	67.7	46.2						
					62.4	65.7	45.6						
					64.0	68.3	45.4						
					62.4	67.2	44.9						
					60.0	65.9	45.5						
25/2/2025	Cloudy	Calm	11:20	11:50	66.3	69.7	60.4	67	3	70	75	Renovation, human activities, birds, traffic	Ground breaking noise
					65.2	68.2	60.4						
					67.6	69.4	59.8						
					67.6	71.2	61.2						
					66.6	70.0	53.9						
					66.9	70.8	54.7						

Remake:

1. Numerical values are rounded to integer.



Ref N13 Location Name Pui O San Wai Tsuen Level G/F Type of Measurement Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/3/2025	cloudy	calm	10:47	11:17	65.5	69.7	52.4	67	3	70	75	traffic, renovation, human activities, birds	Not Observed
					68.2	71.9	51.5						
					63.7	67.6	53.6						
					66.7	68.9	55.1						
					68.8	72.6	53.0						
					65.6	69.9	52.2						
15/3/2025	Fine	Calm	13:35	14:05	61.8	65.7	50.1	67	3	70	75	bird, human activities, traffic, construction works from other project	Not Observed
					66.2	69.7	53.1						
					65.7	67.6	53.6						
					67.2	69.4	53.1						
					68.2	70.1	51.6						
					67.8	71.4	54.7						
22/3/2025	Sunny	Calm	10:47	11:17	64.4	67.5	51.6	66	3	69	75	birds, traffic, human activities	Not Observed
					65.5	69.2	50.5						
					66.5	68.9	50.2						
					65.4	69.3	51.2						
					66.0	69.9	51.7						
					66.9	71.0	53.4						
28/3/2025	Sunny	Calm	13:04	13:34	65.6	70.4	53.3	66	3	69	75	birds, traffic, human activities, construction works from other project, school	Not Observed
					67.5	71.9	55.1						
					66.4	70.6	53.2						
					62.3	65.4	52.1						
					63.6	67.5	52.3						
					67.2	71.5	55.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
2/4/2025	Sunny	Calm	11:06	11:36	66.4	70.8	54.6	65	3	68	75	human activities, traffic, bird	Not Observed
					62.7	66.1	52.3						
					63.5	68.1	53.4						
					62.6	64.9	53.0						
					63.9	68.5	51.7						
					66.0	70.8	52.7						
9/4/2025	Cloudy	Calm	10:10	10:40	65.1	69.7	52.0	66	3	69	75	Traffic,Birds, Housing construction, 10:31 school bell	Not Observed
					66.0	69.6	55.4						
					67.1	71.4	54.6						
					65.8	70.2	54.6						
					67.1	71.3	52.7						
					63.8	67.4	52.3						
16/4/2025	Sunny	Calm	10:55	11:25	64.7	69.3	47.0	66	3	69	75	human activities, traffic, bird, house construction works	Not observed
					65.6	69.3	45.4						
					67.2	70.2	49.2						
					64.9	69.7	44.8						
					66.8	70.7	49.5						
					68.1	71.3	53.6						
22/4/2025	Sunny	Calm	12:30	13:00	63.3	68.0	53.3	65	3	68	75	Human activities, water spraying, traffic, House construction, Birds	Not observed
					66.2	70.4	55.1						
					65.0	69.6	54.2						
					66.8	69.8	56.5						
					64.3	69.2	51.8						
					63.8	67.9	53.0						
28/4/2025	Sunny	Calm	12:44	13:14	66.3	70.4	51.7	66	3	69	75	Human activities, traffic, Birds, school bell	Not observed
					62.2	65.5	51.8						
					66.1	68.9	55.8						
					64.6	68.6	53.9						
					64.7	69.0	54.6						
					67.2	72.0	52.3						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Sunny	Calm	13:44	14:14	68.1	71.6	47.4	68	3	71	75	birds, traffic	Not Observed
					68.2	70.9	50.5						
					67.4	70.5	50.2						
					67.5	72.2	50.1						
					67.0	70.5	48.3						
					67.4	72.2	48.1						
16/5/2025	Sunny	Calm	11:30	12:00	65.5	69.1	53.2	67	3	70	75	traffic, human activity	observed from other project
					71.1	71.1	54.5						
					66.7	69.1	51.7						
					65.2	67.7	51.5						
					64.0	66.2	49.8						
					62.4	67.6	52.0						
22/5/2025	Sunny	Calm	13:57	14:27	63.6	66.5	53.7	65	3	68	75	traffic	Not Observed
					67.0	70.5	53.4						
					63.9	67.3	53.8						
					63.3	68.1	52.4						
					65.0	68.9	53.8						
					64.4	69.3	52.8						
28/5/2025	Cloudy	Calm	11:42	12:12	67.5	69.1	51.9	66	3	69	75	birds, traffic, human activity	Not Observed
					64.5	69.7	50.6						
					66.9	71.3	53.2						
					63.7	67.0	51.1						
					64.2	68.5	50.6						
					64.6	68.6	50.4						

Remake:

1. Numerical values are rounded to integer.



Location Ref Location Name Level Type of Measurement
N13 Pui O San Wai Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	Calm	11:20	11:50	64.3	69.0	52.7	66	3	69	75	birds, human activities, traffic, school bell	Not Observed
					61.6	64.4	51.8						
					68.5	70.4	51.8						
					65.3	68.1	56.0						
					67.8	70.0	58.1						
9/6/2025	Sunny	Calm	11:35	12:05	65.7	70.2	52.5	66	3	69	75	Human activity, Traffic	Not Observed
					67.4	70.6	54.6						
					66.4	69.2	59.8						
					64.4	68.1	57.4						
					65.7	68.7	57.2						
20/6/2025	Sunny	Calm	13:07	13:37	66.5	69.9	57.7	66	3	69	75	birds, traffic, human activities	Not Observed
					65.7	68.9	57.8						
					66.6	70.2	57.0						
					63.0	67.8	55.8						
					66.6	70.9	53.7						
26/6/2025	Cloudy	Calm	10:55	11:25	64.3	68.1	55.8	66	3	69	75	traffic, renovation, human activities, birds	Not Observed
					64.6	68.3	56.2						
					66.4	69.8	59.4						
					64.7	69.3	47.0						
					65.6	69.3	45.4						
30/6/2025	Cloudy	Calm	11:34	12:04	67.2	70.2	49.2	66	3	69	75	Human activity, Traffic, Helicopter bell ring, kid yelling	Not Observed
					64.9	69.7	44.8						
					66.8	70.7	49.5						
					68.1	71.3	53.6						
					66.3	69.8	55.1						
					65.5	70.4	54.1						
					65.5	68.7	55.7						
					66.4	69.3	55.3						
					63.4	66.8	55.7						
					67.8	69.1	53.0						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	15:10	15:40	65.3	69.4	50.2	70	3	73	75	Human activity, traffic, dog bark	Observed from our project (Car parking near school)
					67.0	67.4	51.4						
					67.1	71.3	53.7						
					75.3	79.0	56.7						
					64.7	68.2	51.8						
					69.6	70.2	53.0						
18/7/2025	Cloudy	Calm	11:25	11:55	68.7	71.1	57.3	67	3	70	75	Human activity, Traffic	Construction noise from our project (Work site near school)
					66.6	70.7	57.9						
					66.7	70.9	54.9						
					66.5	70.5	53.1						
					64.5	69.0	51.9						
					66.3	70.5	54.7						
24/7/2025	Cloudy	Calm	14:55	15:25	66.2	70.0	54.4	68	3	71	75	Human activity, Traffic, Bird	Not observed
					64.7	69.7	54.5						
					63.6	66.9	55.1						
					70.7	70.8	55.4						
					68.3	71.8	61.3						
					68.3	69.7	56.7						
30/7/2025	Sunny	Calm	11:38	12:08	65.2	69.9	51.9	67	3	70	75	Human activity, Traffic, Dog bark	Not observed
					63.0	67.9	52.6						
					62.1	66.1	52.5						
					63.9	66.1	52.9						
					71.0	71.0	53.0						
					66.7	70.0	55.1						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
8/8/2025	Sunny	Calm	14:10	14:40	66.0	69.3	61.3	66	3	69	75	Human activity, traffic	Observed from our project (Car parking near school)
					64.9	68.2	60.5						
					66.1	69.0	60.7						
					64.7	68.0	59.8						
					65.6	69.2	60.5						
					68.8	71.2	61.8						
11/8/2025	Sunny	Calm	15:11	15:41	65.5	67.5	60.8	66	3	69	75	Human activity, Traffic	Not observed
					65.3	68.3	60.8						
					66.9	69.9	61.2						
					66.7	69.6	61.5						
					66.5	69.3	61.2						
					65.8	69.3	60.8						
22/8/2025	Sunny	Calm	13:54	14:24	66.0	69.1	62.4	67	3	70	75	Human activity, Traffic, Helicopter	Engine sound from the work site in front of public toilet
					68.0	72.0	62.7						
					65.4	68.6	62.0						
					68.0	71.0	63.1						
					67.6	70.9	63.2						
					68.3	72.1	63.3						
28/8/2025	Cloudy	Calm	12:08	12:38	65.5	69.1	55.0	67	3	70	75	Human activity, Traffic	Not observed
					62.8	67.3	54.8						
					64.3	69.1	55.1						
					63.8	68.0	55.5						
					71.6	71.1	54.5						
					63.8	66.5	54.9						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/9/2025	Sunny	Calm	13:27	13:57	67.6	70.9	60.3	66	3	69	75	Human activity, traffic	Observed from our project (Car parking near school)
					67.2	70.8	58.6						
					65.0	68.5	54.7						
					61.1	64.4	54.1						
					64.5	67.6	56.0						
					67.2	70.9	58.5						
9/9/2025	Sunny	Calm	15:39	16:09	64.8	69.2	54.9	65	3	68	75	Human activity, traffic, birds	Not Observed
					66.6	70.5	54.2						
					66.9	70.7	55.0						
					62.7	65.8	53.1						
					63.4	68.2	54.5						
					66.4	71.4	54.1						
15/9/2025	Sunny	Calm	11:39	12:09	66.3	69.9	56.9	66	3	69	75	traffic, bird, human activity, school activities	Not Observed
					66.8	69.3	55.9						
					65.7	69.5	53.8						
					65.4	68.4	53.9						
					67.4	70.2	53.3						
					65.0	69.7	53.9						
26/9/2025	Sunny	Calm	15:25	15:55	58.8	59.9	47.7	59	3	62	75	traffic, bird, human activity, school activities	Not Observed
					57.2	61.0	49.5						
					59.0	62.2	48.8						
					60.0	62.6	49.6						
					58.4	62.1	48.7						
					58.5	62.5	47.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N13 Pui O San Wai Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Fine	Calm	15:18	15:48	70.8	72.5	58.6	67	3	70	75	Traffic, human activities , bird	Not observed
					66.9	70.3	55.6						
					63.4	67.2	51.9						
					66.6	70.8	53.0						
					67.4	72.1	50.9						
					63.4	67.4	49.8						
9/10/2025	Sunny	Calm	11:15	11:45	66.0	71.1	53.1	65	3	68	75	Traffic, human activities , bird	Not observed
					62.7	65.4	52.8						
					64.3	68.0	52.8						
					66.8	69.9	53.4						
					64.9	68.9	55.1						
					66.6	69.2	53.7						
15/10/2025	Sunny	Calm	12:45	13:15	65.4	70.7	53.3	65	3	68	75	Traffic, human activities , bird	Not observed
					62.9	66.7	53.3						
					65.7	70.5	53.0						
					65.5	69.6	53.6						
					64.4	69.5	50.9						
					67.4	71.5	54.8						
23/10/2025	Cloudy	Calm	13:31	14:01	67.6	70.2	50.1	66	3	69	75	Birds, human activities , traffic, school bell	Not observed
					63.9	67.7	53.9						
					67.2	71.1	54.7						
					63.5	68.9	52.4						
					67.3	71.2	55.8						
					63.6	66.8	56.8						
31/10/2025	Sunny	Calm	11:32	12:02	66.7	69.5	50.4	66	3	69	75	Birds, traffic, human activity	Not observed
					65.0	69.4	49.7						
					67.9	71.8	48.9						
					65.9	68.8	48.6						
					63.3	67.3	48.2						
					62.7	65.8	48.6						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	12:57	13:27	66.9	72.8	56.8	63	3	66	75	birds, traffic , human activity	Not observed
					61.1	63.3	53.7						
					67.4	69.7	54.4						
					55.4	56.4	54.0						
					56.1	56.9	54.3						
					55.5	56.7	53.8						
13/11/2025	Cloudy	Calm	16:10	16:40	67.0	70.2	51.6	65	3	68	75	traffic , human activity	Not observed
					65.0	68.2	49.2						
					64.4	68.4	48.8						
					65.2	69.8	50.1						
					64.5	68.2	49.2						
					64.3	69.0	51.7						
18/11/2025	Sunny	Calm	14:53	15:23	69.3	73.8	55.0	69	3	72	75	traffic , human activity	Yes
					67.7	71.3	56.5						
					66.6	70.1	55.7						
					68.5	71.7	59.0						
					71.5	76.6	59.0						
					68.2	71.5	58.3						
25/11/2025	Sunny	Calm	12:39	13:09	67.2	70.1	52.5	65	3	68	75	traffic , human activity, school bell	Not observed
					67.2	70.4	53.7						
					63.9	68.1	52.8						
					63.2	66.8	50.3						
					62.4	66.0	50.7						
					64.6	69.3	51.3						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref Location Name Level Type of Measurement
Location N13 Pui O San Wai Tsuen G/F Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	12:10	12:40	61.7	65.6	51.5	65	3	68	75	Traffic , human activity, school bell	Not observed
					65.4	69.2	51.3						
					66.7	71.3	51.0						
					64.5	69.5	51.7						
					65.0	68.7	52.6						
					65.9	70.3	52.8						
11/12/2025	Cloudy	Calm	17:02	17:32	68.2	71.8	54.7	66	3	69	75	Traffic , human activity, birds	Not observed
					66.1	69.1	50.5						
					66.0	69.0	50.6						
					66.8	69.4	52.5						
					66.0	71.1	52.1						
					63.0	66.9	50.8						
18/12/2025	Sunny	Calm	10:56	11:26	66.6	69.5	55.2	66	3	69	75	Traffic , human activity, birds	Not observed
					65.3	68.9	56.0						
					65.2	68.8	55.4						
					68.1	71.4	55.4						
					64.9	68.3	54.7						
					67.5	70.1	55.1						
24/12/2025	Cloudy	Calm	10:45	11:15	65.5	69.8	52.7	66	3	69	75	Traffic , human activity, birds	Not observed
					65.0	68.2	51.5						
					66.0	70.1	50.9						
					66.7	70.9	51.3						
					67.2	69.8	50.3						
					65.6	69.4	49.7						
30/12/2025	Sunny	Calm	10:45	11:15	66.8	70.7	55.2	67	3	70	75	Traffic , human activity, birds	Not observed
					66.6	70.8	56.5						
					66.5	69.9	53.8						
					66.2	70.8	54.2						
					65.6	69.7	52.8						
					67.2	71.5	51.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N13	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	10:48	11:18	65.7	68.7	61.6	68	3	71	75	Traffic , human activity, school bell	Not observed
					69.1	72.4	63.5						
					67.9	69.5	63.9						
					69.0	71.8	63.7						
					69.1	72.1	64.4						
					68.6	72.5	60.2						
16/1/2026	Sunny	Calm	11:10	11:40	68.9	73.2	57.0	68	3	71	75	Traffic , human activity, dog bark, school bell	Not observed
					67.5	71.9	52.0						
					65.7	69.8	51.4						
					65.4	69.4	53.2						
					65.7	69.3	53.5						
					69.8	70.8	52.1						
23/1/2026	Cloudy	Calm	14:38	15:08	70.0	72.3	54.6	69	3	72	75	Traffic, human activity, birds	Not observed
					67.2	70.5	58.2						
					67.9	71.0	58.8						
					67.9	71.3	59.5						
					69.2	72.5	60.7						
					68.2	71.1	59.7						
28/1/2026	Cloudy	Calm	11:26	11:56	66.0	69.4	53.5	67	3	70	75	Traffic, human activity, birds	Not observed
					66.2	70.0	54.3						
					69.3	72.6	54.6						
					65.5	69.2	56.4						
					67.6	69.5	49.7						
					64.6	65.9	43.9						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	Pui O San Wai Tsuen	G/F	Free-field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	15:02	15:32	60.1	61.6	52.2	59	3	62	75	Human activities, traffic	Not observed
					58.7	62.9	50.2						
					56.0	58.8	50.4						
					54.6	57.2	49.4						
					63.4	66.0	49.6						
					55.7	57.9	49.5						
15/2/2025	Fine	Calm	12:55	13:25	62.2	62.7	58.3	62	3	65	75	Bird, traffic	Water pump
					63.0	62.8	58.2						
					59.8	60.1	58.4						
					61.9	63.1	58.5						
					60.1	61.7	58.5						
					61.1	61.2	58.5						
19/2/2025	Fine	Calm	12:02	12:32	60.4	59.0	44.1	58	3	61	75	Bird, traffic	Not observed
					57.2	58.8	43.0						
					61.1	62.9	42.9						
					50.9	51.5	42.3						
					54.5	56.2	44.3						
					51.3	53.2	44.3						
25/2/2025	Fine	Calm	16:09	16:39	57.7	58.1	44.4	56	3	59	75	Human activities, birds, traffic, cows	Not observed
					51.7	55.1	45.7						
					59.8	60.2	46.9						
					55.8	59.3	45.9						
					55.7	55.5	43.4						
					50.4	52.7	45.5						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/3/2025	fine	calm	16:09	16:39	54.9	58.9	47.7	57	--	57	75	birds, human activities, traffic, hammering noise	excavation
					57.4	61.7	48.4						
					58.0	61.1	50.4						
					54.9	57.5	47.6						
					57.0	60.6	48.8						
					57.1	61.0	47.3						
15/3/2025	Sunny	Calm	10:57	11:27	55.0	56.0	48.6	58	--	58	75	traffic, human activities, bird, construction noise from other project	Not Observed
					48.7	50.2	47.2						
					60.3	62.6	48.9						
					55.8	58.1	47.0						
					54.2	57.0	45.8						
					62.6	66.8	45.5						
22/3/2025	Sunny	Calm	12:48	13:18	50.5	54.9	42.6	56	--	56	75	birds, traffic	Not Observed
					53.2	55.7	44.3						
					55.2	60.0	42.9						
					59.4	59.8	44.7						
					53.8	57.3	43.8						
					56.7	57.7	44.1						
28/3/2025	Sunny	Calm	11:39	12:09	55.4	59.5	48.1	53	--	53	75	birds, traffic, human activities	Not Observed
					53.5	57.0	45.9						
					54.6	57.1	45.5						
					48.9	52.1	42.3						
					51.5	53.6	43.8						
					51.0	52.4	43.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N14 South Lantau Community G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			[1] Leq30mins	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
2/4/2025	Sunny	Calm	11:42	12:12	51.3	53.7	41.1	56	--	56	75	human activities, traffic, bird	Not Observed
					50.7	53.2	41.2						
					52.9	56.2	40.6						
					55.0	55.1	40.9						
					47.9	50.7	41.0						
					61.7	60.3	42.4						
8/4/2025	Cloudy	Calm	11:36	12:06	51.1	54.1	41.0	51	--	51	75	human activities, traffic, bird, house construction work, school	Not Observed
					53.3	59.0	41.8						
					54.0	56.6	39.4						
					47.5	49.8	40.2						
					49.1	52.1	42.0						
					49.1	49.6	40.6						
15/4/2025	Sunny	Calm	15:17	15:47	57.6	60.9	43.8	56	--	56	75	human activities, traffic, bird, other construction	Not Observed
					53.4	57.3	43.8						
					52.0	56.0	45.5						
					53.9	57.6	45.0						
					60.3	61.7	43.7						
					52.2	56.2	43.2						
22/4/2025	Sunny	Calm	11:20	11:50	54.4	58.3	45.3	55	--	55	75	Human activities, traffic	Not Observed
					57.3	60.4	45.1						
					55.2	60.4	44.9						
					53.6	57.7	44.9						
					53.9	57.4	46.1						
					52.8	57.1	45.0						
28/4/2025	Sunny	Calm	11:33	12:03	51.8	55.6	44.9	54	--	54	75	Human activities, traffic	Not Observed
					52.5	55.1	46.2						
					49.4	50.3	44.8						
					54.1	57.2	43.0						
					51.9	55.9	43.4						
					58.3	58.1	44.1						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Sunny	Calm	12:25	12:55	56.4	59.4	48.1	58	--	58	75	birds, human activities, traffic, chain saw noise from garden	Not Observed
					59.7	61.1	51.3						
					56.9	59.1	50.2						
					58.1	60.3	51.9						
					59.5	61.1	52.5						
					56.9	58.1	49.4						
16/5/2025	Sunny	Calm	14:02	14:32	57.0	59.7	52.9	57	--	57	75	traffic	observed from pumping house site
					56.8	59.8	52.1						
					58.7	62.1	51.7						
					57.6	60.0	51.2						
					54.3	58.0	48.7						
					53.8	57.6	47.6						
22/5/2025	Sunny	Calm	12:44	13:14	56.9	59.3	53.4	57	--	57	75	helicopter, bell ring, insect, traffic	Not Observed
					57.2	61.4	50.6						
					55.0	57.3	52.4						
					58.5	60.0	50.8						
					55.5	57.5	50.5						
					58.4	59.8	50.7						
28/5/2025	Cloudy	Calm	12:54	13:24	54.1	57.5	46.7	57	--	57	75	birds, traffic	Not Observed
					57.7	61.9	47.6						
					61.1	63.6	50.4						
					54.0	56.3	48.3						
					54.9	57.7	48.5						
					57.0	59.5	51.1						

Remake:

- Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N14 South Lantau Community G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	Calm	12:31	13:01	62.8	65.8	57.4	62	--	62	75	birds, traffic, human activities	Not Observed
					64.3	65.0	63.0						
					62.9	56.0	60.8						
					58.5	59.9	57.0						
					58.1	58.3	57.1						
9/6/2025	Sunny	Calm	12:48	13:18	59.7	61.9	51.3	58	--	58	75	Human activity, Traffic, Insect	Not Observed
					57.4	61.5	47.5						
					55.2	58.0	48.7						
					58.5	63.3	50.4						
					58.1	62.3	54.1						
20/6/2025	Sunny	Calm	11:06	11:36	59.7	63.6	55.2	61	--	61	75	traffic, human activity	Not Observed
					56.5	60.3	49.8						
					59.6	64.4	50.0						
					62.3	66.2	51.6						
					62.5	65.5	57.1						
26/6/2025	Sunny	Calm	17:20	17:50	63.8	66.4	58.4	55	--	55	75	birds, human activities, traffic	Not Observed
					57.3	59.7	52.2						
					53.9	57.6	45.0						
					57.3	60.4	45.1						
					55.2	60.4	44.9						
30/6/2025	Sunny	Calm	12:48	13:18	53.6	57.7	44.9	60	--	60	75	human activities, traffic	Not Observed
					53.9	57.4	46.1						
					52.8	57.1	45.0						
					55.4	56.6	52.4						
					59.6	62.2	52.4						
					58.7	60.0	52.3						
					59.5	61.4	53.3						
					62.8	64.5	61.1						
					60.6	62.5	57.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	13:55	14:25	58.1	58.9	51.8	56	--	56	75	Human activity, traffic	Not observed
					57.0	60.4	48.8						
					56.2	56.0	45.3						
					56.0	59.9	47.6						
					54.3	57.6	44.5						
					56.2	58.9	44.6						
19/7/2025	Cloudy	Calm	14:19	14:49	57.1	60.2	48.8	58	--	58	75	Human activity, Traffic	Not observed
					53.8	55.3	44.0						
					59.2	63.0	44.9						
					58.4	62.1	48.5						
					59.9	63.4	48.3						
					58.8	63.8	46.3						
24/7/2025	Sunny	Calm	13:34	14:04	53.2	55.8	41.9	54	--	54	75	Human activity, Traffic	Not observed
					50.8	53.6	43.6						
					57.1	59.9	42.2						
					53.0	55.4	42.6						
					50.7	52.3	44.1						
					52.8	56.8	43.1						
30/7/2025	Cloudy	Calm	14:43	15:13	56.3	59.8	47.2	61	--	61	75	Human activity, Traffic, Lifting operations	Not observed
					58.6	62.5	46.2						
					64.1	64.2	46.4						
					55.7	60.8	46.6						
					64.1	64.3	48.6						
					60.2	62.3	55.8						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/8/2025	Sunny	Calm	16:44	17:14	60.4	62.8	57.4	61	--	61	75	Traffic, Human activities	Air conditioning from Site Booth
					59.0	59.7	57.3						
					59.6	56.0	57.4						
					63.3	64.3	57.4						
					59.3	60.5	57.2						
					61.6	62.7	57.2						
11/8/2025	Sunny	Calm	13:58	14:28	62.1	62.4	61.2	62	--	62	75	Human activity, Traffic	Not observed
					61.5	61.9	61.2						
					61.6	62.2	61.0						
					62.0	63.7	60.9						
					64.0	65.9	60.9						
					62.5	62.8	61.8						
22/8/2025	Sunny	Calm	10:53	11:23	61.9	63.1	60.8	63	--	63	75	Human activity, Traffic	Not observed
					63.6	63.5	60.6						
					61.7	62.8	60.7						
					63.3	62.3	61.0						
					62.3	63.2	61.0						
					65.4	62.3	57.1						
28/8/2025	Cloudy	Calm	15:06	15:36	61.4	61.6	60.9	62	--	62	75	Human activity, Traffic	Not observed
					61.6	62.2	61.0						
					61.6	61.6	61.0						
					61.3	61.6	61.0						
					63.0	62.5	61.1						
					61.6	62.2	61.1						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/9/2025	Sunny	Calm	12:07	12:37	60.6	62.9	56.0	59	--	59	75	Traffic, Human activities	Air conditioning from Site Booth
					59.3	59.3	56.1						
					58.3	56.0	56.1						
					58.7	61.0	56.3						
					57.3	58.2	56.5						
					58.1	58.5	56.4						
10/9/2025	Sunny	Calm	10:55	11:25	58.6	61.3	55.6	59	--	59	75	Traffic, Human activities	Not Observed
					60.1	63.2	55.8						
					59.5	62.6	56.0						
					57.8	59.8	56.0						
					56.3	56.8	55.7						
					58.9	61.7	55.9						
16/9/2025	Sunny	Calm	12:00	12:30	59.7	61.7	56.6	60	--	60	75	Traffic, Human activities	Not Observed
					62.8	62.6	56.1						
					57.3	58.4	56.1						
					57.4	59.4	56.2						
					60.2	62.7	56.3						
					60.0	62.0	56.4						
26/9/2025	Sunny	Calm	14:51	15:21	50.2	51.0	38.1	51	--	51	75	Traffic, Human activities	Not Observed
					47.4	48.5	36.4						
					51.4	53.8	37.6						
					48.3	52.4	38.5						
					53.4	53.0	38.0						
					50.3	52.7	42.5						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N14 South Lantau Community G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Sunny	Light	11:39	12:09	52.4	54.5	42.2	55	--	55	75	Traffic, human activities	Not observed
					58.5	57.4	43.4						
					49.8	56.0	37.4						
					49.2	47.8	38.8						
					57.7	53.8	39.7						
					54.9	55.4	40.5						
9/10/2025	Sunny	Calm	12:30	13:00	58.1	56.4	42.8	55	--	55	75	Traffic, human activities	Not observed
					49.5	52.8	41.9						
					47.6	50.6	39.8						
					58.7	60.6	45.4						
					55.3	58.8	46.3						
					52.0	56.0	43.2						
15/10/2025	Sunny	Calm	11:34	12:04	56.9	56.1	46.3	56	--	56	75	Traffic, human activities	Not observed
					53.0	56.8	41.9						
					52.4	56.4	43.4						
					56.9	61.5	42.4						
					56.9	59.9	39.9						
					56.9	60.1	43.3						
23/10/2025	Cloudy	Calm	11:32	12:02	59.3	61.0	56.0	63	--	63	75	Birds, traffic , human activity	Not observed
					60.3	62.5	55.9						
					57.2	58.8	54.8						
					62.0	65.0	55.9						
					65.6	67.8	58.0						
					65.9	69.5	48.9						
31/10/2025	Cloudy	Calm	12:42	13:12	54.6	58.9	42.0	54	--	54	75	Human activity, traffic	Not observed
					51.2	55.1	43.8						
					54.4	58.8	43.8						
					52.4	57.9	45.1						
					51.6	53.8	42.8						
					57.2	58.6	43.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	14:06	14:36	54.9	57.2	48.8	57	--	57	75	human activities, traffic, birds	Not observed
					55.5	58.9	48.0						
					53.0	56.0	48.0						
					58.4	59.9	48.1						
					56.2	57.7	48.2						
					58.7	61.7	49.0						
15/11/2025	Fine	Calm	15:32	16:02	61.1	62.5	43.7	61	--	61	75	Bird, Human Activities, Traffic	Not observed
					65.8	61.8	44.8						
					58.2	59.9	41.8						
					53.7	55.5	44.5						
					54.5	57.5	45.2						
					57.1	60.5	43.6						
18/11/2025	Cloudy	Calm	15:32	16:02	56.7	59.8	50.9	58	--	58	75	human activities, birds	Not observed
					59.6	60.8	51.0						
					58.0	61.3	50.9						
					55.9	59.6	49.9						
					58.1	62.6	51.6						
					57.0	60.4	51.1						
25/11/2025	Sunny	Calm	13:44	14:14	54.7	58.1	48.8	57	--	57	75	human activity, birds	Not observed
					57.0	60.0	50.5						
					55.0	58.5	49.5						
					59.5	62.5	51.0						
					55.0	58.2	48.9						
					55.3	59.5	49.2						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N14 South Lantau Community G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Sunny	Calm	12:57	13:27	51.0	52.7	47.4	56	--	56	75	Human activity, traffic, birds	Not observed
					50.5	52.9	47.6						
					52.1	56.0	48.1						
					50.6	52.8	48.1						
					53.8	56.9	48.1						
					62.2	64.9	56.8						
12/12/2025	Sunny	Calm	12:09	12:39	56.1	58.7	45.7	56	--	56	75	Human activity, traffic, birds	Not observed
					55.2	58.5	45.0						
					55.5	58.3	45.8						
					58.5	63.6	44.7						
					52.7	57.1	44.4						
					54.3	56.5	46.0						
18/12/2025	Sunny	Calm	11:56	12:26	54.9	56.9	44.3	56	--	56	75	Traffic, human activity, dog bark	Not observed
					52.7	55.8	42.4						
					60.1	65.2	41.0						
					50.5	53.4	39.0						
					54.8	59.7	41.1						
					53.6	56.9	42.2						
23/12/2025	Cloudy	Calm	13:09	13:39	54.3	58.7	45.3	55	--	55	75	Traffic, human activity, birds	Not observed
					53.1	57.9	43.7						
					57.6	61.6	46.0						
					52.9	57.3	43.7						
					55.8	59.0	45.2						
					56.7	59.3	45.3						
30/12/2025	Sunny	Calm	12:40	13:10	53.0	55.2	41.6	57	--	57	75	Traffic, human activity, birds	Not observed
					51.0	52.5	43.6						
					61.7	60.7	44.0						
					56.5	58.1	43.0						
					52.8	54.8	40.4						
					54.8	58.0	39.1						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N14	South Lantau Community G/F		Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	13:05	13:35	59.6	55.5	45.0	55	--	55	75	Human activity, traffic, birds	Not observed
					56.5	58.4	45.0						
					49.7	56.0	42.3						
					53.5	56.8	44.3						
					52.8	54.1	45.6						
					49.0	52.3	43.9						
16/1/2026	Sunny	Calm	13:25	13:55	66.7	70.4	54.1	67	--	67	75	Human activity, traffic, birds	Concrete breaking by Excavator from Electricity Supply Improvement
					66.0	69.5	53.1						
					66.6	67.7	59.4						
					66.2	69.3	61.2						
					67.8	71.5	61.5						
					65.2	68.3	61.3						
23/1/2026	Cloudy	Calm	11:21	11:51	62.1	63.5	53.0	60	--	60	75	Traffic, human activity, birds	Pumping
					56.7	58.8	52.1						
					58.0	60.3	52.5						
					60.4	61.3	59.7						
					61.5	61.9	60.1						
					60.9	61.9	60.1						
28/1/2026	Cloudy	Calm	10:20	10:50	56.7	60.0	42.1	55	--	55	75	Traffic, human activity, birds	Not observed
					51.9	55.9	40.6						
					53.4	56.5	42.8						
					52.3	56.5	43.7						
					57.4	61.5	48.1						
					53.2	54.4	44.5						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	15:47	16:17	62.3	65.8	55.3	65	--	65	75	Traffic, helicopter	Not observed
					66.6	68.2	60.6						
					66.4	67.7	64.6						
					66.0	67.4	64.8						
					65.1	67.6	54.9						
					63.4	68.3	55.0						
15/2/2025	Fine	Calm	10:53	11:23	61.4	65.7	54.1	65	--	65	75	Traffic, cargo loading/unloading	Not observed
					62.5	65.5	54.1						
					64.5	67.8	55.1						
					67.2	70.5	60.9						
					66.7	69.3	63.7						
					66.3	68.4	63.6						
20/2/2025	Sunny	Calm	12:42	13:12	61.6	65.6	54.5	62	--	62	75	Traffic, workshop, birds	Not observed
					61.8	65.0	54.4						
					61.4	66.2	54.8						
					60.9	64.3	54.7						
					63.0	68.8	54.5						
					62.6	66.6	54.2						
25/2/2025	Cloudy	Calm	12:57	13:27	61.9	64.9	54.3	62	--	62	75	Construction noise from nearby road works, human activities, dog barks, traffic	Not observed
					62.7	65.0	54.5						
					61.2	64.7	54.6						
					62.6	65.6	54.8						
					60.4	65.0	54.5						
					60.6	64.3	54.7						

Remake:

- Numerical values are rounded to integer.



Ref: N15b
Location: Pui O Lo Wai Tsuen
Level: G/F
Type of Measurement: Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/3/2025	cloudy	calm	10:04	10:34	66.2	68.0	59.4	63	--	63	75	traffic, human activities, birds	Not Observed
					60.5	64.2	56.7						
					65.1	65.6	56.6						
					63.6	66.6	55.3						
					61.5	64.9	55.0						
					58.0	60.3	54.6						
15/3/2025	Sunny	calm	12:58	13:28	60.8	63.1	55.9	63	--	63	75	bird, human activities, traffic, construction works from other project	Not Observed
					61.1	63.5	56.9						
					61.3	64.0	58.0						
					61.5	64.2	57.9						
					64.2	66.8	58.3						
					64.9	68.4	57.8						
22/3/2025	Sunny	Calm	13:33	14:03	60.9	64.7	55.1	62	--	62	75	Brids, Traffic	Not Observed
					63.5	67.3	55.5						
					60.3	63.3	54.8						
					61.3	64.4	55.7						
					62.5	65.5	56.0						
					63.4	66.1	55.9						
28/3/2025	Sunny	Calm	14:20	14:50	60.0	63.0	55.5	63	--	63	75	Brids, Traffic, human activities	Not Observed
					65.4	69.1	55.6						
					63.1	65.2	55.9						
					60.2	63.9	54.8						
					62.9	67.3	55.2						
					61.3	65.4	55.1						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N15b Pui O Lo Wai Tsuen G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/4/2025	sunny	calm	09:55	10:25	65.3	68.3	56.1	63	--	63	75	human activities, traffic, bird	Not Observed
					62.4	65.6	56.1						
					66.2	70.6	57.1						
					60.2	64.4	54.8						
					58.8	62.5	54.6						
					62.5	65.3	56.3						
9/4/2025	Sunny	calm	10:48	11:18	60.9	63.6	55.3	61	--	61	75	Traffic, House Construction work, Human activities, sweeping, Car repair, Birds	Not Observed
					60.4	62.7	55.3						
					60.9	62.8	54.8						
					61.2	65.6	55.0						
					62.7	67.6	55.3						
					61.2	65.4	54.4						
15/4/2025	Sunny	calm	15:56	16:26	71.1	74.0	58.0	66	--	66	75	Traffic, House Construction work, Unload truck, Human activities	Not Observed
					62.7	66.1	55.4						
					62.7	65.3	56.0						
					61.7	66.8	55.3						
					64.4	68.0	55.8						
					63.0	65.7	55.8						
22/4/2025	Sunny	calm	15:32	16:02	66.6	69.5	62.2	64	--	64	75	Human activities, Birds, Traffic, Trucks	Not Observed
					62.7	65.1	55.3						
					61.5	62.6	55.6						
					61.7	64.9	55.6						
					64.7	68.4	56.5						
					63.3	66.6	56.8						
28/4/2025	Sunny	calm	13:20	13:50	60.7	63.8	55.6	63	--	63	75	Human activities, Birds, Traffic	Not Observed
					63.4	67.1	55.6						
					60.7	63.7	55.5						
					61.1	63.5	55.8						
					64.6	67.4	56.6						
					63.9	66.8	57.0						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Cloudy	calm	13:05	13:35	60.7	63.6	53.9	63	--	63	75	birds, traffic, loading unloading works	Not Observed
					61.9	65.4	53.9						
					59.0	62.6	53.8						
					64.6	70.1	56.0						
					61.3	64.2	54.8						
					65.4	67.4	63.5						
16/5/2025	Sunny	calm	10:51	11:21	63.8	65.1	54.9	64	--	64	75	traffic, human activity	Not Observed
					61.0	61.8	54.5						
					62.5	66.8	53.8						
					63.1	67.5	55.1						
					65.6	71.3	55.0						
					65.3	66.6	55.4						
22/5/2025	Sunny	calm	10:52	11:22	62.6	65.6	54.9	64	--	64	75	human activity, traffic	Not Observed
					63.3	66.7	56.2						
					63.7	67.4	59.6						
					65.4	68.3	59.4						
					63.2	67.3	57.1						
					64.8	66.6	62.5						
28/5/2025	Cloudy	calm	14:45	15:15	60.1	63.0	53.8	62	--	62	75	birds, human activity	Not Observed
					60.4	62.2	54.8						
					61.6	65.7	56.1						
					63.3	67.2	55.4						
					63.2	67.2	54.4						
					59.0	61.9	53.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N15b Pui O Lo Wai Tsuen G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	calm	14:19	14:49	62.5	67.2	56.2	64	--	64	75	birds, traffic, human activities	Not Observed
					62.9	65.0	56.3						
					65.8	68.8	62.2						
					64.6	67.0	61.7						
					63.8	65.8	61.2						
					63.0	65.2	59.9						
9/6/2025	Sunny	Calm	14:40	15:10	61.9	63.3	57.6	67	--	67	75	Human activity, Traffic	Not Observed
					64.6	68.0	58.3						
					68.3	72.1	62.3						
					70.1	74.5	65.3						
					65.9	69.4	61.8						
					63.8	67.0	59.9						
20/6/2025	Cloudy	Calm	14:19	14:49	62.1	65.1	55.8	62	--	62	75	human activities, traffic	Not Observed
					60.4	64.2	55.2						
					63.6	67.2	55.4						
					60.2	64.9	54.5						
					62.7	64.7	55.2						
					60.7	62.7	54.8						
26/6/2025	Cloudy	Calm	10:04	10:34	66.2	68.0	59.4	63	--	63	75	traffic, human activities, birds	Not Observed
					60.5	64.2	56.7						
					65.1	65.6	56.6						
					63.6	66.6	55.3						
					61.5	64.9	55.0						
					58.0	60.3	54.6						
30/6/2025	Sunny	Calm	14:43	15:13	62.4	65.4	57.6	65	--	65	75	traffic, human activities	Not Observed
					62.5	65.9	55.4						
					64.4	67.4	55.1						
					66.7	70.0	62.4						
					63.5	66.3	60.4						
					66.5	68.7	61.5						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	12:04	12:34	63.7	64.7	62.4	63	--	63	75	Human activity, traffic	Not observed
					62.2	65.3	55.8						
					63.0	66.5	55.1						
					61.5	65.6	55.8						
					62.3	64.8	56.0						
					62.7	66.6	55.3						
19/7/2025	Cloudy	Calm	12:25	12:55	61.2	63.0	54.5	63	--	63	75	Human activity, Traffic	Not observed
					64.2	64.2	54.7						
					65.9	67.1	54.8						
					60.7	65.3	54.7						
					57.4	59.6	54.9						
					60.5	64.5	55.4						
24/7/2025	Sunny	Calm	11:41	12:11	66.0	66.7	62.4	66	--	66	75	Human activity, Traffic	Not observed
					64.5	66.6	62.4						
					67.6	70.2	63.1						
					66.5	70.4	60.7						
					65.4	67.8	59.4						
					61.7	64.4	55.5						
30/7/2025	Cloudy	Calm	12:50	13:20	60.8	65.1	55.2	62	--	62	75	Human activity, Traffic	Not observed
					58.0	61.2	55.2						
					59.8	63.8	55.4						
					63.4	66.9	55.9						
					61.7	65.7	56.0						
					63.9	67.0	58.0						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
8/8/2025	Sunny	Calm	13:34	14:04	62.3	65.0	55.3	64	--	64	75	Human activity, Traffic, Construction noise from other project	Not observed
					66.3	69.4	58.3						
					64.2	68.0	57.6						
					64.2	66.5	57.4						
					63.7	67.2	56.1						
					62.9	66.7	56.7						
11/8/2025	Sunny	Calm	12:06	12:36	66.7	68.8	62.9	68	--	68	75	Human activity, Traffic	Not observed
					65.0	67.2	62.4						
					65.0	66.9	62.4						
					66.1	68.5	62.3						
					69.3	72.6	62.5						
					72.6	78.6	63.5						
22/8/2025	Sunny	Calm	12:40	13:10	63.3	65.6	58.4	64	--	64	75	Human activity, Traffic	Not observed
					62.8	66.7	54.3						
					65.6	69.3	59.7						
					61.9	64.4	54.3						
					61.5	65.0	54.3						
					66.0	68.2	54.3						
28/8/2025	Cloudy	Calm	12:45	13:15	64.7	66.1	56.4	63	--	63	75	Human activity, Traffic	Not observed
					61.1	64.6	55.1						
					63.0	67.5	54.9						
					60.1	62.7	54.6						
					62.2	66.4	54.9						
					65.7	65.7	54.9						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/9/2025	Sunny	Calm	14:07	14:37	64.0	67.8	55.1	68	--	68	75	Human activity, Traffic	Not observed
					61.6	64.0	57.8						
					69.0	74.4	57.4						
					69.7	73.9	65.0						
					70.7	74.3	65.1						
					68.6	72.5	64.5						
10/9/2025	Sunny	Calm	10:16	10:46	61.0	63.7	55.4	62	--	62	75	Human activity, Traffic	Not observed
					63.3	66.7	55.4						
					62.4	65.1	56.1						
					63.2	66.4	56.1						
					62.0	65.0	56.1						
					61.6	65.7	56.1						
15/9/2025	Sunny	Calm	11:02	11:32	62.5	65.9	55.1	63	--	63	75	Traffic, human activities	Not observed
					63.5	67.0	55.7						
					63.6	67.1	55.2						
					60.9	63.4	55.1						
					61.8	64.9	55.1						
					62.7	66.2	55.4						
25/9/2025	Cloudy	Calm	15:23	15:53	63.0	66.3	55.5	62	--	62	75	Traffic, human activities	Not observed
					59.4	61.7	55.0						
					60.1	64.2	54.7						
					61.6	66.0	54.7						
					62.9	66.7	54.5						
					62.5	66.9	54.6						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N15b Pui O Lo Wai Tsuen G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Sunny	Calm	14:37	15:07	63.2	67.0	57.1	63	--	63	75	Traffic	Not observed
					64.4	66.1	61.8						
					64.1	66.6	61.5						
					62.1	65.2	55.4						
					62.0	65.9	57.6						
					63.3	67.0	54.8						
9/10/2025	Sunny	Calm	11:51	12:21	67.5	68.7	63.0	65	--	65	75	Traffic	Not observed
					65.6	67.9	61.3						
					65.3	67.3	61.0						
					65.4	67.5	60.8						
					59.4	62.3	56.5						
					63.2	67.5	56.6						
14/10/2025	Sunny	Calm	10:23	10:53	61.0	65.4	54.6	63	--	63	75	Traffic	Not observed
					62.6	65.2	54.5						
					62.6	66.4	57.8						
					63.7	66.5	57.9						
					61.8	64.1	58.1						
					65.7	70.2	56.8						
23/10/2025	Cloudy	Calm	14:06	14:36	63.4	66.6	56.1	68	--	68	75	Birds, human activities , traffic	Not observed
					68.8	70.9	66.3						
					69.5	72.7	66.0						
					69.1	70.9	66.4						
					67.7	70.8	55.4						
					63.0	66.3	52.6						
31/10/2025	Cloudy	Calm	14:29	14:59	64.1	68.6	55.8	64	--	64	75	Birds, human activities , traffic	Not observed
					63.0	67.0	56.3						
					65.1	68.9	57.6						
					63.8	67.6	55.7						
					62.4	66.8	55.4						
					62.7	66.8	55.6						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	15:49	16:19	63.2	67.2	55.2	63	--	63	75	birds, human activities, traffic	Not observed
					61.6	65.1	54.5						
					61.3	65.6	54.7						
					61.7	64.8	54.7						
					60.9	64.0	54.5						
					65.4	69.8	51.9						
13/11/2025	Cloudy	Calm	16:45	17:15	65.2	67.5	50.3	67	--	67	75	human activities, traffic	Not observed
					68.8	71.2	51.9						
					65.5	69.4	51.4						
					65.4	68.7	51.0						
					68.4	72.2	53.9						
					67.3	70.3	53.5						
20/11/2025	Cloudy	Calm	13:19	13:49	60.6	64.1	54.0	64	--	64	75	human activities, birds, traffic	Not observed
					61.7	65.1	54.4						
					60.5	65.4	53.3						
					61.0	65.5	54.1						
					61.4	65.1	53.6						
					68.7	72.5	55.9						
25/11/2025	Clear	Calm	17:13	17:43	63.5	67.7	50.5	61	--	61	75	human activities, traffic	Not observed
					59.3	63.6	49.4						
					60.1	63.9	49.8						
					59.8	64.2	49.0						
					58.2	63.1	49.4						
					60.6	63.7	49.6						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	17:00	17:30	61.5	65.3	51.1	64	--	64	75	Traffic, human activity, birds	Not observed
					59.5	64.0	50.5						
					58.5	63.8	48.2						
					66.1	70.3	49.5						
					64.8	69.4	48.6						
					67.9	72.1	56.2						
12/12/2025	Sunny	Calm	11:20	11:50	63.6	67.9	55.9	65	--	65	75	Traffic, human activity	Not observed
					62.8	66.7	56.2						
					65.3	66.7	63.8						
					66.5	68.5	63.9						
					66.4	68.3	63.5						
					64.9	66.9	63.2						
18/12/2025	Sunny	Calm	14:50	15:20	59.3	62.7	54.5	62	--	62	75	Traffic, human activity, birds	Not observed
					59.7	62.9	54.5						
					60.3	64.3	54.6						
					62.2	66.2	54.8						
					62.7	65.7	56.2						
					64.1	66.5	55.0						
23/12/2025	Cloudy	Calm	14:53	15:23	63.0	66.5	54.2	63	--	63	75	Traffic, human activity	Not observed
					63.2	65.6	54.9						
					62.9	67.2	55.0						
					63.8	66.6	55.1						
					61.5	64.9	55.0						
					64.1	69.0	54.9						
30/12/2025	Sunny	Calm	14:46	15:16	63.3	66.9	55.0	63	--	63	75	Traffic, human activity	Not observed
					63.0	66.8	56.0						
					62.7	64.4	54.4						
					63.5	67.2	56.0						
					65.3	68.9	56.2						
					60.1	64.1	54.6						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N15b	Pui O Lo Wai Tsuen	G/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Moderate	15:09	15:39	61.8	65.4	55.0	64	--	64	75	Traffic, human activity, birds	Not observed
					60.9	65.2	54.8						
					61.1	65.1	55.0						
					67.1	70.5	55.3						
					62.2	65.4	54.9						
					64.4	67.4	55.1						
16/1/2026	Sunny	Calm	15:43	16:13	61.5	65.4	54.7	64	--	64	75	Traffic, human activity	Not observed
					62.6	67.2	54.9						
					63.2	67.5	54.9						
					59.1	62.9	54.9						
					63.7	67.7	55.4						
					67.1	68.4	61.3						
22/1/2026	Cloudy	Calm	14:13	14:43	61.3	64.8	55.7	62	--	62	75	Traffic, human activity, birds	Not observed
					63.3	67.2	55.7						
					60.1	63.4	55.5						
					59.5	62.7	55.4						
					62.5	66.0	55.4						
					60.8	64.3	55.3						
28/1/2026	Cloudy	Calm	12:06	12:36	64.6	68.6	52.0	65	--	65	75	Traffic, human activity, birds	Not observed
					65.0	67.8	55.0						
					67.9	69.0	56.1						
					62.4	66.2	55.1						
					60.0	63.1	54.9						
					62.6	66.6	55.3						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref **Location Name** **Level** **Type of Measurement**
Location N16a Pui O Lo Wai Tsuen G/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	17:05	17:35	54.5	58.4	47.1	55	--	55	75	Human activities, traffic, construction noise from other project	Not Observed
					54.4	55.9	46.5						
					51.4	54.6	44.3						
					56.5	60.0	44.2						
					56.0	55.4	43.7						
					57.5	59.8	44.4						
15/2/2025	Sunny	Calm	14:13	14:43	47.4	48.3	38.6	55	--	55	75	Human activities, bird, traffic	Sheet pilling works
					47.3	47.8	40.8						
					58.9	58.8	40.9						
					50.2	52.4	39.7						
					56.6	54.5	40.6						
					55.2	57.2	41.1						
19/2/2025	Sunny	Calm	10:42	11:12	63.3	62.0	44.0	64	--	64	75	Human activities, bird, traffic	Sheet pilling works
					58.0	56.3	45.2						
					70.4	59.2	42.7						
					59.5	62.2	44.5						
					55.9	59.4	40.7						
					54.5	55.8	44.0						
25/2/2025	Fine	Calm	14:43	15:13	59.6	56.7	43.9	59	--	59	75	Renovation works, human activities, birds, traffic	Drilling and machinery noise
					53.0	55.2	44.3						
					60.7	58.6	44.1						
					52.3	52.9	44.3						
					58.0	56.9	44.3						
					60.7	59.9	44.4						

Remake:

- Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/3/2025	fine	calm	14:00	14:30	63.3	65.3	48.9	61	3	64	75	renovation, traffic, human activities, birds, helicopter	sheet piling work
					62.5	66.0	46.7						
					52.0	55.7	45.4						
					53.9	56.5	48.6						
					60.8	65.2	49.2						
					61.8	65.3	48.0						
15/3/2025	Sunny	calm	12:11	12:41	62.7	60.1	44.4	58	3	61	75	bird, traffic, human activities	Not Observed
					47.9	51.1	43.4						
					57.0	60.0	45.0						
					51.5	52.8	44.4						
					59.0	59.2	46.9						
					57.8	61.3	45.3						
22/3/2025	Sunny	Calm	12:01	12:31	58.0	59.6	42.9	60	3	63	75	birds, traffic, human activities	Not Observed
					58.2	60.7	42.5						
					56.1	52.6	41.0						
					59.2	62.4	45.4						
					61.5	60.8	43.7						
					61.3	59.2	43.1						
27/3/2025	Cloudy	calm	14:04	14:34	55.6	57.4	45.0	56	3	59	75	bird, traffic, construction works from other projects	Not Observed
					50.5	53.9	44.8						
					58.6	59.6	46.2						
					56.0	57.3	47.1						
					54.6	53.9	46.4						
					55.0	55.1	45.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16a Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/4/2025	sunny	calm	10:42	11:12	57.7	53.1	43.4	62	3	65	75	human activities, traffic, bird	Not Observed
					62.5	55.8	42.4						
					60.5	59.4	44.7						
					62.1	63.1	45.4						
					63.3	56.4	44.2						
9/4/2025	sunny	calm	12:18	12:48	63.3	61.5	44.5	57	3	60	75	Human activities, Birds, Traffic, 12:43 loud car	Not Observed
					58.8	60.7	44.1						
					55.9	59.3	43.9						
					50.5	54.4	39.9						
					58.2	56.0	43.4						
15/4/2025	sunny	calm	14:07	14:37	56.6	55.0	41.5	59	3	62	75	Human activities, Birds, Traffic, drilling	Not Observed
					54.8	60.2	42.7						
					53.1	56.5	43.4						
					61.1	63.9	46.9						
					58.2	63.1	43.3						
22/4/2025	sunny	calm	14:15	14:45	55.7	59.5	45.1	58	3	61	75	Human activities, Birds, Traffic	Not Observed
					63.1	67.6	47.7						
					56.6	58.8	42.5						
					57.8	58.7	48.0						
					57.5	61.3	47.8						
28/4/2025	cloudy	calm	10:21	10:51	54.3	58.9	45.6	60	3	63	75	Human activities, Birds, Traffic	Not Observed
					56.9	60.2	46.4						
					62.5	61.7	45.5						
					55.3	59.3	44.6						
					59.1	64.6	42.7						
					55.4	58.6	43.2						
					54.8	58.2	42.3						
					57.6	60.9	43.1						
					64.1	59.9	44.1						
					59.0	61.1	44.7						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Cloudy	calm	11:08	11:38	54.5	53.9	45.7	59	3	62	75	birds, human activities, traffic, construction works from other project	Not Observed
					61.5	61.7	46.2						
					56.1	58.6	41.5						
					58.9	59.8	44.5						
					59.6	59.2	57.4						
					58.2	58.9	52.8						
16/5/2025	Sunny	Calm	15:14	15:44	60.1	62.5	43.9	60	3	63	75	bird, traffic, human activity	Not Observed
					55.9	57.2	41.5						
					59.1	60.4	41.5						
					62.3	67.9	44.0						
					61.0	60.1	43.5						
					52.3	53.0	41.7						
22/5/2025	Sunny	Calm	12:05	12:35	63.8	64.7	62.8	61	3	64	75	bird, human activity, traffic, insect (cicada), helicopter lifting	Not Observed
					62.2	62.5	60.5						
					61.4	62.7	55.7						
					56.0	57.1	54.4						
					53.7	55.5	51.3						
					60.0	61.6	51.5						
28/5/2025	Cloudy	calm	13:33	14:03	58.1	60.4	46.1	64	3	67	75	birds, traffic	observed from other construction site
					59.1	60.8	48.9						
					59.8	62.5	52.5						
					67.2	68.1	65.0						
					66.7	67.9	64.9						
					63.5	64.9	61.7						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16a Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Sunny	Calm	13:09	13:39	57.2	57.3	53.9	64	3	67	75	birds, traffic, human activities	Not Observed
					61.1	61.7	57.5						
					63.7	65.2	61.4						
					67.2	67.9	66.2						
					66.4	67.1	64.9						
					63.7	64.8	60.9						
9/6/2025	Sunny	Calm	14:01	14:31	59.3	61.7	54.6	65	3	68	75	Human activity, Traffic, Helicopter, Construction work from pumping	Not Observed
					67.6	67.7	54.1						
					63.2	65.7	55.6						
					58.3	58.9	56.2						
					64.7	65.8	59.6						
					67.6	67.7	66.2						
20/6/2025	Cloudy	Calm	12:26	12:56	54.7	56.4	52.1	63	3	66	75	birds, traffic, human activities	Not Observed
					58.3	58.9	56.2						
					57.2	57.3	53.9						
					59.9	61.7	56.8						
					65.7	67.1	62.8						
					68.3	68.5	67.5						
26/6/2025	Sunny	Calm	14:00	14:30	63.3	65.3	58.9	61	3	64	75	birds, human activities, traffic	Not Observed
					62.5	66.0	56.7						
					52.0	55.7	45.4						
					53.9	56.5	48.6						
					60.8	65.2	49.2						
					61.8	65.3	48.0						
30/6/2025	Sunny	Calm	14:02	14:32	55.9	55.9	45.3	57	3	60	75	birds, human activities, traffic	Construction noise from other project
					53.3	54.4	46.2						
					51.1	53.7	46.4						
					55.0	55.7	46.6						
					56.4	56.4	46.0						
					61.5	61.5	50.8						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	13:17	13:47	57.9	58.8	44.0	62	3	65	75	Human activity, traffic	Not observed
					54.8	55.9	44.0						
					53.7	54.7	45.6						
					54.1	56.8	47.6						
					65.9	66.4	59.8						
					65.5	65.8	65.0						
19/7/2025	Cloudy	Calm	13:39	14:09	57.3	57.4	45.2	60	3	63	75	Human activity, Traffic	Not observed
					60.2	62.5	49.5						
					63.9	63.9	61.6						
					60.5	61.5	58.1						
					60.0	60.0	52.1						
					56.2	56.5	47.6						
24/7/2025	Sunny	Calm	12:56	13:26	53.0	54.3	51.7	63	3	66	75	Human activity, Traffic	Not observed
					59.6	60.2	47.5						
					54.7	55.0	43.4						
					62.5	62.6	43.7						
					56.5	57.4	41.7						
					68.6	68.9	43.7						
30/7/2025	Cloudy	Calm	14:02	14:32	57.7	57.7	50.3	60	3	63	75	Human activity, Traffic	Not observed
					62.7	63.1	50.6						
					57.8	57.8	49.6						
					61.2	61.2	50.7						
					58.9	58.9	50.3						
					54.3	54.5	48.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N16a Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/8/2025	Sunny	Calm	14:47	15:17	60.9	62.7	57.0	65	3	68	75	Traffic, Human activities (relocation works), Helicopter	Not Observed
					60.3	60.3	55.9						
					57.4	58.8	55.0						
					61.1	63.2	54.1						
					68.7	72.7	57.1						
					69.0	72.1	57.7						
11/8/2025	Sunny	Calm	13:18	13:48	54.8	57.7	48.8	59	3	62	75	Human activity, Traffic	Not Observed
					58.5	60.0	54.8						
					58.5	61.1	54.1						
					60.3	61.4	53.7						
					60.4	61.7	52.2						
					56.5	56.2	50.1						
22/8/2025	Sunny	Calm	12:01	12:31	53.4	53.2	41.1	55	3	58	75	Human activity, Traffic	Not Observed
					47.6	45.3	40.7						
					53.1	48.9	42.0						
					55.9	53.6	41.8						
					49.9	49.9	40.6						
					59.4	57.6	42.7						
28/8/2025	Cloudy	Calm	14:33	15:03	56.2	56.8	41.5	57	3	60	75	Human activity, Traffic	Not Observed
					57.4	54.1	42.8						
					53.8	55.3	42.1						
					60.2	58.9	41.6						
					57.0	51.4	43.0						
					56.4	59.3	45.7						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/9/2025	Sunny	Calm	10:29	10:59	50.6	52.7	43.0	55	3	58	75	traffic, bird, human activity	Not Observed
					53.7	59.1	42.5						
					59.5	57.9	42.9						
					54.8	59.3	43.6						
					50.3	52.5	42.4						
					51.2	53.4	42.8						
10/9/2025	Sunny	Calm	11:33	12:03	57.4	52.2	44.2	55	3	58	75	traffic, bird, human activity	Not Observed
					48.1	51.1	45.0						
					57.4	52.5	44.8						
					49.6	49.9	45.6						
					52.6	49.8	44.5						
					57.0	59.0	44.6						
15/9/2025	Sunny	Calm	09:52	10:22	53.8	53.7	41.8	63	3	66	75	traffic, bird, human activity	Not Observed
					66.3	60.2	42.3						
					57.8	55.6	41.4						
					58.7	54.9	42.8						
					64.8	61.0	42.8						
					64.9	64.0	42.5						
26/9/2025	Sunny	Calm	12:20	12:50	45.5	49.0	40.1	52	3	55	75	traffic, bird, human activity	Not Observed
					55.8	52.2	40.0						
					50.2	54.0	36.3						
					53.5	51.8	37.7						
					49.2	50.0	39.7						
					48.1	51.2	36.2						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16a Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Fine	Calm	12:34	13:04	50.1	47.5	37.0	57	3	60	75	Traffic	Not observed
					53.1	54.6	37.6						
					58.7	50.4	37.4						
					47.3	46.4	36.6						
					57.0	52.9	36.4						
					60.6	62.5	39.3						
10/10/2025	Cloudy	Calm	10:43	11:13	56.3	58.0	45.9	58	3	61	75	Traffic, birds, human activities	Not observed
					61.6	58.0	47.1						
					57.0	56.1	44.5						
					59.3	55.0	42.4						
					52.0	51.8	38.4						
					55.5	59.8	42.0						
14/10/2025	Sunny	Calm	11:02	11:32	60.7	57.9	43.4	62	3	65	75	Traffic, birds, human activities	Not observed
					54.9	52.9	38.0						
					51.4	51.5	37.4						
					50.2	48.8	38.4						
					61.0	58.4	40.5						
					68.0	63.5	44.4						
23/10/2025	Cloudy	Strong	12:08	12:38	55.8	58.9	50.5	58	3	61	75	Birds, human activity, dog bark	Not observed
					58.7	61.0	48.7						
					60.2	62.9	52.9						
					54.8	58.3	48.4						
					57.2	57.9	47.6						
					57.3	59.0	47.3						
31/10/2025	Cloudy	Calm	13:21	13:51	54.4	55.8	45.9	57	3	60	75	Birds, human activity, traffic	Not observed
					58.7	58.6	47.7						
					56.8	56.3	45.5						
					58.3	61.7	48.3						
					57.2	55.9	46.9						
					56.0	57.8	48.2						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	14:40	15:10	56.7	49.5	38.6	55	3	58	75	birds, human activities, traffic	Not observed
					49.4	52.1	39.0						
					56.2	51.6	40.6						
					55.8	49.2	39.3						
					52.3	50.6	39.7						
					56.5	58.9	43.1						
15/11/2025	Fine	Calm	14:13	14:43	50.7	51.6	42.5	62	3	65	75	birds, human activities, traffic, construction works close by	Not observed
					58.0	58.2	50.4						
					58.8	56.5	49.7						
					55.4	55.8	49.3						
					68.7	64.2	45.2						
					60.2	58.2	50.4						
20/11/2025	Cloudy	Calm	12:10	12:40	45.8	45.6	40.4	53	3	56	75	birds, human activities, traffic	Not observed
					53.0	52.3	41.1						
					55.2	56.9	41.4						
					50.5	48.5	40.1						
					54.1	54.6	38.2						
					53.9	52.7	38.5						
25/11/2025	Sunny	Calm	14:38	15:08	50.6	51.9	45.6	58	3	61	75	traffic, human activity, birds, dog bark	Not observed
					55.8	55.9	44.9						
					58.3	62.6	45.1						
					63.1	61.6	47.1						
					52.4	52.9	45.0						
					54.3	56.8	44.2						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16a Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Sunny	Calm	14:36	15:06	64.5	68.9	43.9	61	3	64	75	Traffic, human activity, birds, dog bark	Not observed
					58.7	58.6	40.9						
					58.2	59.1	42.7						
					64.4	57.7	41.6						
					56.1	54.1	41.8						
					52.2	54.5	43.5						
12/12/2025	Sunny	Calm	12:54	13:24	53.3	56.8	41.4	53	3	56	75	Traffic, human activity, birds, dog bark	Not observed
					53.8	56.6	40.8						
					49.9	50.8	41.0						
					52.0	49.6	42.0						
					52.2	53.7	42.4						
					55.2	49.6	40.2						
18/12/2025	Sunny	Calm	13:26	13:56	59.9	60.1	43.5	55	3	58	75	Traffic, human activity, birds	Not observed
					54.3	58.4	42.6						
					53.7	58.6	44.2						
					47.4	47.3	43.8						
					52.6	53.2	42.0						
					51.8	52.0	41.8						
23/12/2025	Cloudy	Calm	13:45	14:15	56.4	58.0	40.6	54	3	57	75	Traffic, human activity, birds	Not observed
					52.6	50.5	37.6						
					49.8	50.5	38.4						
					51.4	49.8	38.1						
					54.6	50.1	37.9						
					55.5	57.3	41.6						
30/12/2025	Sunny	Calm	13:23	13:53	45.6	48.0	39.8	59	3	62	75	Traffic, human activity, birds	Not observed
					46.6	47.3	38.1						
					64.4	64.4	39.7						
					58.1	60.5	38.1						
					55.7	56.3	45.5						
					56.5	61.6	45.9						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16a	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	13:49	14:19	55.2	49.4	42.7	55	3	58	75	Traffic, human activity, birds	Not observed
					53.9	53.6	41.1						
					56.0	54.4	40.1						
					57.2	54.8	40.7						
					50.8	50.7	41.4						
					55.6	55.0	41.1						
16/1/2026	Sunny	Calm	14:09	14:39	53.1	47.8	40.6	60	3	63	75	Traffic, human activity, birds, dog bark	Not observed
					46.0	44.9	38.7						
					54.1	48.7	39.2						
					53.3	53.1	39.6						
					52.9	57.1	40.4						
					66.9	66.7	43.3						
23/1/2026	Cloudy	Calm	12:48	13:18	56.1	50.3	35.2	57	3	60	75	Traffic, human activity, birds	Not observed
					54.6	55.2	35.0						
					50.8	43.6	33.5						
					54.5	58.2	41.5						
					56.3	55.5	34.7						
					62.0	53.1	34.9						
28/1/2026	Cloudy	Calm	09:10	09:40	56.7	55.1	42.6	59	3	62	75	Traffic, human activity, birds	Not observed
					60.5	54.7	41.9						
					59.3	57.5	40.6						
					54.6	51.5	40.7						
					60.3	57.3	40.0						
					61.0	58.2	39.7						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	16:30	17:00	53.9	56.9	48.4	55	3	58	75	Bird, human activities, traffic	Not observed
					52.0	54.9	46.3						
					54.1	56.5	49.2						
					56.4	60.7	51.0						
					55.2	57.9	50.6						
					57.5	60.9	52.9						
15/2/2025	Fine	Calm	13:37	14:07	54.2	56.8	42.3	51	3	54	75	Bird, human activities, traffic	Not observed
					49.6	49.9	42.3						
					49.2	49.4	40.9						
					52.4	55.6	44.4						
					50.0	51.7	43.2						
					46.3	49.0	40.8						
19/2/2025	Sunny	Calm	11:19	11:49	48.7	50.9	45.5	51	3	54	75	Birds, traffic	Not observed
					50.2	52.2	45.3						
					50.2	53.5	44.6						
					51.9	54.0	44.7						
					51.8	53.6	45.0						
					52.2	54.7	45.0						
25/2/2025	Fine	Calm	15:25	15:55	53.4	56.1	46.9	51	3	54	75	Bird, human activities, traffic	Not observed
					51.8	54.4	47.2						
					51.8	54.8	47.4						
					49.4	51.4	45.0						
					50.4	52.0	44.9						
					48.5	49.5	44.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/3/2025	fine	calm	14:40	15:10	53.9	56.9	45.3	55	3	58	75	birds, traffic, human activities	sheet piling work
					51.7	54.1	47.0						
					57.9	60.3	48.9						
					56.8	60.7	49.2						
					53.8	56.5	48.3						
					53.3	55.2	49.0						
15/3/2025	Sunny	Calm	11:36	12:06	65.5	62.1	44.7	59	3	62	75	birds, traffic, human activities	Not Observed
					52.7	55.3	43.1						
					50.6	53.0	42.4						
					49.9	53.3	44.5						
					59.6	54.0	43.3						
					47.9	51.6	42.4						
22/3/2025	Sunny	Calm	11:25	11:55	54.2	55.4	44.7	53	3	56	75	birds, traffic, human activities	Not Observed
					51.7	53.7	44.7						
					53.7	56.3	43.0						
					51.6	55.9	43.9						
					51.1	55.4	43.5						
					54.8	59.3	43.7						
27/3/2025	Cloudy	calm	14:41	15:11	51.6	54.4	47.2	54	3	57	75	birds, traffic, human activities	Not Observed
					54.2	56.8	46.7						
					50.6	53.0	46.6						
					56.2	59.2	47.2						
					55.7	54.1	46.8						
					49.4	51.8	44.8						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16b Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/4/2025	sunny	calm	11:17	11:47	53.7	54.2	42.6	56	3	59	75	human activities, traffic, bird, construction 11:20	Not Observed
					52.7	55.7	44.8						
					59.6	54.7	42.1						
					51.8	51.0	40.7						
					53.2	56.1	43.7						
					57.1	58.1	43.4						
9/4/2025	sunny	calm	12:53	13:23	53.4	55.2	44.3	56	3	59	75	Human activities, Birds, 1:08, 1:13 loud push cart passing	Not Observed
					54.1	54.6	43.8						
					57.5	55.0	43.5						
					57.6	60.4	44.8						
					59.2	59.0	43.8						
					51.8	53.9	43.1						
15/4/2025	sunny	calm	14:41	15:11	53.3	57.1	44.9	56	3	59	75	Birds, Human activities, nearby helicopter	drilling
					51.0	54.4	43.6						
					56.2	60.0	46.6						
					53.6	56.9	45.6						
					55.8	59.1	45.4						
					59.1	63.4	46.1						
22/4/2025	sunny	calm	14:49	15:19	48.4	51.7	42.6	52	3	55	75	Human activities, Birds, Traffic	Not Observed
					49.5	53.7	42.6						
					51.5	55.4	43.6						
					56.2	55.8	42.8						
					51.1	53.3	44.6						
					52.6	56.0	45.2						
28/4/2025	cloudy	calm	10:56	11:26	50.0	53.2	42.8	54	3	57	75	Human activities, Birds, Traffic	Not Observed
					52.3	56.4	45.1						
					48.7	51.5	43.9						
					56.7	62.1	44.1						
					54.3	58.0	44.0						
					56.4	58.1	48.3						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	sunny	calm	11:47	12:17	50.6	54.6	39.2	51	3	54	75	birds, human activities, traffic, construction noise from other project	Not Observed
					54.8	59.8	40.7						
					45.9	47.6	39.3						
					50.7	53.7	40.2						
					49.2	50.0	40.1						
					46.3	49.5	39.8						
16/5/2025	Cloudy	Calm	14:39	15:09	52.5	54.8	43.4	51	3	54	75	traffic	observed from pumping house
					51.3	53.2	42.6						
					52.7	55.7	42.2						
					48.4	51.8	42.0						
					50.3	53.6	41.7						
					47.8	51.4	40.8						
22/5/2025	Sunny	calm	11:31	12:01	63.2	64.7	59.6	62	3	65	75	dog bark, bird, human activity, traffic, insect (cicada)	Not Observed
					66.1	66.9	65.2						
					63.9	65.0	61.1						
					57.8	59.8	56.0						
					56.6	57.8	55.2						
					58.7	61.3	54.7						
28/5/2025	Cloudy	Calm	14:08	14:38	51.9	53.3	48.4	56	3	59	75	birds, human activity	Not Observed
					54.9	57.1	48.0						
					53.2	56.0	48.9						
					53.6	55.6	51.0						
					55.2	56.8	53.9						
					61.3	63.8	57.8						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16b Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Sunny	Calm	13:43	14:13	55.5	57.4	52.7	55	3	58	75	birds, traffic, human activities	Not Observed
					52.4	53.8	50.4						
					52.5	52.1	49.3						
					50.2	51.6	46.8						
					54.8	58.7	45.9						
					56.5	61.6	45.9						
9/6/2025	Sunny	Calm	13:24	13:54	61.9	64.8	58.9	62	3	65	75	Human activity, Traffic, Helicopter	Lifting from other workplace
					61.0	62.2	60.0						
					61.4	62.9	60.2						
					62.3	63.6	61.0						
					62.2	63.4	61.0						
					64.2	64.4	63.0						
20/6/2025	Cloudy	Calm	11:50	12:20	53.9	56.9	45.3	55	3	58	75	human activities, traffic	Not Observed
					51.7	54.1	47.0						
					57.9	60.3	48.9						
					56.8	60.7	49.2						
					53.8	56.5	48.3						
					53.3	55.2	49.0						
26/6/2025	Cloudy	Calm	14:41	15:11	53.3	57.1	44.9	56	3	59	75	birds, human activities, traffic	Not Observed
					51.0	54.4	43.6						
					56.2	60.0	46.6						
					56.7	62.1	44.1						
					54.3	58.0	44.0						
					59.1	63.4	46.1						
30/6/2025	Sunny	Calm	13:27	13:57	55.8	57.9	49.4	55	3	58	75	human activities, traffic	Not Observed
					56.6	61.5	49.0						
					54.9	57.1	52.8						
					54.7	57.2	47.7						
					55.4	61.5	48.1						
					52.5	55.6	48.8						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	12:43	13:13	53.9	56.6	48.4	54	3	57	75	Human activity, traffic, bird	Not observed
					56.1	58.9	51.5						
					52.5	52.1	50.3						
					48.9	51.0	46.0						
					50.2	54.2	45.0						
					56.7	54.1	44.0						
19/7/2025	Cloudy	Calm	13:04	13:34	54.8	56.7	45.8	55	3	58	75	Human activity, Traffic	Not observed
					56.0	57.4	53.8						
					55.2	58.2	47.8						
					52.8	54.8	49.4						
					54.9	56.0	48.5						
					56.5	59.1	47.7						
24/7/2025	Sunny	Calm	12:21	12:51	50.3	53.2	46.4	52	3	55	75	Human activity, Traffic	Not observed
					51.6	53.7	47.2						
					52.1	53.7	50.1						
					51.9	54.6	49.1						
					50.8	52.3	46.7						
					52.1	54.7	47.0						
30/7/2025	Cloudy	Calm	13:26	13:56	50.7	53.2	47.6	56	3	59	75	Human activity, Traffic	Not observed
					55.3	59.1	48.0						
					55.5	57.1	52.6						
					57.2	59.6	54.2						
					51.9	54.1	49.9						
					57.9	62.4	50.2						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/8/2025	Sunny	Calm	15:21	15:51	54.6	60.0	44.9	52	3	55	75	Traffic, Birds	Not observed
					51.9	53.2	45.1						
					52.5	52.1	44.4						
					52.8	55.0	44.1						
					49.4	49.8	43.9						
					48.0	47.0	43.5						
11/8/2025	Sunny	Calm	12:45	13:15	56.3	56.6	44.8	53	3	56	75	Human activity, Traffic	Not observed
					49.8	52.8	42.1						
					49.3	51.9	47.4						
					50.9	53.1	48.0						
					50.2	51.9	47.5						
					54.9	58.4	45.9						
22/8/2025	Sunny	Calm	11:27	11:57	56.2	59.2	41.3	51	3	54	75	Human activity, Traffic	Not Observed
					50.5	52.2	42.2						
					45.8	47.3	41.9						
					51.4	55.1	43.0						
					48.5	51.6	42.4						
					46.8	50.9	42.6						
28/8/2025	Cloudy	Calm	13:59	14:29	49.8	53.1	44.2	53	3	56	75	Human activity, Traffic	Not Observed
					48.5	50.5	42.4						
					48.7	51.1	41.4						
					46.6	48.1	43.0						
					58.6	53.7	43.8						
					47.6	50.4	43.5						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/9/2025	Sunny	Calm	11:00	11:30	45.4	46.7	40.7	50	3	53	75	traffic, bird, human activity	Not observed
					47.4	49.6	43.5						
					52.5	52.1	42.9						
					50.4	51.2	42.1						
					51.8	53.7	41.5						
					46.8	49.0	42.4						
10/9/2025	Sunny	Calm	12:07	12:37	43.1	44.4	39.5	48	3	51	75	traffic, bird, human activity	Not observed
					47.5	51.2	40.5						
					48.9	51.1	42.9						
					47.5	50.6	42.0						
					46.3	47.4	40.4						
					50.6	50.2	39.9						
15/9/2025	Sunny	Calm	10:26	10:56	58.5	63.5	42.7	53	3	56	75	traffic, bird, human activity	Not observed
					50.9	52.3	40.5						
					54.4	54.5	41.0						
					42.3	43.3	40.0						
					45.8	47.4	40.6						
					47.4	52.1	41.0						
26/9/2025	Sunny	Calm	12:54	13:24	52.4	49.7	40.8	50	3	53	75	traffic, bird, human activity	Not observed
					50.3	53.2	39.3						
					45.1	48.4	38.4						
					51.9	47.9	39.4						
					47.4	51.3	40.1						
					45.6	48.4	40.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N16b Residences at Ham Tin G/F Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Sunny	Calm	13:14	13:44	47.0	48.0	44.5	50	3	53	75	Bird	Not observed
					48.4	49.6	44.4						
					52.5	52.1	45.1						
					51.7	54.6	46.1						
					51.2	52.3	45.4						
					48.1	50.9	43.9						
10/10/2025	Sunny	Calm	11:16	11:46	49.5	51.8	40.4	50	3	53	75	Birds, human activities	Not observed
					47.6	50.9	40.1						
					49.5	50.1	40.0						
					50.2	51.2	42.0						
					53.0	55.5	42.5						
					46.3	47.7	40.4						
14/10/2025	Sunny	Calm	11:36	12:06	53.7	52.5	42.3	52	3	55	75	Birds, human activities	Not observed
					55.4	51.2	42.0						
					50.2	53.9	43.5						
					50.9	51.4	42.1						
					48.9	51.8	41.3						
					47.3	49.0	40.3						
23/10/2025	Cloudy	Calm	12:41	13:11	53.2	54.8	47.8	54	3	57	75	Human activities, traffic	Not observed
					55.4	55.9	49.6						
					53.0	54.9	48.6						
					50.9	53.4	46.9						
					56.0	56.2	49.1						
					51.8	54.0	49.2						
31/10/2025	Cloudy	Calm	13:53	14:23	43.6	45.1	41.1	52	3	55	75	Human activities, traffic	Not observed
					51.9	54.2	42.1						
					54.8	59.0	42.2						
					48.3	52.4	41.9						
					49.5	51.9	43.3						
					54.5	58.7	44.5						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	15:13	15:43	45.4	47.0	41.9	55	3	58	75	birds, human activities , traffic	Not observed
					52.9	53.4	42.1						
					52.5	52.1	42.4						
					53.6	57.0	44.5						
					53.2	56.3	44.4						
					60.2	58.7	46.1						
15/11/2025	Fine	Calm	14:51	15:21	52.8	57.1	42.6	51	3	54	75	birds, human activities, traffic, construction works close by	Not observed
					47.4	49.9	42.9						
					49.8	52.5	43.8						
					49.8	52.3	43.3						
					48.4	51.4	42.2						
					53.2	55.0	42.2						
20/11/2025	Cloudy	Calm	12:43	13:13	55.5	54.0	42.7	57	3	60	75	birds, human activities, traffic	Not observed
					50.4	53.6	43.3						
					58.3	55.7	44.1						
					62.2	55.1	43.8						
					53.8	48.9	43.2						
					49.3	51.5	43.1						
25/11/2025	Sunny	Calm	15:22	15:52	50.3	52.1	47.3	53	3	56	75	traffic, human activity, birds	Not observed
					53.5	55.9	45.3						
					48.5	51.8	44.6						
					56.9	59.4	48.7						
					51.5	53.3	49.1						
					54.3	56.4	49.6						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	15:22	15:52	50.8	53.1	46.4	54	3	57	75	Traffic, human activity, birds	Not observed
					55.5	58.3	47.9						
					52.5	52.1	48.7						
					53.5	56.3	48.9						
					57.3	62.1	46.4						
12/12/2025	Sunny	Calm	13:35	14:05	52.4	54.9	47.3	52	3	55	75	Traffic, human activity, birds	Not observed
					49.2	51.8	45.2						
					53.9	56.4	46.8						
					52.3	56.2	43.7						
					49.8	52.7	44.1						
18/12/2025	Sunny	Calm	14:06	14:36	54.1	53.9	47.5	52	3	55	75	Traffic, human activity, birds	Not observed
					51.8	54.7	44.6						
					52.5	54.6	41.1						
					49.0	52.7	42.2						
					49.1	50.6	43.2						
23/12/2025	Cloudy	Calm	14:19	14:49	49.7	51.5	42.3	50	3	53	75	Traffic, human activity, birds	Not observed
					49.3	47.9	41.2						
					56.9	62.2	43.2						
					49.9	52.6	43.5						
					50.1	53.3	43.6						
30/12/2025	Sunny	Calm	14:04	14:34	49.1	52.3	42.3	52	3	55	75	Traffic, human activity, birds	Not observed
					54.3	55.1	43.4						
					45.6	48.7	42.0						
					48.4	51.0	42.4						
					51.6	53.6	44.1						
					56.6	61.3	44.4						
					49.4	49.7	42.7						
					47.2	49.3	42.7						
					52.7	52.5	43.3						
					50.7	54.8	42.8						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N16b	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Moderate	14:27	14:57	56.0	59.2	48.2	55	3	58	75	Traffic, human activity, birds	Not observed
					53.9	57.7	47.9						
					52.5	52.1	46.4						
					50.6	52.4	44.5						
					56.6	60.5	45.9						
					56.4	60.6	49.4						
16/1/2026	Sunny	Calm	14:58	15:28	51.7	50.0	41.9	52	3	55	75	Traffic, human activity, birds	Not observed
					46.8	48.9	41.6						
					54.6	56.9	43.4						
					53.9	55.1	42.1						
					49.0	52.3	42.0						
					49.3	53.0	43.2						
23/1/2026	Cloudy	Calm	13:23	13:53	51.8	50.4	41.9	54	3	57	75	Traffic, human activity, birds	Not observed
					52.9	55.6	44.2						
					53.5	57.1	43.5						
					53.8	58.2	42.1						
					54.9	58.0	42.3						
					54.5	54.6	40.5						
28/1/2026	Cloudy	Calm	09:42	10:12	53.8	58.1	42.2	52	3	55	75	Traffic, human activity, birds	Not observed
					46.1	48.3	41.2						
					47.4	50.2	42.3						
					50.1	52.7	40.8						
					50.6	54.6	41.7						
					55.9	59.3	41.5						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Residences at Ham Tin	G/F	Free-Field

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/2/2025	Fine	Calm	14:21	14:51	49.6	50.9	43.7	48	3	51	70	bird, traffic, A/C system	Not observed
					47.1	49.9	43.1						
					47.8	50.8	42.9						
					46.1	48.4	42.8						
					45.8	48.0	42.9						
					47.9	50.5	42.6						
15/2/2025	Fine	Calm	12:13	12:43	45.7	47.9	39.9	45	3	48	70	Dog bark, bird, traffic	Not observed
					45.3	47.6	40.3						
					46.2	49.4	41.2						
					43.6	46.5	39.1						
					42.9	45.1	39.0						
					46.5	49.6	40.7						
19/2/2025	Fine	Calm	12:41	13:11	50.7	54.8	44.3	52	3	55	70	Human activities, bird, traffic	Road breaking works at junction
					48.5	50.8	45.2						
					49.4	50.7	43.7						
					55.5	56.2	42.7						
					52.0	54.5	44.1						
					53.4	56.9	46.6						
25/2/2025	Cloudy	Calm	12:02	12:32	49.2	52.8	42.6	48	3	51	70	Human activities, birds, traffic	Not observed
					50.5	53.9	42.2						
					45.1	48.1	41.5						
					48.7	50.8	42.6						
					48.7	52.1	42.4						
					45.8	48.3	42.3						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/3/2025	fine	calm	15:27	15:57	53.4	55.0	50.4	56	--	56	70	school's air handling units, human activities, birds, helicopter	Not Observed
					53.5	54.9	51.2						
					53.4	55.1	51.5						
					52.9	54.3	51.7						
					53.0	54.4	51.7						
					60.5	61.3	52.4						
17/3/2025	Fine	Calm	14:29	14:59	49.1	52.2	44.2	52	--	52	70	human activities, traffic, bird	Not Observed
					56.1	61.4	43.5						
					52.6	55.3	45.5						
					48.4	50.9	44.5						
					48.0	51.0	44.1						
					49.4	51.7	44.4						
21/3/2025	fine	calm	16:40	17:10	48.5	51.2	45.2	54	--	54	70	traffic, bird, dog bark, construction works from other project	Not Observed
					47.6	49.6	45.3						
					48.3	50.8	45.3						
					51.2	52.1	45.8						
					58.7	64.0	46.1						
					56.5	59.8	47.1						
28/3/2025	Sunny	Calm	12:25	12:55	51.7	53.7	49.3	55	--	55	70	birds, human activities, school bell 12:46	Not Observed
					51.4	53.2	49.4						
					51.7	53.9	48.9						
					56.4	60.8	49.9						
					59.9	65.2	49.0						
					51.8	55.0	48.6						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
N17 Bui O Public School R/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
2/4/2025	Sunny	Calm	12:18	12:48	52.5	54.6	48.6	52	--	52	70	birds, human activities	Not Observed
					51.1	53.1	47.9						
					51.2	53.2	48.5						
					53.4	57.2	48.1						
					51.0	54.1	46.7						
					50.7	53.0	47.3						
					53.7	56.5	50.4						
					55.4	58.1	52.2						
					53.4	56.2	48.3						
					51.8	54.0	49.0						
					53.7	56.0	49.6					Human activities, Birds, ventilation	Not Observed
					52.2	54.3	49.2						
					50.5	54.7	41.8						
					54.8	60.2	40.4						
					51.1	50.3	41.6						
16/4/2025	Sunny	Calm	11:29	11:59	44.5	47.0	41.1	50	--	50	70	birds, human activities	Not Observed
					44.4	47.0	40.8						
					47.2	50.1	41.1						
					49.5	51.6	46.3						
					51.6	53.3	48.9						
22/4/2025	Sunny	Calm	11:56	12:26	52.6	56.6	48.9	52	--	52	70	Human activities, school repair works on the roof	Not Observed
					51.3	53.1	49.2						
					52.0	54.9	49.1						
					52.6	57.0	48.9						
					49.6	51.6	45.5						
28/4/2025	Sunny	Calm	12:09	12:39	53.7	56.3	50.2	52	--	52	70	Human activities, birds, school bell	Not Observed
					52.1	54.7	48.8						
					51.3	53.0	48.8						
					51.1	52.8	48.2						
					49.4	51.2	47.0						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
10/5/2025	Cloudy	Calm	10:29	10:59	48.2	50.4	41.9	49	--	49	70	bird, traffic, human activities	Not Observed
					51.4	55.0	43.6						
					46.8	49.1	43.4						
					48.0	52.4	42.1						
					47.6	49.9	42.4						
					51.4	54.5	46.3						
16/5/2025	Sunny	calm	13:25	13:55	53.9	55.4	49.3	53	--	53	65	human activity, bell ring	observed from pumping house site
					51.3	53.5	48.9						
					52.9	55.2	50.4						
					53.2	55.8	50.6						
					54.2	56.5	50.5						
					53.6	56.2	49.6						
22/5/2025	Sunny	Calm	13:22	13:52	57.7	60.2	54.8	56	--	56	70	Human activity (playing drum), traffic	Not Observed
					58.5	60.7	55.7						
					57.7	59.7	54.4						
					53.3	54.6	52.1						
					53.6	54.5	52.5						
					53.7	55.0	52.3						
28/5/2025	Cloudy	Calm	12:18	12:48	52.2	53.5	51.1	52	--	52	70	birds, school bell	Not Observed
					50.8	52.5	48.3						
					50.6	51.9	49.0						
					51.2	52.6	47.8						
					52.5	55.8	48.9						
					52.2	53.4	47.5						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
3/6/2025	Cloudy	Calm	11:55	12:25	51.0	51.8	49.3	53	--	53	70	birds, school bell	Not Observed
					53.5	54.9	49.4						
					53.8	56.2	49.1						
					52.6	55.8	49.2						
					52.0	52.4	49.1						
					51.3	53.1	49.3						
9/6/2025	Sunny	Calm	12:11	12:41	57.2	59.7	53.9	57	--	57	65	Human activity, Traffic	Not Observed
					56.6	57.4	54.5						
					58.3	60.8	55.6						
					56.4	57.6	55.4						
					56.2	57.2	54.7						
					55.4	56.6	54.2						
20/6/2025	Cloudy	Calm	13:41	14:11	58.4	61.7	53.7	54	--	54	70	birds, traffic, human activities	Not Observed
					54.4	56.2	51.6						
					52.4	53.7	51.0						
					51.4	52.6	48.7						
					51.8	53.9	49.0						
					53.3	54.9	51.3						
26/6/2025	Sunny	Calm	16:09	16:39	49.6	51.6	45.5	53	--	53	70	birds, human activities	Not Observed
					53.7	56.3	50.2						
					52.1	54.7	48.8						
					51.3	53.0	48.8						
					55.4	58.1	52.2						
					53.4	56.2	48.3						
30/6/2025	Sunny	Calm	12:10	12:40	53.2	54.4	50.1	53	--	53	70	birds, traffic, human activities	Not Observed
					53.5	56.1	49.7						
					52.0	54.7	48.5						
					53.0	55.1	48.8						
					52.7	54.1	50.8						
					52.6	54.7	49.8						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
11/7/2025	Cloudy	Calm	14:33	15:03	51.1	52.5	49.6	56	--	56	70	Human activity, traffic	Observed from our project (Car parking near school)
					51.7	53.5	49.4						
					55.8	60.0	49.2						
					50.6	51.7	49.3						
					54.0	55.9	50.5						
					60.4	63.8	50.2						
19/7/2025	Sunny	Calm	15:29	15:59	69.1	72.2	59.6	67	--	67	70	Human activity, Traffic	Not observed
					66.6	71.0	55.6						
					67.0	71.3	53.7						
					65.7	69.7	54.3						
					68.7	71.6	52.9						
					66.5	71.2	53.3						
24/7/2025	Cloudy	Calm	14:12	14:42	54.5	56.8	51.4	56	--	56	70	Human activity, Traffic, Bird	Work site in car park
					57.9	60.2	53.6						
					59.4	63.5	50.2						
					53.2	56.6	48.5						
					51.9	54.6	47.4						
					55.8	59.3	49.5						
30/7/2025	Sunny	Calm	15:19	15:49	53.0	55.0	50.3	53	--	53	70	Human activity, Traffic	Not observed
					51.8	53.2	50.1						
					52.5	54.0	51.1						
					52.9	54.6	50.9						
					51.5	52.7	50.2						
					53.3	53.5	49.5						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/8/2025	Sunny	Calm	16:08	16:38	49.3	51.7	45.6	48	--	48	70	Traffic, Birds	Not Observed
					47.3	50.3	44.2						
					48.0	50.1	45.0						
					47.4	49.3	44.8						
					46.5	49.0	43.3						
					48.6	49.9	43.4						
11/8/2025	Sunny	Calm	14:34	15:04	60.5	61.5	58.1	60	--	60	70	Human activity, Traffic	Not Observed
					59.9	61.6	58.3						
					59.7	61.2	57.9						
					61.1	63.4	58.2						
					59.6	61.1	58.0						
					59.6	61.1	57.9						
22/8/2025	Sunny	Calm	10:17	10:47	62.6	64.5	59.8	60	--	60	70	Human activity, Traffic	Not Observed
					60.9	61.6	60.3						
					61.1	61.9	60.2						
					60.1	61.8	54.5						
					55.9	57.8	54.0						
					55.8	57.2	53.9						
28/8/2025	Cloudy	Calm	15:42	16:12	59.8	56.0	51.7	56	--	56	70	Human activity, Traffic	Not Observed
					56.0	54.7	51.0						
					53.3	53.4	50.7						
					53.4	54.6	51.7						
					53.6	55.7	50.7						
					51.8	53.5	50.4						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
4/9/2025	Sunny	Calm	12:49	13:19	53.7	55.0	52.0	54	--	54	70	Human activities	Not Observed
					53.4	54.6	52.3						
					53.4	54.3	52.4						
					53.1	53.9	52.3						
					54.4	55.6	53.2						
					54.2	55.0	53.2						
10/9/2025	Cloudy	Calm	14:17	14:47	63.6	64.9	62.2	67	--	67	70	Human activities	Not Observed
					63.8	64.7	62.7						
					63.2	63.9	62.6						
					63.3	64.2	62.1						
					70.4	76.1	62.2						
					70.2	74.1	65.0						
16/9/2025	Sunny	Small	11:24	11:54	53.1	54.4	50.6	63	--	63	70	Human activities, school activities	Not Observed
					59.3	63.2	50.8						
					66.8	70.0	59.0						
					66.5	69.5	61.2						
					62.8	67.0	53.0						
					52.2	53.2	50.7						
26/9/2025	Sunny	Calm	14:05	14:35	45.2	47.2	41.7	47	--	47	70	Human Activiites	Not Observed
					43.4	46.3	40.0						
					45.6	47.3	41.6						
					45.5	47.9	41.4						
					47.1	50.0	41.6						
					49.6	53.4	42.9						

Remake:

1. Numerical values are rounded to integer.



Ref Location Name Level Type of Measurement
Location N17 Bui O Public School R/F Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
6/10/2025	Fine	Calm	13:54	14:24	52.8	54.3	51.2	53	--	53	70	Human activities, bird	Not observed
					55.3	56.8	50.7						
					54.2	56.9	50.2						
					50.9	51.6	50.2						
					51.1	52.3	49.9						
					51.5	52.4	50.5						
10/10/2025	Sunny	Calm	11:55	12:25	50.0	51.6	48.1	69	--	69	70	Human activities	Not observed
					53.9	54.1	50.7						
					52.0	53.1	50.9						
					54.5	56.7	51.9						
					72.0	76.0	52.4						
					75.4	79.0	64.9						
15/10/2025	Sunny	Calm	12:11	12:41	60.1	62.4	55.0	62	--	62	70	Human activities	Not observed
					65.1	69.0	56.7						
					63.6	67.4	55.4						
					56.8	59.3	54.2						
					58.5	61.5	54.7						
					58.8	61.1	55.6						
23/10/2025	Cloudy	Strong	14:43	15:13	50.2	52.3	47.1	53	--	53	70	Birds, human activities , school bell	Not observed
					50.8	52.2	46.8						
					50.9	51.8	48.0						
					56.6	59.2	47.4						
					53.7	55.3	48.7						
					54.1	56.6	47.6						
31/10/2025	Cloudy	Calm	12:07	12:37	57.3	58.5	55.3	58	--	58	70	human activity	Not observed
					58.7	61.0	56.7						
					60.2	63.2	56.5						
					58.6	60.4	56.0						
					56.8	57.5	56.0						
					55.7	56.6	55.3						

Remake:

1. Numerical values are rounded to integer.



Ref	Location Name	Level	Type of Measurement
N17	Bui O Public School	R/F	Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
7/11/2025	Cloudy	Calm	13:31	14:01	55.7	56.8	53.9	60	--	60	70	human activity, birds	Not observed
					55.6	56.5	54.4						
					57.7	59.6	54.5						
					62.4	65.8	57.2						
					61.4	63.6	56.1						
					62.5	64.0	54.7						
14/11/2025	Sunny	Calm	14:26	14:56	51.5	53.9	48.5	53	--	53	70	human activity, birds	Not observed
					49.8	50.7	48.1						
					50.2	51.5	48.1						
					51.8	52.8	47.9						
					50.3	52.1	48.5						
					56.6	58.8	49.1						
19/11/2025	Cloudy	Moderate	11:21	11:51	63.8	68.8	52.6	59	--	59	70	human activity, traffic, birds	Not observed
					63.0	66.8	51.2						
					53.1	55.7	48.1						
					52.1	55.0	46.9						
					52.1	55.0	46.9						
					52.0	55.0	44.2						
25/11/2025	Sunny	Calm	16:12	16:42	55.6	58.1	52.0	57	--	57	70	human activity, traffic	Not observed
					55.0	57.6	50.9						
					57.0	59.8	52.6						
					60.1	63.7	54.4						
					54.9	57.3	50.9						
					54.6	56.8	51.2						

Remake:

1. Numerical values are rounded to integer.



Ref N17 Location Name Bui O Public School Level R/F Type of Measurement Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
1/12/2025	Cloudy	Calm	13:44	14:14	53.1	53.9	42.8	54	--	54	70	Human activity, traffic, birds, school bell	Not observed
					54.9	59.1	43.0						
					54.4	56.7	43.5						
					54.4	56.5	43.5						
					51.3	52.4	41.4						
					53.9	56.4	40.5						
					61.8	65.3	53.5						
					60.3	63.9	52.0						
					61.6	66.0	52.7						
					61.1	62.9	51.4						
					60.0	63.7	49.2						
					54.1	53.9	47.0						
					50.8	53.3	45.3	52	--	52	70	Human activity, traffic, birds	Not observed
					53.7	55.6	46.2						
					49.8	52.8	45.6						
					50.7	53.0	47.1						
					53.4	54.8	49.7						
					50.1	52.8	47.0						
					47.9	50.3	44.9						
					48.8	52.2	42.6						
					48.1	50.9	44.8						
					47.7	50.3	43.5						
					45.7	48.7	41.1						
					45.5	47.6	42.7						
					46.2	48.3	41.9	47	--	47	70	Human activity, traffic, birds	Not observed
					46.5	49.3	40.1						
					47.3	51.1	42.3						
					46.8	49.4	41.0						
					47.2	49.7	42.6						
					47.0	49.9	43.0						

Remake:

1. Numerical values are rounded to integer.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Ref: N17
Location: Bui O Public School
Level: R/F
Type of Measurement: Façade

Date	Weather	Wind Condition	Start Time	End Time	Measured Noise Level			Leq30mins ^[1]	Façade Correction	Corrected Leq30mins	Limit Level	Noise Sources	Construction Noise
					Leq	L10	L90						
5/1/2026	Sunny	Calm	12:25	12:55	58.4	62.7	49.3	60	--	60	70	Human activity, traffic, birds	Not observed
					59.4	63.4	50.8						
					60.8	64.4	51.5						
					61.4	65.7	51.2						
					60.4	63.9	52.2						
					57.6	60.1	48.7						
16/1/2026	Sunny	Calm	12:39	13:09	51.3	52.5	46.2	50	--	50	70	Traffic, human activity, birds, school bell	Not observed
					52.8	53.0	45.9						
					47.2	49.4	44.3						
					46.5	48.7	44.1						
					47.2	49.0	45.0						
					50.9	53.8	46.5						
23/1/2026	Cloudy	Calm	14:03	14:33	50.2	52.8	46.2	54	--	54	70	Traffic, human activity, birds	Not observed
					53.1	55.2	48.6						
					54.8	56.0	52.8						
					54.2	55.6	52.6						
					54.4	56.0	52.3						
					53.6	55.0	52.0						
28/1/2026	Cloudy	Calm	10:54	11:24	51.0	53.8	46.4	59	--	59	70	Human activity, birds, school bell, helicopter	Not observed
					54.2	56.7	47.8						
					51.7	53.1	47.2						
					62.0	64.0	45.3						
					62.1	66.0	47.1						
					58.5	61.2	48.3						

Remake:

1. Numerical values are rounded to integer.

Appendix 3.2

Final Investigation Report – Noise exceedance on 24 December 2025

Notification of Exceedance

Contract:		CM 04/2024 - Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)								
Date:		24 December 2025			NOE Reference:		20251224-NM			
Parameter:		Noise								
		Results, dB(A)			Criteria (Limit Level), dB(A)			Exceedance		
Station:		N12a		75		75		Limit Level		

Location	Weather	Wind Condition	Start Time	End Time	Measured Noise Level dB(A)			Corrected Leq(30mins) dB(A)	Major observation	Other Observation
					L _{eq}	L ₁₀	L ₉₀			
N12a	Cloudy	Calm	9:27	9:57	71.0	73.6	60.7	75	Concrete Breaking from our project	A relatively high traffic flow, including commercial vehicles like trucks and buses, was observed
					72.1	74.3	66.5			
					71.5	74.0	62.3			
					74.9	76.6	62.3			
					72.1	74.1	61.9			

Investigation Report

ET's On-site Observations:

On 24 December 2025, during the noise monitoring at N12a, one breaker was observed operating at a roadside works site within the project boundary on South Lantau Road, and no noise mitigation measures were implemented during this period. Also, local traffic noise, that comprises heavy vehicles including trucks and buses, was observed to be high.

On December 30, 2025, during the noise monitoring at N12a, excavation work was found at the roadside construction site roadside works site within the project boundary on South Lantau Road, and no noise mitigation measures were taken during this period.

Information Provided by the Contractor

At around 10 a.m. on 24 December 2025, project - related concrete breaking work was carried out near the noise monitoring station N12a. As of 24 December 2025, the concrete breaking work had been completed.

Possible reason for Action or Limit Level Non-compliance:

According to on-site observation during the construction noise monitoring at N12a on 24 December 2025, one breaker was observed operating during the noise monitoring at the roadside works site within the project boundary on South Lantau Road.. In addition, local traffic noise that comprises of heavy vehicles including trucks and buses, was observed to be high.

According to the information provided by the Contractor, project-related construction work, i.e. breaking up of pavement, was carried out near the noise monitoring station N12a at about 10 am. The monitoring period 09:27-09:57 overlaps with the early setup or trial operation of the concrete breaking works. Location of the construction works is given in **Figure 1**.

In conclusion, the exceedance would be due to combination of construction works and traffic flow. Hence, it is considered that exceedance maybe project related.

Repeat Monitoring:

Due to the following day being public holidays (25 to 26 December 2025), repeat monitoring was conducted in the next monitoring period. Noise monitoring was performed on 30 December 2025, measured Leq30mins at N12a did not exceed the limit level 75dB(A). It was observed that the concrete breaking works at the works site observed on 24 December 2025 was completed.

Remedial Action / Additional mitigation measures:

Although the concrete breaking work has been completed, the contractor is reminded to maintain vigilance over construction noise and implemented proper construction noise mitigation measures according to EM&A Manual and Construction Noise Mitigation Plan.

Photo Records

Site Observation Photos around noise Monitoring Stations taken by the ET on 24 December 2025



Photo Records on 30 December 2025 provided by ET

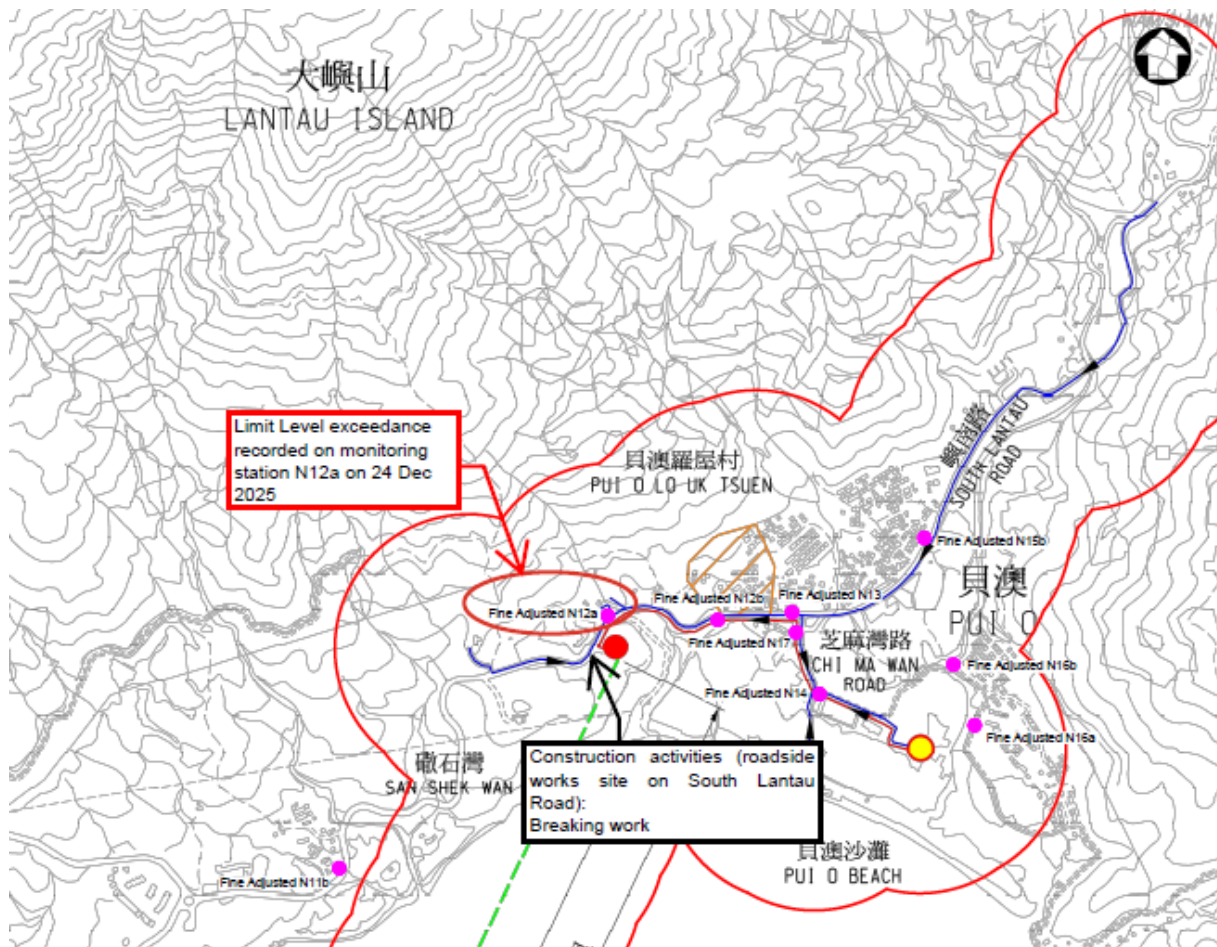


Construction activities: Excavation



Site Photo of N12a

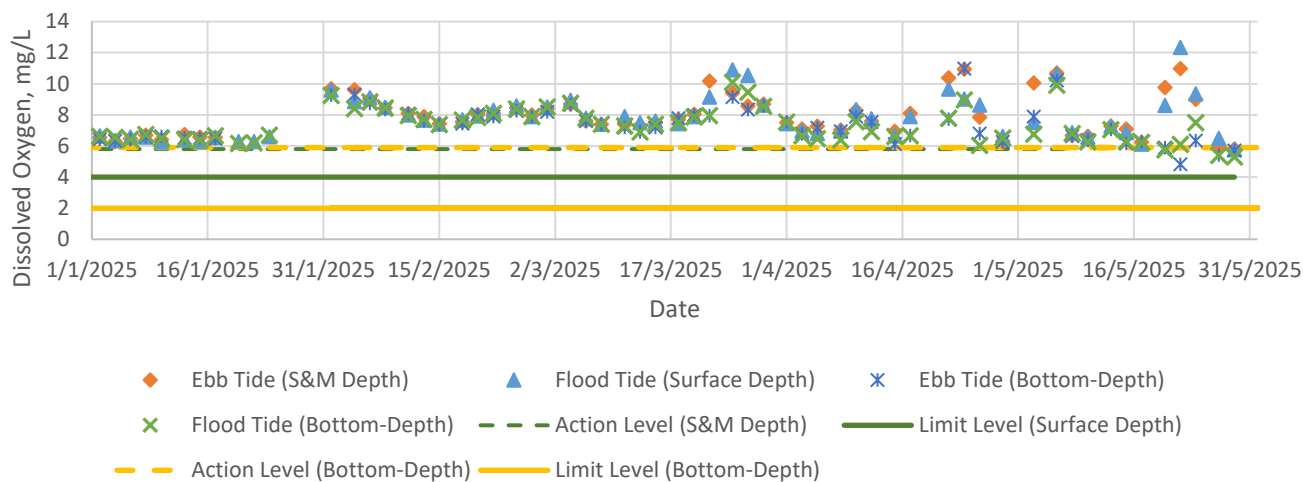
Figure 1: Location Plan (Site activities held on 24 December 2025)



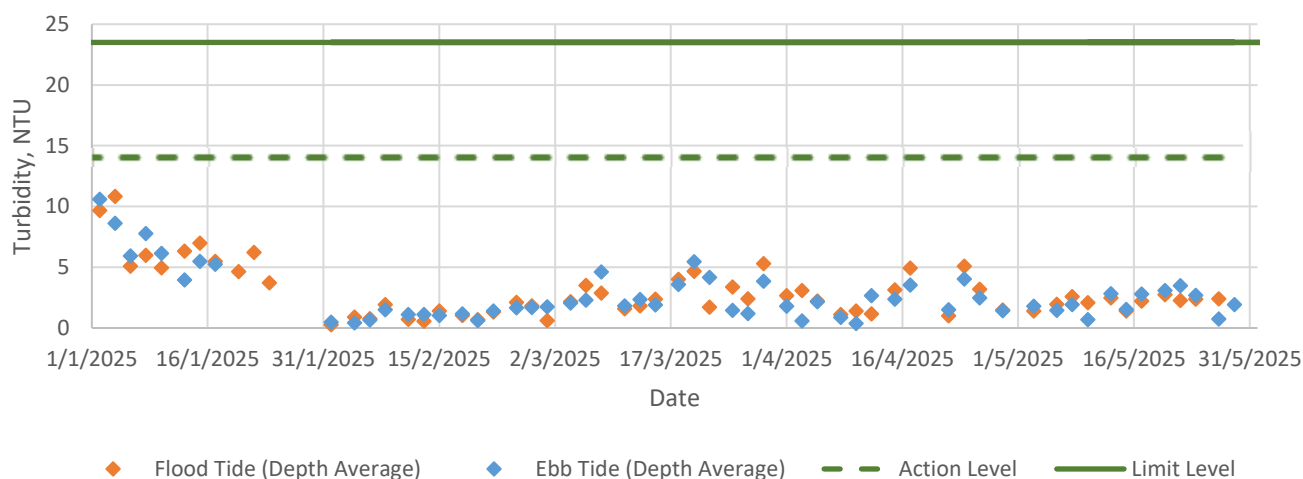
Appendix 3.3

Marine Water Quality Monitoring Graphical and Summary of Exceedance Presentations

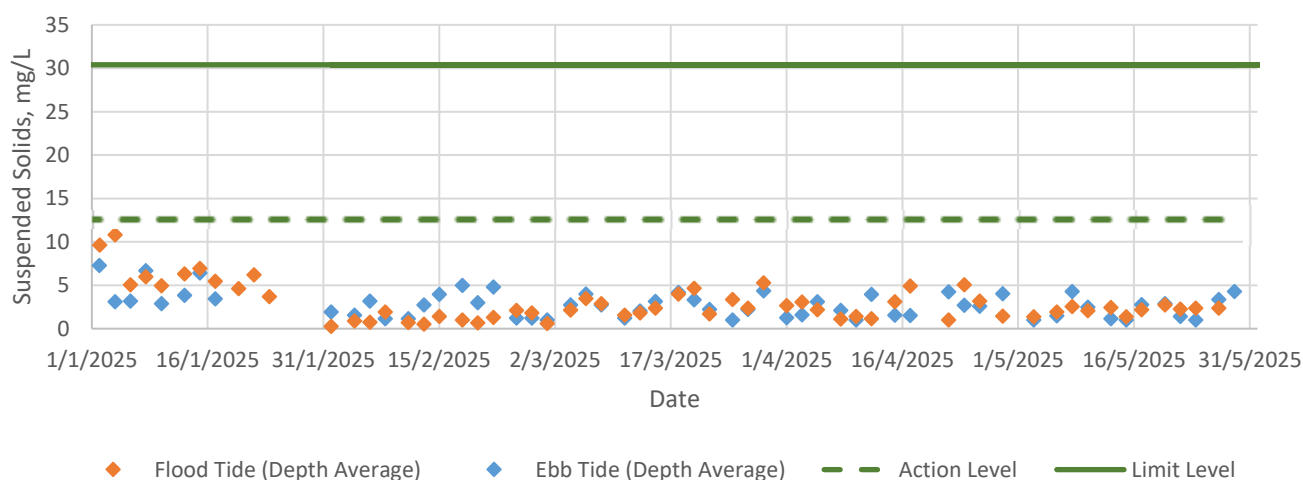
SR4 - Dissolved Oxygen



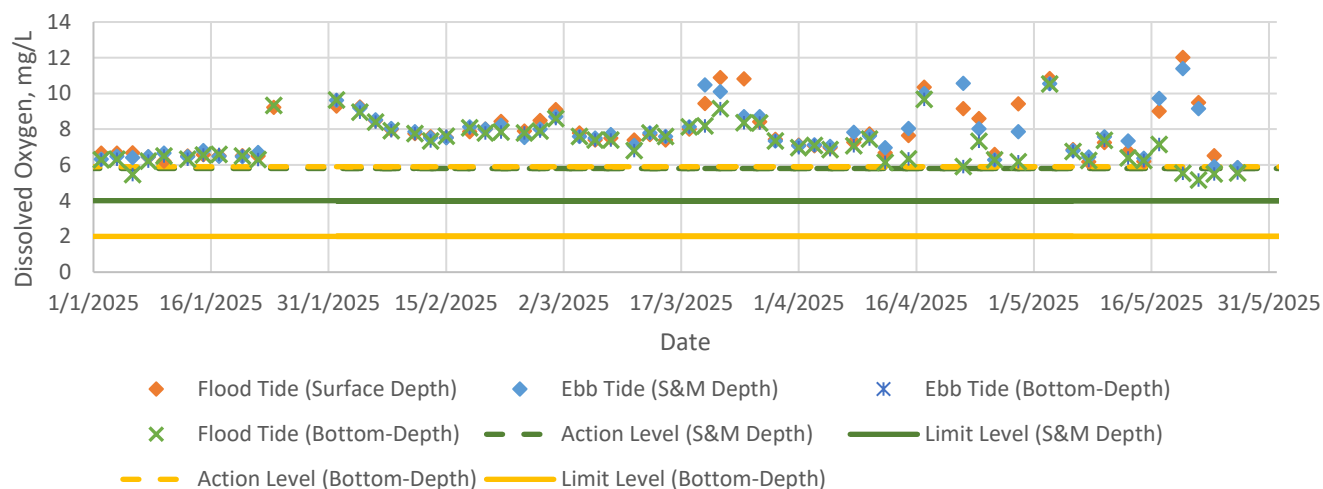
SR4 - Turbidity



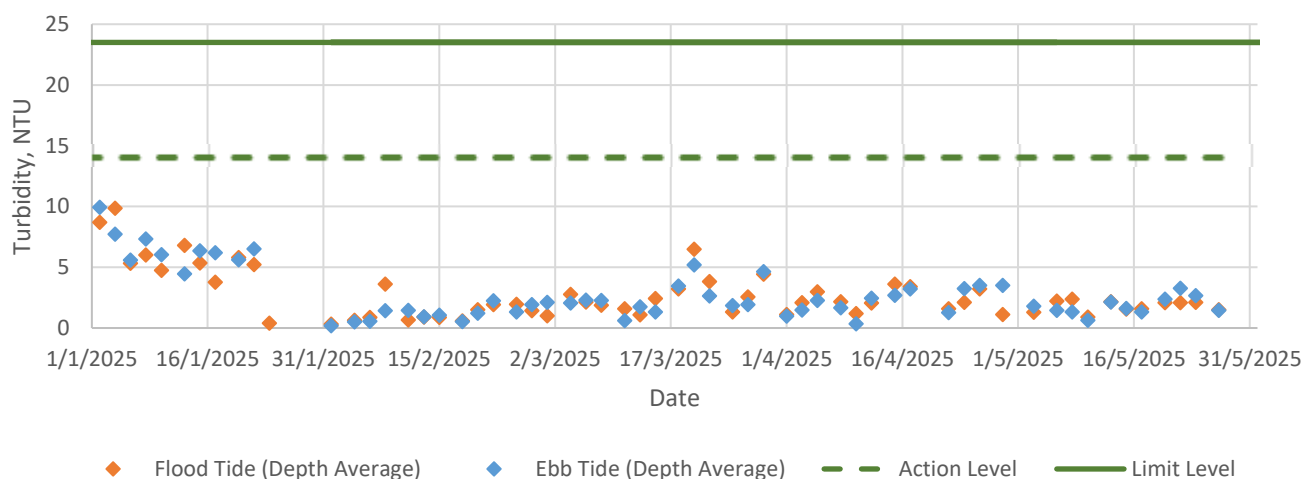
SR4 - Suspended Solids



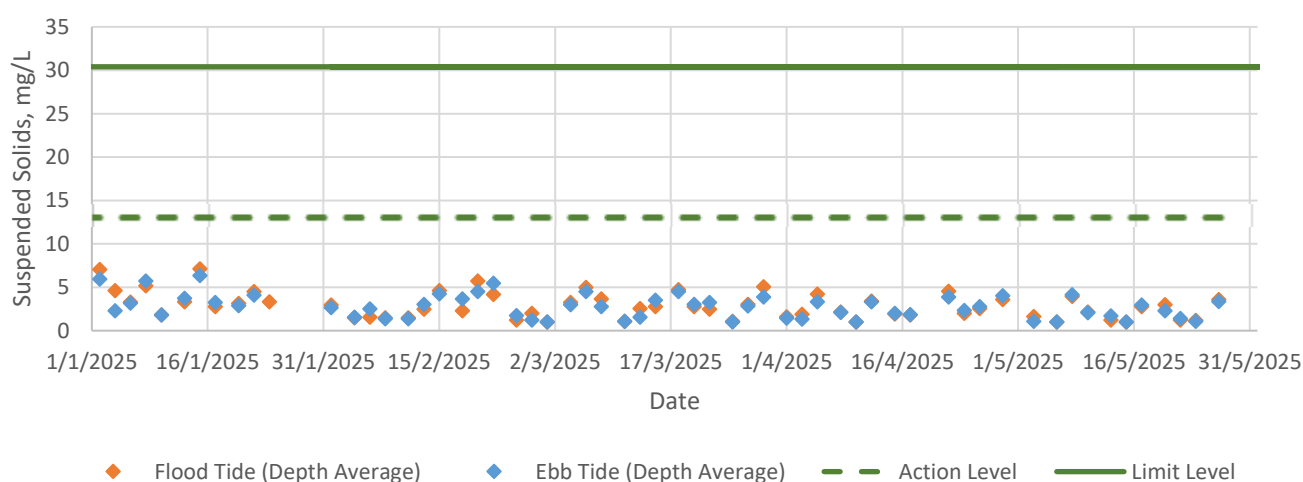
SR5 - Dissolved Oxygen



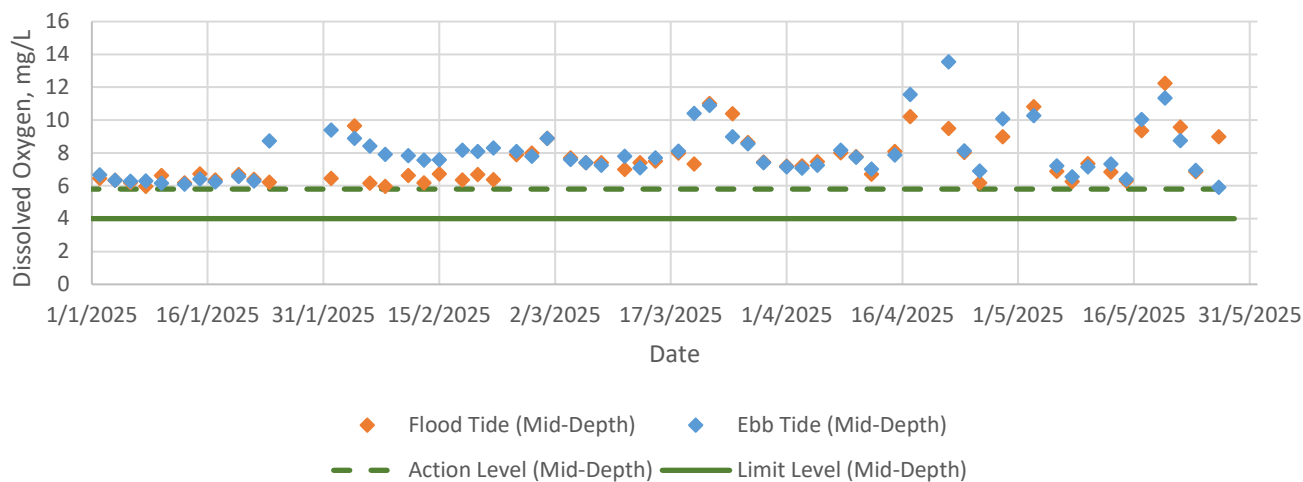
SR5 - Turbidity



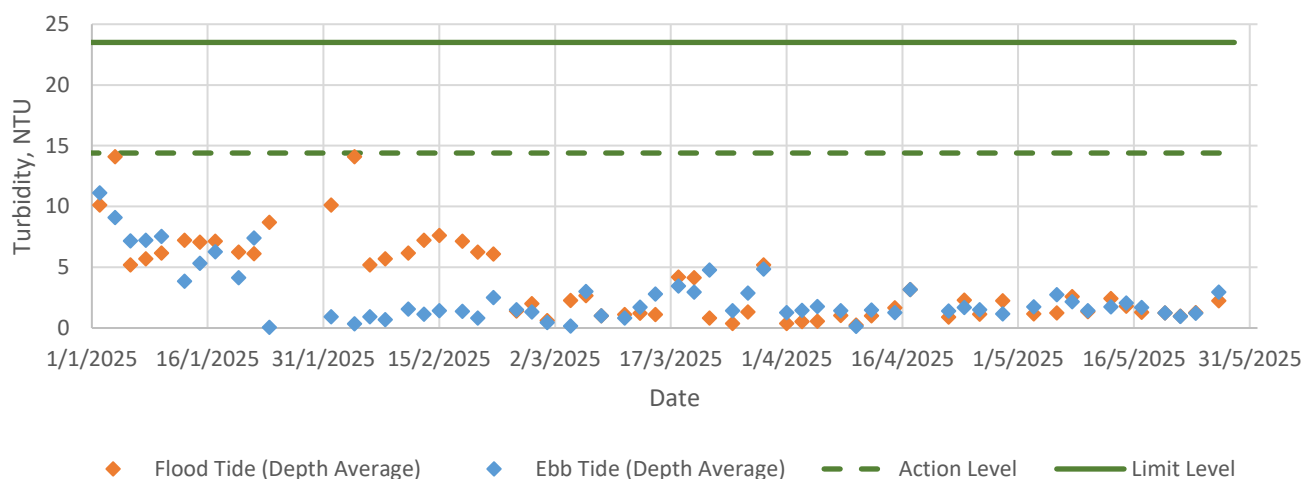
SR5 - Suspended Solids



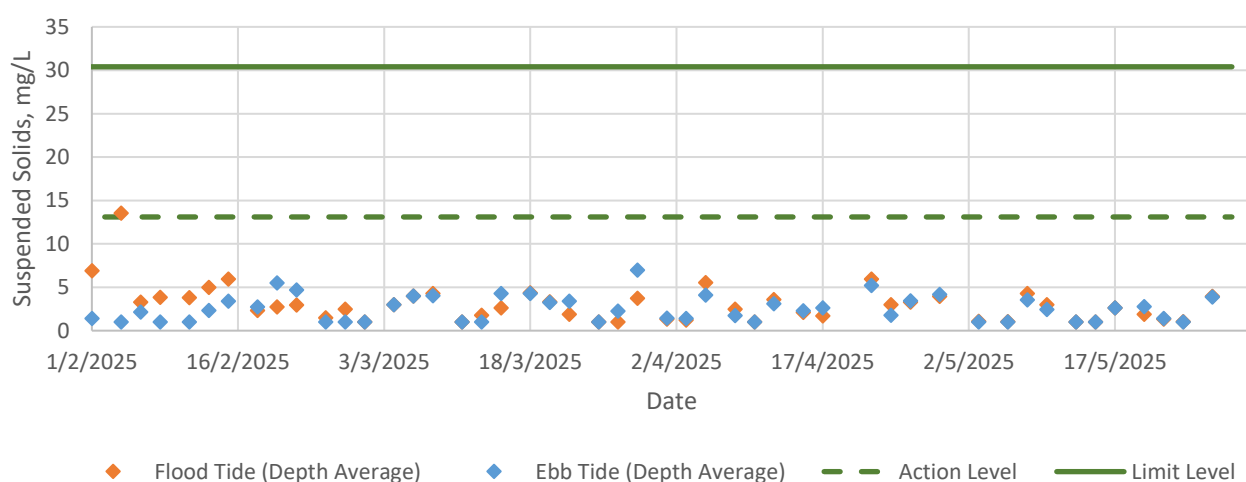
SR6 - Dissolved Oxygen



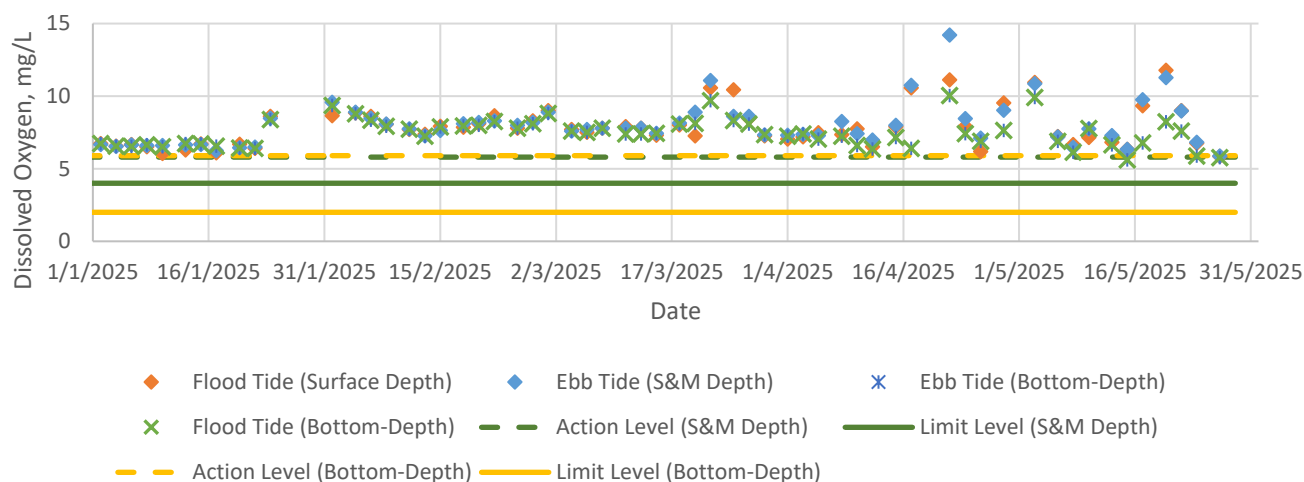
SR6 - Turbidity



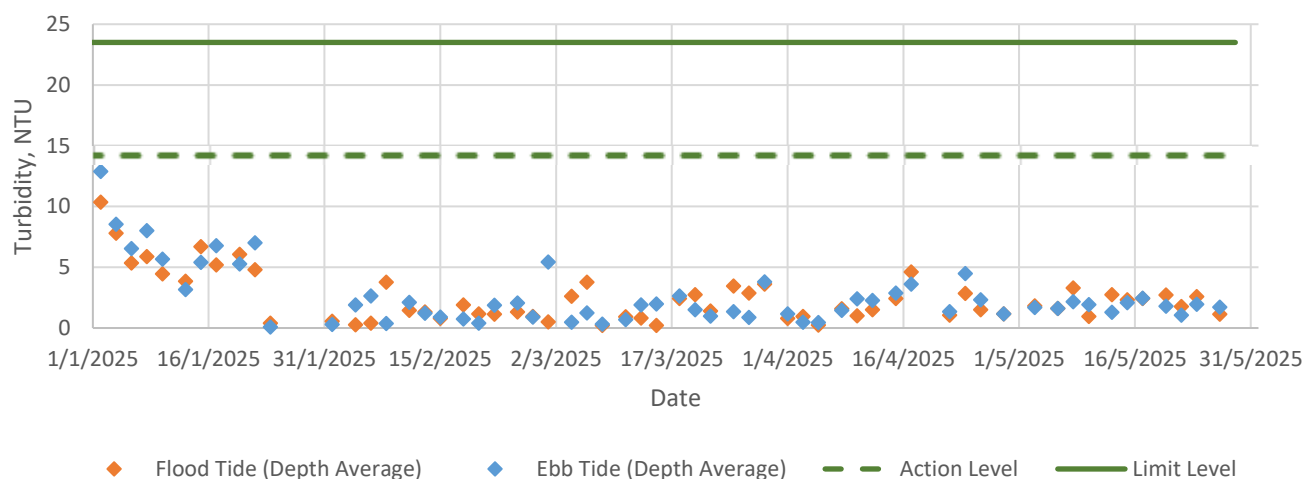
SR6 - Suspended Solids



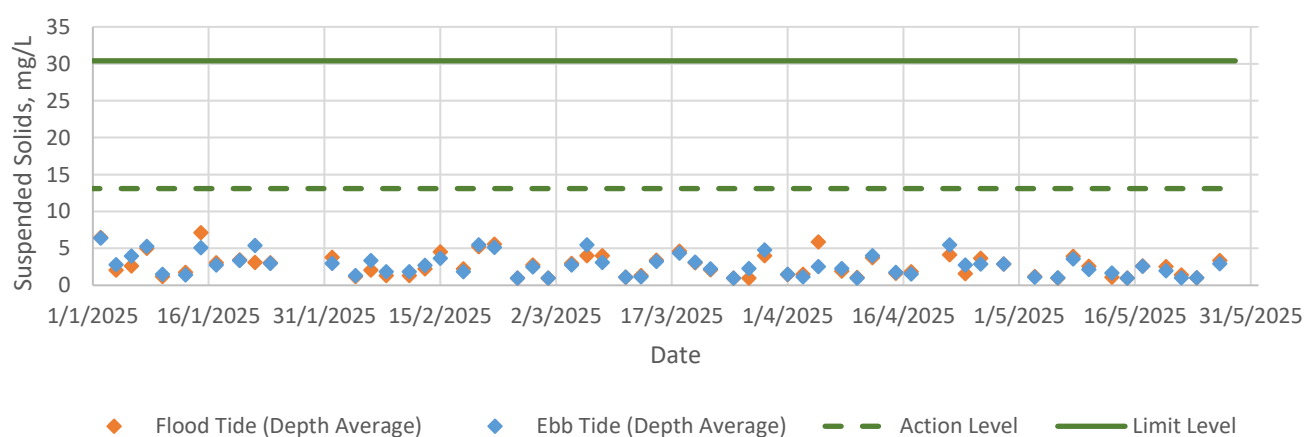
SR9 - Dissolved Oxygen



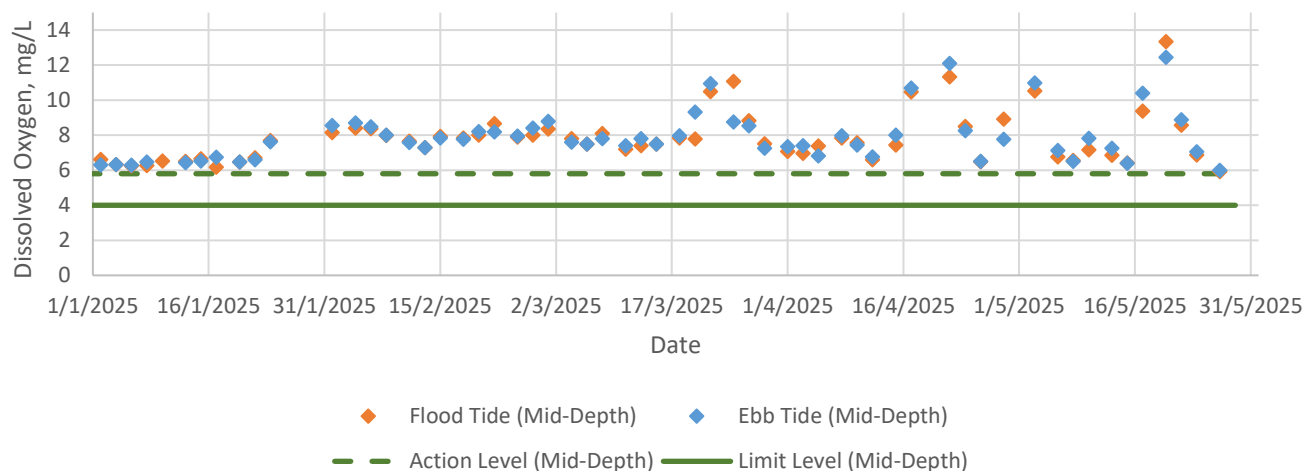
SR9 - Turbidity



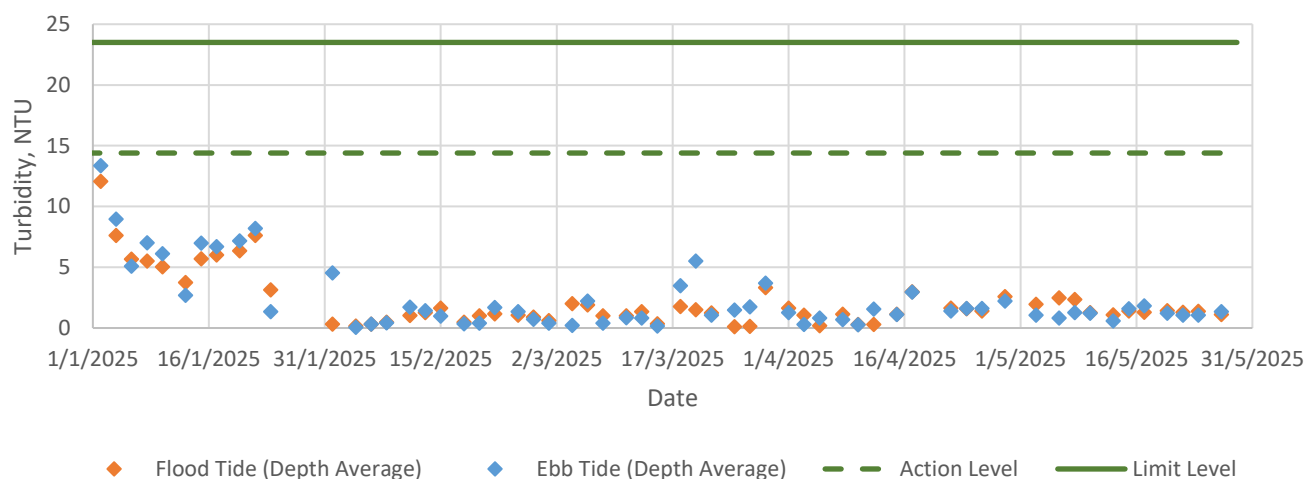
SR9 - Suspended Solids



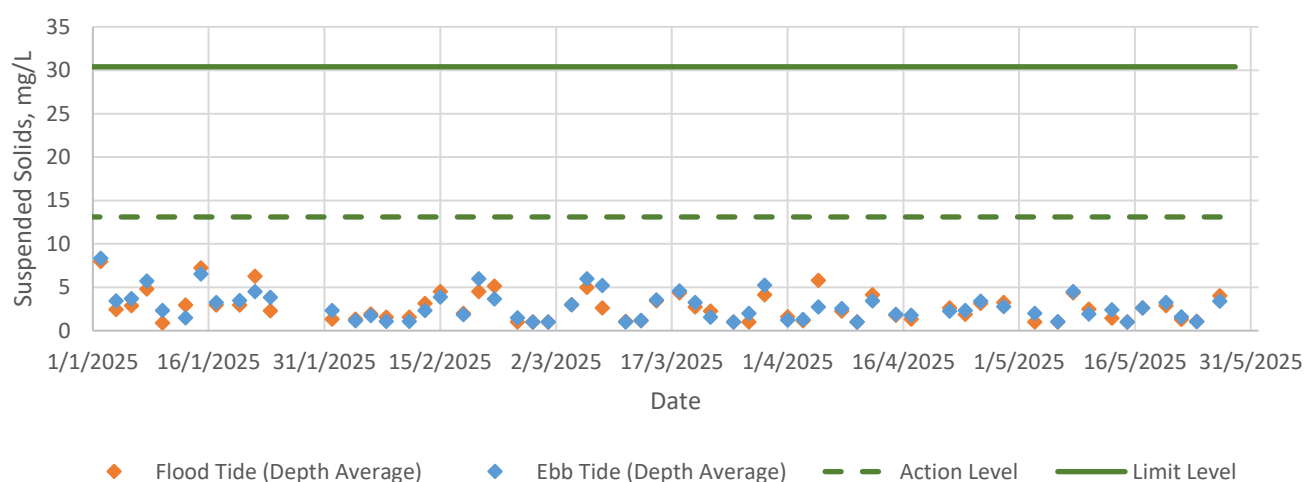
SR10 - Dissolved Oxygen



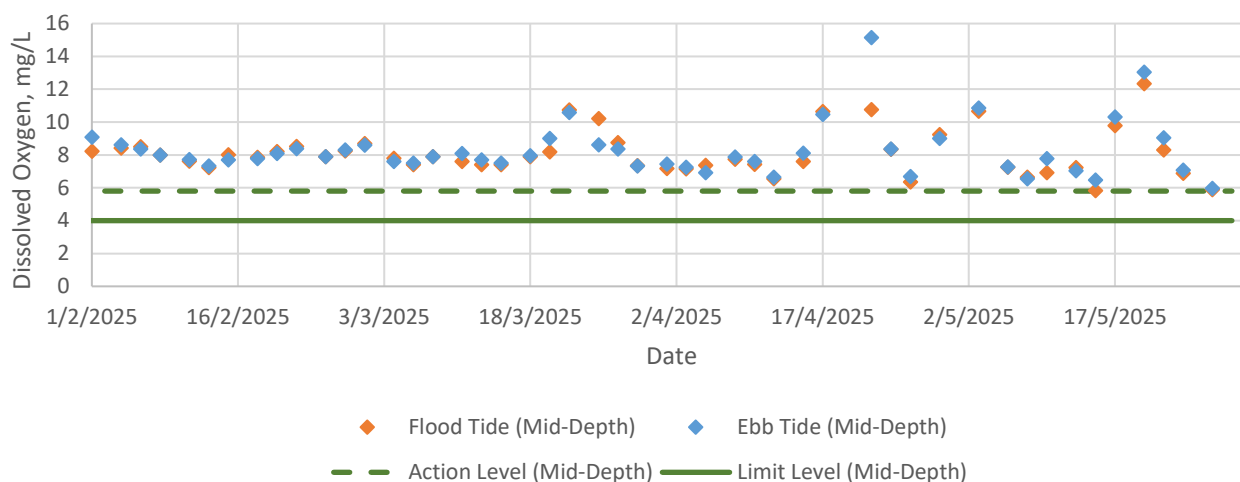
SR10 - Turbidity



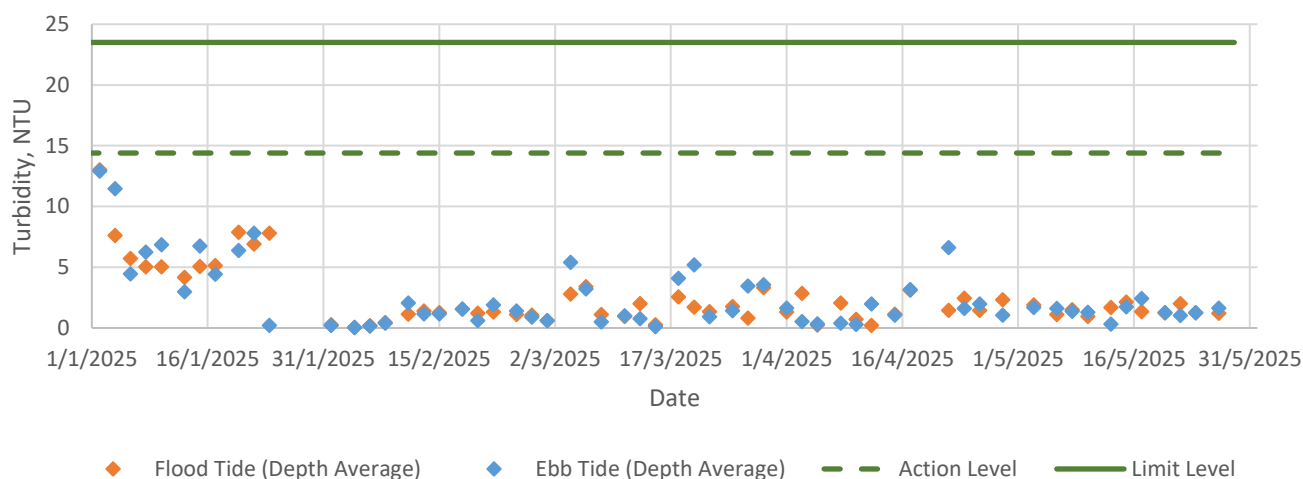
SR10 - Suspended Solids



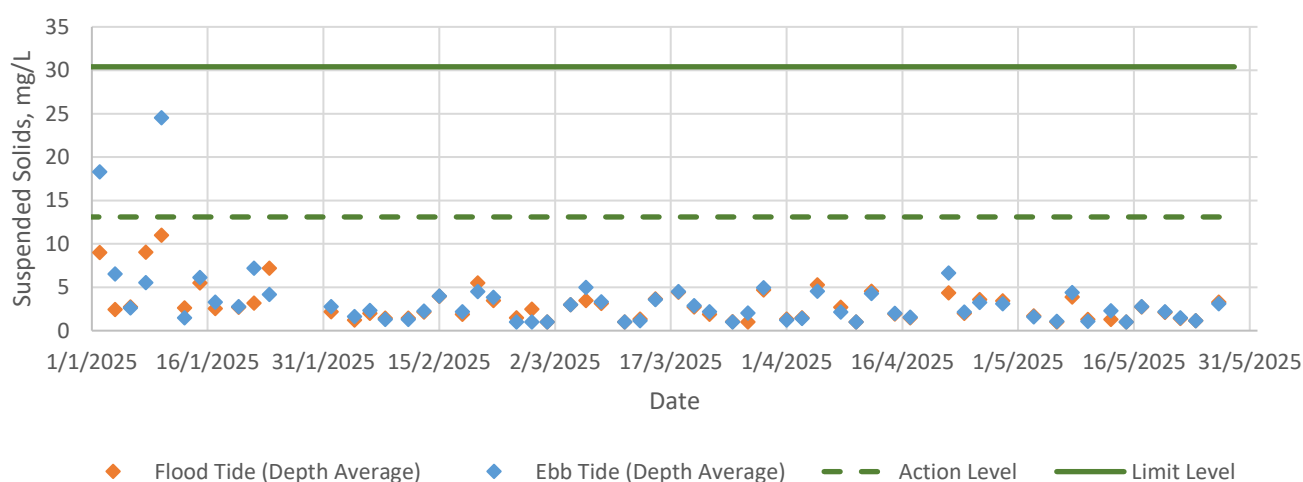
SR12 - Dissolved Oxygen



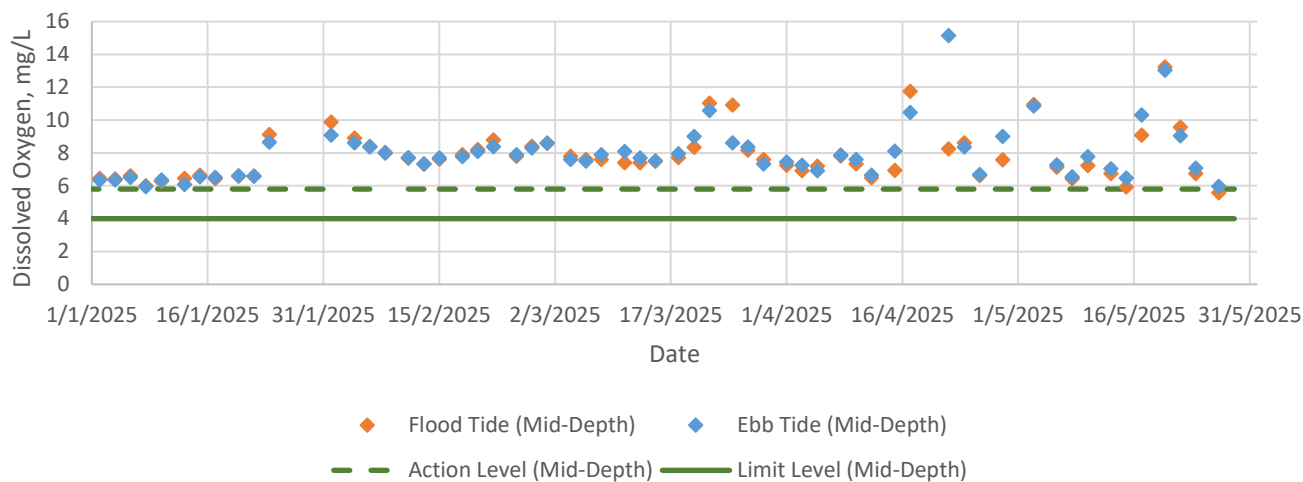
SR12 - Turbidity



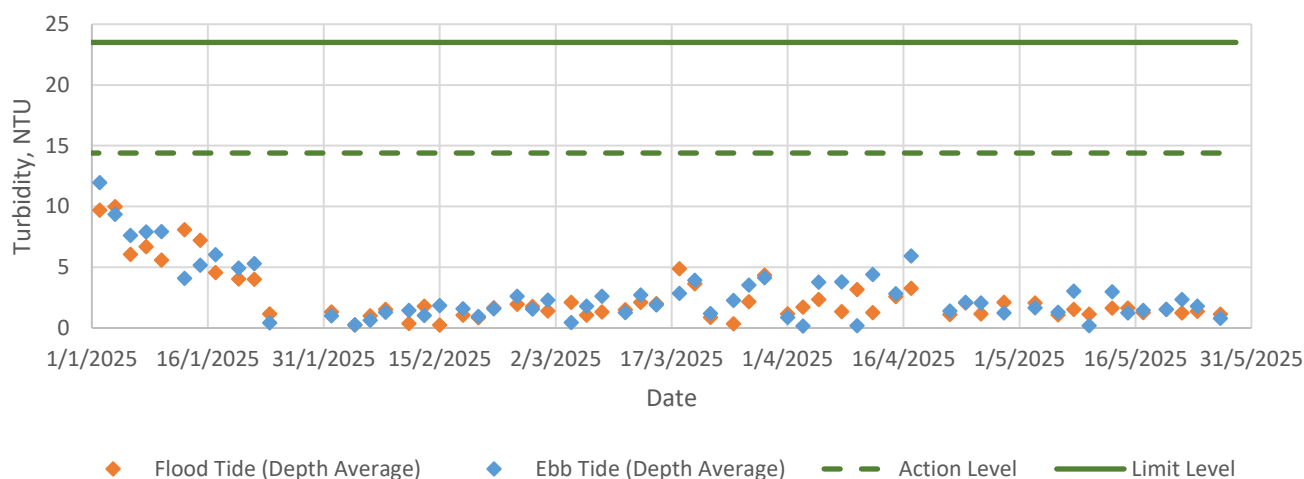
SR12 - Suspended Solids



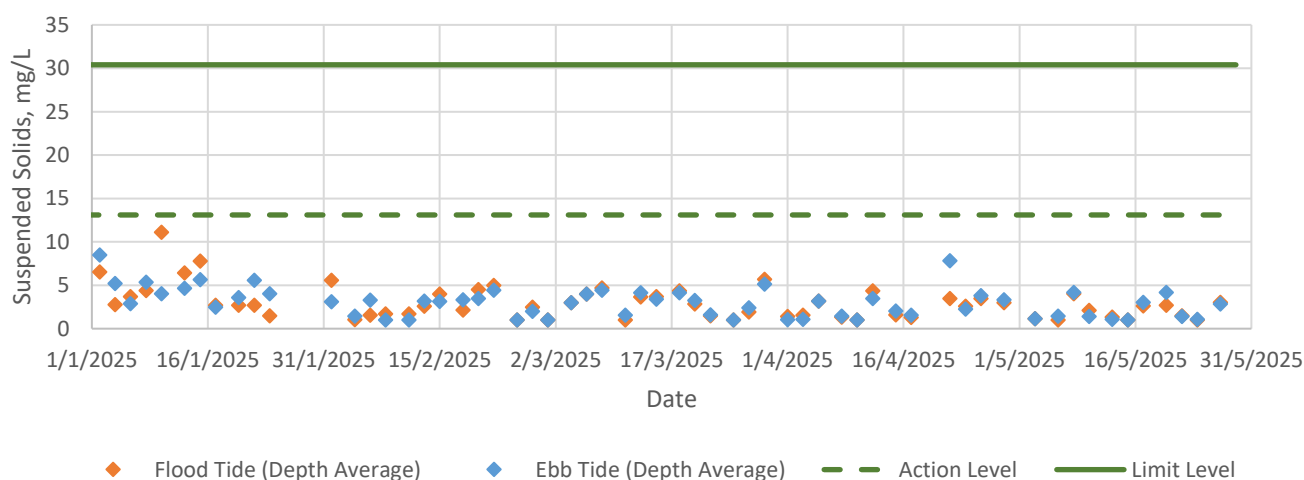
SR15 - Dissolved Oxygen



SR15 - Turbidity



SR15 - Suspended Solids





Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	13:15	13:16	8.6	Surface	1.0	18.7	8.1	33.92	88.9	6.72	6.6	8.79	9.8	8.1	8.3
	Fine	Moderate	13:16	13:17	8.6	Surface	1.0	20.0	8.1	34.13	87.3	6.65		8.87		6.2	
	Fine	Moderate	13:19	13:20	8.6	Middle	4.3	18.7	8.1	34.10	85.6	6.52		10.60		8.2	
	Fine	Moderate	13:20	13:21	8.6	Middle	4.3	18.7	8.1	34.03	84.3	6.44	6.9	10.50		9.4	
	Fine	Moderate	13:22	13:23	8.6	Bottom	7.6	18.7	8.1	34.02	90.1	6.88		9.79		9.4	
	Fine	Moderate	13:23	13:24	8.6	Bottom	7.6	18.7	8.1	34.09	89.6	6.82		10.10		8.7	
4/1/2025	Cloudy	Moderate	15:00	15:01	8.5	Surface	1.0	19.1	8.0	33.74	107.0	7.10	7.0	8.79	9.8	8.1	6.4
	Cloudy	Moderate	15:01	15:02	8.5	Surface	1.0	19.1	8.0	33.56	102.1	6.90		8.87		6.2	
	Cloudy	Moderate	15:04	15:05	8.5	Middle	4.3	19.0	8.0	34.10	102.2	7.00		10.50		6.0	
	Cloudy	Moderate	15:05	15:06	8.5	Middle	4.3	18.8	8.1	34.20	101.3	6.90	6.9	9.90		6.3	
	Cloudy	Moderate	15:07	15:08	8.5	Bottom	7.5	18.7	8.3	34.26	100.4	6.82		10.20		5.4	
	Cloudy	Moderate	15:08	15:09	8.5	Bottom	7.5	18.8	8.3	34.01	102.2	6.98		10.80		6.4	
6/1/2025	Fine	Moderate	16:48	16:49	8.7	Surface	1.0	18.2	8.1	34.27	93.0	6.81	6.7	8.80	9.6	4.9	5.3
	Fine	Moderate	16:49	16:50	8.7	Surface	1.0	18.2	8.1	34.10	91.8	6.70		8.50		5.4	
	Fine	Moderate	16:52	16:53	8.7	Middle	4.4	18.5	8.1	33.80	89.8	6.60		10.00		5.1	
	Fine	Moderate	16:53	16:54	8.7	Middle	4.4	18.4	8.1	33.90	88.4	6.50	6.4	10.90		5.6	
	Fine	Moderate	16:55	16:56	8.7	Bottom	7.7	18.2	8.1	33.60	85.8	6.40		9.50		5.4	
	Fine	Moderate	16:56	16:57	8.7	Bottom	7.7	18.5	8.1	33.60	84.3	6.30		10.10		5.5	
8/1/2025	Fine	Moderate	08:17	08:18	8.3	Surface	1.0	19.1	8.0	34.10	89.1	6.90	6.8	5.90	5.7	2.6	2.7
	Fine	Moderate	08:18	08:19	8.3	Surface	1.0	18.9	7.8	33.80	87.7	6.70		6.00		2.2	
	Fine	Moderate	08:21	08:22	8.3	Middle	4.2	18.9	8.0	33.80	87.9	6.80		5.40		3.3	
	Fine	Moderate	08:22	08:23	8.3	Middle	4.2	19.1	8.0	33.60	89.8	6.90	6.8	5.30		2.2	
	Fine	Moderate	08:24	08:25	8.3	Bottom	7.3	18.8	8.0	34.30	89.0	6.80		5.70		2.8	
	Fine	Moderate	08:25	08:26	8.3	Bottom	7.3	18.8	8.0	34.10	87.4	6.70		5.90		3.3	
10/1/2025	Fine	Moderate	09:58	09:59	8.5	Surface	1.0	18.5	8.1	34.00	87.8	6.64	6.7	7.00	7.4	6.8	7.4
	Fine	Moderate	09:59	10:00	8.5	Surface	1.0	18.3	8.1	34.10	89.1	6.80		7.10		6.5	
	Fine	Moderate	10:02	10:03	8.5	Middle	4.3	17.7	8.1	34.00	87.4	6.60		7.90		7.6	
	Fine	Moderate	10:03	10:04	8.5	Middle	4.3	17.8	8.1	33.70	90.1	6.90	6.6	8.00		6.6	
	Fine	Moderate	10:05	10:06	8.5	Bottom	7.5	17.5	8.1	33.70	84.3	6.50		7.10		7.4	
	Fine	Moderate	10:06	10:07	8.5	Bottom	7.5	17.7	8.1	33.50	85.6	6.60		7.40		9.2	
13/1/2025	Cloudy	Moderate	09:58	09:59	8.5	Surface	1.0	18.5	8.1	34.00	87.8	6.64	6.7	7.00	7.4	6.8	7.4
	Cloudy	Moderate	09:59	10:00	8.5	Surface	1.0	18.3	8.1	34.10	89.1	6.80		7.10		6.5	
	Cloudy	Moderate	10:02	10:03	8.5	Middle	4.3	17.7	8.1	34	87.4	6.60		7.90		7.6	
	Cloudy	Moderate	10:03	10:04	8.5	Middle	4.3	17.8	8.1	33.70	90.1	6.90	6.6	8.00		6.6	
	Cloudy	Moderate	10:05	10:06	8.5	Bottom	7.5	17.5	8.1	33.70	84.3	6.50		7.10		7.4	
	Cloudy	Moderate	10:06	10:07	8.5	Bottom	7.5	17.7	8.1	33.50	85.6	6.60		7.40		9.2	
15/1/2025	Cloudy	Moderate	12:30	12:31	8.6	Surface	1.0	18.5	8.0	33.10	90.2	6.80	6.7	7.30	6.5	3.0	3.0
	Cloudy	Moderate	12:31	12:32	8.6	Surface	1.0	18.4	8.0	33.00	91.8	6.90		7.10		3.1	
	Cloudy	Moderate	12:34	12:35	8.6	Middle	4.6	18.5	8.0	34.00	88.1	6.70		6.81		3.4	
	Cloudy	Moderate	12:35	12:36	8.6	Middle	4.6	18.5	8.0	33.80	86.1	6.50	6.7	7.00		3.0	
	Cloudy	Moderate	12:37	12:38	8.6	Bottom	7.6	18.4	8.0	33.50	87.2	6.60		5.70		3.5	
	Cloudy	Moderate	12:38	12:39	8.6	Bottom	7.6	18.2	8.0	33.70	88.5	6.70		5.38		2.2	
17/1/2025	Cloudy	Moderate	13:55	13:56	8.6	Surface	1.0	17.5	8.0	32.50	92.0	6.80	6.8	5.20	5.9	6.0	7.4
	Cloudy	Moderate	13:56	13:57	8.6	Surface	1.0	17.3	8.0	32.30	93.2	6.90		5.10		6.2	
	Cloudy	Moderate	13:59	14:00	8.6	Middle	4.3	17.2	8.0	33.30	92.4	6.80		6.10		7.0	
	Cloudy	Moderate	14:00	14:01	8.6	Middle	4.3	17.1	8.0	33.30	90.8	6.70	6.5	5.90		8.1	
	Cloudy	Moderate	14:02	14:03	8.6	Bottom	7.6	17.2	8.0	33.10	87.6	6.50		6.80		9.7	
	Cloudy	Moderate	14:03	14:04	8.6	Bottom	7.6	17.1	8.0	33.00	85.9	6.40		6.30		7.3	
20/1/2026	Cloudy	Moderate	15:40	15:41	8.5	Surface	1.0	17.1	8.2	33.70	84.9	6.70	6.7	4.90	5.3	3.6	3.3
	Cloudy	Moderate	15:41	15:42	8.5	Surface	1.0	17.0	8.2	34.00	86.0	6.80		4.70		3.4	
	Cloudy	Moderate	15:44	15:45	8.5	Middle	4.3	17.3	8.2	33.80	83.5	6.70		5.00		2.8	
	Cloudy	Moderate	15:45	15:46	8.5	Middle	4.3	17.1	8.2	33.50	85.6	6.70	6.8	5.20		3.0	
	Cloudy	Moderate	15:47	15:48	8.5	Bottom	7.5	17.6	8.2	34.10	89.6	6.80		6.00		3.4	
	Cloudy	Moderate	15:48	15:49	8.5	Bottom	7.5	17.5	8.2	34.00	84.0	6.80		6.20		3.3	
22/1/2026	Cloudy	Moderate	17:00	17:01	8.7	Surface	1.0	18.0	8.1	34.40	93.7	6.80	6.7	4.80	4.5	4.2	3.4
	Cloudy	Moderate	17:01	17:02	8.7	Surface	1.0	17.8	8.1	34.10	94.0	6.80		5.00		2.8	
	Cloudy	Moderate	17:04	17:05	8.7	Middle	4.4	17.9	8.1	34.00	84.8	6.50		4.70		3.3	
	Cloudy	Moderate	17:05	17:06	8.7	Middle	4.4	18.0	8.1	34.10	84.4	6.50	6.6	4.50		3.9	
	Cloudy	Moderate	17:07	17:08	8.7	Bottom	7.7	17.8	8.1	33.80	86.2	6.60		3.70		1.8	
	Cloudy	Moderate	17:08	17:09	8.7	Bottom	7.7	17.7	8.1	33.30	86.9	6.60		4.00		4.2	
24/1/2026	Cloudy	Moderate	18:55	18:56	8.6	Surface	1.0	18.0	8.0	34.00	98.4	6.90	6.8	4.40	4.4	5.0	5.2
	Cloudy	Moderate	18:56	18:57	8.6	Surface	1.0	18.0	8.0	34.00	97.0	6.80		4.30		5.0	
	Cloudy	Moderate	18:59	19:00	8.6	Middle	4.3	17.9	8.1	33.80	95.3	6.70		4.00		4.4	
	Cloudy	Moderate	19:00	19:01	8.6	Middle	4.3	17.8	8.1	33.80	94.1	6.70	6.8	3.80		4.1	
	Cloudy	Moderate	19:02	19:03	8.6	Bottom	7.6	17.6	8.1	34.10	95.7	6.80		5.00		7.0	
	Cloudy	Moderate	19:03	19:04	8.6	Bottom	7.6	17.9	8.1	34.10	94.6	6.70		5.10		5.7	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	09:48	09:49	8.4	Surface	1.0	18.6	8.1	34.62	87.7	6.80	6.7	7.84	8.7	7.5	6.2
	Fine	Moderate	09:49	09:50	8.4	Surface	1.0	18.5	8.1	33.91	86.9	6.68		8.09		4.3	
	Fine	Moderate	09:52	09:53	8.4	Middle	4.2	18.5	8.1	33.64	85.2	6.60		9.14		5.9	
	Fine	Moderate	09:53	09:54	8.4	Middle	4.2	18.7	8.1	33.74	86.4	6.65		8.87		5.0	
	Fine	Moderate	09:55	09:56	8.4	Bottom	7.4	18.7	8.1	33.81	88.1	6.86		9.04		8.1	
	Fine	Moderate	09:56	09:57	8.4	Bottom	7.4	18.6	8.1	33.73	86.6	6.65		9.17		6.4	
4/1/2025	Cloudy	Moderate	11:16	11:17	8.3	Surface	1.0	19.7	7.9	33.46	89.2	6.64	6.7	10.90	12.0	5.5	7.4
	Cloudy	Moderate	11:17	11:18	8.3	Surface	1.0	20.8	8.0	33.34	89.4	6.65		11.40		6.4	
	Cloudy	Moderate	11:20	11:21	8.3	Middle	4.2	19.7	7.9	33.64	92.4	6.70		12.30		6.5	
	Cloudy	Moderate	11:21	11:22	8.3	Middle	4.2	19.5	7.9	33.74	90.2	6.66		11.20		6.6	
	Cloudy	Moderate	11:23	11:24	8.3	Bottom	7.3	19.4	8.0	33.54	88.1	6.56		12.70		9.2	
	Cloudy	Moderate	11:24	11:25	8.3	Bottom	7.3	19.3	7.9	33.74	87.9	6.54		13.60		10.2	
6/1/2025	Fine	Moderate	12:31	12:32	8.4	Surface	1.0	19.2	8.1	33.80	89.7	6.70	6.8	9.20	9.1	4.9	5.3
	Fine	Moderate	12:32	12:33	8.4	Surface	1.0	19.7	8.1	33.60	89.4	6.70		9.10		5.4	
	Fine	Moderate	12:35	12:36	8.4	Middle	4.2	19.0	8.1	33.60	91.4	6.90		9.50		5.1	
	Fine	Moderate	12:36	12:37	8.4	Middle	4.2	19.0	8.1	33.70	90.1	6.80		9.50		5.5	
	Fine	Moderate	12:38	12:39	8.4	Bottom	7.4	18.8	8.1	33.80	89.9	6.60		8.40		5.4	
	Fine	Moderate	12:39	12:40	8.4	Bottom	7.4	18.8	8.1	34.10	85.9	6.50		8.70		5.5	
8/1/2025	Fine	Moderate	12:10	12:11	8.5	Surface	1.0	18.2	8.0	34.70	88.2	6.80	6.9	4.80	6.1	2.2	4.5
	Fine	Moderate	12:11	12:12	8.5	Surface	1.0	18.2	8.0	34.70	88.8	6.84		5.00		3.2	
	Fine	Moderate	12:14	12:15	8.5	Middle	4.3	18.5	8.0	34.40	91.3	6.90		5.70		3.2	
	Fine	Moderate	12:15	12:16	8.5	Middle	4.3	18.4	8.0	34.20	90.8	6.90		5.90		3.4	
	Fine	Moderate	12:17	12:18	8.5	Bottom	7.5	18.8	8.0	33.80	90.2	6.90		7.50		8.4	
	Fine	Moderate	12:18	12:19	8.5	Bottom	7.5	18.8	8.0	34.00	89.7	6.85		7.40		6.8	
10/1/2025	Fine	Moderate	13:27	13:28	8.6	Surface	1.0	17.5	8.1	34.10	85.9	6.70	6.7	8.40	8.1	7.4	7.2
	Fine	Moderate	13:28	13:29	8.6	Surface	1.0	17.7	8.1	34.00	86.5	6.70		8.00		7.2	
	Fine	Moderate	13:31	13:32	8.6	Middle	4.3	17.5	8.1	34.30	84.2	6.58		7.80		8.6	
	Fine	Moderate	13:32	13:33	8.6	Middle	4.3	17.5	8.1	34.40	86.1	6.70		7.50		5.8	
	Fine	Moderate	13:34	13:35	8.6	Bottom	7.6	17.2	8.1	34.30	89.6	6.60		8.60		7.7	
	Fine	Moderate	13:35	13:36	8.6	Bottom	7.6	17.4	8.1	34.10	90.1	6.90		8.34		6.3	
13/1/2025	Cloudy	Moderate	13:27	13:28	8.6	Surface	1.0	17.5	8.1	34.10	85.9	6.70	6.7	8.40	8.1	7.4	7.2
	Cloudy	Moderate	13:28	13:29	8.6	Surface	1.0	17.7	8.1	34.00	86.5	6.70		8.00		7.2	
	Cloudy	Moderate	13:31	13:32	8.6	Middle	4.3	17.5	8.1	34.3	84.2	6.58		7.80		8.6	
	Cloudy	Moderate	13:32	13:33	8.6	Middle	4.3	17.5	8.1	34.40	86.1	6.70		7.50		5.8	
	Cloudy	Moderate	13:34	13:35	8.6	Bottom	7.6	17.2	8.1	34.30	89.6	6.60		8.60		7.7	
	Cloudy	Moderate	13:35	13:36	8.6	Bottom	7.6	17.4	8.1	34.10	90.1	6.90		8.34		6.3	
15/1/2025	Cloudy	Moderate	09:12	09:13	8.3	Surface	1.0	18.6	8.1	33.9	83.90	6.50	6.5	6.60	6.2	6.0	4.3
	Cloudy	Moderate	09:13	09:14	8.3	Surface	1.0	18.8	8.1	33.9	89.30	6.40		6.60		6.2	
	Cloudy	Moderate	09:16	09:17	8.3	Middle	4.3	18.6	8.1	33.5	88.10	6.50		5.80		2.6	
	Cloudy	Moderate	09:17	09:18	8.3	Middle	4.3	18.6	8.1	33.6	86.40	6.40		5.30		3.6	
	Cloudy	Moderate	09:19	09:20	8.3	Bottom	7.3	18.5	8.1	33.9	85.30	6.50		6.30		3.5	
	Cloudy	Moderate	09:20	09:21	8.3	Bottom	7.3	18.7	8.1	33.8	86.10	6.50		6.60		4.0	
17/1/2025	Cloudy	Moderate	10:15	10:16	8.4	Surface	1.0	17.7	7.9	34.00	98.2	6.90	6.7	7.10	6.8	5.1	4.6
	Cloudy	Moderate	10:16	10:17	8.4	Surface	1.0	17.6	7.9	34.10	99.4	7.00		7.25		5.4	
	Cloudy	Moderate	10:17	10:18	8.4	Middle	4.2	18.6	8.1	33.50	88.1	6.52		5.80		2.6	
	Cloudy	Moderate	10:18	10:19	8.4	Middle	4.2	18.6	8.1	33.60	86.4	6.40		5.30		3.6	
	Cloudy	Moderate	10:22	10:23	8.4	Bottom	7.4	18.0	7.9	33.70	93.6	6.70		7.30		5.4	
	Cloudy	Moderate	10:23	10:24	8.4	Bottom	7.4	18.1	7.9	34.00	94.2	6.80		7.90		5.2	
20/1/2026	Cloudy	Moderate	11:03	11:04	8.3	Surface	1.0	17.1	7.9	34.40	88.7	6.90	6.9	3.80	5.0	2.8	2.6
	Cloudy	Moderate	11:04	11:05	8.3	Surface	1.0	17.3	7.9	34.10	89.8	6.90		4.00		2.2	
	Cloudy	Moderate	11:07	11:08	8.3	Middle	4.2	17.7	7.9	33.80	86.7	6.70		5.60		2.9	
	Cloudy	Moderate	11:08	11:09	8.3	Middle	4.2	18.0	7.9	34.00	88.8	6.90		5.60		2.2	
	Cloudy	Moderate	11:11	11:12	8.3	Bottom	7.3	18.2	7.9	33.80	86.3	6.70		5.30		3.0	
	Cloudy	Moderate	11:12	11:13	8.3	Bottom	7.3	18.0	7.9	33.70	86.5	6.70		5.90		2.6	
22/1/2026	Cloudy	Moderate	12:26	12:27	8.4	Surface	1.0	18.0	8.0	34.00	95.7	6.80	6.8	5.60	4.8	4.4	3.4
	Cloudy	Moderate	12:27	12:28	8.4	Surface	1.0	18.0	8.0	34.00	97.0	6.90		5.20		4.0	
	Cloudy	Moderate	12:30	12:31	8.4	Middle	4.2	18.0	8.0	33.80	94.0	6.80		4.80		3.6	
	Cloudy	Moderate	12:31	12:32	8.4	Middle	4.2	18.1	8.0	33.80	93.7	6.80		4.80		3.1	
	Cloudy	Moderate	12:33	12:34	8.4	Bottom	7.4	18.4	7.8	33.60	83.7	6.20		4.30		3.9	
	Cloudy	Moderate	12:34	12:35	8.4	Bottom	7.4	18.3	8.0	33.60	85.3	6.40		4.00		1.4	
24/1/2026	Cloudy	Moderate	10:20	10:21	8.2	Surface	1.0	18.2	8.1	34.00	94.8	6.80	6.9	3.50	4.5	2.5	2.6
	Cloudy	Moderate	10:21	10:22	8.2	Surface	1.0	18.4	8.0	34.10	94.0	6.80		4.00		2.3	
	Cloudy	Moderate	10:24	10:25	8.2	Middle	4.1	18.4	8.1	34.30	97.4	7.00		4.30		0.8	
	Cloudy	Moderate	10:25	10:26	8.2	Middle	4.1	18.5	8.0	34.10	97.6	7.00		4.40		2.8	
	Cloudy	Moderate	10:27	10:28	8.2	Bottom	7.2	18.6	8.0	33.30	94.6	6.90		5.60		3.3	
	Cloudy	Moderate	10:28	10:29	8.2	Bottom	7.2	18.7	8.0	34.40	93.7	6.80		5.10		3.8	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	14:54	14:55	8.7	Surface	1.0	18.8	8.1	33.85	84.4	6.79	6.8	7.94	8.2	3.1	3.8
	Fine	Moderate	14:55	14:56	8.7	Surface	1.0	18.7	8.1	33.96	84.3	6.77		7.67		3.8	
	Fine	Moderate	14:58	14:59	8.7	Middle	4.4	18.6	8.1	34.36	83.6	6.72		8.23		3.2	
	Fine	Moderate	14:59	15:00	8.7	Middle	4.4	18.8	8.1	34.24	86.1	6.85		8.57		4.3	
	Fine	Moderate	15:01	15:02	8.7	Bottom	7.7	18.8	8.1	34.15	90.2	7.01		8.64		3.9	
	Fine	Moderate	15:02	15:03	8.7	Bottom	7.7	18.6	8.1	33.85	87.1	6.96		8.21		5.0	
4/1/2025	Cloudy	Moderate	16:40	16:41	8.5	Surface	1.0	19.2	8.1	33.85	101.4	7.00	6.9	9.90	10.7	5.6	5.8
	Cloudy	Moderate	16:41	16:42	8.5	Surface	1.0	19.2	8.1	33.96	99.4	6.80		10.30		5.4	
	Cloudy	Moderate	16:44	16:45	8.5	Middle	4.3	19.1	8.1	33.24	99.6	6.80		10.70		4.9	
	Cloudy	Moderate	16:45	16:46	8.5	Middle	4.3	19.2	8.1	34.16	102.5	7.10		9.90		6.5	
	Cloudy	Moderate	16:47	16:48	8.5	Bottom	7.5	19.2	8.1	34.21	104.1	7.11		10.80		6.5	
	Cloudy	Moderate	16:48	16:49	8.5	Bottom	7.5	19.0	8.1	34.37	107.4	7.21		12.50		5.8	
6/1/2025	Fine	Moderate	18:12	18:13	8.6	Surface	1.0	19.0	8.1	33.90	95.6	6.90	6.9	12.20	13.7	5.1	5.7
	Fine	Moderate	18:13	18:14	8.6	Surface	1.0	18.5	8.1	34.10	93.4	6.80		13.00		4.9	
	Fine	Moderate	18:16	18:17	8.6	Middle	4.3	18.7	8.1	34.00	93.7	6.90		15.60		8.6	
	Fine	Moderate	18:17	18:18	8.6	Middle	4.3	18.9	8.1	33.90	93.4	6.90		13.90		3.3	
	Fine	Moderate	18:19	18:20	8.6	Bottom	7.6	18.8	8.1	34.20	93.6	6.90		13.40		6.7	
	Fine	Moderate	18:20	18:21	8.6	Bottom	7.6	18.6	8.1	34.20	94.3	6.90		14.20		5.5	
8/1/2025	Fine	Moderate	06:49	06:50	8.3	Surface	1.0	19.0	7.6	33.70	88.1	6.70	6.8	4.90	5.7	3.5	4.2
	Fine	Moderate	06:50	06:51	8.3	Surface	1.0	19.1	7.6	33.50	89.2	6.80		5.10		3.6	
	Fine	Moderate	06:53	06:54	8.3	Middle	4.2	19.0	7.6	33.80	93.4	6.80		6.30		6.2	
	Fine	Moderate	06:54	06:55	8.3	Middle	4.2	18.9	7.6	33.90	93.1	6.80		6.10		3.5	
	Fine	Moderate	06:56	06:57	8.3	Bottom	7.3	18.8	7.7	34.10	89.8	6.80		5.60		3.6	
	Fine	Moderate	06:57	06:58	8.3	Bottom	7.3	18.8	7.7	34.10	89.2	6.80		5.90		4.6	
10/1/2025	Fine	Moderate	08:15	08:16	8.4	Surface	1.0	18.4	7.3	33.60	89.8	6.70	6.6	6.70	6.6	5.8	5.4
	Fine	Moderate	08:16	08:17	8.4	Surface	1.0	18.4	7.3	33.40	87.0	6.60		6.20		7.4	
	Fine	Moderate	08:19	08:20	8.4	Middle	4.2	18.4	7.3	33.60	85.6	6.40		5.90		4.5	
	Fine	Moderate	08:20	08:21	8.4	Middle	4.2	18.3	7.3	33.70	86.5	6.50		6.20		4.7	
	Fine	Moderate	08:22	08:23	8.4	Bottom	7.4	18.3	7.3	33.60	76.9	6.50		7.30		5.6	
	Fine	Moderate	08:23	08:24	8.4	Bottom	7.4	18.4	7.3	33.40	85.7	6.40		7.00		4.2	
13/1/2025	Cloudy	Moderate	11:15	11:16	8.3	Surface	1.0	19.4	8.0	32.46	90.0	6.96	6.9	5.43	6.0	2.2	2.1
	Cloudy	Moderate	11:16	11:17	8.3	Surface	1.0	19.6	8.0	32.34	88.8	6.86		5.76		2.0	
	Cloudy	Moderate	11:19	11:20	8.3	Middle	4.2	19.2	8.0	33.3	89.2	6.90		5.8		1.8	
	Cloudy	Moderate	11:20	11:21	8.3	Middle	4.2	19.1	8.0	33.33	88.6	6.85		5.9		2.1	
	Cloudy	Moderate	11:22	11:23	8.3	Bottom	7.3	18.9	8.0	33.13	86.7	6.72		6.64		1.9	
	Cloudy	Moderate	11:23	11:24	8.3	Bottom	7.3	18.8	8.0	33.04	85.2	6.64		6.38		2.6	
15/1/2025	Cloudy	Moderate	14:05	14:06	8.6	Surface	1.0	18.7	8.1	34.02	87.8	6.78	6.8	5.56	5.5	2.6	2.6
	Cloudy	Moderate	14:06	14:07	8.6	Surface	1.0	18.5	8.1	34.17	86.1	6.67		5.74		2.4	
	Cloudy	Moderate	14:09	14:10	8.6	Middle	4.3	14.4	8.0	34.17	87.4	6.76		4.89		2.5	
	Cloudy	Moderate	14:10	14:11	8.6	Middle	4.3	18.5	8.0	33.94	90.5	6.88		4.95		3.0	
	Cloudy	Moderate	14:12	14:13	8.6	Bottom	7.6	18.3	8.0	33.82	88.4	6.84		6.12		2.3	
	Cloudy	Moderate	14:13	14:14	8.6	Bottom	7.6	18.2	8.0	33.95	90.7	6.94		5.93		3.0	
17/1/2025	Cloudy	Moderate	15:29	15:30	8.7	Surface	1.0	16.1	8.1	33.62	94.6	6.74	6.6	7.43	6.8	7.4	5.9
	Cloudy	Moderate	15:30	15:31	8.7	Surface	1.0	16.3	8.1	33.84	92.6	6.61		7.34		4.0	
	Cloudy	Moderate	15:33	15:34	8.7	Middle	4.4	16.3	8.1	33.74	91.8	6.55		6.58		6.3	
	Cloudy	Moderate	15:34	15:35	8.7	Middle	4.4	16.1	8.1	33.84	91.2	6.53		6.37		4.0	
	Cloudy	Moderate	15:36	15:37	8.7	Bottom	7.7	16.5	8.1	33.94	89.40	6.40		6.56		6.5	
	Cloudy	Moderate	15:37	15:38	8.7	Bottom	7.7	16.5	8.0	33.82	90.60	6.47		6.47		7.3	
20/1/2026	Cloudy	Moderate	17:09	17:10	8.6	Surface	1.0	17.4	8.1	33.74	88.4	6.59	6.5	5.94	5.7	3.3	3.0
	Cloudy	Moderate	17:10	17:11	8.6	Surface	1.0	17.5	8.1	33.86	88.1	6.57		5.86		3.2	
	Cloudy	Moderate	17:13	17:14	8.6	Middle	4.3	17.6	8.1	34.25	86.9	6.48		5.77		2.7	
	Cloudy	Moderate	17:14	17:15	8.6	Middle	4.3	17.4	8.1	34.44	85.6	6.38		5.94		3.5	
	Cloudy	Moderate	17:16	17:17	8.6	Bottom	7.6	17.2	8.1	34.42	87.8	6.52		5.37		2.4	
	Cloudy	Moderate	17:17	17:18	8.6	Bottom	7.6	17.4	8.1	34.23	85.2	6.35		5.11		2.8	
22/1/2026	Cloudy	Moderate	18:20	18:21	8.7	Surface	1.0	17.7	8.0	33.90	94.6	6.83	6.7	4.94	4.6	4.0	3.7
	Cloudy	Moderate	18:21	18:22	8.7	Surface	1.0	17.9	8.0	33.71	93.7	6.75		4.83		4.1	
	Cloudy	Moderate	18:24	18:25	8.7	Middle	4.4	17.7	8.0	33.64	93.3	6.70		4.27		3.0	
	Cloudy	Moderate	18:25	18:26	8.7	Middle	4.4	17.6	8.0	33.74	91.5	6.61		4.23		3.6	
	Cloudy	Moderate	18:27	18:28	8.7	Bottom	7.7	17.7	8.0	33.58	96.1	6.98		4.50		3.7	
	Cloudy	Moderate	18:28	18:29	8.7	Bottom	7.7	17.7	8.1	33.64	94.0	6.77		4.63		3.7	
24/1/2026	Cloudy	Moderate	18:23	18:24	8.7	Surface	1.0	17.7	8.0	33.78	97.5	6.81	6.8	6.74	6.9	6.6	4.6
	Cloudy	Moderate	18:24	18:25	8.7	Surface	1.0	17.9	8.0	34.02	96.1	6.66		6.64		6.2	
	Cloudy	Moderate	18:27	18:28	8.7	Middle	4.4	18.1	7.8	33.56	96.4	6.88		6.47		3.4	
	Cloudy	Moderate	18:28	18:29	8.7	Middle	4.4	18.0	7.9	33.74	94.8	6.78		6.78		3.6	
	Cloudy	Moderate	18:30	18:31	8.7	Bottom	7.7	18.0	8.0	34.24	94.0	6.74		7.36		3.8	
	Cloudy	Moderate	18:31	18:32	8.7	Bottom	7.7	17.9	8.0	34.11	93.7	6.70		7.40		4.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	08:10	08:11	8.2	Surface	1.0	19.2	7.8	33.61	90.4	6.90	6.8	4.87	7.2	5.6	3.8
	Fine	Moderate	08:11	08:12	8.2	Surface	1.0	19.4	7.8	33.60	90.1	6.88		5.70		4.5	
	Fine	Moderate	08:14	08:15	8.2	Middle	4.1	19.3	7.8	34.04	88.4	6.75		6.98		7.0	
	Fine	Moderate	08:15	08:16	8.2	Middle	4.1	19.1	7.8	34.10	88.8	6.79		7.47		6.2	
	Fine	Moderate	08:17	08:18	8.2	Bottom	7.2	19.0	7.9	33.71	88.9	6.72		9.27		6.9	
	Fine	Moderate	08:18	08:19	8.2	Bottom	7.2	19.1	7.9	33.56	88.6	6.87		8.89		6.4	
4/1/2025	Cloudy	Moderate	09:36	09:37	8.2	Surface	1.0	20.5	7.7	32.92	93.4	6.73	6.6	8.47	11.2	5.2	8.5
	Cloudy	Moderate	09:37	09:38	8.2	Surface	1.0	20.7	7.7	32.87	92.4	6.65		8.59		4.8	
	Cloudy	Moderate	09:40	09:41	8.2	Middle	4.1	20.2	7.7	33.19	89.8	6.48		10.90		9.2	
	Cloudy	Moderate	09:41	09:42	8.2	Middle	4.1	20.2	7.7	33.22	89.9	6.48		9.87		10.7	
	Cloudy	Moderate	09:43	09:44	8.2	Bottom	7.2	20.1	7.8	33.64	87.7	6.39		13.90		11.0	
	Cloudy	Moderate	09:44	09:45	8.2	Bottom	7.2	20.1	7.8	33.70	89.0	6.44		15.20		10.0	
6/1/2025	Fine	Moderate	11:00	11:01	8.4	Surface	1.0	19.6	8.0	33.74	86.6	6.84	6.8	10.40	11.1	3.6	5.1
	Fine	Moderate	11:01	11:02	8.4	Surface	1.0	19.7	8.0	33.62	86.2	6.82		11.00		4.0	
	Fine	Moderate	11:04	11:05	8.4	Middle	4.2	19.5	8.0	33.70	85.9	6.78		10.60		3.8	
	Fine	Moderate	11:05	11:06	8.4	Middle	4.2	19.4	8.0	33.78	86.9	6.84		8.97		3.5	
	Fine	Moderate	11:07	11:08	8.4	Bottom	7.4	19.8	8.0	33.25	82.2	6.51		12.40		7.6	
	Fine	Moderate	11:08	11:09	8.4	Bottom	7.4	19.7	8.0	33.89	83.6	6.55		13.10		7.9	
8/1/2025	Fine	Moderate	13:19	13:20	8.4	Surface	1.0	18.6	8.0	33.98	96.4	6.92	6.7	8.12	8.4	3.1	4.2
	Fine	Moderate	13:20	13:21	8.4	Surface	1.0	18.4	8.1	34.01	95.0	6.75		7.94		4.1	
	Fine	Moderate	13:23	13:24	8.4	Middle	4.2	18.2	8.0	34.12	88.2	6.53		9.01		4.1	
	Fine	Moderate	13:24	13:25	8.4	Middle	4.2	18.3	8.0	34.05	90.8	6.65		9.34		3.7	
	Fine	Moderate	13:26	13:27	8.4	Bottom	7.4	18.1	8.0	34.17	89.6	6.57		8.12		3.8	
	Fine	Moderate	13:27	13:28	8.4	Bottom	7.4	18.0	8.0	34.26	87.6	6.44		7.91		6.6	
10/1/2025	Fine	Moderate	14:59	15:00	8.6	Surface	1.0	18.3	8.0	33.15	84.3	6.64	6.7	8.79	10.3	8.3	8.0
	Fine	Moderate	15:00	15:01	8.6	Surface	1.0	18.2	8.0	33.26	82.2	6.52		9.11		4.2	
	Fine	Moderate	15:03	15:04	8.6	Middle	4.3	18.1	8.0	33.74	86.7	6.76		12.00		7.1	
	Fine	Moderate	15:04	15:05	8.6	Middle	4.3	18.1	8.0	33.67	85.3	6.68		10.95		11.7	
	Fine	Moderate	15:06	15:07	8.6	Bottom	7.6	18.0	8.0	34.24	88.4	6.83		9.84		8.5	
	Fine	Moderate	15:07	15:08	8.6	Bottom	7.6	18.0	8.0	34.51	86.3	6.72		11.30		8.2	
13/1/2025	Cloudy	Moderate	17:36	17:37	8.6	Surface	1.0	17.7	8.0	34.05	86.0	6.64	6.6	7.01	6.4	2.5	2.1
	Cloudy	Moderate	17:37	17:38	8.6	Surface	1.0	17.8	8.1	33.95	87.2	6.72		6.50		2.3	
	Cloudy	Moderate	17:40	17:41	8.6	Middle	4.3	17.7	8.0	33.83	83.5	6.44		6.1		2.4	
	Cloudy	Moderate	17:41	17:42	8.6	Middle	4.3	17.5	8.0	33.87	85.6	6.59		6.4		2.6	
	Cloudy	Moderate	17:43	17:44	8.6	Bottom	7.6	17.5	8.1	34.51	83.2	6.40		5.84		1.8	
	Cloudy	Moderate	17:44	17:45	8.6	Bottom	7.6	17.6	8.1	34.34	84.9	6.51		6.61		1.0	
15/1/2025	Cloudy	Moderate	07:33	07:34	8.2	Surface	1.0	20.1	8.0	32.24	90.0	6.74	6.5	4.19	4.4	3.0	2.9
	Cloudy	Moderate	07:34	07:35	8.2	Surface	1.0	20.3	8.0	32.14	90.5	6.78		4.35		2.9	
	Cloudy	Moderate	07:37	07:38	8.2	Middle	4.1	19.4	8.0	32.74	87.5	6.43		4.25		3.1	
	Cloudy	Moderate	07:38	07:39	8.2	Middle	4.1	19.2	8.0	32.88	85.1	6.32		4.33		2.9	
	Cloudy	Moderate	07:40	07:41	8.2	Bottom	7.2	19.4	8.0	33.15	87.1	6.40		4.84		3.0	
	Cloudy	Moderate	07:41	07:42	8.2	Bottom	7.2	19.6	10.0	33.09	88.3	6.49		4.44		2.3	
17/1/2025	Cloudy	Moderate	08:41	08:42	8.2	Surface	1.0	18.6	7.6	32.91	90.5	6.82	6.8	7.74	8.1	7.8	8.8
	Cloudy	Moderate	08:42	08:43	8.2	Surface	1.0	18.5	7.7	32.87	90.6	6.81		7.65		6.5	
	Cloudy	Moderate	08:45	08:46	8.2	Middle	4.1	17.5	7.8	33.61	89.6	6.78		7.44		8.6	
	Cloudy	Moderate	08:46	08:47	8.2	Middle	4.1	17.5	7.8	33.54	88.2	6.76		7.62		7.0	
	Cloudy	Moderate	08:48	08:49	8.2	Bottom	7.2	17.4	7.8	33.42	84.6	6.52		8.97		12.8	
	Cloudy	Moderate	08:49	08:50	8.2	Bottom	7.2	17.5	7.8	33.38	85.1	6.58		9.13		9.8	
20/1/2026	Cloudy	Moderate	09:30	09:31	8.2	Surface	1.0	17.8	7.8	33.84	87.1	6.85	6.7	4.08	4.0	3.5	3.2
	Cloudy	Moderate	09:31	09:32	8.2	Surface	1.0	18.0	7.8	33.54	86.5	6.77		3.89		2.4	
	Cloudy	Moderate	09:34	09:35	8.2	Middle	4.1	17.8	7.8	33.84	84.0	6.64		4.39		3.6	
	Cloudy	Moderate	09:35	09:36	8.2	Middle	4.1	17.6	7.8	34.00	84.9	6.70		4.17		3.0	
	Cloudy	Moderate	09:37	09:38	8.2	Bottom	7.2	17.5	7.9	24.08	86.4	6.78		3.56		2.8	
	Cloudy	Moderate	09:38	09:39	8.2	Bottom	7.2	17.7	7.9	33.94	88.7	6.87		3.71		3.8	
22/1/2026	Cloudy	Moderate	10:52	10:53	8.3	Surface	1.0	18.1	7.9	33.52	96.2	6.87	6.8	3.20	3.1	2.8	2.7
	Cloudy	Moderate	10:53	10:54	8.3	Surface	1.0	18.1	7.8	33.41	94.6	6.77		3.37		1.6	
	Cloudy	Moderate	10:56	10:57	8.3	Middle	4.2	18.5	7.8	33.38	95.3	6.82		3.12		3.7	
	Cloudy	Moderate	10:57	10:58	8.3	Middle	4.2	18.4	7.9	33.19	95.7	6.84		3.04		2.9	
	Cloudy	Moderate	10:59	11:00	8.3	Bottom	7.3	18.3	7.9	33.56	95.3	6.82		2.94		2.0	
	Cloudy	Moderate	11:00	11:01	8.3	Bottom	7.3	18.0	7.9	33.79	97.0	6.89		3.02		3.0	
24/1/2026	Cloudy	Moderate	08:54	08:55	8.1	Surface	1.0	18.2	7.9	33.24	96.9	6.98	6.9	5.36	5.4	4.6	5.6
	Cloudy	Moderate	08:55	08:56	8.1	Surface	1.0	18.1	7.9	33.15	95.8	6.89		5.54		5.4	
	Cloudy	Moderate	08:56	08:57	8.1	Middle	4.1	18.4	7.9	33.73	94.4	6.75		4.59		6.2	
	Cloudy	Moderate	08:59	09:00	8.1	Middle	4.1	18.2	7.9	33.59	94.0	6.89		4.75		7.1	
	Cloudy	Moderate	09:01	09:02	8.1	Bottom	7.1	18.1	7.9	33.80	96.1	6.89		6.04		6.2	
	Cloudy	Moderate	09:02	09:03	8.1	Bottom	7.1	18.2	7.9	34.12	96.3			6.23		3.8	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	14:26	14:27	3.7	Surface	1.0	18.7	8.1	33.97	85.3	6.54	6.6	5.19	5.4	2.7	2.6
	Fine	Moderate	14:27	14:28	3.7	Surface	1.0	18.8	8.0	33.86	95.9	6.57		5.34		2.5	
	Cloudy	Moderate	14:28	14:29	3.7	Bottom	2.7	18.4	8.1	34.47	81.3	6.41	6.4	5.64		2.8	
	Cloudy	Moderate	14:29	14:30	3.7	Bottom	2.7	18.5	8.1	34.25	83.5	6.47		5.53		2.2	
4/1/2025	Cloudy	Moderate	16:12	16:13	3.9	Surface	1.0	19.2	8.1	34.01	94.9	6.38	6.3	10.40	10.6	8.2	7.3
	Cloudy	Moderate	16:13	16:14	3.9	Surface	1.0	19.2	8.1	33.83	92.9	6.19		11.80		9.7	
	Cloudy	Moderate	16:14	16:15	3.9	Bottom	2.9	19.1	8.1	24.17	95.6	6.43	6.3	10.40		6.4	
	Cloudy	Moderate	16:15	16:16	3.9	Bottom	2.9	19.1	8.1	34.25	92.2	6.24		9.79		4.7	
6/1/2025	Fine	Moderate	17:49	17:50	3.8	Surface	1.0	19.8	8.1	34.15	89.4	6.42	6.5	9.13	8.6	2.0	3.1
	Fine	Moderate	17:50	17:51	3.8	Surface	1.0	20.0	8.1	34.27	91.2	6.54		9.02		3.3	
	Fine	Moderate	17:51	17:52	3.8	Bottom	2.8	20.0	8.1	33.86	90.6	6.48	6.4	8.28		2.6	
	Fine	Moderate	17:52	17:53	3.8	Bottom	2.8	19.7	8.1	33.74	88.8	6.40		8.04		4.5	
8/1/2025	Fine	Moderate	07:14	07:15	3.5	Surface	1.0	18.8	7.8	34.07	85.8	6.68	6.7	6.37	5.9	3.7	3.2
	Fine	Moderate	07:15	07:16	3.5	Surface	1.0	18.4	7.8	34.25	86.0	6.71		6.11		2.3	
	Fine	Moderate	07:16	07:17	3.5	Bottom	2.8	18.8	7.8	33.42	94.3	6.63	6.6	5.40		3.1	
	Fine	Moderate	07:17	07:18	3.5	Bottom	2.5	18.7	7.8	33.53	83.2	6.56		5.82		3.7	
10/1/2025	Fine	Moderate	08:52	08:53	3.8	Surface	1.0	18.2	7.5	33.73	83.3	6.45	6.4	8.37	7.8	8.7	6.7
	Fine	Moderate	08:53	08:54	3.8	Surface	1.0	18.6	7.5	33.93	82.2	6.38		8.01		7.8	
	Fine	Moderate	08:54	08:55	3.8	Bottom	2.8	18.1	7.6	33.62	85.3	6.67	6.6	7.42		4.6	
	Fine	Moderate	08:55	08:56	3.8	Bottom	2.8	18.0	7.6	33.77	84.0	6.58		7.29		5.6	
13/1/2025	Cloudy	Moderate	11:42	11:43	3.3	Surface	1.0	18.6	8.0	33.47	86.9	6.71	6.7	6.47	6.1	2.2	2.9
	Cloudy	Moderate	11:43	11:44	3.3	Surface	1.0	18.6	8.0	33.61	87.4	6.75		6.19		2.2	
	Cloudy	Moderate	11:44	11:45	3.3	Bottom	2.3	18.7	8.1	33.50	84.0	6.53	6.5	6.02		3.4	
	Cloudy	Moderate	11:55	11:56	3.3	Bottom	2.3	18.4	8.1	33.58	85.5	6.55		5.86		3.8	
15/1/2025	Cloudy	Moderate	13:39	13:40	3.6	Surface	1.0	18.6	8.1	33.27	85.9	6.58	6.6	4.73	3.9	3.2	3.9
	Cloudy	Moderate	13:40	13:41	3.6	Surface	1.0	18.5	8.1	33.19	85.7	6.57		4.08		3.0	
	Cloudy	Moderate	13:41	13:43	3.6	Bottom	2.6	18.2	8.1	33.64	84.9	6.52	6.5	3.84		3.3	
	Cloudy	Moderate	13:42	#REF!	3.6	Bottom	2.6	18.2	8.1	33.92	84.3	6.50		3.10		5.9	
17/1/2025	Cloudy	Moderate	15:04	15:05	3.8	Surface	1.0	17.0	8.0	33.91	94.8	6.52	6.6	5.07	5.5	7.5	6.4
	Cloudy	Moderate	15:05	15:06	3.8	Surface	1.0	16.5	8.0	33.84	96.0	6.61		4.89		6.2	
	Cloudy	Moderate	15:06	16:53	3.8	Bottom	2.8	17.0	8.1	33.24	89.2	6.55	6.5	5.87		6.0	
	Cloudy	Moderate	15:07	16:54	3.8	Bottom	2.8	16.9	8.0	33.44	86.9	6.41		6.03		6.0	
20/1/2026	Cloudy	Moderate	16:50	16:51	3.8	Surface	1.0	17.3	8.2	33.42	84.1	6.67	6.7	4.98	5.2	4.0	3.5
	Cloudy	Moderate	16:51	16:52	3.8	Surface	1.0	17.4	8.1	33.59	83.3	6.63		4.21		3.2	
	Cloudy	Moderate	16:52	17:59	3.8	Bottom	2.8	17.4	8.2	33.54	94.7	6.57	6.6	5.51		3.3	
	Cloudy	Moderate	16:53	18:00	3.8	Bottom	2.8	17.6	8.1	33.60	85.1	6.60		6.24		3.3	
22/1/2026	Cloudy	Moderate	17:55	17:56	4	Surface	1.0	17.6	8.1	33.99	93.2	6.64	6.7	3.47	4.2	3.1	3.1
	Cloudy	Moderate	17:56	17:57	4	Surface	1.0	17.4	8.1	34.02	94.7	6.75		3.51		2.6	
	Cloudy	Moderate	17:58	#REF!	4	Bottom	3.0	17.4	8.1	33.90	92.4	6.54	6.6	4.90		3.6	
	Cloudy	Moderate	17:59	#REF!		Bottom	3.0	17.5	8.1	33.84	93.5	6.66		4.79		3.1	
24/1/2026	Cloudy	Moderate	17:58	17:59	3.8	Surface	1.0	17.6	8.0	33.39	84.9	6.64	6.6	6.04	6.6	4.8	4.7
	Cloudy	Moderate	17:59	18:00	3.8	Surface	1.0	17.8	8.0	33.41	82.4	6.48		6.29		5.9	
	Cloudy	Moderate	18:00	18:01	3.8	Bottom	2.8	17.4	8.1	33.36	82.5	6.49	6.4	6.99		4.0	
	Cloudy	Moderate	18:01	18:02	3.8	Bottom	2.8	17.5	8.1	33.25	80.3	6.35		7.25		4.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	08:37	08:38	3.3	Surface	1.0	19.0	7.9	33.93	87.2	6.67	6.7	8.64	8.7	7.0	6.9
	Fine	Moderate	08:38	08:39	3.3	Surface	1.0	20.0	8.0	33.90	86.1	6.65		8.83		6.6	
	Cloudy	Moderate	08:39	08:40	33	Bottom	2.3	19.9	7.9	33.74	85.4	6.63	6.6	8.99		6.2	
	Cloudy	Moderate	08:40	08:41	33	Bottom	2.3	19.9	7.9	33.91	85.1	6.60		8.42		7.7	
4/1/2025	Cloudy	Moderate	10:04	10:05	3.6	Surface	1.0	19.9	7.9	33.40	86.2	6.42	6.3	9.89	9.7	6.4	6.4
	Cloudy	Moderate	10:05	10:06	3.6	Surface	1.0	19.9	7.9	33.29	85.4	6.27		10.20		5.7	
	Cloudy	Moderate	10:106	#####	3.6	Bottom	2.6	18.7	7.9	33.57	84.8	6.59	6.5	9.50		6.4	
	Cloudy	Moderate	10:07	10:08	3.6	Bottom	2.6	19.0	7.8	33.68	83.6	6.50		9.04		6.9	
6/1/2025	Fine	Moderate	11:28	11:29	3.6	Surface	1.0	18.8	8.1	33.74	87.8	6.64	6.6	9.74	10.8	2.9	5.4
	Fine	Moderate	11:29	11:30	3.6	Surface	1.0	19.0	8.1	33.99	87.2	6.51		9.93		2.4	
	Fine	Moderate	11:30	11:31	3.6	Bottom	2.6	18.1	7.9	33.19	86.6	6.46	6.4	12.40		6.0	
	Fine	Moderate	11:31	11:32	3.6	Bottom	2.6	18.2	7.9	33.46	85.6	6.40		11.20		10.4	
8/1/2025	Fine	Moderate	13:12	13:13	3.7	Surface	1.0	18.4	7.9	33.64	85.9	6.51	6.6	5.42	5.1	4.0	3.4
	Fine	Moderate	13:13	13:14	3.7	Surface	1.0	18.6	7.9	33.84	87.5	6.65		5.69		3.0	
	Fine	Moderate	13:14	13:15	3.7	Bottom	2.7	17.9	8.0	34.27	88.7	6.70	6.7	4.82		2.9	
	Fine	Moderate	13:15	13:16	3.7	Bottom	2.7	17.9	7.9	34.16	89.4	6.76		4.37		3.8	
10/1/2025	Fine	Moderate	14:33	14:34	4	Surface	1.0	17.6	7.9	33.94	81.4	6.35	6.3	6.19	6.0	5.0	5.1
	Fine	Moderate	14:34	14:35	4	Surface	1.0	17.6	7.9	33.86	80.0	6.20		6.79		4.6	
	Fine	Moderate	14:36	14:37	4	Bottom	3.0	18.3	8.1	34.26	82.3	6.46	6.5	5.32		5.7	
	Fine	Moderate	14:37	14:38	4	Bottom	3.0	18.1	8.1	34.10	83.5	6.51		5.64		5.0	
13/1/2025	Cloudy	Moderate	17:10	17:11	3.6	Surface	1.0	18.1	8.1	33.72	82.1	6.35	6.4	4.37	4.9	1.9	2.0
	Cloudy	Moderate	17:11	17:12	3.6	Surface	1.0	18.0	8.1	33.84	83.6	6.43		4.51		2.0	
	Cloudy	Moderate	17:12	17:13	3.6	Bottom	2.6	18.7	8.0	34.26	82.0	6.36	6.4	5.29		2.2	
	Cloudy	Moderate	17:13	17:14	3.6	Bottom	2.6	18.7	8.0	34.01	84.1	6.45		5.61		1.7	
15/1/2025	Cloudy	Moderate	08:00	08:01	3.2	Surface	1.0	19.0	8.0	33.25	81.8	6.20	6.3	6.04	6.3	4.6	5.2
	Cloudy	Moderate	08:01	08:02	3.2	Surface	1.0	19.1	8.0	33.14	83.2	6.37		5.56		3.3	
	Cloudy	Moderate	08:01	08:02	3.2	Middle	2.2	17.9	7.8	33.66	82.4	6.31		6.95		6.6	
	Cloudy	Moderate	08:02	08:03	3.2	Bottom	2.2	17.8	7.8	33.47	80.0	6.15	6.4	6.69		6.4	
17/1/2025	Cloudy	Moderate	09:08	09:09	3.5	Surface	1.0	17.7	8.0	33.74	89.6	6.56	6.6	6.90	7.0	6.2	6.2
	Cloudy	Moderate	09:09	09:10	3.5	Surface	1.0	17.6	8.0	33.49	89.8	6.57		7.33		6.1	
	Cloudy	Moderate	09:10	09:11	3.5	Bottom	2.5	17.8	7.9	33.54	90.3	6.68	6.7	6.95		6.8	
	Cloudy	Moderate	09:11	09:12	3.5	Bottom	2.5	17.9	7.9	33.30	89.2	6.62		6.69		5.6	
20/1/2026	Cloudy	Moderate	09:55	09:56	3.5	Surface	1.0	17.8	7.8	34.12	80.9	6.35	6.3	4.03	5.5	2.8	2.9
	Cloudy	Moderate	09:56	09:57	3.5	Surface	1.0	17.6	7.8	33.84	79.6	6.24		4.24		2.9	
	Cloudy	Moderate	09:57	09:58	3.5	Bottom	2.5	17.6	7.9	34.26	79.0	6.20	6.2	6.94		2.5	
	Cloudy	Moderate	09:58	09:59	3.5	Bottom	2.5	17.5	7.9	34.07	76.8	6.14		6.66		3.2	
22/1/2026	Cloudy	Moderate	11:18	11:19	3.7	Surface	1.0	18.3	7.9	33.19	88.3	6.29	6.3	4.57	4.6	3.0	3.3
	Cloudy	Moderate	11:19	11:20	3.7	Surface	1.0	18.1	7.9	33.24	88.6	6.30		4.24		3.9	
	Cloudy	Moderate	11:20	11:21	3.7	Bottom	2.7	18.4	7.9	33.70	88.0	6.25	6.2	4.99		3.7	
	Cloudy	Moderate	11:21	11:22	3.7	Bottom	2.7	18.2	7.9	33.74	86.9	6.18		4.73		2.7	
24/1/2026	Cloudy	Moderate	09:19	09:20	3.2	Surface	1.0	18.2	7.9	34.10	91.0	6.58	6.6	7.37	6.2	5.0	4.9
	Cloudy	Moderate	09:20	09:21	3.2	Surface	1.0	18.1	7.9	33.93	92.5	6.62		7.07		5.1	
	Cloudy	Moderate	09:21	09:22	3.2	Bottom	2.2	18.2	7.9	33.73	92.3	6.68	6.7	5.12		4.2	
	Cloudy	Moderate	09:22	09:23	3.2	Bottom	2.2	17.7	7.9	33.61	93.4	6.74		5.37		5.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	14:16	14:17	4.3	Surface	1.0	18.7	8.1	34.09	81.9	6.37	6.4	4.24	4.5	1.3	1.1
	Fine	Moderate	14:17	14:18	4.3	Surface	1.0	18.5	8.1	34.26	82.8	6.44		4.42		1.0	
	Cloudy	Moderate	14:19	14:20	4.3	Bottom	3.3	18.6	8.0	33.74	87.6	6.69	6.7	4.79		1.0	
	Cloudy	Moderate	14:20	14:21	4.3	Bottom	3.3	18.7	8.1	33.60	85.0	6.63		4.54		1.0	
4/1/2025	Cloudy	Moderate	16:00	16:01	4.1	Surface	1.0	19.1	8.1	34.01	94.0	6.30	6.3	9.47	9.9	6.1	6.0
	Cloudy	Moderate	16:01	16:02	4.1	Surface	1.0	19.1	8.1	33.83	95.0	6.33		9.07		4.5	
	Cloudy	Moderate	16:03	16:04	4.1	Bottom	3.1	19.1	8.1	34.10	92.4	6.24	6.3	10.40		7.0	
	Cloudy	Moderate	16:04	16:05	4.1	Bottom	3.1	19.1	8.1	34.10	94.6	6.32		10.80		6.2	
6/1/2025	Fine	Moderate	17:41	17:42	4	Surface	1.0	19.7	8.1	33.99	90.6	6.44	6.5	7.59	7.7	1.9	2.3
	Fine	Moderate	17:42	17:43	4	Surface	1.0	18.7	8.1	34.19	92.7	6.53		7.29		1.9	
	Fine	Moderate	17:44	17:45	4	Bottom	3.0	19.9	8.1	33.99	88.0	6.39	6.3	8.02		2.2	
	Fine	Moderate	17:45	17:46	4	Bottom	3.0	19.8	8.1	33.80	86.4	6.24		7.91		3.2	
8/1/2025	Fine	Moderate	09:00	09:01	3.9	Surface	1.0	18.7	7.8	34.09	86.2	6.36	6.4	5.09	5.6	3.4	3.2
	Fine	Moderate	07:25	07:26	3.6	Surface	1.0	18.7	7.8	33.89	88.4	6.45		5.28		2.8	
	Fine	Moderate	07:26	07:27	3.6	Bottom	2.6	18.7	7.8	33.99	88.8	6.46	5.5	5.84		3.3	
	Fine	Moderate	07:27	07:28	3.6	Bottom	2.6	18.6	7.8	34.08	90.1	4.48		6.12		3.2	
10/1/2025	Fine	Moderate	09:00	09:01	3.9	Surface	1.0	18.5	7.6	33.61	83.7	6.55	6.5	6.43	7.3	4.9	5.8
	Fine	Moderate	09:01	09:02	3.9	Surface	1.0	18.5	7.6	33.59	81.6	6.37		6.03		7.6	
	Fine	Moderate	08:54	08:55	3.9	Bottom	2.9	18.0	7.6	34.07	80.6	6.30	6.2	8.27		4.1	
	Fine	Moderate	08:55	08:56	3.9	Bottom	2.9	18.1	7.6	33.95	78.8	6.12		8.54		6.4	
13/1/2025	Cloudy	Moderate	11:53	11:54	3.7	Surface	1.0	18.2	8.0	33.43	87.2	6.67	6.7	6.37	6.0	0.6	1.8
	Cloudy	Moderate	11:54	11:55	3.7	Surface	1.0	19.5	8.1	33.19	87.0	6.66		6.05		2.2	
	Cloudy	Moderate	11:55	11:56	3.7	Bottom	2.7	18.4	8.1	33.47	84.9	6.56	6.5	5.69		3.2	
	Cloudy	Moderate	11:56	11:57	3.7	Bottom	2.7	18.2	8.0	33.65	82.6	6.45		6.00		1.3	
15/1/2025	Cloudy	Moderate	13:29	13:30	4	Surface	1.0	18.8	8.0	33.54	82.8	6.44	6.5	3.69	4.5	2.3	3.8
	Cloudy	Moderate	13:30	13:31	3.7	Surface	1.0	18.6	8.0	33.37	83.3	6.49		3.62		6.2	
	Cloudy	Moderate	13:41	13:42	4	Bottom	2.7	18.5	8.1	33.62	81.4	6.29	6.3	5.17		3.2	
	Cloudy	Moderate	13:42	13:43	3.7	Bottom	2.7	18.7	8.1	33.97	82.3	6.36		5.34		3.3	
17/1/2025	Cloudy	Moderate	14:53	14:54	4	Surface	1.0	17.0	8.2	33.74	96.5	6.85	6.8	6.24	6.4	6.0	6.4
	Cloudy	Moderate	14:54	14:55	4	Surface	1.0	17.3	8.2	33.94	94.0	6.77		5.80			
	Cloudy	Moderate	15:06	16:42	4	Bottom	3.0	17.1	8.0	33.71	92.4	6.63	6.6	6.64		7.3	
	Cloudy	Moderate	15:07	16:43	4	Bottom	3.0	17.4	8.0	33.74	90.6	6.48		6.74		5.8	
20/1/2026	Cloudy	Moderate	16:38	16:39	4	Surface	1.0	17.4	8.1	34.12	83.2	6.44	6.5	6.47	6.2	3.0	3.3
	Cloudy	Moderate	16:39	16:40	4	Surface	1.0	17.3	8.1	34.02	84.1	6.53		6.04		3.3	
	Cloudy	Moderate	16:41	16:42	4	Bottom	3.0	18.0	8.2	33.64	82.8	6.60	6.6	5.84		3.3	
	Cloudy	Moderate	16:42	16:43	4	Bottom	3.0	17.8	8.2	33.90	82.3	6.58		6.36		3.5	
22/1/2026	Cloudy	Moderate	17:54	17:55	4.3	Surface	1.0	17.8	8.0	33.90	91.0	6.45	6.5	5.04	5.6	2.1	2.9
	Cloudy	Moderate	17:55	17:56	4.3	Surface	1.0	17.7	8.0	33.92	91.2	6.48		5.24		3.6	
	Cloudy	Moderate	17:58	17:59	4.3	Bottom	3.3	17.6	8.1	34.13	91.1	6.43	6.5	6.12		2.6	
	Cloudy	Moderate	17:59	18:00	4.3	Bottom	3.3	17.7	8.1	34.01	93.3	6.56		6.04		3.3	
24/1/2026	Cloudy	Moderate	17:47	17:48	4.1	Surface	1.0	17.9	8.0	34.11	93.2	6.73	6.7	6.87	6.5	5.7	4.1
	Cloudy	Moderate	17:48	17:49	4.1	Surface	1.0	17.7	8.0	34.01	90.9	6.61		6.99		4.8	
	Cloudy	Moderate	17:50	17:51	4.1	Bottom	3.1	17.8	7.9	34.25	89.8	6.57	6.5	6.12		2.6	
	Cloudy	Moderate	17:51	17:52	4.1	Bottom	3.1	18.0	8.0	34.12	88.0	6.52		6.04		3.3	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	08:46	08:47	4	Surface	1.0	18.8	8.0	33.78	84.6	6.53	6.6	8.24	8.1	7.6	6.1
	Fine	Moderate	08:47	08:48	4	Surface	1.0	19.0	8.0	33.64	86.9	6.64		7.98		6.2	
	Cloudy	Moderate	08:49	08:50	4	Bottom	3.0	20.0	8.0	33.47	81.8	6.30	6.4	8.03		4.6	
	Cloudy	Moderate	08:50	08:51	4	Bottom	3.0	20.0	8.0	33.61	83.6	6.42		8.12		5.9	
4/1/2025	Cloudy	Moderate	10:15	10:16	3.8	Surface	1.0	20.0	7.9	33.44	89.0	6.64	6.7	8.37	8.7	7.2	7.1
	Cloudy	Moderate	10:16	10:17	3.8	Surface	1.0	20.0	7.9	33.24	90.7	6.70		8.56		8.1	
	Cloudy	Moderate	10:17	10:18	3.8	Bottom	2.8	19.8	7.8	33.37	85.9	6.30	6.4	9.04		6.8	
	Cloudy	Moderate	10:18	10:19	3.8	Bottom	2.8	19.9	7.8	33.54	87.5	6.49		8.79		6.1	
6/1/2025	Fine	Moderate	11:37	11:38	3.7	Surface	1.0	18.9	8.1	33.79	89.6	6.67	6.7	9.81	9.8	4.5	4.6
	Fine	Moderate	11:38	11:39	3.7	Surface	1.0	19.0	8.1	33.54	89.3	6.64		9.54		2.7	
	Fine	Moderate	11:39	11:40	3.7	Bottom	2.7	19.1	8.1	33.60	86.6	6.57	6.6	9.69		4.7	
	Fine	Moderate	11:40	11:41	3.7	Bottom	2.7	19.1	8.1	33.67	87.4	6.62		10.30		6.6	
8/1/2025	Fine	Moderate	13:04	13:05	3.7	Surface	1.0	18.6	8.0	34.18	88.6	6.66	6.7	5.94	5.3	3.1	3.3
	Fine	Moderate	13:05	13:06	3.7	Surface	1.0	18.5	8.0	34.26	89.0	6.70		5.63		3.0	
	Fine	Moderate	13:06	13:07	3.7	Bottom	2.7	18.3	8.0	34.47	86.6	6.40	6.4	4.73		3.7	
	Fine	Moderate	13:07	13:08	3.7	Bottom	2.7	18.4	8.0	34.36	87.3	6.45		4.94		3.4	
10/1/2025	Fine	Moderate	14:23	14:24	4.1	Surface	1.0	17.5	8.0	34.45	82.4	6.44	6.5	5.80	6.0	4.4	5.2
	Fine	Moderate	14:24	14:25	4.1	Surface	1.0	17.4	8.0	34.64	83.4	6.46		5.19		5.3	
	Fine	Moderate	14:26	14:27	4.1	Bottom	3.1	17.3	8.0	34.26	79.3	6.11	6.2	6.64		5.3	
	Fine	Moderate	14:27	14:28	4.1	Bottom	3.1	17.1	8.0	34.14	80.5	6.22		6.37		5.7	
13/1/2025	Cloudy	Moderate	16:59	17:00	4	Surface	1.0	18.2	8.1	33.79	80.3	6.21	6.2	4.47	4.7	2.0	1.8
	Cloudy	Moderate	17:00	17:01	4	Surface	1.0	18.1	8.1	33.97	80.6	6.22		4.62		1.9	
	Cloudy	Moderate	17:02	17:03	4	Bottom	3.0	18.2	8.1	34.24	78.4	6.07	6.1	5.03		1.5	
	Cloudy	Moderate	17:03	17:04	4	Bottom	3.0	18.3	8.1	4.12	80.0	6.18		4.79		1.9	
15/1/2025	Cloudy	Moderate	08:11	08:12	4	Surface	1.0	18.7	8.0	33.19	81.8	6.41	6.5	5.94	6.8	3.1	3.4
	Cloudy	Moderate	08:12	08:13	3.4	Surface	1.0	18.9	8.0	33.09	84.4	6.59		5.87		2.4	
	Cloudy	Moderate	08:13	08:14	3.4	Bottom	2.4	18.8	8.0	33.19	85.9	6.58	6.6	7.84		3.9	
	Cloudy	Moderate	08:14	08:15	3.4	Bottom	2.4	18.7	8.0	33.28	85.7	6.57		7.57		4.0	
17/1/2025	Cloudy	Moderate	09:17	09:18	3.7	Surface	1.0	17.4	7.8	33.45	92.4	6.58	6.6	5.32	5.3	8.0	7.2
	Cloudy	Moderate	09:18	09:19	3.7	Surface	1.0	17.3	7.8	33.74	90.9	6.57		5.04		7.0	
	Cloudy	Moderate	09:19	09:20	3.7	Bottom	2.7	17.1	7.8	33.89	88.0	6.46	6.5	5.19		7.7	
	Cloudy	Moderate	09:30	09:31	3.7	Bottom	2.7	17.4	7.8	34.02	89.2	6.57		5.80		5.9	
20/1/2026	Cloudy	Moderate	10:04	10:05	3.6	Surface	1.0	16.8	8.0	34.12	82.4	6.46	6.5	3.29	3.8	2.5	2.8
	Cloudy	Moderate	10:05	10:06	3.6	Surface	1.0	16.9	8.0	33.86	83.0	6.57		4.02		3.5	
	Cloudy	Moderate	10:06	11:33	3.6	Bottom	2.6	17.1	8.0	34.36	80.6	6.58	6.6	3.99		2.4	
	Cloudy	Moderate	10:07	11:34	3.6	Bottom	2.6	17.0	8.0	34.12	82.8	6.57		3.74		2.7	
22/1/2026	Cloudy	Moderate	11:29	11:30	4	Surface	1.0	18.3	7.9	33.85	93.3	6.45	6.5	5.74	5.8	3.4	3.2
	Cloudy	Moderate	11:30	11:31	4	Surface	1.0	18.3	7.9	33.74	92.5	6.60		5.34		3.4	
	Cloudy	Moderate	11:32	#REF!	4	Bottom	3.0	18.2	7.9	33.59	91.1	6.46	6.5	5.88		3.4	
	Cloudy	Moderate	11:33	#REF!	4	Bottom	3.0	18.2	7.9	33.64	92.2	6.57		6.24		2.4	
24/1/2026	Cloudy	Moderate	09:27	09:28	3.6	Surface	1.0	18.4	8.0	34.11	86.7	6.53	6.5	5.12	5.2	5.4	4.5
	Cloudy	Moderate	09:28	09:29	3.6	Surface	1.0	18.1	7.9	33.86	89.2	6.56		5.24		5.2	
	Cloudy	Moderate	09:29	09:30	3.6	Bottom	2.6	18.4	7.9	34.25	92.1	6.58	6.5	5.36		3.0	
	Cloudy	Moderate	09:30	09:31	3.6	Bottom	2.6	18.4	7.9	34.12	90.6	6.50		4.98		4.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	14:03	14:04	2.5	Middle	1.3	18.7	8.0	34.21	80.4	6.20	6.2	6.54	6.6	2.5	3.0
	Fine	Moderate	14:04	14:05	2.5	Middle	1.3	18.4	8.0	34.36	79.0	6.13		6.68		3.5	
4/1/2025	Cloudy	Moderate	15:49	15:50	2.6	Middle	1.3	18.6	8.1	34.01	98.0	6.66	6.7	10.70	11.1	7.7	7.6
	Cloudy	Moderate	15:50	15:52	2.6	Middle	1.3	19.0	8.1	33.95	99.5	6.69		11.50		7.4	
6/1/2025	Fine	Moderate	17:31	17:32	2.7	Middle	1.4	20.1	8.1	33.24	88.3	6.42	6.3	9.02	9.1	17.9	92.0
	Fine	Moderate	17:32	17:34	2.7	Middle	1.4	20.0	8.1	33.46	86.0	6.24		9.17		166.0	
8/1/2025	Fine	Moderate	07:33	07:34	2.4	Middle	1.2	18.4	7.8	33.54	83.0	6.36	6.3	7.24	7.2	7.7	7.9
	Fine	Moderate	07:34	07:36	2.4	Middle	1.2	18.6	7.8	33.63	81.0	6.20		7.08		8.0	
10/1/2025	Fine	Moderate	10:10	10:11	2.7	Middle	1.4	17.8	7.6	33.93	81.6	6.34	6.3	7.36	7.2	4.9	5.8
	Fine	Moderate	10:11	10:13	2.7	Middle	1.4	17.9	7.6	34.02	80.2	6.26		7.07		6.7	
13/1/2025	Cloudy	Moderate	12:04	12:05	2.3	Middle	1.2	18.4	8.1	33.40	78.6	6.10	6.2	7.93	7.5	2.1	2.4
	Cloudy	Moderate	12:05	12:07	2.3	Middle	1.2	18.1	8.1	33.41	80.6	6.22		7.13		2.6	
15/1/2025	Cloudy	Moderate	13:17	13:18	2.7	Middle	1.3	19.0	8.1	33.99	79.8	6.02	6.1	4.25	3.8	2.4	2.9
	Cloudy	Moderate	13:18	13:20	2.5	Middle	1.3	18.9	8.1	34.02	81.1	6.18		3.43		3.3	
17/1/2025	Cloudy	Moderate	14:43	14:44	2.7	Middle	1.4	17.3	8.0	34.04	94.7	6.46	6.4	5.47	5.3	4.8	5.1
	Cloudy	Moderate	14:44	14:46	2.7	Middle	1.4	17.3	8.0	33.89	92.8	6.36		5.14		5.3	
20/1/2026	Cloudy	Moderate	16:26	16:27	2.7	Middle	1.4	18.1	8.2	33.74	81.1	6.28	6.2	6.42	6.3	3.6	3.7
	Cloudy	Moderate	16:27	16:29	2.7	Middle	1.4	18.0	8.2	33.56	80.2	6.20		6.12		3.7	
22/1/2026	Cloudy	Moderate	17:45	17:46	2.8	Middle	1.4	17.0	8.1	34.05	91.8	6.59	6.6	4.04	4.1	2.4	2.6
	Cloudy	Moderate	17:46	17:48	2.8	Middle	1.4	17.1	8.1	34.12	91.0	6.55		4.23		2.8	
24/1/2026	Cloudy	Moderate	17:37	17:38	2.7	Middle	1.4	18.2	7.9	33.76	81.6	6.41	6.3	7.47	7.4	5.4	4.6
	Cloudy	Moderate	17:38	17:40	2.7	Middle	1.4	18.0	8.0	33.94	79.7	6.26		7.23		3.8	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	08:57	08:58	2.3	Middle	1.2	19.3	7.9	33.54	82.2	6.29	6.2	8.74	8.7	6.2	7.1
	Fine	Moderate	08:58	09:00	2.3	Middle	1.2	19.2	8.0	33.78	80.9	6.16		8.62		7.9	
4/1/2025	Cloudy	Moderate	10:27	10:28	2.3	Middle	1.2	20.4	7.9	33.64	86.6	6.45	6.5	9.42	10.1	7.2	6.9
	Cloudy	Moderate	10:28	10:30	2.3	Middle	1.2	20.2	7.9	33.81	86.6	6.45		10.80		6.6	
6/1/2025	Fine	Moderate	11:47	11:48	2.5	Middle	1.3	19.3	8.1	33.94	84.2	6.39	6.3	12.90	14.1	3.0	13.5
	Fine	Moderate	11:48	11:50	2.5	Middle	1.3	19.5	8.1	33.73	82.2	6.28		15.30		24.0	
8/1/2025	Fine	Moderate	12:55	12:56	2.6	Middle	1.3	19.0	8.0	34.51	79.7	6.15	6.2	5.19	5.2	3.6	3.3
	Fine	Moderate	12:56	12:58	2.6	Middle	1.3	18.8	8.0	34.34	81.4	6.27		5.20		3.0	
10/1/2025	Fine	Moderate	14:14	14:15	2.8	Middle	1.4	17.3	8.0	34.39	79.0	6.06	6.0	5.47	5.7	4.4	3.9
	Fine	Moderate	14:15	14:17	2.8	Middle	1.4	17.0	8.0	34.28	77.5	5.88		5.90		3.3	
13/1/2025	Cloudy	Moderate	16:49	16:50	2.5	Middle	1.3	18.4	8.1	33.89	86.6	6.58	6.6	6.01	6.2	2.9	3.8
	Cloudy	Moderate	16:50	16:52	2.5	Middle	1.3	18.3	8.0	33.70	87.2	6.67		6.29		4.7	
15/1/2025	Cloudy	Moderate	08:21	08:22	2.2	Middle	1.1	18.9	8.0	33.57	80.3	6.21	6.2	7.04	7.2	5.5	5.0
	Cloudy	Moderate	08:22	08:24	2.2	Middle	1.1	19.0	8.0	33.42	79.7	6.16		7.39		4.5	
17/1/2025	Cloudy	Moderate	09:28	09:29	2.2	Middle	1.1	17.5	7.8	34.12	92.8	6.77	6.7	7.23	7.1	5.9	6.0
	Cloudy	Moderate	09:29	09:31	2.2	Middle	1.1	18.0	7.9	34.10	91.4	6.70		6.90		6.0	
20/1/2026	Cloudy	Moderate	10:15	10:16	2.4	Middle	1.2	17.6	7.9	33.87	81.2	6.45	6.4	7.02	7.1	2.1	2.4
	Cloudy	Moderate	10:16	10:18	2.4	Middle	1.2	17.4	7.9	33.99	79.1	6.28		7.24		2.6	
22/1/2026	Cloudy	Moderate	11:40	11:41	2.6	Middle	1.3	17.9	7.9	33.40	93.8	6.73	6.7	6.37	6.2	2.5	2.8
	Cloudy	Moderate	11:41	11:43	2.6	Middle	1.3	18.0	7.9	33.47	93.2	6.66		6.12		3.0	
24/1/2026	Cloudy	Moderate	09:38	09:39	2.2	Middle	1.1	17.9	7.8	34.20	88.3	6.29	6.4	6.04	6.1	2.4	3.0
	Cloudy	Moderate	09:39	09:41	2.2	Middle	1.1	18.0	7.8	34.24	91.2	6.48		6.13		3.5	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	13:46	13:47	4.1	Surface	1.0	18.8	8.0	34.01	81.9	6.37	6.4	7.42	7.8	5.4	9.3
	Fine	Moderate	13:47	13:49	4.1	Surface	1.0	18.8	8.0	33.86	82.7	6.44		7.69		5.8	
	Cloudy	Moderate	13:49	13:50	4.1	Bottom	3.1	18.8	7.7	34.14	82.2	6.39	6.4	7.64		13.8	
	Cloudy	Moderate	13:50	13:52	4.1	Bottom	3.1	18.6	7.7	34.26	83.1	6.46		8.38		12.0	
4/1/2025	Cloudy	Moderate	13:46	13:47	4	Surface	1.0	19.1	8.0	33.86	100.9	6.71	6.7	11.90	12.9	5.0	6.4
	Cloudy	Moderate	13:47	13:49	4	Surface	1.0	19.0	8.0	33.94	97.9	6.63		12.40		5.4	
	Cloudy	Moderate	15:34	15:35	4	Bottom	3.0	18.8	8.0	33.84	101.4	6.77	6.7	12.90		7.4	
	Cloudy	Moderate	15:35	15:37	4	Bottom	3.0	18.9	8.0	33.79	99.7	6.72		14.30		7.9	
6/1/2025	Fine	Moderate	17:15	17:16	4	Surface	1.0	19.9	8.1	33.54	90.8	6.59	6.5	8.95	8.5	3.0	2.8
	Fine	Moderate	17:16	17:17	4	Surface	1.0	19.7	8.1	33.73	88.8	6.48		9.01		2.6	
	Fine	Moderate	17:18	17:19	4	Bottom	3.0	19.9	8.1	33.56	90.2	6.58	6.6	8.24		3.2	
	Fine	Moderate	17:16	17:17	4	Bottom	3.0	20.0	8.1	33.52	89.2	6.53		7.94		2.4	
8/1/2025	Fine	Moderate	07:49	07:50	3.7	Surface	1.0	18.5	7.9	34.56	84.2	6.64	6.7	6.74	6.5	4.2	4.0
	Fine	Moderate	07:50	07:51	3.7	Surface	1.0	18.6	7.8	34.31	86.8	6.67		6.37		4.2	
	Fine	Moderate	07:51	07:52	3.7	Bottom	2.7	18.6	7.9	34.21	84.0	6.50	6.5	6.33		3.5	
	Fine	Moderate	07:50	07:51	3.7	Bottom	2.7	18.6	7.9	34.17	85.8	6.56		6.67		4.0	
10/1/2025	Fine	Moderate	09:28	09:29	3.9	Surface	1.0	18.1	7.7	34.25	83.2	6.56	6.6	9.24	8.0	5.7	5.3
	Fine	Moderate	09:29	09:30	3.9	Surface	1.0	18.2	7.7	34.51	85.2	6.67		9.09		4.5	
	Fine	Moderate	09:30	09:31	3.9	Bottom	2.9	18.0	7.8	34.29	86.0	6.70	6.7	6.74		5.4	
	Fine	Moderate	09:29	09:30	3.9	Bottom	2.9	17.9	7.8	34.15	84.5	6.60		6.94		5.6	
13/1/2025	Cloudy	Moderate	12:22	12:23	3.6	Surface	1.0	18.5	8.1	33.74	84.2	6.54	6.6	6.25	5.6	1.8	1.5
	Cloudy	Moderate	12:23	12:24	3.6	Surface	1.0	18.3	8.0	33.11	85.2	6.66		5.91		1.3	
	Cloudy	Moderate	12:24	12:25	3.6	Bottom	2.6	18.0	8.0	33.78	82.5	6.42	6.5	5.04		1.6	
	Cloudy	Moderate	12:23	12:24	3.6	Bottom	2.6	18.0	8.0	33.94	84.2	6.59		5.39		1.4	
15/1/2025	Cloudy	Moderate	13:00	13:01	3.9	Surface	1.0	19.0	8.0	33.29	85.0	6.65	6.6	3.14	3.2	1.7	1.4
	Cloudy	Moderate	13:01	13:02	3.8	Surface	1.0	18.8	8.0	33.33	84.8	6.64		3.30		1.0	
	Cloudy	Moderate	13:02	13:03	3.9	Bottom	2.8	18.8	8.0	33.53	86.1	6.71	6.7	3.04		1.6	
	Cloudy	Moderate	13:03	13:05	3.8	Bottom	2.8	18.9	8.0	33.42	86.4	6.75		3.20		1.3	
17/1/2025	Cloudy	Moderate	14:27	14:28	3.9	Surface	1.0	17.6	8.0	33.59	90.6	6.64	6.7	5.14	5.4	5.1	5.1
	Cloudy	Moderate	14:28	14:29	3.9	Surface	1.0	17.5	8.0	33.52	92.6	6.72		5.29		6.6	
	Cloudy	Moderate	14:29	14:30	3.9	Bottom	2.9	17.1	8.0	33.61	94.4	6.76	6.7	5.94		3.9	
	Cloudy	Moderate	14:30	14:32	3.9	Bottom	2.9	17.2	8.0	33.72	91.4	6.67		5.25		4.9	
20/1/2026	Cloudy	Moderate	16:09	16:10	4.1	Surface	1.0	17.0	8.2	33.19	80.0	6.30	6.3	6.73	6.8	3.2	2.8
	Cloudy	Moderate	16:10	16:11	4.1	Surface	1.0	17.1	8.2	33.25	78.4	6.21		6.24		2.5	
	Cloudy	Moderate	16:12	16:13	4.1	Bottom	3.1	17.3	8.2	33.64	83.6	6.57	6.6	6.94		2.8	
	Cloudy	Moderate	16:13	16:15	4.1	Bottom	3.1	17.2	8.2	33.54	82.1	6.54		7.12		2.6	
22/1/2026	Cloudy	Moderate	17:27	17:28	4.2	Surface	1.0	17.4	8.1	34.04	91.6	6.55	6.4	5.57	5.3	3.8	3.4
	Cloudy	Moderate	17:28	17:29	4.2	Surface	1.0	17.4	8.1	33.94	89.3	6.34		5.73		3.4	
	Cloudy	Moderate	17:30	17:31	4.2	Bottom	3.2	17.4	8.1	34.01	90.9	6.37	6.4	4.99		3.4	
	Cloudy	Moderate	17:31	17:33	4.2	Bottom	3.2	17.3	8.1	34.12	92.4	6.49		4.79		2.8	
24/1/2026	Cloudy	Moderate	17:21	17:22	4.2	Surface	1.0	17.7	8.0	33.5	88.30	6.5	6.5	6.79	7.0	6.1	5.4
	Cloudy	Moderate	17:22	17:23	4.2	Surface	1.0	17.6	8.0	33.5	89.60	6.6		6.25		6.4	
	Cloudy	Moderate	17:24	17:25	4.2	Bottom	3.2	17.5	7.8	33.73	87.9	6.44	6.4	7.37		5.0	
	Cloudy	Moderate	17:25	17:27	4.2	Bottom	3.2	17.9	7.9	33.64	86.5	6.37		7.47		4.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	09:17	09:18	3.7	Surface	1.0	18.4	8.0	33.73	84.0	6.54	6.6	9.87	10.0	8.6	7.0
	Fine	Moderate	09:18	09:20	3.7	Surface	1.0	18.5	8.0	33.96	86.8	6.68		9.62		7.0	
	Cloudy	Moderate	09:19	09:20	3.7	Bottom	2.7	18.7	8.0	33.81	82.1	6.46	6.5	9.98		7.1	
	Cloudy	Moderate	09:20	09:22	3.7	Bottom	2.7	18.6	8.0	33.64	83.5	6.51		10.40		5.4	
4/1/2025	Cloudy	Moderate	10:44	10:45	3.7	Surface	1.0	20.1	7.9	33.39	87.8	6.79	6.7	9.79	10.3	5.8	6.5
	Cloudy	Moderate	10:45	10:47	3.7	Surface	1.0	19.9	7.9	33.42	85.8	6.70		10.10		6.4	
	Cloudy	Moderate	10:46	10:47	3.7	Bottom	2.7	19.9	7.9	33.20	84.9	6.61	6.6	11.30		7.2	
	Cloudy	Moderate	10:47	10:49	3.7	Bottom	2.7	19.7	7.9	33.33	85.8	6.65		10.20		6.5	
6/1/2025	Fine	Moderate	12:03	12:04	3.7	Surface	1.0	0.8	8.0	34.04	89.4	6.55	6.6	8.34	7.8	2.8	2.1
	Fine	Moderate	12:04	12:06	3.7	Surface	1.0	0.8	8.1	33.80	89.6	6.56		8.54		2.2	
	Fine	Moderate	12:05	12:06	3.7	Bottom	2.7	18.9	8.1	33.97	87.4	6.48	6.5	7.32		1.5	
	Fine	Moderate	12:06	12:08	3.7	Bottom	2.7	19.2	8.1	33.94	86.6	6.42		7.02		1.8	
8/1/2025	Fine	Moderate	12:38	12:39	3.8	Surface	1.0	18.9	7.9	34.07	85.3	6.65	6.7	5.09	5.4	2.6	2.7
	Fine	Moderate	12:39	12:41	3.8	Surface	1.0	19.0	7.9	34.01	87.6	6.68		5.22		2.8	
	Fine	Moderate	12:40	12:41	3.8	Bottom	2.8	18.9	7.9	33.87	80.7	6.38	6.3	5.86		2.8	
	Fine	Moderate	12:41	12:43	3.8	Bottom	2.8	18.8	7.9	34.01	79.4	6.27		5.24		2.4	
10/1/2025	Fine	Moderate	13:56	13:57	4.1	Surface	1.0	17.8	8.1	33.79	84.3	6.59	6.5	6.38	5.9	4.8	5.0
	Fine	Moderate	13:57	13:59	4.1	Surface	1.0	18.0	8.1	34.07	82.9	6.44		7.01		4.6	
	Fine	Moderate	13:59	14:00	4.1	Bottom	3.1	18.0	8.1	33.98	83.8	6.44	6.5	5.10		5.0	
	Fine	Moderate	14:00	14:01	4.1	Bottom	3.1	18.0	8.0	33.82	84.7	6.54		5.02		5.7	
13/1/2025	Cloudy	Moderate	16:31	16:32	3.9	Surface	1.0	18.2	8.0	33.26	78.9	5.96	6.1	4.37	4.4	1.4	1.2
	Cloudy	Moderate	16:32	16:34	3.9	Surface	1.0	18.3	8.0	33.47	80.7	6.16		4.64		1.3	
	Cloudy	Moderate	16:33	16:34	3.9	Bottom	2.9	17.5	8.1	33.87	79.8	6.05	6.0	4.19		1.0	
	Cloudy	Moderate	16:34	16:36	3.9	Bottom	2.9	17.5	8.1	33.54	79.2	6.01		4.58		1.1	
15/1/2025	Cloudy	Moderate	08:39	08:40	3.5	Surface	1.0	18.5	8.1	33.74	81.0	6.33	6.3	4.21	3.8	2.0	1.8
	Cloudy	Moderate	08:40	08:42	3.5	Surface	1.0	18.7	8.1	33.59	80.5	6.24		3.81		1.5	
	Cloudy	Moderate	08:41	08:42	3.5	Bottom	2.5	18.5	8.1	33.74	79.2	6.14	6.2	3.94		1.5	
	Cloudy	Moderate	08:42	08:44	3.5	Bottom	2.5	18.4	8.1	33.84	79.6	6.18		3.38		2.0	
17/1/2025	Cloudy	Moderate	09:45	09:46	3.4	Surface	1.0	17.7	7.9	34.14	90.6	6.66	6.7	6.39	6.7	5.0	7.1
	Cloudy	Moderate	09:46	09:48	3.4	Surface	1.0	17.8	7.9	34.00	92.4	6.79		6.67		6.4	
	Cloudy	Moderate	09:47	09:48	3.4	Bottom	2.4	17.5	7.9	33.84	89.9	6.68	6.6	6.94		7.7	
	Cloudy	Moderate	09:48	09:50	3.4	Bottom	2.4	17.4	7.8	33.79	88.2	6.58		6.74		9.4	
20/1/2026	Cloudy	Moderate	10:32	10:33	3.9	Surface	1.0	18.0	7.9	34.06	83.8	6.62	6.1	5.04	5.2	2.6	3.1
	Cloudy	Moderate	10:33	10:35	3.9	Surface	1.0	17.9	7.9	33.94	82.7	5.57		5.12		2.5	
	Cloudy	Moderate	10:34	10:35	3.9	Bottom	2.9	18.1	7.9	34.02	80.7	6.41	6.5	5.37		4.1	
	Cloudy	Moderate	10:35	10:37	3.9	Bottom	2.9	18.2	7.9	34.21	82.7	6.57		5.26		3.1	
22/1/2026	Cloudy	Moderate	11:58	11:59	3.9	Surface	1.0	18.3	7.9	33.36	94.3	6.75	6.7	6.34	6.0	4.6	3.5
	Cloudy	Moderate	11:59	12:01	3.9	Surface	1.0	18.1	7.9	33.40	92.2	6.65		6.06		2.8	
	Cloudy	Moderate	12:00	12:01	3.9	Bottom	2.9	18.4	8.0	33.74	90.3	6.44	6.5	5.79		3.0	
	Cloudy	Moderate	12:01	12:03	3.9	Bottom	2.9	18.4	8.0	33.54	91.1	6.53		5.98		3.5	
24/1/2026	Cloudy	Moderate	09:54	09:55	3.7	Surface	1.0	18.2	7.8	33.94	90.6	6.50	6.4	4.04	4.8	2.8	3.1
	Cloudy	Moderate	09:55	09:56	3.7	Surface	1.0	18.3	8.0	34.14	88.6	6.34		4.23		3.6	
	Cloudy	Moderate	09:56	09:57	3.7	Bottom	2.7	18.1	8.0	34.01	90.4	6.46	6.5	5.47		2.4	
	Cloudy	Moderate	09:57	09:59	3.7	Bottom	2.7	18.0	7.9	33.74	92.1	6.58		5.37		3.6	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	13:34	13:35	2.7	Middle	1.4	18.7	8.0	34.54	86.9	6.64	6.7	7.12	7.5	5.7	5.8
	Fine	Moderate	13:35	13:37	2.7	Middle	1.4	18.7	8.0	34.41	87.2	6.67		7.90		5.8	
4/1/2025	Cloudy	Moderate	15:20	15:21	2.6	Middle	1.3	18.6	8.1	33.37	94.6	6.32	6.3	13.90	13.4	8.3	8.4
	Cloudy	Moderate	15:21	15:23	2.6	Middle	1.3	18.8	8.0	33.56	94.0	6.30		12.80		8.4	
6/1/2025	Fine	Moderate	17:06	17:07	2.8	Middle	1.4	18.8	8.1	32.98	87.0	6.39	6.3	8.99	9.0	3.3	3.5
	Fine	Moderate	17:07	17:09	2.8	Middle	1.4	19.1	8.1	33.05	85.4	6.26		8.91		3.6	
8/1/2025	Fine	Moderate	13:40	13:42	2.5	Middle	1.3	18.5	7.9	33.62	79.6	6.25	6.3	5.24	5.1	4.3	3.7
	Fine	Moderate	13:42	13:43	2.5	Middle	1.3	18.4	7.8	33.59	80.8	6.31		4.91		3.1	
10/1/2025	Fine	Moderate	09:37	09:38	2.5	Middle	1.3	17.9	7.8	34.09	91.4	6.39	6.5	7.21	7.0	6.4	5.8
	Fine	Moderate	09:38	09:40	2.5	Middle	1.3	17.9	7.8	34.13	84.0	6.54		6.80		5.1	
13/1/2025	Cloudy	Moderate	12:34	12:35	2.4	Middle	1.2	18.0	8.1	33.99	78.7	6.08	304.0	6.31	6.1	1.9	2.4
	Cloudy	Moderate	12:35	12:37	2.4	Middle	1.4	17.9	8.0	33.71	78.0	602.00		5.91		2.8	
15/1/2025	Cloudy	Moderate	12:49	12:50	2.6	Middle	1.4	18.7	8.1	33.94	82.7	6.47	6.4	2.57	2.7	1.6	1.5
	Cloudy	Moderate	12:50	12:52	2.7	Middle	1.4	18.7	8.1	33.76	81.4	6.40		2.80		1.4	
17/1/2025	Cloudy	Moderate	14:15	14:16	2.6	Middle	1.3	17.4	8.1	32.79	88.2	6.57	6.5	6.99	7.0	6.8	6.6
	Cloudy	Moderate	14:16	14:18	2.6	Middle	1.3	17.1	8.1	32.94	86.9	6.48		6.94		6.3	
20/1/2026	Cloudy	Moderate	15:59	16:00	2.7	Middle	1.4	17.3	8.2	33.86	86.6	6.71	6.7	6.84	6.7	3.6	3.3
	Cloudy	Moderate	16:00	16:02	2.7	Middle	1.4	17.4	8.2	33.95	87.2	6.77		6.54		2.9	
22/1/2026	Cloudy	Moderate	17:17	17:18	2.9	Middle	1.5	17.7	8.1	34.25	89.4	6.41	6.5	7.30	7.2	3.5	3.5
	Cloudy	Moderate	17:18	17:20	2.9	Middle	1.5	18.0	8.2	34.11	90.9	6.53		7.02		3.5	
24/1/2026	Cloudy	Moderate	17:11	17:12	2.7	Middle	1.4	17.4	7.8	34.24	93.9	6.69	6.6	8.42	8.2	4.0	4.5
	Cloudy	Moderate	17:12	17:14	2.7	Middle	1.4	17.2	7.8	34.11	92.4	6.57		8.02		5.0	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	09:28	09:29	2.4	Middle	1.2	18.5	8.0	33.7	78.20	6.0	6.0	9.74	9.6	6.3	6.7
	Fine	Moderate	09:29	09:31	2.4	Middle	1.2	18.6	7.9	33.8	78.40	6.0		9.36		7.0	
4/1/2025	Cloudy	Moderate	10:56	10:57	2.4	Middle	1.2	19.5	7.9	33.87	89.3	6.68	6.6	11.40	12.1	8.4	8.0
	Cloudy	Moderate	10:57	10:59	2.4	Middle	1.2	19.5	7.9	34.01	87.6	6.56		12.70		7.6	
6/1/2025	Fine	Moderate	12:12	12:13	2.5	Middle	1.3	20.1	8.0	33.74	83.6	6.28	6.3	7.54	7.6	2.1	2.5
	Fine	Moderate	12:13	12:15	2.5	Middle	1.3	19.9	8.1	33.66	84.9	6.36		7.66		2.8	
8/1/2025	Fine	Moderate	12:29	12:30	2.7	Middle	1.4	18.9	7.9	33.92	82.1	6.32	6.3	5.30	5.7	2.9	2.9
	Fine	Moderate	12:30	12:32	2.7	Middle	1.4	18.9	7.9	33.80	80.3	6.18		6.01		2.9	
10/1/2025	Fine	Moderate	13:45	13:46	2.7	Middle	1.4	17.7	8.1	34.00	81.1	6.28	6.3	5.77	5.5	3.0	4.8
	Fine	Moderate	13:46	13:48	2.7	Middle	1.4	17.9	8.1	34.04	80.7	6.25		5.24		6.6	
13/1/2025	Cloudy	Moderate	16:20	16:21	2.7	Middle	1.4	17.4	8.1	33.59	83.8	6.53	6.5	5.13	5.0	0.9	0.9
	Cloudy	Moderate	16:21	16:23	2.7	Middle	1.4	17.5	8.1	33.75	83.6	6.52		4.95		0.9	
15/1/2025	Cloudy	Moderate	08:51	08:52	2.3	Middle	1.2	18.4	8.1	33.60	83.4	6.55	6.5	3.79	3.7	2.9	3.0
	Cloudy	Moderate	08:52	08:54	2.7	Middle	1.2	18.5	8.1	33.64	82.7	6.47		3.68		3.0	
17/1/2025	Cloudy	Moderate	09:54	09:55	2.2	Middle	1.1	17.9	7.9	33.64	89.8	6.63	6.7	5.42	5.7	8.2	7.3
	Cloudy	Moderate	09:55	09:57	2.6	Middle	1.1	17.9	7.9	33.79	90.4	6.69		5.94		6.3	
20/1/2026	Cloudy	Moderate	10:44	10:45	2.4	Middle	1.2	17.8	7.9	34.36	79.2	6.20	6.2	5.89	6.0	2.9	3.0
	Cloudy	Moderate	10:45	10:47	2.7	Middle	1.2	18.0	7.8	34.12	79.8	6.14		6.12		3.0	
22/1/2026	Cloudy	Moderate	12:06	12:07	2.7	Middle	1.4	18.2	8.0	33.87	91.6	6.55	6.5	6.47	6.4	3.2	3.0
	Cloudy	Moderate	12:07	12:09	2.9	Middle	1.4	18.0	8.0	34.01	89.4	6.41		6.24		2.7	
24/1/2026	Cloudy	Moderate	10:03	10:04	2.3	Middle	1.2	18.2	8.0	33.69	93.4	6.74	6.7	7.25	7.6	5.6	6.3
	Cloudy	Moderate	10:04	10:06	2.7	Middle	1.2	18.4	8.0	33.75	92.2	6.64		7.86		6.9	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	13:28	13:29	2.6	Middle	1.3	18.6	8.0	33.84	80.3	6.19	6.2	7.41	7.5	6.4	7.0
	Fine	Moderate	13:29	13:31	2.6	Middle	1.4	18.7	8.0	33.66	81.1	6.25		7.68		7.5	
4/1/2025	Cloudy	Moderate	15:13	15:14	2.1	Middle	1.1	18.5	8.0	34.13	95.0	6.33	6.4	12.60	12.9	19.2	18.3
	Cloudy	Moderate	15:14	15:16	2.1	Middle	1.1	18.8	8.0	34.04	97.6	6.37		13.20		17.4	
6/1/2025	Fine	Moderate	17:00	17:01	2.7	Middle	1.4	18.6	8.1	33.47	87.2	6.30	6.4	11.90	11.5	4.7	6.6
	Fine	Moderate	17:01	17:03	2.7	Middle	1.4	18.9	8.1	33.68	87.8	6.40		11.00		8.4	
8/1/2025	Fine	Moderate	08:03	08:04	2.7	Middle	1.4	18.4	7.8	33.74	83.9	6.46	6.5	4.54	4.5	2.8	2.7
	Fine	Moderate	08:04	08:06	2.4	Middle	1.2	18.4	7.9	34.03	85.7	6.55		4.37		2.5	
10/1/2025	Fine	Moderate	09:44	09:45	2.7	Middle	1.4	18.0	7.8	33.71	78.6	5.91	5.9	6.00	6.2	6.7	5.6
	Fine	Moderate	09:45	09:47	2.7	Middle	1.4	17.9	7.8	34.00	79.2	5.98		6.47		4.4	
13/1/2025	Cloudy	Moderate	12:40	12:41	2.3	Middle	1.2	17.9	8.0	34.02	80.3	6.30	6.4	6.66	6.8	12.3	24.6
	Cloudy	Moderate	12:41	12:43	2.3	Middle	1.3	17.9	8.0	33.86	81.3	6.42		7.01		36.8	
15/1/2025	Cloudy	Moderate	12:42	12:43	2.7	Middle	1.3	18.7	8.1	34.17	79.1	6.05	6.1	3.04	3.0	1.7	1.5
	Cloudy	Moderate	12:43	12:45	2.6	Middle	1.3	18.6	8.1	34.03	80.4	6.12		2.91		1.3	
17/1/2025	Cloudy	Moderate	14:07	14:08	2.7	Middle	1.4	16.9	8.1	33.47	89.4	6.56	6.6	6.62	6.7	7.6	6.2
	Cloudy	Moderate	14:08	14:10	2.6	Middle	1.4	17.0	8.1	33.24	89.2	6.55		6.84		4.7	
20/1/2026	Cloudy	Moderate	15:52	15:53	2.7	Middle	1.4	17.6	8.2	34.02	82.1	6.54	6.5	4.21	4.4	3.2	3.3
	Cloudy	Moderate	15:53	15:55	2.7	Middle	1.4	17.4	8.2	33.87	80.8	6.49		4.64		3.4	
22/1/2026	Cloudy	Moderate	17:12	17:13	2.8	Middle	1.4	17.8	8.1	34.25	93.2	6.66	6.6	6.49	6.4	2.8	2.8
	Cloudy	Moderate	17:13	17:15	2.9	Middle	1.4	17.6	8.2	34.46	91.3	6.55		6.24		2.8	
24/1/2026	Cloudy	Moderate	17:06	17:07	2.6	Middle	1.3	17.4	7.9	34.25	93.2	6.66	6.6	7.95	7.8	7.6	7.2
	Cloudy	Moderate	17:07	17:09	2.6	Middle	1.3	17.4	7.9	34.40	91.6	6.55		7.64		6.8	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	09:34	09:35	2.3	Middle	1.2	18.3	8.0	33.7	81.60	6.3	6.3	8.64	8.8	5.8	6.1
	Fine	Moderate	09:35	09:37	2.3	Middle	1.2	18.2	8.0	33.4	80.60	6.3		8.94		6.4	
4/1/2025	Cloudy	Moderate	11:03	11:04	2.5	Middle	1.3	19.7	7.9	33.49	86.2	6.42	6.3	13.20	13.0	8.1	9.0
	Cloudy	Moderate	11:04	11:06	2.5	Middle	1.3	19.5	7.9	33.66	85.4	6.27		12.80		9.9	
6/1/2025	Fine	Moderate	12:18	12:19	2.6	Middle	1.3	19.6	8.1	34.09	85.7	6.49	6.4	7.54	7.6	2.3	2.5
	Fine	Moderate	12:19	12:21	2.6	Middle	1.3	19.7	8.1	34.17	82.8	6.26		7.66		2.6	
8/1/2025	Fine	Moderate	12:22	12:23	2.5	Middle	1.3	18.8	7.9	34.37	89.2	6.61	6.6	5.84	5.7	3.0	2.8
	Fine	Moderate	12:23	12:25	2.5	Middle	1.3	18.7	7.9	34.26	90.2	6.67		5.60		2.5	
10/1/2025	Fine	Moderate	13:40	13:41	2.8	Middle	1.4	17.4	8.1	33.56	80.1	6.11	6.0	4.98	5.0	10.1	9.1
	Fine	Moderate	13:41	13:43	2.8	Middle	1.4	17.2	8.1	33.79	78.7	5.94		5.08		8.0	
13/1/2025	Cloudy	Moderate	16:13	16:14	2.6	Middle	1.3	17.3	8.1	33.51	82.7	6.47	6.4	5.12	5.0	20.6	11.0
	Cloudy	Moderate	16:14	16:16	2.6	Middle	1.3	17.3	8.1	33.41	81.1	6.35		4.91		1.4	
15/1/2025	Cloudy	Moderate	08:58	08:59	2.4	Middle	1.2	18.2	8.1	33.84	81.7	6.39	6.3	4.04	4.1	2.3	2.7
	Cloudy	Moderate	08:59	09:01	2.4	Middle	1.2	18.3	8.1	33.95	80.2	6.20		4.25		3.0	
17/1/2025	Cloudy	Moderate	10:01	10:02	2.4	Middle	1.2	18.0	7.9	34.12	88.1	6.58	6.6	5.09	5.0	5.1	5.5
	Cloudy	Moderate	10:02	10:04	2.4	Middle	1.2	18.0	7.9	33.95	89.2	6.65		5.00		5.9	
20/1/2026	Cloudy	Moderate	10:49	10:50	2.5	Middle	1.3	17.5	7.9	34.41	83.6	6.44	6.5	5.02	5.1	2.6	2.6
	Cloudy	Moderate	10:50	10:52	2.5	Middle	1.3	17.6	7.9	34.64	85.9	6.56		5.24		2.5	
22/1/2026	Cloudy	Moderate	12:13	12:14	2.6	Middle	1.3	18.1	7.9	33.99	92.4	6.57	6.5	7.79	7.9	2.7	2.7
	Cloudy	Moderate	12:14	12:16	2.6	Middle	1.3	18.3	8.0	33.88	91.3	6.50		7.98		2.7	
24/1/2026	Cloudy	Moderate	10:08	10:09	2.2	Middle	1.1	18.4	8.0	33.62	94.1	6.78	6.8	6.79	6.9	3.4	3.2
	Cloudy	Moderate	10:09	10:11	2.2	Middle	1.1	18.2	8.0	33.42	95.2	6.83		7.06		3.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	14:37	14:38	2.6	Middle	1.3	18.8	8.0	34.15	79.8	6.19	6.2	5.24	5.4	45.0	63.3
	Fine	Moderate	14:38	14:40	2.6	Middle	1.3	18.7	8.0	34.26	80.5	6.26		5.57		81.5	
4/1/2025	Cloudy	Moderate	16:20	16:21	2.5	Middle	1.3	19.0	8.1	33.54	102.6	7.06	7.0	11.80	12.0	9.2	8.5
	Cloudy	Moderate	16:21	16:23	2.5	Middle	1.3	19.0	8.1	33.74	100.7	6.94		12.10		7.8	
6/1/2025	Fine	Moderate	17:54	17:55	2.7	Middle	1.4	19.8	8.1	33.84	90.4	6.46	6.4	9.68	9.4	4.9	5.2
	Fine	Moderate	17:55	17:57	2.7	Middle	1.4	19.9	8.1	33.92	88.2	6.32		9.04		5.5	
8/1/2025	Fine	Moderate	07:08	07:09	2.4	Middle	1.2	18.1	7.8	33.86	93.1	6.49	6.5	7.95	7.6	3.2	2.9
	Fine	Moderate	07:09	07:11	2.4	Middle	1.2	18.9	7.8	34.00	85.4	6.59		7.28		2.6	
10/1/2025	Fine	Moderate	08:45	08:46	2.6	Middle	1.3	18.6	7.5	33.41	83.9	6.53	6.5	7.95	7.9	5.6	5.4
	Fine	Moderate	08:46	08:48	2.6	Middle	1.3	18.4	7.5	33.52	83.2	6.49		7.87		5.1	
13/1/2025	Cloudy	Moderate	11:35	11:36	2.4	Middle	1.2	19.3	8.1	32.79	81.4	6.27	6.2	8.02	7.9	4.6	4.1
	Cloudy	Moderate	11:36	11:38	2.4	Middle	1.2	19.1	8.1	32.95	79.8	6.20		7.85		3.5	
15/1/2025	Cloudy	Moderate	13:45	13:46	2.6	Middle	1.3	18.5	8.1	33.47	82.1	6.36	6.4	4.04	4.1	4.6	4.7
	Cloudy	Moderate	13:46	13:48	2.6	Middle	1.3	18.7	8.1	33.36	83.2	6.44		4.13		4.7	
17/1/2025	Cloudy	Moderate	15:11	15:12	2.7	Middle	1.4	16.8	8.1	33.54	90.0	6.48	6.5	5.04	5.2	6.5	5.7
	Cloudy	Moderate	15:12	15:14	2.7	Middle	1.4	16.9	8.0	33.72	91.7	6.55		5.26		4.8	
20/1/2026	Cloudy	Moderate	16:57	16:58	2.8	Middle	1.4	17.0	8.1	33.64	78.9	6.27	6.2	6.12	6.0	2.4	2.5
	Cloudy	Moderate	16:58	17:00	2.8	Middle	1.4	17.2	8.1	33.78	78.1	6.20		5.92		2.6	
22/1/2026	Cloudy	Moderate	02:24	02:25	2.7	Middle	1.4	17.6	8.1	33.73	90.0	6.48	6.5	5.01	4.9	3.4	3.6
	Cloudy	Moderate	02:25	02:27	2.7	Middle	1.4	17.7	8.1	33.61	90.9	6.55		4.81		3.8	
24/1/2026	Cloudy	Moderate	18:05	18:06	2.7	Middle	1.4	17.7	8.0	33.61	80.2	6.27	6.2	5.29	5.3	4.8	5.6
	Cloudy	Moderate	18:06	18:08	2.7	Middle	1.4	17.9	8.0	33.66	78.6	6.17		5.25		6.3	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
2/1/2025	Fine	Moderate	08:30	08:31	2.3	Middle	1.2	19.1	7.9	33.8	84.90	6.4	6.4	9.79	10.0	13.2	11.2
	Fine	Moderate	08:31	08:33	2.3	Middle	1.2	19.2	7.9	33.6	93.70	6.4		10.30		9.2	
4/1/2025	Cloudy	Moderate	09:56	09:57	2.3	Middle	1.2	20.2	7.8	33.24	87.3	6.40	6.5	9.69	9.7	7.4	6.6
	Cloudy	Moderate	09:57	09:59	2.3	Middle	1.2	20.2	7.8	33.35	85.7	6.50		9.71		5.7	
6/1/2025	Fine	Moderate	11:21	11:22	2.5	Middle	1.3	19.4	8.0	33.24	82.9	6.38	6.4	9.74	10.0	2.6	2.8
	Fine	Moderate	11:22	11:24	2.5	Middle	1.3	19.6	8.0	33.34	83.6	6.44		10.20		3.0	
8/1/2025	Fine	Moderate	13:18	13:19	2.5	Middle	1.3	18.6	7.8	34.36	84.8	6.59	6.6	5.91	6.1	3.8	3.7
	Fine	Moderate	13:19	13:21	2.5	Middle	1.3	18.7	7.9	34.25	85.7	6.64		6.21		3.6	
10/1/2025	Fine	Moderate	14:04	14:05	2.8	Middle	1.4	17.7	7.9	34.25	79.2	6.05	6.0	6.90	6.7	5.2	4.4
	Fine	Moderate	14:05	14:07	2.8	Middle	1.4	17.9	7.9	34.17	78.6	5.96		6.47		3.6	
13/1/2025	Cloudy	Moderate	17:17	17:18	2.7	Middle	1.4	18.2	8.1	34.01	80.0	6.30	6.3	5.42	5.6	19.2	11.1
	Cloudy	Moderate	17:18	17:20	2.7	Middle	1.4	18.2	8.1	33.98	79.2	6.24		5.72		3.0	
15/1/2025	Cloudy	Moderate	07:52	07:53	2.3	Middle	1.2	19.3	8.0	32.28	84.3	6.45	6.5	8.13	8.1	6.4	6.5
	Cloudy	Moderate	07:53	07:55	2.3	Middle	1.2	19.5	8.1	32.19	84.7	6.47		8.04		6.5	
17/1/2025	Cloudy	Moderate	09:01	09:02	2.3	Middle	1.2	17.9	7.8	33.25	91.2	6.68	6.6	7.43	7.2	9.6	7.8
	Cloudy	Moderate	09:02	09:04	2.3	Middle	1.2	17.5	7.8	33.67	90.1	6.61		7.01		6.0	
20/1/2026	Cloudy	Moderate	09:49	09:50	2.4	Middle	1.2	17.3	7.9	33.99	83.3	6.54	6.4	4.47	4.6	2.8	2.7
	Cloudy	Moderate	09:50	09:52	2.4	Middle	1.2	17.4	7.9	33.99	85.9	6.34		4.64		2.6	
22/1/2026	Cloudy	Moderate	11:12	11:13	2.4	Middle	1.2	18.0	7.9	33.39	93.9	6.69	6.6	3.98	4.0	2.5	2.7
	Cloudy	Moderate	11:13	11:15	2.4	Middle	1.2	18.6	7.9	33.57	91.2	6.48		4.08		2.9	
24/1/2026	Cloudy	Moderate	09:14	09:15	2.1	Middle	1.1	18.2	7.9	34.25	88.6	6.37	6.4	6.79	6.5	4.7	4.0
	Cloudy	Moderate	09:15	09:17	2.1	Middle	1.1	18.4	7.9	34.13	90.6	6.42		6.24		3.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	13:57	13:59	12.0	Surface	1.0	17.0	8.2	30.40	116.5	9.37	9.2	0.18	0.7	6.1	7.8
	Cloudy	Moderate	13:57	13:59	12.0	Surface	1.0	17.0	8.2	30.40	116.3	9.36		0.14		6.8	
	Cloudy	Moderate	13:57	13:59	12.0	Middle	6.0	16.9	8.2	30.40	113.4	9.13		0.10		5.3	
	Cloudy	Moderate	13:57	13:59	12.0	Middle	6.0	16.9	8.2	30.40	113.3	9.13		0.12		5.5	
	Cloudy	Moderate	13:57	13:59	12.0	Bottom	11.0	16.9	8.2	30.40	112.5	9.06		1.79		9.7	
	Cloudy	Moderate	13:57	13:59	12.0	Bottom	11.0	16.9	8.2	30.40	112.5	9.06		1.90		13.2	
4/2/2025	Cloudy	Moderate	15:36	15:38	12.2	Surface	1.0	17.0	8.5	30.42	113.4	9.17	9.1	0.44	0.7	2.9	2.6
	Cloudy	Moderate	15:36	15:38	12.2	Surface	1.0	17.0	8.5	30.42	113.4	9.17		0.42		1.5	
	Cloudy	Moderate	15:36	15:38	12.2	Middle	6.1	16.8	8.5	30.40	112.9	9.13		0.47		2.4	
	Cloudy	Moderate	15:36	15:38	12.2	Middle	6.1	16.8	8.5	30.40	112.9	9.12		0.44		2.5	
	Cloudy	Moderate	15:36	15:38	12.2	Bottom	11.2	16.7	8.5	30.40	111.0	8.99		1.10		3.9	
	Cloudy	Moderate	15:36	15:38	12.2	Bottom	11.2	16.7	8.5	30.40	111.0	8.99		1.14		2.5	
6/2/2025	Cloudy	Moderate	18:20	18:23	10.7	Surface	1.0	17.4	8.3	33.50	117.4	9.20	9.2	1.40	0.7	1.1	1.3
	Cloudy	Moderate	18:20	18:23	10.7	Surface	1.0	17.4	8.3	33.50	117.4	9.20		1.39		1.2	
	Cloudy	Moderate	18:20	18:23	10.7	Middle	5.4	17.3	8.3	33.50	116.3	9.12		0.17		1.3	
	Cloudy	Moderate	18:20	18:23	10.7	Middle	5.4	17.3	8.3	33.50	116.3	9.12		0.17		1.2	
	Cloudy	Moderate	18:20	18:23	10.7	Bottom	9.7	17.3	8.3	33.50	114.3	8.98		0.63		1.2	
	Cloudy	Moderate	18:20	18:23	10.7	Bottom	9.7	17.3	8.3	33.51	114.2	8.97		0.67		1.5	
8/2/2025	Cloudy	Moderate	20:36	20:38	11.8	Surface	1.0	16.7	8.2	33.50	106.7	8.48	8.4	0.40	1.7	1.4	2.6
	Cloudy	Moderate	20:36	20:38	11.8	Surface	1.0	16.7	8.2	33.50	106.6	8.47		0.38		3.7	
	Cloudy	Moderate	20:36	20:38	11.8	Middle	5.9	16.5	8.2	33.50	105.4	8.40		1.53		2.4	
	Cloudy	Moderate	20:36	20:38	11.8	Middle	5.9	16.5	8.2	33.49	105.2	8.38		1.80		2.4	
	Cloudy	Moderate	20:36	20:38	11.8	Bottom	10.8	16.5	8.2	33.48	103.9	8.29		3.22		2.6	
	Cloudy	Moderate	20:36	20:38	11.8	Bottom	10.8	16.5	8.2	33.48	103.9	8.28		2.98		2.9	
11/2/2025	Cloudy	Rough	10:57	10:59	11.8	Surface	1.0	16.8	8.1	33.49	103.1	8.17	8.2	0.47	2.1	1.6	1.7
	Cloudy	Rough	10:57	10:59	11.8	Surface	1.0	16.8	8.1	33.49	103.0	8.16		0.53		1.4	
	Cloudy	Rough	10:57	10:59	11.8	Middle	5.9	16.8	8.1	33.49	102.8	8.15		2.92		1.5	
	Cloudy	Rough	10:57	10:59	11.8	Middle	5.9	16.8	8.1	33.49	102.7	8.15		2.91		1.3	
	Cloudy	Rough	10:57	10:59	11.8	Bottom	10.8	16.8	8.1	33.48	102.7	8.14		2.79		2.9	
	Cloudy	Rough	10:57	10:59	11.8	Bottom	10.8	16.8	8.1	33.48	102.7	8.14		2.76		1.5	
13/2/2025	Cloudy	Rough	11:51	11:53	11.9	Surface	1.0	16.9	8.1	28.43	95.0	7.75	7.7	2.08	1.9	1.6	1.7
	Cloudy	Rough	11:51	11:53	11.9	Surface	1.0	16.9	8.1	28.42	95.0	7.75		2.09		1.4	
	Cloudy	Rough	11:51	11:53	11.9	Middle	6.0	16.7	8.1	27.85	92.3	7.58		1.93		1.5	
	Cloudy	Rough	11:51	11:53	11.9	Middle	6.0	16.7	8.1	27.84	92.3	7.58		1.95		1.3	
	Cloudy	Rough	11:51	11:53	11.9	Bottom	10.9	16.7	8.1	27.56	92.1	7.58		1.70		2.9	
	Cloudy	Rough	11:51	11:53	11.9	Bottom	10.9	16.7	8.1	27.55	92.1	7.58		1.72		1.5	
15/2/2025	Sunny	Moderate	12:42	12:45	11.5	Surface	1.0	16.8	8.2	30.11	91.7	7.42	7.4	1.14	1.1	2.5	2.5
	Sunny	Moderate	12:42	12:45	11.5	Surface	1.0	16.8	8.2	30.11	91.7	7.42		1.20		2.1	
	Sunny	Moderate	12:42	12:45	11.5	Middle	5.8	16.8	8.2	30.15	91.2	7.38		0.28		2.7	
	Sunny	Moderate	12:42	12:45	11.5	Middle	5.8	16.8	8.2	30.15	91.2	7.38		1.30		3.4	
	Sunny	Moderate	12:42	12:45	11.5	Bottom	10.5	16.8	8.2	30.14	90.8	7.35		1.25		1.7	
	Sunny	Moderate	12:42	12:45	11.5	Bottom	10.5	16.8	8.2	30.14	90.9	7.36		1.26		2.7	
18/2/2025	Fine	Rough	14:16	14:20	11.6	Surface	1.0	17.7	8.2	29.97	100.5	8.01	8.0	0.91	1.4	3.4	4.1
	Fine	Rough	14:16	14:20	11.6	Surface	1.0	17.7	8.2	29.97	100.5	8.01		0.92		3.9	
	Fine	Rough	14:16	14:20	11.6	Middle	5.8	17.6	8.2	29.91	99.3	7.93		1.82		4.7	
	Fine	Rough	14:16	14:20	11.6	Middle	5.8	17.6	8.2	29.91	99.2	7.92		1.86		4.6	
	Fine	Rough	14:16	14:20	11.6	Bottom	10.6	17.5	8.1	29.89	98.2	7.87		1.57		4.2	
	Fine	Rough	14:16	14:20	11.6	Bottom	10.6	17.5	8.1	29.88	98.2	7.87		1.60		3.9	
20/2/2025	Fine	Rough	16:02	16:05	11.9	Surface	1.0	18.2	8.0	31.60	100.4	7.86	7.9	1.02	1.4	2.3	2.1
	Fine	Rough	16:02	16:05	11.9	Surface	1.0	18.2	8.0	31.60	100.4	7.86		1.06		2.1	
	Fine	Rough	16:02	16:05	11.9	Middle	6.0	18.2	8.0	31.56	100.4	7.84		1.26		2.0	
	Fine	Rough	16:02	16:05	11.9	Middle	6.0	18.2	8.0	31.56	100.4	7.84		1.25		2.1	
	Fine	Rough	16:02	16:05	11.9	Bottom	10.9	18.2	8.0	31.53	100.5	7.85		1.76		2.2	
	Fine	Rough	16:02	16:05	11.9	Bottom	10.9	18.2	8.0	31.53	100.5	7.85		1.89		1.6	
22/2/2025	Fine	Rough	19:23	19:26	11.7	Surface	1.0	17.7	7.9	30.40	101.1	8.00	8.0	0.10	0.3	5.0	4.8
	Fine	Rough	19:23	19:26	11.7	Surface	1.0	17.7	7.9	30.40	101.1	8.00		0.10		4.0	
	Fine	Rough	19:23	19:26	11.7	Middle	5.9	17.7	7.9	30.40	100.4	8.00		0.10		5.0	
	Fine	Rough	19:23	19:26	11.7	Middle	5.9	17.7	7.9	30.40	100.4	8.00		0.20		5.0	
	Fine	Rough	19:23	19:26	11.7	Bottom	10.7	17.7	7.9	30.40	93.2	7.40		0.60		5.0	
	Fine	Rough	19:23	19:26	11.7	Bottom	10.7	17.7	7.9	30.40	93.2	7.40		0.60		5.0	
25/2/2025	Cloudy	Rough	12:12	12:14	11.0	Surface	1.0	17.3	8.0	31.66	105.3	8.37	8.4	1.64	1.7	4.4	4.5
	Cloudy	Rough	12:12	12:14	11.0	Surface	1.0	17.3	8.0	31.66	105.3	8.37		1.63		5.4	
	Cloudy	Rough	12:12	12:14	11.0	Middle	5.5	17.3	8.0	31.66	104.7	8.33		1.74		3.5	
	Cloudy	Rough	12:12	12:14	11.0	Middle	5.5	17.3	8.0	31.66	104.7	8.33		1.73		4.1	
	Cloudy	Rough	12:12	12:14	11.0	Bottom	10.0	17.3	8.0	31.67	102.5	8.16		1.88		4.4	
	Cloudy	Rough	12:12	12:14	11.0	Bottom	10.0	17.3	8.0	31.67	102.5	8.16		1.86		5.0	
27/2/2025	Cloudy	Moderate	11:01	11:03	11.4	Surface	1.0	17.9	8.0	31.50	102.0	8.00	8.0	1.90	3.4	1.0	1.0
	Cloudy	Moderate	11:01	11:03	11.4	Surface	1.0	17.9	8.0	31.50	101.7	8.00		1.60		1.0	
	Cloudy	Moderate	11:01	11:03	11.4	Middle	5.7	17.6	8.0	31.50	100.6	7.90		1.70		1.0	
	Cloudy	Moderate	11:01	11:03	11.4	Middle	5.7	17.6	8.0	31.50	100.6	7.90		1.80		1.0	
	Cloudy	Moderate	11:01	11:03	11.4	Bottom	10.4	17.6	8.0	31.50	100.7	8.00		6.30		<1.0	
	Cloudy	Moderate	11:01	11:03	11.4	Bottom	10.4	17.7	8.0	31.50	100.8	8.00		6.80		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Station: CE
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	10:28	10:30	11.7	Surface	1.0	17.0	8.2	30.40	115.2	9.28	9.2	0.26	0.4	4.4	3.8
	Cloudy	Moderate	10:28	10:30	11.7	Surface	1.0	17.0	8.2	30.40	115.0	9.26		0.25		2.9	
	Cloudy	Moderate	10:28	10:30	11.7	Middle	5.9	16.9	8.2	30.40	114.0	9.18		0.27		3.0	
	Cloudy	Moderate	10:28	10:30	11.7	Middle	5.9	16.9	8.2	30.40	114.0	9.18	0.29	3.8			
	Cloudy	Moderate	10:28	10:30	11.7	Bottom	10.7	16.9	8.2	30.40	111.9	9.01	0.61	3.6			
	Cloudy	Moderate	10:28	10:30	11.7	Bottom	10.7	16.9	8.2	30.40	111.9	9.02	0.65	4.9			
4/2/2025	Cloudy	Moderate	11:52	11:55	11.7	Surface	1.0	16.8	8.5	30.42	113.1	9.12	9.1	0.39	0.6	2.4	2.4
	Cloudy	Moderate	11:52	11:55	11.7	Surface	1.0	16.8	8.5	30.42	113.1	9.12		0.39		2.9	
	Cloudy	Moderate	11:52	11:55	11.7	Middle	5.9	16.7	8.5	30.41	111.3	9.01		0.54		3.7	
	Cloudy	Moderate	11:52	11:55	11.7	Middle	5.9	16.7	8.5	30.41	111.3	9.01	0.48	2.0			
	Cloudy	Moderate	11:52	11:55	11.7	Bottom	10.7	16.6	8.5	30.40	109.6	8.88	0.80	1.2			
	Cloudy	Moderate	11:52	11:55	11.7	Bottom	10.7	16.6	8.5	30.40	109.6	8.89	0.73	1.9			
6/2/2025	Cloudy	Moderate	12:15	12:17	10.9	Surface	1.0	17.4	8.3	33.49	116.3	9.12	9.0	2.39	1.1	1.2	2.0
	Cloudy	Moderate	12:15	12:17	10.9	Surface	1.0	17.4	8.3	33.49	116.2	9.11		2.55		2.1	
	Cloudy	Moderate	12:15	12:17	10.9	Middle	5.5	17.3	8.3	33.50	114.3	8.98		0.44		1.9	
	Cloudy	Moderate	12:15	12:17	10.9	Middle	5.5	17.3	8.2	33.51	114.1	8.96	0.40	2.4			
	Cloudy	Moderate	12:15	12:17	10.9	Bottom	9.9	17.3	8.2	33.51	111.8	8.78	0.41	1.8			
	Cloudy	Moderate	12:15	12:17	10.9	Bottom	9.9	17.3	8.2	33.51	111.6	8.77	0.43	2.6			
8/2/2025	Cloudy	Moderate	10:50	10:52	11.5	Surface	1.0	16.7	8.2	33.50	107.6	8.54	8.5	0.47	2.3	3.8	2.5
	Cloudy	Moderate	10:50	10:52	11.5	Surface	1.0	16.7	8.2	33.50	107.5	8.54		0.49		2.8	
	Cloudy	Moderate	10:50	10:52	11.5	Middle	5.8	16.6	8.2	33.50	106.7	8.50		0.72		3.2	
	Cloudy	Moderate	10:50	10:52	11.5	Middle	5.8	16.6	8.2	33.50	106.7	8.49	0.90	1.4			
	Cloudy	Moderate	10:50	10:52	11.5	Bottom	10.5	16.5	8.3	33.48	104.1	8.31	4.00	1.3			
	Cloudy	Moderate	10:50	10:52	11.5	Bottom	10.5	16.5	8.3	33.48	104.3	8.31	6.93	2.5			
11/2/2025	Cloudy	Rough	07:56	07:58	11.5	Surface	1.0	16.8	8.1	33.49	102.7	8.14	8.1	0.39	1.0	1.7	1.2
	Cloudy	Rough	07:56	07:58	11.5	Surface	1.0	16.8	8.1	33.49	102.7	8.13		0.43		1.0	
	Cloudy	Rough	07:56	07:58	11.5	Middle	5.8	16.8	8.1	33.49	101.8	8.07		0.82		<1.0	
	Cloudy	Rough	07:56	07:58	11.5	Middle	5.8	16.8	8.1	33.49	101.8	8.07	0.86	<1.0			
	Cloudy	Rough	07:56	07:58	11.5	Bottom	10.5	16.8	8.1	33.48	100.9	7.99	1.75	1.1			
	Cloudy	Rough	07:56	07:58	11.5	Bottom	10.5	16.8	8.1	33.48	100.7	7.98	2.04	1.5			
13/2/2025	Cloudy	Rough	08:40	08:43	11.6	Surface	1.0	16.8	8.1	28.67	96.0	7.83	7.8	1.33	1.4	1.7	1.2
	Cloudy	Rough	08:40	08:43	11.6	Surface	1.0	16.8	8.1	28.66	96.0	7.83		1.34		1.0	
	Cloudy	Rough	08:40	08:43	11.6	Middle	5.8	16.6	8.1	28.43	94.3	7.74		1.52		<1.0	
	Cloudy	Rough	08:40	08:43	11.6	Middle	5.8	16.6	8.1	28.42	94.3	7.74	1.55	<1.0			
	Cloudy	Rough	08:40	08:43	11.6	Bottom	10.6	16.6	8.1	27.88	93.0	7.66	1.35	1.1			
	Cloudy	Rough	08:40	08:43	11.6	Bottom	10.6	16.6	8.1	27.87	93.0	7.66	1.36	1.5			
15/2/2025	Fine	Moderate	09:01	09:05	11.3	Surface	1.0	16.6	8.2	29.43	93.1	7.59	7.6	0.32	0.2	2.4	2.0
	Fine	Moderate	09:01	09:05	11.3	Surface	1.0	16.6	8.2	29.42	93.1	7.59		0.31		2.1	
	Fine	Moderate	09:01	09:05	11.3	Middle	5.7	16.6	8.2	29.29	92.6	7.55		0.11		<1.0	
	Fine	Moderate	09:01	09:05	11.3	Middle	5.7	16.6	8.2	29.28	92.5	7.55	0.13	2.6			
	Fine	Moderate	09:01	09:05	11.3	Bottom	10.3	16.6	8.2	29.15	92.2	7.53	0.19	1.5			
	Fine	Moderate	09:01	09:05	11.3	Bottom	10.3	16.6	8.2	29.14	92.2	7.53	0.24	2.2			
18/2/2025	Cloudy	Rough	09:57	10:01	11.4	Surface	1.0	17.9	8.2	30.40	101.4	8.02	8.0	1.04	1.2	4.7	4.7
	Cloudy	Rough	09:57	10:01	11.4	Surface	1.0	17.9	8.2	30.39	101.4	8.02		1.06		4.6	
	Cloudy	Rough	09:57	10:01	11.4	Middle	5.7	17.9	8.2	30.39	100.7	7.97		1.25		4.5	
	Cloudy	Rough	09:57	10:01	11.4	Middle	5.7	17.8	8.2	30.39	100.6	7.97	1.26	4.6			
	Cloudy	Rough	09:57	10:01	11.4	Bottom	10.4	17.8	8.2	30.38	99.6	7.89	1.37	4.6			
	Cloudy	Rough	09:57	10:01	11.4	Bottom	10.4	17.8	8.2	30.38	99.6	7.89	1.37	4.9			
20/2/2025	Fine	Rough	10:40	10:43	11.4	Surface	1.0	18.4	8.0	31.59	100.3	7.81	7.8	1.18	1.1	1.8	2.1
	Fine	Rough	10:40	10:43	11.4	Surface	1.0	18.4	8.0	31.59	100.3	7.81		1.19		2.1	
	Fine	Rough	10:40	10:43	11.4	Middle	5.7	18.4	8.0	31.61	100.2	7.88		1.53		2.2	
	Fine	Rough	10:40	10:43	11.4	Middle	5.7	18.4	8.0	31.61	100.2	7.88	1.52	2.5			
	Fine	Rough	10:40	10:43	11.4	Bottom	10.4	18.5	8.0	31.59	100.4	7.89	0.61	1.9			
	Fine	Rough	10:40	10:43	11.4	Bottom	10.4	18.5	8.0	31.59	100.4	7.89	0.63	2.2			
22/2/2025	Cloudy	Rough	09:02	09:05	11.4	Surface	1.0	17.6	7.9	30.40	102.8	8.20	8.2	0.90	1.0	5.0	4.8
	Cloudy	Rough	09:02	09:05	11.4	Surface	1.0	17.6	7.9	30.40	102.8	8.20		0.90		6.0	
	Cloudy	Rough	09:02	09:05	11.4	Middle	5.7	17.6	7.9	30.40	102.2	8.10		1.00		6.0	
	Cloudy	Rough	09:02	09:05	11.4	Middle	5.7	17.6	7.9	30.40	102.2	8.10	1.00	5.0			
	Cloudy	Rough	09:02	09:05	11.4	Bottom	10.4	17.6	7.9	30.40	100.0	8.00	1.20	4.0			
	Cloudy	Rough	09:02	09:05	11.4	Bottom	10.4	17.6	7.9	30.40	100.0	8.00	1.10	3.0			
25/2/2025	Fine	Rough	14:13	14:15	11.5	Surface	1.0	17.4	8.0	31.70	106.1	8.47	8.4	0.84	1.0	5.1	4.8
	Fine	Rough	14:13	14:15	11.5	Surface	1.0	17.4	8.0	31.70	106.1	8.47		0.86		5.2	
	Fine	Rough	14:13	14:15	11.5	Middle	5.8	17.4	8.0	31.69	105.4	8.42		0.84		5.3	
	Fine	Rough	14:13	14:15	11.5	Middle	5.8	17.4	8.0	31.69	105.4	8.42	0.88	4.4			
	Fine	Rough	14:13	14:15	11.5	Bottom	10.5	17.4	8.0	31.69	98.2	7.87	1.27	3.5			
	Fine	Rough	14:13	14:15	11.5	Bottom	10.5	17.4	8.0	31.69	98.2	7.87	1.30	5.4			
27/2/2025	Cloudy	Moderate	07:01	07:04	11.3	Surface	1.0	18.0	8.0	31.40	102.0	8.00	8.0	1.70	3.3	<1.0	1.2
	Cloudy	Moderate	07:01	07:04	11.3	Surface	1.0	17.9	8.0	31.50	101.8	8.00		1.80		<1.0	
	Cloudy	Moderate	07:01	07:04	11.3	Middle	5.7	17.7	8.0	31.50	100.3	7.90		3.00		1.0	
	Cloudy	Moderate	07:01	07:04	11.3	Middle	5.7	17.6	8.0	31.50	100.2	7.90	3.20	2.0			
	Cloudy	Moderate	07:01	07:04	11.3	Bottom	10.3	17.6	8.0	31.50	100.0	7.90	5.10	<1.0			
	Cloudy	Moderate	07:01	07:04	11.3	Bottom	10.3	17.6	8.0	31.50	100.0	7.90	5.00	<1.0			



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:42	14:45	11.2	Surface	1.0	17.0	8.2	30.44	110.5	8.88	8.8	0.82	1.5	4.5	5.0
	Cloudy	Moderate	14:42	14:45	11.2	Surface	1.0	17.0	8.2	30.44	110.3	8.87		0.81		4.5	
	Cloudy	Moderate	14:42	14:45	11.2	Middle	5.6	16.9	8.2	30.43	108.3	8.73		1.78		5.3	
	Cloudy	Moderate	14:42	14:45	11.2	Middle	5.6	16.9	8.2	30.43	108.2	8.72	1.79	3.9			
	Cloudy	Moderate	14:42	14:45	11.2	Bottom	10.2	16.9	8.2	30.43	107.5	8.66	8.7	1.91		4.2	
	Cloudy	Moderate	14:42	14:45	11.2	Bottom	10.2	16.9	8.2	30.43	107.4	8.66		1.91		7.8	
4/2/2025	Cloudy	Moderate	16:48	16:50	10.2	Surface	1.0	16.8	8.4	30.27	106.4	8.59	8.6	1.53	1.1	5.6	4.4
	Cloudy	Moderate	16:48	16:50	10.2	Surface	1.0	16.8	8.4	30.27	106.4	8.60		1.49		4.1	
	Cloudy	Moderate	16:48	16:50	10.2	Middle	5.1	16.8	8.4	30.30	107.7	8.70		0.74		4.8	
	Cloudy	Moderate	16:48	16:50	10.2	Middle	5.1	16.8	8.4	30.30	107.7	8.70	0.76	4.1			
	Cloudy	Moderate	16:48	16:50	10.2	Bottom	9.2	16.8	8.5	30.32	107.7	8.70	8.7	0.95		3.5	
	Cloudy	Moderate	16:48	16:50	10.2	Bottom	9.2	16.8	8.5	30.32	107.7	8.70		0.93		4.0	
6/2/2025	Cloudy	Moderate	19:37	19:40	10.5	Surface	1.0	17.2	8.2	33.40	113.8	8.95	8.8	4.11	3.9	1.5	1.7
	Cloudy	Moderate	19:37	19:40	10.5	Surface	1.0	17.2	8.2	33.40	113.6	8.94		4.19		3.0	
	Cloudy	Moderate	19:37	19:40	10.5	Middle	5.3	17.2	8.2	33.40	110.9	8.73		3.21		<1.0	
	Cloudy	Moderate	19:37	19:40	10.5	Middle	5.3	17.2	8.2	33.40	110.5	8.70	8.4	3.47		<1.0	
	Cloudy	Moderate	19:37	19:40	10.5	Bottom	9.5	17.2	8.2	33.40	106.9	8.41		4.41		1.6	
	Cloudy	Moderate	19:37	19:40	10.5	Bottom	9.5	17.2	8.2	33.40	106.5	8.38	4.30	1.8			
8/2/2025	Cloudy	Moderate	21:59	22:01	10.8	Surface	1.0	16.6	8.2	33.41	102.8	8.18	8.1	1.57	4.9	2.8	2.7
	Cloudy	Moderate	21:59	22:01	10.8	Surface	1.0	16.6	8.2	33.42	102.7	8.18		1.62		2.5	
	Cloudy	Moderate	21:59	22:01	10.8	Middle	5.4	16.6	8.2	33.46	101.4	8.08		6.46		2.2	
	Cloudy	Moderate	21:59	22:01	10.8	Middle	5.4	16.5	8.2	33.46	101.3	8.07	8.1	6.67		3.4	
	Cloudy	Moderate	21:59	22:01	10.8	Bottom	9.8	16.5	8.2	33.46	101.7	8.11		6.99		2.0	
	Cloudy	Moderate	21:59	22:01	10.8	Bottom	9.8	16.5	8.2	33.46	101.9	8.12	6.30	3.5			
11/2/2025	Cloudy	Rough	11:42	11:45	11.4	Surface	1.0	16.8	8.1	33.47	100.6	7.98	8.0	2.59	4.0	1.2	1.5
	Cloudy	Rough	11:42	11:45	11.4	Surface	1.0	16.8	8.1	33.47	100.6	7.98		2.70		<1.0	
	Cloudy	Rough	11:42	11:45	11.4	Middle	5.7	16.7	8.1	33.46	100.0	7.95		3.85		1.4	
	Cloudy	Rough	11:42	11:45	11.4	Middle	5.7	16.7	8.1	33.46	100.0	7.95	7.9	3.98		1.4	
	Cloudy	Rough	11:42	11:45	11.4	Bottom	10.4	16.7	8.1	33.46	99.7	7.92		5.57		1.6	
	Cloudy	Rough	11:42	11:45	11.4	Bottom	10.4	16.7	8.1	33.47	99.5	7.91		5.56		2.4	
13/2/2025	Cloudy	Rough	13:17	13:20	9.9	Surface	1.0	16.6	8.1	28.69	92.8	7.61	7.6	1.25	1.6	1.2	1.5
	Cloudy	Rough	13:17	13:20	9.9	Surface	1.0	16.6	8.1	28.69	92.8	7.61		1.26		<1.0	
	Cloudy	Rough	13:17	13:20	9.9	Middle	5.0	16.5	8.1	28.56	92.4	7.59		1.08		1.4	
	Cloudy	Rough	13:17	13:20	9.9	Middle	5.0	16.5	8.1	28.55	92.4	7.59	7.5	1.11		1.4	
	Cloudy	Rough	13:17	13:20	9.9	Bottom	8.9	16.5	8.1	28.32	90.5	7.45		2.42		1.6	
	Cloudy	Rough	13:17	13:20	9.9	Bottom	8.9	16.5	8.1	28.31	90.5	7.45		2.43		2.4	
15/2/2025	Sunny	Moderate	14:18	14:20	9.9	Surface	1.0	16.7	8.2	30.24	90.8	7.35	7.3	1.05	1.2	2.6	3.0
	Sunny	Moderate	14:18	14:20	9.9	Surface	1.0	16.7	8.2	30.24	90.9	7.35		1.09		2.6	
	Sunny	Moderate	14:18	14:20	9.9	Middle	5.0	16.7	8.2	30.27	90.2	7.30		1.40		3.2	
	Sunny	Moderate	14:18	14:20	9.9	Middle	5.0	16.7	8.2	30.27	90.2	7.30	7.3	1.42		3.6	
	Sunny	Moderate	14:18	14:20	9.9	Bottom	8.9	16.7	8.2	30.27	90.0	7.29		1.24		2.7	
	Sunny	Moderate	14:18	14:20	9.9	Bottom	8.9	16.7	8.2	30.27	90.0	7.29		1.23		3.0	
18/2/2025	Fine	Rough	15:43	15:47	9.6	Surface	1.0	17.9	8.1	30.28	93.2	7.45	7.4	0.81	1.1	3.3	4.0
	Fine	Rough	15:43	15:47	9.6	Surface	1.0	17.9	8.1	30.28	93.2	7.45		0.82		4.4	
	Fine	Rough	15:43	15:47	9.6	Middle	4.8	17.4	8.1	30.29	92.8	7.42		1.27		3.9	
	Fine	Rough	15:43	15:47	9.6	Middle	4.8	17.4	8.1	30.29	92.8	7.42	7.3	1.18		3.6	
	Fine	Rough	15:43	15:47	9.6	Bottom	8.6	17.3	8.1	30.28	91.8	7.34		1.26		4.1	
	Fine	Rough	15:43	15:47	9.6	Bottom	8.6	17.3	8.1	30.28	91.8	7.34		1.29		4.7	
20/2/2025	Fine	Rough	17:32	17:35	9.9	Surface	1.0	18.1	8.1	31.55	101.7	8.05	8.0	1.24	1.1	2.2	2.3
	Fine	Rough	17:32	17:35	9.9	Surface	1.0	18.1	8.1	31.55	101.7	8.05		1.21		2.2	
	Fine	Rough	17:32	17:35	9.9	Middle	5.0	18.1	8.1	31.55	101.6	8.01		0.95		2.2	
	Fine	Rough	17:32	17:35	9.9	Middle	5.0	18.1	8.1	31.54	101.6	8.01	8.0	0.97		2.4	
	Fine	Rough	17:32	17:35	9.9	Bottom	8.9	18.1	8.1	31.55	101.5	7.95		1.11		2.3	
	Fine	Rough	17:32	17:35	9.9	Bottom	8.9	18.1	8.1	31.55	101.4	7.95		1.13		2.3	
22/2/2025	Fine	Rough	20:52	20:56	9.7	Surface	1.0	17.7	8.0	30.40	105.8	8.40	8.1	0.10	1.0	3.0	3.7
	Fine	Rough	20:52	20:56	9.7	Surface	1.0	17.7	8.0	30.40	105.8	8.40		0.20		3.0	
	Fine	Rough	20:52	20:56	9.7	Middle	4.9	17.6	7.9	30.50	97.9	7.80		0.80		3.0	
	Fine	Rough	20:52	20:56	9.7	Middle	4.9	17.6	7.9	30.50	97.9	7.80	7.5	0.80		4.0	
	Fine	Rough	20:52	20:56	9.7	Bottom	8.7	17.6	8.0	31.00	94.7	7.50		2.00		5.0	
	Fine	Rough	20:52	20:56	9.7	Bottom	8.7	17.6	8.0	31.00	94.7	7.50		2.00		4.0	
25/2/2025	Cloudy	Rough	10:38	10:40	9.7	Surface	1.0	17.3	7.9	29.89	105.1	8.51	8.3	2.23	2.5	5.8	4.7
	Cloudy	Rough	10:38	10:40	9.7	Surface	1.0	17.3	7.9	29.87	105.1	8.50		2.27		4.4	
	Cloudy	Rough	10:38	10:40	9.7	Middle	4.9	17.3	7.9	29.49	100.1	8.13		1.81		4.8	
	Cloudy	Rough	10:38	10:40	9.7	Middle	4.9	17.3	7.9	29.47	100.1	8.12	7.9	1.83		4.2	
	Cloudy	Rough	10:38	10:40	9.7	Bottom	8.7	17.3	7.9	29.27	97.4	7.91		3.48		4.9	
	Cloudy	Rough	10:38	10:40	9.7	Bottom	8.7	17.3	7.9	29.24	97.1	7.90		3.41		3.9	
27/2/2025	Cloudy	Moderate	12:00	12:04	9.5	Surface	1.0	18.2	8.0	31.40	102.2	8.00	8.0	1.70	4.9	<1.0	1.2
	Cloudy	Moderate	12:00	12:04	9.5	Surface	1.0	18.0	8.0	31.50	102.0	8.00		2.10		<1.0	
	Cloudy	Moderate	12:00	12:04	9.5	Middle	4.8	17.8	8.0	31.50	101.3	8.00		4.10		1.0	
	Cloudy	Moderate	12:00	12:04	9.5	Middle	4.8	17.8	8.0	31.50	101.2	8.00	8.0	4.10		2.0	
	Cloudy	Moderate	12:00	12:04	9.5	Bottom	8.5	17.8	7.9	31.50	101.0	8.00		8.70		1.0	
	Cloudy	Moderate	12:00	12:04	9.5	Bottom	8.5	17.9	7.9	31.40	101.3	8.00		8.90		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	09:09	09:11	10.3	Surface	1.0	17.0	8.1	24.71	109.1	9.08	9.0	0.69	1.3	2.7	3.6
	Cloudy	Moderate	09:09	09:11	10.3	Surface	1.0	17.0	8.1	24.67	109.0	9.07		0.86		2.6	
	Cloudy	Moderate	09:09	09:11	10.3	Middle	5.2	16.8	8.1	23.93	106.6	8.95		1.38		5.5	
	Cloudy	Moderate	09:09	09:11	10.3	Middle	5.2	16.8	8.1	23.88	106.6	8.96	9.0	1.63		3.2	
	Cloudy	Moderate	09:09	09:11	10.3	Bottom	9.3	16.8	8.1	23.28	106.3	8.96		1.62		2.4	
	Cloudy	Moderate	09:09	09:11	10.3	Bottom	9.3	16.8	8.1	23.23	106.3	8.97		1.54		5.2	
4/2/2025	Cloudy	Moderate	10:33	10:35	9.8	Surface	1.0	16.7	8.4	29.30	107.1	8.71	8.7	0.20	0.8	3.7	2.6
	Cloudy	Moderate	10:33	10:35	9.8	Surface	1.0	16.7	8.4	29.30	107.1	8.71		0.24		2.2	
	Cloudy	Moderate	10:33	10:35	9.8	Middle	4.9	16.7	8.4	29.15	107.3	8.75		0.72		2.1	
	Cloudy	Moderate	10:33	10:35	9.8	Middle	4.9	16.7	8.4	29.14	107.3	8.75	8.8	0.76		2.2	
	Cloudy	Moderate	10:33	10:35	9.8	Bottom	8.8	16.7	8.4	28.90	107.2	8.75		1.50		2.6	
	Cloudy	Moderate	10:33	10:35	9.8	Bottom	8.8	16.7	8.4	28.89	107.2	8.75		1.53		2.5	
6/2/2025	Cloudy	Moderate	11:16	11:18	10.3	Surface	1.0	17.3	8.2	33.41	116.4	9.15	9.2	0.61	0.8	1.3	1.2
	Cloudy	Moderate	11:16	11:18	10.3	Surface	1.0	17.3	8.2	33.42	116.5	9.16		0.59		1.0	
	Cloudy	Moderate	11:16	11:18	10.3	Middle	5.2	17.2	8.2	33.42	116.5	9.16		0.72		1.2	
	Cloudy	Moderate	11:16	11:18	10.3	Middle	5.2	17.2	8.2	33.43	116.4	9.16	9.1	0.66		1.3	
	Cloudy	Moderate	11:16	11:18	10.3	Bottom	9.3	17.2	8.2	33.44	115.7	9.11		0.98		1.5	
	Cloudy	Moderate	11:16	11:18	10.3	Bottom	9.3	17.2	8.2	33.44	115.7	9.11		0.98		1.1	
8/2/2025	Cloudy	Moderate	09:54	09:56	10.3	Surface	1.0	16.6	8.1	33.39	101.4	8.07	8.0	1.45	2.4	1.4	2.2
	Cloudy	Moderate	09:54	09:56	10.3	Surface	1.0	16.6	8.1	33.39	101.2	8.06		1.49		1.1	
	Cloudy	Moderate	09:54	09:56	10.3	Middle	5.2	16.5	8.0	33.41	100.3	7.99		1.65		2.6	
	Cloudy	Moderate	09:54	09:56	10.3	Middle	5.2	16.5	8.0	33.41	100.2	7.99	8.0	1.85		2.0	
	Cloudy	Moderate	09:54	09:56	10.3	Bottom	9.3	16.5	8.0	33.45	100.1	7.99		4.11		3.1	
	Cloudy	Moderate	09:54	09:56	10.3	Bottom	9.3	16.5	8.0	33.45	100.1	7.99		4.13		2.8	
11/2/2025	Cloudy	Rough	06:35	06:37	11.1	Surface	1.0	16.6	8.0	33.54	98.9	7.88	7.9	2.99	4.4	1.5	1.7
	Cloudy	Rough	06:35	06:37	11.1	Surface	1.0	16.5	8.0	33.55	98.8	7.87		3.15		2.6	
	Cloudy	Rough	06:35	06:37	11.1	Middle	5.6	16.5	8.0	33.56	98.5	7.85		4.00		1.5	
	Cloudy	Rough	06:35	06:37	11.1	Middle	5.6	16.5	8.0	33.56	98.4	7.85	7.8	4.46		2.3	
	Cloudy	Rough	06:35	06:37	11.1	Bottom	10.1	16.5	8.0	33.55	98.2	7.83		5.97		<1.0	
	Cloudy	Rough	06:35	06:37	11.1	Bottom	10.1	16.5	8.0	33.55	98.2	7.83		5.91		<1.0	
13/2/2025	Cloudy	Rough	07:17	07:19	9.6	Surface	1.0	16.5	8.1	27.58	91.9	7.59	7.6	1.68	1.3	1.5	1.7
	Cloudy	Rough	07:17	07:19	9.6	Surface	1.0	16.5	8.1	27.58	91.9	7.60		1.65		2.6	
	Cloudy	Rough	07:17	07:19	9.6	Middle	4.8	16.4	8.1	27.46	91.9	7.61		0.92		1.5	
	Cloudy	Rough	07:17	07:19	9.6	Middle	4.8	16.4	8.1	27.45	91.9	7.61	7.6	0.91		2.3	
	Cloudy	Rough	07:17	07:19	9.6	Bottom	8.6	16.4	8.1	27.28	91.7	7.60		1.41		<1.0	
	Cloudy	Rough	07:17	07:19	9.6	Bottom	8.6	16.4	8.1	27.27	91.7	7.60		1.43		<1.0	
15/2/2025	Fine	Moderate	07:41	07:44	9.7	Surface	1.0	16.6	8.2	27.13	90.9	7.52	7.5	1.12	1.5	3.3	2.8
	Fine	Moderate	07:41	07:44	9.7	Surface	1.0	16.6	8.2	27.12	91.0	7.52		1.15		3.0	
	Fine	Moderate	07:41	07:44	9.7	Middle	4.9	16.6	8.2	26.95	90.1	7.46		1.62		2.7	
	Fine	Moderate	07:41	07:44	9.7	Middle	4.9	16.6	8.2	26.94	90.1	7.46	7.5	1.61		2.6	
	Fine	Moderate	07:41	07:44	9.7	Bottom	8.7	16.6	8.2	26.70	89.9	7.45		1.86		2.2	
	Fine	Moderate	07:41	07:44	9.7	Bottom	8.7	16.6	8.2	26.69	89.9	7.45		1.84		2.7	
18/2/2025	Cloudy	Rough	08:27	08:30	9.4	Surface	1.0	17.7	8.1	30.27	94.0	7.46	7.4	0.85	1.5	4.1	4.3
	Cloudy	Rough	08:27	08:30	9.4	Surface	1.0	17.7	8.1	30.27	94.0	7.46		0.84		4.4	
	Cloudy	Rough	08:27	08:30	9.4	Middle	4.7	17.6	8.1	30.24	93.3	7.42		1.26		5.3	
	Cloudy	Rough	08:27	08:30	9.4	Middle	4.7	17.6	8.1	30.24	93.3	7.42	7.4	1.21		4.2	
	Cloudy	Rough	08:27	08:30	9.4	Bottom	8.4	17.5	8.1	30.26	92.5	7.37		2.32		3.8	
	Cloudy	Rough	08:27	08:30	9.4	Bottom	8.4	17.5	8.1	30.26	92.5	7.37		2.55		3.8	
20/2/2025	Fine	Rough	09:12	09:15	9.6	Surface	1.0	18.3	8.0	31.53	100.0	7.80	7.8	1.81	1.4	2.1	2.2
	Fine	Rough	09:12	09:15	9.6	Surface	1.0	18.3	8.0	31.53	100.0	7.80		1.89		2.0	
	Fine	Rough	09:12	09:15	9.6	Middle	4.8	18.3	8.0	31.56	100.0	7.80		1.66		1.7	
	Fine	Rough	09:12	09:15	9.6	Middle	4.8	18.3	8.0	31.56	100.0	7.80	7.9	1.66		2.6	
	Fine	Rough	09:12	09:15	9.6	Bottom	8.6	18.2	7.9	31.46	99.5	7.88		0.61		2.3	
	Fine	Rough	09:12	09:15	9.6	Bottom	8.6	18.2	7.9	31.46	99.5	7.88		0.64		2.4	
22/2/2025	Cloudy	Rough	07:27	07:30	9.5	Surface	1.0	17.6	7.9	27.40	102.6	8.30	8.1	1.50	1.8	6.0	5.2
	Cloudy	Rough	07:27	07:30	9.5	Surface	1.0	17.6	7.9	27.40	102.6	8.30		1.60		7.0	
	Cloudy	Rough	07:27	07:30	9.5	Middle	4.8	17.6	7.9	27.00	97.6	7.90		1.10		4.0	
	Cloudy	Rough	07:27	07:30	9.5	Middle	4.8	17.6	7.9	27.00	97.6	7.90	7.7	1.10		5.0	
	Cloudy	Rough	07:27	07:30	9.5	Bottom	8.5	17.6	7.9	26.80	94.9	7.70		2.80		4.0	
	Cloudy	Rough	07:27	07:30	9.5	Bottom	8.5	17.6	7.9	26.70	94.6	7.70		2.70		5.0	
25/2/2025	Fine	Rough	15:53	15:55	9.4	Surface	1.0	17.4	8.0	31.69	110.8	8.84	8.5	0.85	1.7	4.3	5.1
	Fine	Rough	15:53	15:55	9.4	Surface	1.0	17.4	8.0	31.69	110.8	8.84		0.88		4.8	
	Fine	Rough	15:53	15:55	9.4	Middle	4.7	17.3	8.0	31.75	102.9	8.23		1.51		5.5	
	Fine	Rough	15:53	15:55	9.4	Middle	4.7	17.3	8.0	31.75	102.9	8.23	8.0	1.54		6.0	
	Fine	Rough	15:53	15:55	9.4	Bottom	8.4	17.3	8.0	32.23	99.7	7.96		2.74		5.5	
	Fine	Rough	15:53	15:55	9.4	Bottom	8.4	17.3	8.0	32.22	99.7	7.96		2.75		4.3	
27/2/2025	Cloudy	Moderate	06:12	06:15	9.4	Surface	1.0	17.9	7.9	31.40	100.4	7.90	7.9	1.80	2.1	2.0	1.3
	Cloudy	Moderate	06:12	06:15	9.4	Surface	1.0	17.8	7.9	31.50	100.2	7.90		1.90		1.0	
	Cloudy	Moderate	06:12	06:15	9.4	Middle	4.7	17.7	7.9	31.50	99.8	7.90		2.00		2.0	
	Cloudy	Moderate	06:12	06:15	9.4	Middle	4.7	17.7	7.9	31.50	99.8	7.90	7.9	2.10		1.0	
	Cloudy	Moderate	06:12	06:15	9.4	Bottom	8.4	17.6	7.9	31.50	99.3	7.90		2.50		<1.0	
	Cloudy	Moderate	06:12	06:15	9.4	Bottom	8.4	17.6	7.9	31.50	99.3	7.90		2.50		<1.0	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:31	14:32	4.0	Surface	1.0	17.1	8.2	30.36	120.5	9.68	9.7	0.47	0.8	4.3	5.9
	Cloudy	Moderate	14:31	14:32	4.0	Surface	1.0	17.1	8.2	30.36	120.4	9.68		0.45		5.4	
	Cloudy	Moderate	14:31	14:32	4.0	Bottom	3.0	16.9	8.2	30.35	114.9	9.26	9.3	1.23		5.4	
	Cloudy	Moderate	14:31	14:32	4.0	Bottom	3.0	16.9	8.2	30.36	115.0	9.27		1.17		8.4	
4/2/2025	Cloudy	Moderate	16:30	16:32	3.9	Surface	1.0	16.9	8.5	30.39	119.4	9.62	9.6	0.34	0.5	1.7	2.0
	Cloudy	Moderate	16:30	16:32	3.9	Surface	1.0	16.9	8.5	30.39	119.3	9.62		0.34		1.3	
	Cloudy	Moderate	16:30	16:32	3.9	Bottom	2.9	16.7	8.5	30.39	115.2	9.32	9.3	0.61		2.7	
	Cloudy	Moderate	16:30	16:32	3.9	Bottom	2.9	16.7	8.5	30.39	115.2	9.32		0.64		2.1	
6/2/2025	Cloudy	Moderate	19:23	19:24	3.9	Surface	1.0	17.2	8.3	33.46	114.8	9.02	9.0	0.42	0.4	1.5	1.6
	Cloudy	Moderate	19:23	19:24	3.9	Surface	1.0	17.2	8.3	33.46	114.4	9.00		0.41		1.9	
	Cloudy	Moderate	19:23	19:24	3.9	Bottom	2.9	17.2	8.3	33.45	111.3	8.76	8.7	0.39		1.6	
	Cloudy	Moderate	19:23	19:24	3.9	Bottom	2.9	17.2	8.3	33.46	110.7	8.71		0.40		1.2	
8/2/2025	Cloudy	Moderate	21:39	21:41	3.4	Surface	1.0	16.8	8.3	33.49	106.6	8.45	8.5	0.69	0.7	3.1	3.2
	Cloudy	Moderate	21:39	21:41	3.4	Surface	1.0	16.8	8.3	33.49	106.6	8.45		0.68		2.5	
	Cloudy	Moderate	21:39	21:41	3.4	Bottom	2.4	16.7	8.3	33.46	105.2	8.36	8.4	0.63		3.1	
	Cloudy	Moderate	21:39	21:41	3.4	Bottom	2.4	16.7	8.3	33.46	105.0	8.35		0.64		4.1	
11/2/2025	Cloudy	Rough	11:31	11:33	4.3	Surface	1.0	16.8	8.1	33.48	102.3	8.11	8.1	1.49	1.5	<1.0	1.2
	Cloudy	Rough	11:31	11:33	4.3	Surface	1.0	16.8	8.1	33.48	102.3	8.10		1.52		<1.0	
	Cloudy	Rough	11:31	11:33	4.3	Bottom	3.3	16.8	8.1	33.48	102.0	8.08	8.1	1.51		1.1	
	Cloudy	Rough	11:31	11:33	4.3	Bottom	3.3	16.8	8.1	33.48	102.0	8.08		1.51		1.5	
13/2/2025	Cloudy	Rough	12:46	12:48	3.8	Surface	1.0	16.7	8.1	28.67	96.6	7.90	7.9	1.16	1.1	<1.0	1.2
	Cloudy	Rough	12:46	12:48	3.8	Surface	1.0	16.7	8.1	28.66	96.6	7.90		1.16		<1.0	
	Cloudy	Rough	12:46	12:48	3.8	Bottom	2.8	16.5	8.1	28.21	92.8	7.63	7.6	1.02		1.1	
	Cloudy	Rough	12:46	12:48	3.8	Bottom	2.8	16.5	8.1	28.20	92.8	7.63		1.03		1.5	
15/2/2025	Sunny	Moderate	13:58	14:01	3.6	Surface	1.0	16.8	8.2	30.26	91.9	7.43	7.4	1.06	1.1	2.3	2.8
	Sunny	Moderate	13:58	14:01	3.6	Surface	1.0	16.8	8.2	30.26	91.9	7.43		1.07		2.8	
	Sunny	Moderate	13:58	14:01	3.6	Bottom	2.6	16.7	8.2	30.26	90.7	7.35	7.4	1.14		3.0	
	Sunny	Moderate	13:58	14:01	3.6	Bottom	2.6	16.7	8.2	30.26	90.7	7.35		1.14		2.9	
18/2/2025	Fine	Rough	15:17	15:20	3.6	Surface	1.0	17.7	8.1	30.20	95.2	7.57	7.6	0.72	1.0	4.0	4.0
	Fine	Rough	15:17	15:20	3.6	Surface	1.0	17.7	8.1	30.20	95.2	7.56		0.69		3.5	
	Fine	Rough	15:17	15:20	3.6	Bottom	2.6	17.5	8.1	30.18	93.3	7.44	7.4	1.35		4.0	
	Fine	Rough	15:17	15:20	3.6	Bottom	2.6	17.5	8.1	30.18	93.3	7.44		1.33		4.4	
20/2/2025	Fine	Rough	17:07	17:10	3.6	Surface	1.0	18.2	8.1	31.56	102.7	8.02	8.0	1.04	1.2	5.4	5.0
	Fine	Rough	17:07	17:10	3.6	Surface	1.0	18.2	8.1	31.56	102.7	8.02		1.07		4.8	
	Fine	Rough	17:07	17:10	3.6	Bottom	2.6	18.1	8.1	31.57	102.8	8.04	8.0	1.26		5.2	
	Fine	Rough	17:07	17:10	3.6	Bottom	2.6	18.1	8.1	31.57	102.8	8.04		1.29		4.6	
22/2/2025	Fine	Rough	20:32	20:35	3.7	Surface	1.0	17.7	8.0	30.40	102.4	8.10	8.1	0.90	0.6	3.0	3.0
	Fine	Rough	20:32	20:35	3.7	Surface	1.0	17.7	8.0	30.40	102.3	8.10		0.90		3.0	
	Fine	Rough	20:32	20:35	3.7	Bottom	2.7	17.6	7.9	30.50	99.7	7.90	7.9	0.30		3.0	
	Fine	Rough	20:32	20:35	3.7	Bottom	2.7	17.6	7.9	30.50	99.7	7.90		0.30		3.0	
25/2/2025	Cloudy	Rough	10:58	11:00	3.5	Surface	1.0	17.3	7.9	30.88	105.2	8.46	8.5	1.15	1.4	5.5	4.8
	Cloudy	Rough	10:58	11:00	3.5	Surface	1.0	17.3	7.9	30.86	105.0	8.45		1.20		5.9	
	Cloudy	Rough	10:58	11:00	3.5	Bottom	2.5	17.3	7.9	30.72	102.6	8.27	8.3	1.63		3.6	
	Cloudy	Rough	10:58	11:00	3.5	Bottom	2.5	17.3	7.9	30.70	102.6	8.27		1.63		4.2	
27/2/2025	Cloudy	Moderate	11:43	11:45	3.4	Surface	1.0	18.3	7.9	31.40	102.3	8.00	8.0	1.60	1.7	<1.0	1.3
	Cloudy	Moderate	11:43	11:45	3.4	Surface	1.0	18.2	7.9	31.40	102.2	8.00		1.60		<1.0	
	Cloudy	Moderate	11:43	11:45	3.4	Bottom	2.4	17.9	7.9	31.40	101.0	7.90	7.9	1.70		2.0	
	Cloudy	Moderate	11:43	11:45	3.4	Bottom	2.4	17.9	7.9	31.40	101.1	7.90		1.70		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	09:30	09:32	3.7	Surface	1.0	17.1	8.2	30.07	119.2	9.60	9.6	2.11	3.7	2.1	2.6
	Cloudy	Moderate	09:30	09:32	3.7	Surface	1.0	17.1	8.2	30.07	119.2	9.59		2.34		2.6	
	Cloudy	Moderate	09:30	09:32	3.7	Bottom	2.7	16.9	8.2	30.04	114.5	9.26	9.3	5.04		2.5	
	Cloudy	Moderate	09:30	09:32	3.7	Bottom	2.7	16.9	8.2	30.05	114.5	9.26		5.34		3.2	
4/2/2025	Cloudy	Moderate	10:59	11:00	3.6	Surface	1.0	16.7	8.5	30.39	109.4	8.85	8.9	0.07	0.3	2.8	3.0
	Cloudy	Moderate	10:59	11:00	3.6	Surface	1.0	16.7	8.5	30.39	109.3	8.85		0.07		3.7	
	Cloudy	Moderate	10:59	11:00	3.6	Bottom	2.6	16.5	8.4	30.40	103.4	8.40	8.4	0.45		2.8	
	Cloudy	Moderate	10:59	11:00	3.6	Bottom	2.6	16.5	8.4	30.40	103.4	8.40		0.49		2.7	
6/2/2025	Cloudy	Moderate	11:34	11:36	4.4	Surface	1.0	17.2	8.3	33.47	115.9	9.12	9.1	0.82	0.9	1.1	1.4
	Cloudy	Moderate	11:34	11:36	4.4	Surface	1.0	17.2	8.3	33.47	115.8	9.10		0.87		1.4	
	Cloudy	Moderate	11:34	11:36	4.4	Bottom	3.4	17.2	8.2	33.47	112.4	8.85	8.8	0.98		1.8	
	Cloudy	Moderate	11:34	11:36	4.4	Bottom	3.4	17.2	8.2	33.47	112.0	8.81		0.92		1.4	
8/2/2025	Cloudy	Moderate	10:10	10:12	4.5	Surface	1.0	16.6	8.2	33.48	106.7	8.49	8.5	0.74	0.8	1.5	1.6
	Cloudy	Moderate	10:10	10:12	4.5	Surface	1.0	16.6	8.2	33.48	106.7	8.49		0.74		1.2	
	Cloudy	Moderate	10:10	10:12	4.5	Bottom	3.5	16.5	8.3	33.49	106.1	8.45	8.4	0.77		2.0	
	Cloudy	Moderate	10:10	10:12	4.5	Bottom	3.5	16.5	8.3	33.49	105.9	8.44		0.79		1.5	
11/2/2025	Cloudy	Rough	06:58	07:01	4.1	Surface	1.0	16.7	8.1	33.48	100.7	8.00	8.0	1.92	1.9	1.3	1.3
	Cloudy	Rough	06:58	07:01	4.1	Surface	1.0	16.7	8.1	33.48	100.7	7.99		1.95		1.9	
	Cloudy	Rough	06:58	07:01	4.1	Bottom	3.1	16.7	8.1	33.48	100.3	7.96	8.0	1.92		<1.0	
	Cloudy	Rough	06:58	07:01	4.1	Bottom	3.1	16.7	8.1	33.48	100.2	7.96		1.91		<1.0	
13/2/2025	Cloudy	Rough	07:37	07:39	3.7	Surface	1.0	16.5	8.1	26.37	92.1	7.67	7.7	0.30	0.7	1.3	1.3
	Cloudy	Rough	07:37	07:39	3.7	Surface	1.0	16.5	8.1	26.35	92.1	7.67		0.29		1.9	
	Cloudy	Rough	07:37	07:39	3.7	Bottom	2.7	16.5	8.1	25.06	91.6	7.70	7.7	1.13		<1.0	
	Cloudy	Rough	07:37	07:39	3.7	Bottom	2.7	16.5	8.1	25.03	91.6	7.70		1.16		<1.0	
15/2/2025	Fine	Moderate	08:01	08:03	3.4	Surface	1.0	16.7	8.2	29.59	91.1	7.41	7.4	0.31	0.5	2.3	2.4
	Fine	Moderate	08:01	08:03	3.4	Surface	1.0	16.7	8.2	29.58	91.1	7.41		0.28		2.2	
	Fine	Moderate	08:01	08:03	3.4	Bottom	2.4	16.7	8.2	29.53	90.5	7.37	7.4	0.81		2.1	
	Fine	Moderate	08:01	08:03	3.4	Bottom	2.4	16.7	8.2	29.53	90.5	7.37		0.79		2.8	
18/2/2025	Cloudy	Moderate	08:52	08:54	3.3	Surface	1.0	17.7	8.2	30.26	95.8	7.68	7.7	2.41	1.4	4.9	4.7
	Cloudy	Moderate	08:52	08:54	3.3	Surface	1.0	17.7	8.2	30.26	95.7	7.68		2.49		5.5	
	Cloudy	Moderate	08:52	08:54	3.3	Bottom	2.3	17.9	8.1	30.27	95.7	7.67	7.7	0.35		4.2	
	Cloudy	Moderate	08:52	08:54	3.3	Bottom	2.3	17.9	8.1	30.27	95.7	7.66		0.35		4.2	
20/2/2025	Fine	Rough	09:28	09:30	3.4	Surface	1.0	18.3	8.0	31.57	100.4	7.93	7.9	0.54	1.0	2.4	2.3
	Fine	Rough	09:28	09:30	3.4	Surface	1.0	18.3	8.0	31.57	100.4	7.93		0.56		2.4	
	Fine	Rough	09:28	09:30	3.4	Bottom	2.4	18.8	7.9	31.47	100.2	7.84	7.8	1.50		2.4	
	Fine	Rough	09:28	09:30	3.4	Bottom	2.4	18.8	7.9	31.47	100.2	7.84		1.51		1.9	
22/2/2025	Cloudy	Rough	07:48	07:51	3.4	Surface	1.0	17.6	7.9	28.40	102.7	8.30	8.3	0.40	0.7	7.0	6.0
	Cloudy	Rough	07:48	07:51	3.4	Surface	1.0	17.6	7.9	28.30	102.5	8.30		0.50		7.0	
	Cloudy	Rough	07:48	07:51	3.4	Bottom	2.4	17.6	7.9	28.20	100.1	8.10	8.1	0.90		5.0	
	Cloudy	Rough	07:48	07:51	3.4	Bottom	2.4	17.6	7.9	28.20	100.1	8.10		0.90		5.0	
25/2/2025	Fine	Rough	15:31	15:33	3.6	Surface	1.0	17.4	8.0	31.69	107.4	8.58	8.6	1.61	1.3	5.5	5.7
	Fine	Rough	15:31	15:33	3.6	Surface	1.0	17.4	8.0	31.69	107.3	8.58		1.61		5.8	
	Fine	Rough	15:31	15:33	3.6	Bottom	2.6	17.3	8.0	31.71	104.7	8.38	8.4	0.99		6.1	
	Fine	Rough	15:31	15:33	3.6	Bottom	2.6	17.3	8.0	31.71	104.7	8.38		1.02		5.2	
27/2/2025	Cloudy	Moderate	06:24	06:26	3.4	Surface	1.0	17.9	7.9	31.50	100.6	7.90	7.9	2.10	2.1	2.0	1.3
	Cloudy	Moderate	06:24	06:26	3.4	Surface	1.0	17.9	7.9	31.50	100.6	7.90		2.00		1.0	
	Cloudy	Moderate	06:24	06:26	3.4	Bottom	2.4	17.8	7.9	31.50	100.8	7.90	7.9	2.20		1.0	
	Cloudy	Moderate	06:24	06:26	3.4	Bottom	2.4	17.8	7.9	31.50	100.9	7.90		2.10		1.0	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:26	14:27	4.4	Surface	1.0	17.1	8.2	30.36	115.7	9.29	9.3	0.16	0.1	3.2	3.1
	Cloudy	Moderate	14:26	14:27	4.4	Surface	1.0	17.1	8.2	30.36	115.7	9.30		0.16		3.7	
	Cloudy	Moderate	14:26	14:27	4.4	Bottom	3.4	17.0	8.2	30.39	116.0	9.33	9.3	0.11		2.2	
	Cloudy	Moderate	14:26	14:27	4.4	Bottom	3.4	17.0	8.2	30.39	115.9	9.32		0.13		3.2	
4/2/2025	Cloudy	Moderate	16:21	16:23	5.3	Surface	1.0	17.0	8.5	30.39	119.6	9.62	9.6	0.07	0.2	2.3	2.7
	Cloudy	Moderate	16:21	16:23	5.3	Surface	1.0	17.0	8.5	30.39	119.6	9.62		0.06		2.7	
	Cloudy	Moderate	16:21	16:23	5.3	Bottom	4.3	16.7	8.5	30.39	119.3	9.64	9.6	0.31		3.0	
	Cloudy	Moderate	16:21	16:23	5.3	Bottom	4.3	16.7	8.5	30.39	119.3	9.64		0.31		2.7	
6/2/2025	Cloudy	Moderate	19:19	19:21	5.5	Surface	1.0	17.3	8.3	33.47	117.2	9.20	9.2	0.44	0.5	1.7	1.6
	Cloudy	Moderate	19:19	19:21	5.5	Surface	1.0	17.3	8.3	33.48	117.1	9.19		0.50		1.4	
	Cloudy	Moderate	19:19	19:21	5.5	Bottom	4.5	17.3	8.3	33.47	114.3	8.98	9.0	0.54		1.8	
	Cloudy	Moderate	19:19	19:21	5.5	Bottom	4.5	17.3	8.3	33.47	113.9	8.95		0.51		1.4	
8/2/2025	Cloudy	Moderate	21:28	21:33	4.9	Surface	1.0	16.9	8.3	33.48	107.7	8.53	8.5	0.40	0.5	3.8	2.5
	Cloudy	Moderate	21:28	21:33	4.9	Surface	1.0	16.9	8.3	33.49	107.7	8.52		0.45		2.2	
	Cloudy	Moderate	21:28	21:33	4.9	Bottom	3.9	16.7	8.3	33.47	105.8	8.41	8.4	0.67		2.0	
	Cloudy	Moderate	21:28	21:33	4.9	Bottom	3.9	16.7	8.3	33.47	105.8	8.41		0.67		2.1	
11/2/2025	Cloudy	Rough	11:26	11:27	4.5	Surface	1.0	16.9	8.1	33.48	101.9	8.06	8.1	1.44	1.4	1.3	1.4
	Cloudy	Rough	11:26	11:27	4.5	Surface	1.0	16.9	8.1	33.48	101.7	8.04		1.45		1.2	
	Cloudy	Rough	11:26	11:27	4.5	Bottom	3.5	17.3	8.1	33.03	100.8	7.93	7.9	1.41		1.8	
	Cloudy	Rough	11:26	11:27	4.5	Bottom	3.5	17.4	8.1	32.91	100.7	7.92		1.40		1.2	
13/2/2025	Cloudy	Rough	12:40	12:42	5.2	Surface	1.0	16.8	8.1	28.20	96.1	7.87	7.9	1.72	1.4	1.3	1.4
	Cloudy	Rough	12:40	12:42	5.2	Surface	1.0	16.8	8.1	28.20	96.1	7.87		1.73		1.2	
	Cloudy	Rough	12:40	12:42	5.2	Bottom	4.2	16.6	8.1	27.89	94.1	7.75	7.8	1.18		1.8	
	Cloudy	Rough	12:40	12:42	5.2	Bottom	4.2	16.6	8.1	27.88	94.1	7.75		1.16		1.2	
15/2/2025	Sunny	Moderate	13:46	13:49	5.1	Surface	1.0	16.8	8.2	30.26	93.1	7.52	7.5	0.60	0.9	3.3	3.0
	Sunny	Moderate	13:46	13:49	5.1	Surface	1.0	16.8	8.2	30.26	93.1	7.52		0.58		3.0	
	Sunny	Moderate	13:46	13:49	5.1	Bottom	4.1	16.7	8.2	30.25	90.7	7.35	7.4	1.26		3.2	
	Sunny	Moderate	13:46	13:49	5.1	Bottom	4.1	16.7	8.2	30.25	90.8	7.35		1.23		2.6	
18/2/2025	Fine	Rough	15:08	15:11	5.3	Surface	1.0	17.8	8.1	30.18	94.6	7.51	7.5	1.13	1.0	3.4	4.3
	Fine	Rough	15:08	15:11	5.3	Surface	1.0	17.8	8.1	30.18	94.7	7.52		1.16		4.2	
	Fine	Rough	15:08	15:11	5.3	Bottom	4.3	17.5	8.1	30.16	95.2	7.60	7.6	0.91		4.2	
	Fine	Rough	15:08	15:11	5.3	Bottom	4.3	17.5	8.1	30.16	95.3	7.61		0.95		5.3	
20/2/2025	Fine	Rough	16:58	17:01	5.2	Surface	1.0	18.1	8.1	31.56	102.6	8.13	8.1	0.44	0.5	3.6	3.7
	Fine	Rough	16:58	17:01	5.2	Surface	1.0	18.1	8.1	31.56	102.5	8.12		0.49		3.8	
	Fine	Rough	16:58	17:01	5.2	Bottom	4.2	18.1	8.1	31.56	102.1	8.09	8.1	0.57		3.1	
	Fine	Rough	16:58	17:01	5.2	Bottom	4.2	18.1	8.1	31.56	101.9	8.07		0.59		4.1	
22/2/2025	Fine	Rough	20:23	20:25	5.3	Surface	1.0	17.6	7.9	30.40	100.4	8.00	8.0	0.70	1.2	4.0	4.5
	Fine	Rough	20:23	20:25	5.3	Surface	1.0	17.6	7.9	30.40	100.4	8.00		0.70		5.0	
	Fine	Rough	20:23	20:25	5.3	Bottom	4.3	17.5	7.9	30.50	98.1	7.80	7.8	1.60		4.0	
	Fine	Rough	20:23	20:25	5.3	Bottom	4.3	17.5	7.9	30.50	98.1	7.80		1.80		5.0	
25/2/2025	Cloudy	Rough	11:09	11:11	5.0	Surface	1.0	17.3	7.9	31.26	103.1	8.22	8.2	1.71	2.2	5.4	5.5
	Cloudy	Rough	11:09	11:11	5.0	Surface	1.0	17.3	7.9	31.26	103.0	8.21		1.71		4.3	
	Cloudy	Rough	11:09	11:11	5.0	Bottom	4.0	17.3	7.9	31.28	98.4	7.85	7.8	2.75		5.5	
	Cloudy	Rough	11:09	11:11	5.0	Bottom	4.0	17.3	7.9	31.29	98.3	7.84		2.74		6.7	
27/2/2025	Cloudy	Moderate	11:39	11:42	5.6	Surface	1.0	18.5	7.9	31.40	96.9	7.50	7.6	1.20	1.3	2.0	1.8
	Cloudy	Moderate	11:39	11:42	5.6	Surface	1.0	18.5	7.9	31.40	97.2	7.60		1.20		1.0	
	Cloudy	Moderate	11:39	11:42	5.6	Bottom	4.6	17.9	7.9	31.40	99.0	7.80	7.8	1.40		2.0	
	Cloudy	Moderate	11:39	11:42	5.6	Bottom	4.6	17.9	7.9	31.40	99.0	7.80		1.40		2.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	09:35	09:37	5.0	Surface	1.0	17.1	8.2	30.18	114.6	9.22	9.2	0.09	0.4	2.5	3.3
	Cloudy	Moderate	09:35	09:37	5.0	Surface	1.0	17.0	8.2	30.18	114.6	9.22		0.07		4.3	
	Cloudy	Moderate	09:35	09:37	5.0	Bottom	4.0	16.9	8.2	30.16	113.1	9.13	9.1	0.68		2.5	
	Cloudy	Moderate	09:35	09:37	5.0	Bottom	4.0	16.9	8.2	30.16	113.1	9.13		0.71		4.0	
4/2/2025	Cloudy	Moderate	11:05	11:07	5.1	Surface	1.0	16.9	8.5	30.37	115.3	9.30	9.3	0.31	0.3	2.5	3.0
	Cloudy	Moderate	11:05	11:07	5.1	Surface	1.0	16.9	8.5	30.37	115.3	9.30		0.32		4.3	
	Cloudy	Moderate	11:05	11:07	5.1	Bottom	4.1	16.7	8.5	30.38	107.9	8.74	8.7	0.30		3.2	
	Cloudy	Moderate	11:05	11:07	5.1	Bottom	4.1	16.7	8.5	30.38	107.9	8.74		0.31		1.8	
6/2/2025	Cloudy	Moderate	11:38	11:40	5.1	Surface	1.0	17.2	8.3	33.47	117.6	9.25	9.2	0.68	0.6	1.6	1.5
	Cloudy	Moderate	11:38	11:40	5.1	Surface	1.0	17.2	8.3	33.47	117.6	9.24		0.68		1.5	
	Cloudy	Moderate	11:38	11:40	5.1	Bottom	4.1	17.2	8.3	33.47	113.1	8.90	8.9	0.61		1.2	
	Cloudy	Moderate	11:38	11:40	5.1	Bottom	4.1	17.2	8.3	33.47	112.7	8.87		0.59		1.6	
8/2/2025	Cloudy	Moderate	10:15	10:17	4.7	Surface	1.0	16.8	8.2	33.47	107.0	8.48	8.5	0.96	0.9	1.2	1.6
	Cloudy	Moderate	10:15	10:17	4.7	Surface	1.0	16.8	8.2	33.45	107.1	8.49		0.96		1.0	
	Cloudy	Moderate	10:15	10:17	4.7	Bottom	3.7	16.7	8.2	33.45	105.5	8.39	8.4	0.77		2.1	
	Cloudy	Moderate	10:15	10:17	4.7	Bottom	3.7	16.7	8.2	33.45	105.4	8.38		0.81		2.0	
11/2/2025	Cloudy	Rough	07:03	07:05	4.5	Surface	1.0	16.7	8.1	33.48	100.7	7.99	8.0	1.76	3.6	1.6	1.5
	Cloudy	Rough	07:03	07:05	4.5	Surface	1.0	16.7	8.1	33.48	100.6	7.98		1.76		1.0	
	Cloudy	Rough	07:03	07:05	4.5	Bottom	3.5	16.7	8.1	33.45	99.8	7.92	7.9	5.51		1.2	
	Cloudy	Rough	07:03	07:05	4.5	Bottom	3.5	16.8	8.1	33.42	99.8	7.92		5.43		2.1	
13/2/2025	Cloudy	Rough	07:51	07:52	5.1	Surface	1.0	16.6	8.1	27.50	93.9	7.75	7.8	0.84	0.6	1.6	1.5
	Cloudy	Rough	07:51	07:52	5.1	Surface	1.0	16.6	8.1	27.49	93.9	7.75		0.85		1.0	
	Cloudy	Rough	07:51	07:52	5.1	Bottom	4.1	16.6	8.1	27.24	93.5	7.73	7.7	0.42		1.2	
	Cloudy	Rough	07:51	07:52	5.1	Bottom	4.1	16.6	8.1	27.23	93.5	7.73		0.46		2.1	
15/2/2025	Fine	Moderate	08:11	08:14	4.9	Surface	1.0	16.8	8.2	29.85	93.4	7.57	7.6	1.06	0.9	3.5	2.5
	Fine	Moderate	08:11	08:14	4.9	Surface	1.0	16.8	8.2	29.85	93.4	7.57		1.05		2.4	
	Fine	Moderate	08:11	08:14	4.9	Bottom	3.9	16.8	8.2	29.82	92.9	7.53	7.5	0.71		2.9	
	Fine	Moderate	08:11	08:14	4.9	Bottom	3.9	16.8	8.2	29.82	92.9	7.53		0.77		1.2	
18/2/2025	Cloudy	Moderate	09:02	09:05	4.9	Surface	1.0	17.8	8.1	30.27	95.1	7.55	7.6	0.44	0.9	5.1	4.6
	Cloudy	Moderate	09:02	09:05	4.9	Surface	1.0	17.8	8.1	30.27	95.1	7.55		0.42		4.4	
	Cloudy	Moderate	09:02	09:05	4.9	Bottom	3.9	17.7	8.2	30.26	96.5	7.67	7.7	1.28		4.8	
	Cloudy	Moderate	09:02	09:05	4.9	Bottom	3.9	17.6	8.2	30.26	96.5	7.67		1.33		4.2	
20/2/2025	Fine	Rough	09:35	09:38	4.9	Surface	1.0	18.8	8.0	31.55	100.7	7.86	7.9	0.33	0.6	2.4	2.3
	Fine	Rough	09:35	09:38	4.9	Surface	1.0	18.8	8.0	31.55	100.7	7.86		0.39		2.1	
	Fine	Rough	09:35	09:38	4.9	Bottom	3.9	18.8	8.0	31.55	100.9	7.89	7.9	0.83		2.5	
	Fine	Rough	09:35	09:38	4.9	Bottom	3.9	18.8	8.0	31.56	100.9	7.89		0.80		2.2	
22/2/2025	Cloudy	Rough	07:59	08:02	5.1	Surface	1.0	17.6	7.9	30.00	100.6	8.00	8.0	1.00	1.5	6.0	5.8
	Cloudy	Rough	07:59	08:02	5.1	Surface	1.0	17.6	7.9	30.00	100.5	8.00		1.00		6.0	
	Cloudy	Rough	07:59	08:02	5.1	Bottom	4.1	17.6	7.9	30.00	95.9	7.70	7.7	2.00		6.0	
	Cloudy	Rough	07:59	08:02	5.1	Bottom	4.1	17.6	7.9	30.00	95.8	7.60		2.00		5.0	
25/2/2025	Fine	Rough	15:22	15:24	5.5	Surface	1.0	17.3	8.0	31.70	105.4	8.43	8.4	1.38	1.9	4.5	4.2
	Fine	Rough	15:22	15:24	5.5	Surface	1.0	17.3	8.0	31.70	105.4	8.43		1.37		4.1	
	Fine	Rough	15:22	15:24	5.5	Bottom	4.5	17.2	8.0	31.71	103.1	8.26	8.3	2.33		4.0	
	Fine	Rough	15:22	15:24	5.5	Bottom	4.5	17.2	8.0	31.71	103.1	8.26		2.56		4.1	
27/2/2025	Cloudy	Moderate	06:29	06:31	4.9	Surface	1.0	17.9	7.9	31.50	101.1	7.90	7.9	1.90	2.0	2.0	1.3
	Cloudy	Moderate	06:29	06:31	4.9	Surface	1.0	17.9	7.9	31.50	101.1	7.90		1.90		1.0	
	Cloudy	Moderate	06:29	06:31	4.9	Bottom	3.9	17.8	7.9	31.50	100.6	7.90	7.9	2.00		1.0	
	Cloudy	Moderate	06:29	06:31	4.9	Bottom	3.9	17.8	7.9	31.50	100.5	7.90		2.00		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:22	14:23	2.5	Middle	1.3	17.3	8.2	30.35	109.4	8.75	8.7	0.03	0.0	1.8	2.2
	Cloudy	Moderate	14:22	14:23	2.5	Middle	1.3	17.3	8.2	30.34	109.1	8.72		0.05		2.5	
4/2/2025	Cloudy	Moderate	16:15	16:17	2.9	Middle	1.5	16.9	8.5	30.41	116.6	9.40	9.4	0.91	0.9	1.6	1.4
	Cloudy	Moderate	16:15	16:17	2.9	Middle	1.5	16.9	8.5	30.41	116.6	9.40		0.91		1.2	
6/2/2025	Cloudy	Moderate	19:13	19:15	2.4	Middle	1.2	17.2	8.2	33.48	113.0	8.89	8.9	0.33	0.4	<1.0	1.0
	Cloudy	Moderate	19:13	19:15	2.4	Middle	1.2	17.2	8.2	33.48	112.8	8.88		0.37		<1.0	
8/2/2025	Cloudy	Moderate	21:02	21:04	2.3	Middle	1.2	16.6	8.3	33.46	105.9	8.43	8.4	0.90	0.9	2.6	2.2
	Cloudy	Moderate	21:02	21:04	2.3	Middle	1.2	16.6	8.3	33.46	105.8	8.42		0.95		1.7	
11/2/2025	Cloudy	Rough	11:22	11:23	2.3	Middle	1.2	17.0	8.1	33.46	100.3	7.93	7.9	0.68	0.7	<1.0	1.0
	Cloudy	Rough	11:22	11:23	2.3	Middle	1.2	17.0	8.1	33.41	100.2	7.91		0.66		<1.0	
13/2/2025	Cloudy	Rough	12:31	12:33	2.7	Middle	1.4	16.7	8.1	28.09	95.5	7.84	7.8	1.56	1.6	<1.0	1.0
	Cloudy	Rough	12:31	12:33	2.7	Middle	1.4	16.7	8.1	28.08	95.5	7.84		1.56		<1.0	
15/2/2025	Sunny	Moderate	13:34	13:36	2.7	Middle	1.4	16.8	8.2	30.24	93.7	7.57	7.6	1.13	1.1	2.0	2.4
	Sunny	Moderate	13:34	13:36	2.7	Middle	1.4	16.8	8.2	30.24	93.7	7.57		1.12		2.7	
18/2/2025	Fine	Rough	14:58	15:00	2.7	Middle	1.4	17.7	8.1	30.15	95.5	7.59	7.6	1.41	1.4	3.7	3.4
	Fine	Rough	14:58	15:00	2.7	Middle	1.4	17.7	8.1	30.15	95.5	7.59		1.45		3.1	
20/2/2025	Fine	Rough	16:51	16:53	2.6	Middle	1.3	18.2	8.1	31.56	103.2	8.16	8.2	1.35	1.4	3.0	2.8
	Fine	Rough	16:51	16:53	2.6	Middle	1.3	18.2	8.1	31.56	103.1	8.16		1.37		2.5	
22/2/2025	Fine	Rough	20:14	20:16	2.6	Middle	1.3	17.6	7.9	30.40	101.2	8.10	8.1	0.80	0.8	6.0	5.5
	Fine	Rough	20:14	20:16	2.6	Middle	1.3	17.6	7.9	30.40	101.3	8.10		0.80		5.0	
25/2/2025	Cloudy	Rough	11:21	11:23	2.5	Middle	1.3	17.3	8.0	31.31	104.4	8.32	8.3	2.47	2.5	5.2	4.7
	Cloudy	Rough	11:21	11:23	2.5	Middle	1.3	17.3	8.0	31.30	104.3	8.31		2.51		4.2	
27/2/2025	Cloudy	Moderate	11:32	11:34	2.2	Middle	1.1	18.2	8.0	31.40	103.3	8.10	8.1	1.50	1.5	<1.0	1.0
	Cloudy	Moderate	11:32	11:34	2.2	Middle	1.1	18.3	8.0	31.30	103.7	8.10		1.50		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Fine	Moderate	08:57	08:58	2.3	Middle	1.2	19.26	7.9	33.54	82.2	6.29	6.2	8.74	8.7	6.20	7.1
	Fine	Moderate	08:58	08:59	2.3	Middle	1.2	19.2	8.0	33.78	80.9	6.16		8.62		7.90	
4/2/2025	Cloudy	Moderate	10:27	10:28	2.3	Middle	1.2	20.37	7.9	33.64	86.6	6.45	6.5	9.42	10.1	7.20	6.9
	Cloudy	Moderate	10:28	10:29	2.3	Middle	1.2	20.2	7.9	33.81	86.6	6.45		10.80		6.60	
6/2/2025	Fine	Moderate	11:47	11:48	2.5	Middle	1.3	19.27	8.1	33.94	84.2	12.90	9.6	12.90	14.1	3.10	13.6
	Fine	Moderate	11:48	11:49	2.5	Middle	1.3	19.5	8.1	33.73	82.2	6.39		15.30		24.00	
8/2/2025	Fine	Moderate	12:55	12:56	2.6	Middle	1.3	19.03	8.0	34.51	79.7	6.15	6.2	5.19	5.2	3.60	3.3
	Fine	Moderate	12:56	12:57	2.6	Middle	1.3	18.8	8.0	34.34	81.4	6.17		5.20		3.00	
11/2/2025	Fine	Moderate	14:14	14:15	2.8	Middle	1.4	17.25	8.0	34.39	79.0	6.06	6.0	5.47	5.7	4.40	3.9
	Fine	Moderate	14:15	14:16	2.8	Middle	1.4	17.0	8.0	34.28	77.5	5.88		5.90		3.30	
13/2/2025	Cloudy	Moderate	16:49	16:50	2.5	Middle	1.3	18.39	8.1	33.89	86.6	6.58	6.6	6.01	6.2	2.90	3.8
	Cloudy	Moderate	16:50	16:51	2.5	Middle	1.3	18.3	8.0	33.70	87.2	6.67		6.29		4.70	
15/2/2025	Cloudy	Moderate	08:21	08:22	2.2	Middle	1.1	18.91	8.0	33.57	80.3	6.21	6.2	7.04	7.2	5.50	5.0
	Cloudy	Moderate	08:22	08:23	2.2	Middle	1.1	19.0	8.0	33.42	79.9	6.16		7.39		4.50	
18/2/2025	Cloudy	Moderate	09:28	09:29	2.2	Middle	1.1	17.52	7.8	34.12	92.8	6.77	6.7	7.23	7.6	5.90	6.0
	Cloudy	Moderate	09:29	09:30	2.2	Middle	1.1	18.0	7.9	34.09	91.4	6.70		8.00		6.00	
20/2/2025	Cloudy	Moderate	10:15	10:16	2.4	Middle	1.2	17.6	7.9	33.87	81.2	6.45	6.4	7.02	7.1	2.10	2.4
	Cloudy	Moderate	10:16	10:17	2.4	Middle	1.2	17.4	7.9	33.99	79.1	6.28		7.24		2.60	
22/2/2025	Cloudy	Moderate	11:40	11:41	2.6	Middle	1.3	17.89	7.9	33.40	93.8	6.73	6.7	6.37	6.2	2.50	2.8
	Cloudy	Moderate	11:41	11:42	2.6	Middle	1.2	18.0	7.9	33.47	93.2	6.66		6.12		3.00	
25/2/2025	Cloudy	Moderate	09:38	09:39	2.2	Middle	1.1	17.94	7.8	34.20	88.3	6.29	6.4	6.04	6.1	2.40	3.0
	Cloudy	Moderate	09:39	09:40	2.2	Middle	1.1	18.0	7.8	34.40	91.2	6.48		6.13		3.50	
27/2/2025	Cloudy	Moderate	06:35	06:37	2.6	Middle	1.3	18.0	7.9	31.40	100.1	7.90	7.9	1.40	1.4	1.0	1.5
	Cloudy	Moderate	06:35	06:37	2.6	Middle	1.3	18.0	7.9	31.40	100.4	7.90		1.40		2.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:15	14:17	3.8	Surface	1.0	17.2	8.2	30.37	105.9	8.49	8.5	0.01	0.1	4.3	3.0
	Cloudy	Moderate	14:15	14:17	3.8	Surface	1.0	17.2	8.2	30.37	105.5	8.46		0.05		2.5	
	Cloudy	Moderate	14:15	14:17	3.8	Bottom	2.8	17.3	8.2	30.36	105.0	8.39	8.4	0.10		2.8	
	Cloudy	Moderate	14:15	14:17	3.8	Bottom	2.8	17.3	8.2	30.36	104.8	8.38		0.09		2.4	
4/2/2025	Cloudy	Moderate	16:05	16:06	3.9	Surface	1.0	16.8	8.5	30.39	118.5	9.57	9.6	0.16	0.3	3.2	3.0
	Cloudy	Moderate	16:05	16:06	3.9	Surface	1.0	16.8	8.5	30.39	118.5	9.57		0.17		3.3	
	Cloudy	Moderate	16:05	16:06	3.9	Bottom	2.9	16.6	8.5	30.38	115.5	9.35	9.4	0.42		2.4	
	Cloudy	Moderate	16:05	16:06	3.9	Bottom	2.9	16.6	8.5	30.38	115.4	9.35		0.38		3.1	
6/2/2025	Cloudy	Moderate	19:00	19:02	3.6	Surface	1.0	17.4	8.2	33.51	113.5	8.90	8.9	3.69	1.9	1.2	1.4
	Cloudy	Moderate	19:00	19:02	3.6	Surface	1.0	17.4	8.2	33.51	113.4	8.89		3.69		1.8	
	Cloudy	Moderate	19:00	19:02	3.6	Bottom	2.6	17.4	8.2	33.51	112.1	8.79	8.8	0.10		1.0	
	Cloudy	Moderate	19:00	19:02	3.6	Bottom	2.6	17.4	8.2	33.51	112.0	8.78		0.09		1.4	
8/2/2025	Cloudy	Moderate	20:53	20:55	3.3	Surface	1.0	16.7	8.3	33.47	106.9	8.49	8.5	0.34	2.6	3.1	3.4
	Cloudy	Moderate	20:53	20:55	3.3	Surface	1.0	16.7	8.3	33.47	106.7	8.48		0.29		3.1	
	Cloudy	Moderate	20:53	20:55	3.3	Bottom	2.3	16.6	8.3	33.45	105.1	8.36	8.4	4.70		2.9	
	Cloudy	Moderate	20:53	20:55	3.3	Bottom	2.3	16.6	8.3	33.44	105.0	8.35		5.21		4.3	
11/2/2025	Cloudy	Rough	11:15	11:17	4.2	Surface	1.0	17.1	8.1	33.51	102.7	8.09	8.1	0.34	0.4	1.6	1.9
	Cloudy	Rough	11:15	11:17	4.2	Surface	1.0	17.1	8.1	33.53	102.6	8.08		0.35		2.4	
	Cloudy	Rough	11:15	11:17	4.2	Bottom	3.2	17.0	8.1	33.47	100.5	7.94	7.9	0.37		1.5	
	Cloudy	Rough	11:15	11:17	4.2	Bottom	3.2	17.1	8.1	33.42	100.3	7.91		0.36		2.0	
13/2/2025	Cloudy	Rough	12:21	12:24	4.1	Surface	1.0	16.9	8.1	28.77	95.1	7.75	7.8	2.07	2.1	1.6	1.9
	Cloudy	Rough	12:21	12:24	4.1	Surface	1.0	16.9	8.1	28.77	95.1	7.75		2.07		2.4	
	Cloudy	Rough	12:21	12:24	4.1	Bottom	3.1	16.8	8.1	28.55	94.8	7.73	7.7	2.12		1.5	
	Cloudy	Rough	12:21	12:24	4.1	Bottom	3.1	16.8	8.1	28.54	94.8	7.73		2.12		2.0	
15/2/2025	Sunny	Moderate	13:19	13:21	3.8	Surface	1.0	16.9	8.2	30.20	90.1	7.27	7.3	1.37	1.2	1.7	2.7
	Sunny	Moderate	13:19	13:21	3.8	Surface	1.0	16.9	8.2	30.20	90.1	7.27		1.39		2.6	
	Sunny	Moderate	13:19	13:21	3.8	Bottom	2.8	16.7	8.2	30.21	89.5	7.25	7.3	1.05		3.0	
	Sunny	Moderate	13:19	13:21	3.8	Bottom	2.8	16.7	8.2	30.21	89.5	7.25		1.05		3.5	
18/2/2025	Fine	Rough	14:48	14:50	3.9	Surface	1.0	17.7	8.1	30.12	96.1	7.64	7.6	0.66	0.9	4.0	3.7
	Fine	Rough	14:48	14:50	3.9	Surface	1.0	17.7	8.1	30.12	96.1	7.64		0.67		3.1	
	Fine	Rough	14:48	14:50	3.9	Bottom	2.9	17.7	8.2	30.20	99.1	7.88	7.9	1.13		3.8	
	Fine	Rough	14:48	14:50	3.9	Bottom	2.9	17.7	8.2	30.19	99.1	7.88		1.10		3.8	
20/2/2025	Fine	Rough	16:36	16:38	3.9	Surface	1.0	18.2	8.1	31.54	102.6	8.11	8.1	0.81	0.7	1.4	1.9
	Fine	Rough	16:36	16:38	3.9	Surface	1.0	18.2	8.1	31.54	102.6	8.11		0.83		1.7	
	Fine	Rough	16:36	16:38	3.9	Bottom	2.9	18.2	8.1	31.54	101.7	7.94	7.9	0.66		2.4	
	Fine	Rough	16:36	16:38	3.9	Bottom	2.9	18.2	8.1	31.54	101.6	7.94		0.65		2.0	
22/2/2025	Fine	Rough	19:57	20:00	3.9	Surface	1.0	17.7	8.0	30.40	103.4	8.20	8.2	0.40	0.4	6.0	5.5
	Fine	Rough	19:57	20:00	3.9	Surface	1.0	17.7	8.0	30.40	103.4	8.20		0.40		5.0	
	Fine	Rough	19:57	20:00	3.9	Bottom	2.9	17.6	7.9	30.40	100.2	8.00	8.0	0.40		5.0	
	Fine	Rough	19:57	20:00	3.9	Bottom	2.9	17.6	7.9	30.40	100.2	8.00		0.40		6.0	
25/2/2025	Cloudy	Rough	11:38	11:40	3.5	Surface	1.0	17.3	8.0	31.53	104.5	8.31	8.3	1.82	1.9	4.4	5.2
	Cloudy	Rough	11:38	11:40	3.5	Surface	1.0	17.3	8.0	31.53	104.5	8.31		1.82		4.4	
	Cloudy	Rough	11:38	11:40	3.5	Bottom	2.5	17.3	8.0	31.50	103.8	8.26	8.3	1.91		5.6	
	Cloudy	Rough	11:38	11:40	3.5	Bottom	2.5	17.3	8.0	31.50	103.8	8.26		1.92		6.2	
27/2/2025	Cloudy	Moderate	11:23	11:25	3.5	Surface	1.0	17.8	7.9	31.40	101.1	8.00	8.0	1.40	2.1	<1.0	1.0
	Cloudy	Moderate	11:23	11:25	3.5	Surface	1.0	17.8	7.9	31.40	101.0	8.00		1.40		<1.0	
	Cloudy	Moderate	11:23	11:25	3.5	Bottom	2.5	17.7	8.0	31.40	99.3	7.80	7.8	2.50		1.0	
	Cloudy	Moderate	11:23	11:25	3.5	Bottom	2.5	17.8	8.0	31.40	99.1	7.80		2.90		1.0	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	10:08	10:10	4.2	Surface	1.0	17.2	8.2	30.37	107.4	8.60	8.6	0.23	0.4	2.5	3.1
	Cloudy	Moderate	10:08	10:10	4.2	Surface	1.0	17.2	8.2	30.37	107.3	8.60		0.26		3.3	
	Cloudy	Moderate	10:08	10:10	4.2	Bottom	3.2	17.2	8.2	30.37	106.8	8.56	8.6	0.53		2.6	
	Cloudy	Moderate	10:08	10:10	4.2	Bottom	3.2	17.2	8.2	30.37	106.8	8.56		0.57		3.8	
4/2/2025	Cloudy	Moderate	11:26	11:28	3.8	Surface	1.0	16.5	8.5	30.38	106.7	8.67	8.7	0.73	0.5	3.0	3.8
	Cloudy	Moderate	11:26	11:28	3.8	Surface	1.0	16.5	8.5	30.37	106.6	8.66		0.79		3.8	
	Cloudy	Moderate	11:26	11:28	3.8	Bottom	2.8	16.6	8.5	30.38	110.1	8.92	8.9	0.32		4.6	
	Cloudy	Moderate	11:26	11:28	3.8	Bottom	2.8	16.7	8.5	30.38	110.1	8.92		0.32		3.8	
6/2/2025	Cloudy	Moderate	11:55	11:57	3.3	Surface	1.0	17.4	8.2	33.51	113.0	8.85	8.8	0.23	0.3	1.0	1.2
	Cloudy	Moderate	11:55	11:57	3.3	Surface	1.0	17.4	8.2	33.51	112.8	8.84		0.41		1.0	
	Cloudy	Moderate	11:55	11:57	3.3	Bottom	2.3	17.4	8.2	33.51	108.8	8.53	8.5	0.20		1.4	
	Cloudy	Moderate	11:55	11:57	3.3	Bottom	2.3	17.4	8.2	33.51	108.5	8.51		0.19		1.4	
8/2/2025	Cloudy	Moderate	10:33	10:35	3.7	Surface	1.0	16.7	8.3	33.46	108.6	8.62	8.6	0.40	0.4	3.9	2.1
	Cloudy	Moderate	10:33	10:35	3.7	Surface	1.0	16.7	8.3	33.46	108.5	8.61		0.40		2.3	
	Cloudy	Moderate	10:33	10:35	3.7	Bottom	2.7	16.6	8.3	33.43	106.0	8.44	8.4	0.41		<1.0	
	Cloudy	Moderate	10:33	10:35	3.7	Bottom	2.7	16.6	8.3	33.43	105.8	8.42		0.37		<1.0	
11/2/2025	Cloudy	Rough	07:35	07:37	3.6	Surface	1.0	17.0	8.1	33.49	102.1	8.06	8.1	0.63	3.8	1.1	1.3
	Cloudy	Rough	07:35	07:37	3.6	Surface	1.0	17.0	8.1	33.49	102.0	8.06		0.61		2.0	
	Cloudy	Rough	07:35	07:37	3.6	Bottom	2.6	16.9	8.1	33.46	100.3	7.93	7.9	6.92		1.1	
	Cloudy	Rough	07:35	07:37	3.6	Bottom	2.6	17.0	8.1	33.42	100.2	7.92		6.94		1.1	
13/2/2025	Cloudy	Rough	08:08	08:10	3.9	Surface	1.0	16.8	8.1	27.35	93.8	7.71	7.7	0.93	1.4	1.1	1.3
	Cloudy	Rough	08:08	08:10	3.9	Surface	1.0	16.8	8.1	27.33	93.8	7.71		0.95		2.0	
	Cloudy	Rough	08:08	08:10	3.9	Bottom	2.9	16.7	8.1	27.17	93.2	7.70	7.7	1.93		1.1	
	Cloudy	Rough	08:08	08:10	3.9	Bottom	2.9	16.7	8.1	27.16	93.2	7.70		1.95		1.1	
15/2/2025	Fine	Moderate	08:29	08:32	3.6	Surface	1.0	16.9	8.2	30.11	91.2	7.37	7.4	1.51	1.3	2.0	2.2
	Fine	Moderate	08:29	08:32	3.6	Surface	1.0	16.9	8.2	30.11	91.3	7.37		1.51		2.8	
	Fine	Moderate	08:29	08:32	3.6	Bottom	2.6	16.8	8.2	30.11	90.8	7.35	7.4	1.09		2.0	
	Fine	Moderate	08:29	08:32	3.6	Bottom	2.6	16.8	8.2	30.11	90.8	7.35		1.12		2.1	
18/2/2025	Cloudy	Moderate	09:27	09:30	3.7	Surface	1.0	17.9	8.2	30.29	100.3	7.93	7.9	0.65	0.8	5.0	4.5
	Cloudy	Moderate	09:27	09:30	3.7	Surface	1.0	17.9	8.2	30.29	100.3	7.93		0.68		4.8	
	Cloudy	Moderate	09:27	09:30	3.7	Bottom	2.7	17.8	8.2	30.33	99.7	7.90	7.9	0.90		3.7	
	Cloudy	Moderate	09:27	09:30	3.7	Bottom	2.7	17.8	8.2	30.33	99.7	7.90		0.89		4.6	
20/2/2025	Fine	Rough	10:05	10:08	3.4	Surface	1.0	18.6	8.0	31.58	100.2	7.85	7.9	1.69	1.9	2.1	2.2
	Fine	Rough	10:05	10:08	3.4	Surface	1.0	18.6	8.0	31.58	100.2	7.86		1.75		2.0	
	Fine	Rough	10:05	10:08	3.4	Bottom	2.4	18.5	8.0	31.60	100.3	7.79	7.8	2.06		2.4	
	Fine	Rough	10:05	10:08	3.4	Bottom	2.4	18.5	8.0	31.60	100.3	7.79		2.07		2.4	
22/2/2025	Cloudy	Rough	08:28	08:31	3.7	Surface	1.0	17.6	7.9	30.30	102.0	8.10	8.1	1.10	1.2	6.0	5.3
	Cloudy	Rough	08:28	08:31	3.7	Surface	1.0	17.6	7.9	30.30	102.0	8.10		1.10		6.0	
	Cloudy	Rough	08:28	08:31	3.7	Bottom	2.7	17.6	7.9	30.20	101.3	8.10	8.1	1.20		5.0	
	Cloudy	Rough	08:28	08:31	3.7	Bottom	2.7	17.6	7.9	30.20	101.3	8.10		1.20		4.0	
25/2/2025	Fine	Rough	15:04	15:06	3.7	Surface	1.0	17.4	8.0	31.69	108.4	8.66	8.7	1.15	1.1	5.6	5.6
	Fine	Rough	15:04	15:06	3.7	Surface	1.0	17.4	8.0	31.69	108.4	8.66		1.14		3.6	
	Fine	Rough	15:04	15:06	3.7	Bottom	2.7	17.3	8.0	31.70	105.2	8.42	8.4	1.10		7.2	
	Fine	Rough	15:04	15:06	3.7	Bottom	2.7	17.3	8.0	31.70	105.2	8.42		1.10		5.9	
27/2/2025	Cloudy	Moderate	06:43	06:45	3.4	Surface	1.0	18.2	7.9	31.40	100.2	7.80	7.8	1.30	1.3	<1.0	1.0
	Cloudy	Moderate	06:43	06:45	3.4	Surface	1.0	18.2	7.9	31.40	100.2	7.80		1.30		<1.0	
	Cloudy	Moderate	06:43	06:45	3.4	Bottom	2.4	18.1	7.9	31.40	100.3	7.90	7.9	1.40		<1.0	
	Cloudy	Moderate	06:43	06:45	3.4	Bottom	2.4	18.1	7.9	31.40	100.4	7.90		1.30		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:11	14:12	1.8	Middle	0.9	17.7	8.1	30.34	96.1	7.62	7.6	1.34	1.3	3.7	3.9
	Cloudy	Moderate	14:11	14:12	1.8	Middle	0.9	17.7	8.1	30.34	96.1	7.62		1.32		4.0	
4/2/2025	Cloudy	Moderate	15:56	15:58	2.4	Middle	1.2	16.6	8.5	30.40	105.4	8.54	8.5	4.54	4.5	2.8	2.4
	Cloudy	Moderate	15:56	15:58	2.4	Middle	1.2	16.6	8.5	30.40	105.5	8.55		4.54		1.9	
6/2/2025	Cloudy	Moderate	18:55	18:57	2.8	Middle	1.4	17.4	8.2	33.51	111.0	8.70	8.7	0.08	0.0	1.1	1.2
	Cloudy	Moderate	18:55	18:57	2.8	Middle	1.4	17.4	8.2	33.51	110.8	8.69		0.01		1.2	
8/2/2025	Cloudy	Moderate	20:47	20:49	2.4	Middle	1.2	16.7	8.3	33.45	106.8	8.49	8.5	0.32	0.3	2.1	1.8
	Cloudy	Moderate	20:47	20:49	2.4	Middle	1.2	16.7	8.3	33.45	106.8	8.49		0.33		1.4	
11/2/2025	Cloudy	Rough	11:11	11:12	1.4	Middle	0.7	17.0	8.1	33.49	101.3	8.01	8.0	0.39	0.4	1.0	1.1
	Cloudy	Rough	11:11	11:12	1.4	Middle	0.7	17.0	8.1	33.49	101.3	8.00		0.43		1.2	
13/2/2025	Cloudy	Rough	12:12	12:15	2.6	Middle	1.3	16.6	8.1	28.25	92.4	7.59	7.6	1.71	1.7	1.0	1.1
	Cloudy	Rough	12:12	12:15	2.6	Middle	1.3	16.6	8.1	28.24	92.4	7.59		1.70		1.2	
15/2/2025	Sunny	Moderate	13:07	13:09	2.7	Middle	1.4	16.8	8.2	30.19	90.2	7.29	7.3	1.42	1.4	2.4	2.4
	Sunny	Moderate	13:07	13:09	2.7	Middle	1.4	16.8	8.2	30.19	90.2	7.29		1.42		2.3	
18/2/2025	Fine	Rough	14:39	14:42	2.7	Middle	1.4	17.6	8.2	30.14	98.5	7.85	7.9	0.96	1.0	3.4	3.9
	Fine	Rough	14:39	14:42	2.7	Middle	1.4	17.6	8.2	30.14	98.4	7.85		0.98		4.4	
20/2/2025	Fine	Rough	16:27	16:29	2.8	Middle	1.4	18.4	8.0	31.57	99.7	7.76	7.8	0.27	0.3	1.6	1.9
	Fine	Rough	16:27	16:29	2.8	Middle	1.4	18.4	8.0	31.56	99.7	7.76		0.39		2.1	
22/2/2025	Fine	Rough	19:48	19:50	2.8	Middle	1.4	17.7	8.0	30.40	103.4	8.20	8.2	0.40	0.4	6.0	6.0
	Fine	Rough	19:48	19:50	2.8	Middle	1.4	17.7	8.0	30.40	103.4	8.20		0.40		6.0	
25/2/2025	Cloudy	Rough	11:48	11:50	2.4	Middle	1.2	17.3	8.0	31.55	102.8	8.18	8.2	1.68	1.7	3.6	3.7
	Cloudy	Rough	11:48	11:50	2.4	Middle	1.2	17.3	8.0	31.55	102.8	8.18		1.69		3.7	
27/2/2025	Cloudy	Moderate	11:14	11:16	2.6	Middle	1.3	17.9	7.9	31.40	101.1	8.00	8.0	1.40	1.4	1.0	1.5
	Cloudy	Moderate	11:14	11:16	2.6	Middle	1.3	17.9	7.9	31.40	100.9	7.90		1.30		2.0	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	10:13	10:15	2.6	Middle	1.3	17.5	8.1	30.38	96.4	7.69	7.7	3.13	3.1	2.2	2.3
	Cloudy	Moderate	10:13	10:15	2.6	Middle	1.3	17.5	8.1	30.38	96.4	7.69		3.13		2.4	
4/2/2025	Cloudy	Moderate	11:34	11:36	2.8	Middle	1.4	16.5	8.4	30.38	100.4	8.16	8.2	0.30	0.3	1.5	1.4
	Cloudy	Moderate	11:34	11:36	2.8	Middle	1.4	16.5	8.4	30.38	100.4	8.16		0.30		1.2	
6/2/2025	Cloudy	Moderate	12:01	12:03	2.4	Middle	1.2	17.4	8.2	33.52	107.3	8.41	8.4	0.16	0.1	1.6	1.4
	Cloudy	Moderate	12:01	12:03	2.4	Middle	1.2	17.4	8.2	33.52	107.1	8.39		0.13		1.1	
8/2/2025	Cloudy	Moderate	10:38	10:40	2.4	Middle	1.2	16.6	8.3	33.39	105.2	8.38	8.4	0.31	0.3	1.9	2.0
	Cloudy	Moderate	10:38	10:40	2.4	Middle	1.2	16.6	8.3	33.37	105.1	8.37		0.33		2.0	
11/2/2025	Cloudy	Rough	07:41	07:43	1.4	Middle	0.7	17.1	8.1	33.49	101.2	7.98	8.0	0.48	0.5	1.9	1.6
	Cloudy	Rough	07:41	07:43	1.4	Middle	0.7	17.1	8.1	33.49	101.2	7.98		0.47		1.2	
13/2/2025	Cloudy	Rough	08:17	08:20	2.4	Middle	1.2	16.8	8.1	28.08	93.1	7.66	7.7	1.02	1.0	1.9	1.6
	Cloudy	Rough	08:17	08:20	2.4	Middle	1.2	16.8	8.1	28.07	93.1	7.66		1.01		1.2	
15/2/2025	Fine	Moderate	08:39	08:42	2.6	Middle	1.3	16.8	8.2	30.14	90.3	7.30	7.3	1.24	1.3	4.4	3.2
	Fine	Moderate	08:39	08:42	2.6	Middle	1.3	16.8	8.2	30.14	90.3	7.30		1.27		1.9	
18/2/2025	Cloudy	Moderate	09:34	09:36	2.8	Middle	1.4	18.0	8.2	30.30	100.5	7.94	7.9	1.62	1.6	4.6	4.5
	Cloudy	Moderate	09:34	09:36	2.8	Middle	1.4	18.0	8.2	30.30	100.5	7.94		1.65		4.4	
20/2/2025	Fine	Rough	10:16	10:19	2.5	Middle	1.3	18.5	8.0	31.60	100.1	7.84	7.8	0.47	0.5	1.9	2.0
	Fine	Rough	10:16	10:19	2.5	Middle	1.3	18.5	8.0	31.60	100.1	7.84		0.49		2.1	
22/2/2025	Cloudy	Rough	08:38	08:41	2.5	Middle	1.3	17.6	7.9	30.30	100.3	8.00	8.0	1.00	1.0	5.0	4.5
	Cloudy	Rough	08:38	08:41	2.5	Middle	1.3	17.6	7.9	30.30	100.3	8.00		1.00		4.0	
25/2/2025	Fine	Rough	14:47	14:49	2.7	Middle	1.4	17.4	8.0	31.68	108.4	8.66	8.7	1.14	1.1	4.6	5.2
	Fine	Rough	14:47	14:49	2.7	Middle	1.4	17.4	8.0	31.68	108.4	8.66		1.15		5.7	
27/2/2025	Cloudy	Moderate	06:48	06:50	2.4	Middle	1.2	18.1	7.9	31.40	100.9	7.90	7.9	1.10	1.1	1.0	1.0
	Cloudy	Moderate	06:48	06:50	2.4	Middle	1.2	18.1	7.9	31.40	101.0	7.90		1.00		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:08	14:09	1.6	Middle	0.8	17.2	8.2	30.37	108.2	8.67	8.7	0.20	0.2	4.0	4.2
	Cloudy	Moderate	14:08	14:09	1.6	Middle	0.8	17.2	8.2	30.37	107.7	8.63		0.20		4.4	
4/2/2025	Cloudy	Moderate	15:50	15:52	1.6	Middle	0.8	16.8	8.5	30.43	112.7	9.10	9.1	0.19	0.2	2.8	2.8
	Cloudy	Moderate	15:50	15:52	1.6	Middle	0.8	16.8	8.5	30.42	112.6	9.09		0.20		2.8	
6/2/2025	Cloudy	Moderate	18:41	18:43	1.2	Middle	0.6	17.3	8.2	33.50	110.0	8.63	8.6	0.00	0.0	1.2	1.7
	Cloudy	Moderate	18:41	18:43	1.2	Middle	0.6	17.3	8.2	33.49	109.6	8.59		0.03		2.1	
8/2/2025	Cloudy	Moderate	20:43	20:45	1.8	Middle	0.9	16.6	8.3	33.43	105.1	8.37	8.4	0.16	0.1	1.9	2.4
	Cloudy	Moderate	20:43	20:45	1.8	Middle	0.9	16.6	8.3	33.43	105.0	8.36		0.13		2.8	
11/2/2025	Cloudy	Rough	11:08	11:09	1.1	Middle	0.6	17.1	8.1	33.49	101.3	7.99	8.0	0.40	0.4	1.3	1.3
	Cloudy	Rough	11:08	11:09	1.1	Middle	0.6	17.1	8.1	33.49	101.3	7.98		0.38		1.3	
13/2/2025	Cloudy	Rough	12:03	12:05	1.8	Middle	0.9	16.9	8.1	28.71	94.8	7.72	7.7	2.06	2.1	1.3	1.3
	Cloudy	Rough	12:03	12:05	1.8	Middle	0.9	16.9	8.1	28.71	94.8	7.72		2.06		1.3	
15/2/2025	Sunny	Moderate	12:56	12:58	1.6	Middle	0.8	16.7	8.2	30.15	90.7	7.34	7.3	1.15	1.2	1.8	2.3
	Sunny	Moderate	12:56	12:58	1.6	Middle	0.8	16.7	8.2	30.15	90.7	7.34		1.16		2.7	
18/2/2025	Fine	Rough	14:32	14:34	1.6	Middle	0.8	17.8	8.1	30.13	96.9	7.70	7.7	1.15	1.2	4.2	4.0
	Fine	Rough	14:32	14:34	1.6	Middle	0.8	17.8	8.1	30.12	96.9	7.70		1.16		3.8	
20/2/2025	Fine	Rough	16:18	16:20	1.8	Middle	0.9	18.4	8.0	31.42	99.8	7.77	7.8	1.57	1.5	2.1	2.2
	Fine	Rough	16:18	16:20	1.8	Middle	0.9	18.4	8.0	31.39	99.8	7.77		1.51		2.3	
22/2/2025	Fine	Rough	19:39	19:41	1.7	Middle	0.9	17.6	7.9	30.40	101.6	8.10	8.1	0.60	0.6	5.0	4.5
	Fine	Rough	19:39	19:41	1.7	Middle	0.9	17.6	7.9	30.40	101.6	8.10		0.60		4.0	
25/2/2025	Cloudy	Rough	11:57	11:59	1.2	Middle	0.6	17.3	8.0	31.64	105.4	8.38	8.4	1.88	1.9	3.5	3.9
	Cloudy	Rough	11:57	11:59	1.2	Middle	0.6	17.3	8.0	31.64	105.4	8.38		1.90		4.2	
27/2/2025	Cloudy	Moderate	11:10	11:12	1.4	Middle	0.7	17.9	7.9	31.40	100.2	7.90	7.9	1.40	1.4	1.0	1.0
	Cloudy	Moderate	11:10	11:12	1.4	Middle	0.7	17.9	7.9	31.40	99.9	7.90		1.40		1.0	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	10:17	10:18	0.9	Middle	0.5	17.2	8.2	30.39	106.6	8.54	8.5	4.48	4.4	4.8	5.3
	Cloudy	Moderate	10:17	10:18	0.9	Middle	0.5	17.2	8.2	30.39	106.4	8.52		4.27		5.7	
4/2/2025	Cloudy	Moderate	11:39	11:41	1.4	Middle	0.7	16.5	8.5	30.37	101.1	8.22	8.2	0.24	0.3	1.7	2.2
	Cloudy	Moderate	11:39	11:41	1.4	Middle	0.7	16.5	8.5	30.37	101.1	8.22		0.26		2.7	
6/2/2025	Cloudy	Moderate	12:07	12:09	1.6	Middle	0.8	17.4	8.2	33.51	107.5	8.43	8.4	0.07	0.1	1.1	1.3
	Cloudy	Moderate	12:07	12:09	1.6	Middle	0.8	17.4	8.2	33.51	107.1	8.40		0.05		1.4	
8/2/2025	Cloudy	Moderate	10:49	10:51	1.6	Middle	0.8	16.6	8.3	33.46	106.9	8.50	8.5	0.19	0.2	1.6	2.0
	Cloudy	Moderate	10:49	10:51	1.6	Middle	0.8	16.6	8.3	33.46	106.8	8.50		0.17		2.4	
11/2/2025	Cloudy	Rough	07:45	07:47	1.0	Middle	0.5	17.1	8.1	33.49	101.5	8.00	8.0	0.43	0.4	1.1	1.5
	Cloudy	Rough	07:45	07:47	1.0	Middle	0.5	17.1	8.1	33.49	101.5	8.00		0.46		1.8	
13/2/2025	Cloudy	Rough	08:29	08:31	1.7	Middle	0.9	16.9	8.1	28.29	93.3	7.62	7.6	1.11	1.1	1.1	1.5
	Cloudy	Rough	08:29	08:31	1.7	Middle	0.9	16.9	8.1	28.29	93.3	7.62		1.16		1.8	
15/2/2025	Fine	Moderate	08:47	08:49	1.4	Middle	0.7	16.8	8.2	30.16	89.4	7.23	7.2	1.39	1.4	2.0	2.2
	Fine	Moderate	08:47	08:49	1.4	Middle	0.7	16.8	8.2	30.16	89.4	7.23		1.40		2.3	
18/2/2025	Cloudy	Moderate	09:42	09:44	1.3	Middle	0.7	17.9	8.2	30.36	101.3	8.01	8.0	1.28	1.3	3.9	4.0
	Cloudy	Moderate	09:42	09:44	1.3	Middle	0.7	17.9	8.2	30.36	101.3	8.01		1.24		4.0	
20/2/2025	Fine	Rough	10:24	10:26	1.3	Middle	0.7	18.4	8.0	31.60	99.8	7.86	7.9	1.52	1.5	1.8	1.9
	Fine	Rough	10:24	10:26	1.3	Middle	0.7	18.4	8.0	31.60	99.9	7.87		1.57		2.0	
22/2/2025	Cloudy	Rough	08:47	08:49	1.3	Middle	0.7	17.6	7.9	30.40	102.9	8.20	8.2	1.20	1.2	5.0	5.5
	Cloudy	Rough	08:47	08:49	1.3	Middle	0.7	17.6	7.9	30.40	102.9	8.20		1.20		6.0	
25/2/2025	Fine	Rough	14:29	14:31	1.5	Middle	0.8	17.3	8.0	31.70	106.6	8.53	8.5	1.31	1.3	4.0	3.5
	Fine	Rough	14:29	14:31	1.5	Middle	0.8	17.3	8.0	31.70	106.6	8.52		1.34		3.0	
27/2/2025	Cloudy	Moderate	06:53	06:56	1.4	Middle	0.7	18.1	7.9	31.40	100.5	7.90	7.9	1.10	1.1	2.0	1.5
	Cloudy	Moderate	06:53	06:56	1.4	Middle	0.7	18.1	7.9	31.40	100.5	7.90		1.10		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	14:36	14:38	2.3	Middle	1.2	16.9	8.2	30.39	112.0	9.02	9.0	0.40	0.4	3.7	4.1
	Cloudy	Moderate	14:36	14:38	2.3	Middle	1.2	17.0	8.2	30.39	111.8	9.00		0.43		4.4	
4/2/2025	Cloudy	Moderate	16:41	16:43	2.0	Middle	1.0	16.7	8.6	30.39	116.7	9.43	9.4	0.99	1.0	2.8	3.1
	Cloudy	Moderate	16:41	16:43	2.0	Middle	1.0	16.7	8.6	30.39	116.6	9.43		1.01		3.4	
6/2/2025	Cloudy	Moderate	19:26	19:27	1.2	Middle	0.6	17.3	8.3	33.44	114.3	8.98	9.0	0.25	0.3	1.7	1.5
	Cloudy	Moderate	19:26	19:27	1.2	Middle	0.6	17.3	8.3	33.44	114.1	8.96		0.26		1.2	
8/2/2025	Cloudy	Moderate	21:42	21:44	2.0	Middle	1.0	16.6	8.3	33.49	105.0	8.36	8.4	0.59	0.6	3.8	3.3
	Cloudy	Moderate	21:42	21:44	2.0	Middle	1.0	16.5	8.3	33.49	104.8	8.35		0.69		2.8	
11/2/2025	Cloudy	Rough	11:36	11:38	2.6	Middle	1.3	16.8	8.1	33.48	101.4	8.03	8.0	1.29	1.3	<1.0	1.0
	Cloudy	Rough	11:36	11:38	2.6	Middle	1.3	16.8	8.1	33.48	101.4	8.03		1.29		<1.0	
13/2/2025	Cloudy	Rough	13:03	13:05	2.3	Middle	1.2	16.5	8.1	28.23	93.4	7.76	7.8	1.41	1.4	<1.0	1.0
	Cloudy	Rough	13:03	13:05	2.3	Middle	1.2	16.5	8.1	28.22	93.4	7.76		1.46		<1.0	
15/2/2025	Sunny	Moderate	14:10	14:12	2.1	Middle	1.1	16.7	8.2	30.26	90.2	7.31	7.3	1.03	1.0	3.2	3.2
	Sunny	Moderate	14:10	14:12	2.1	Middle	1.1	16.7	8.2	30.26	90.2	7.31		1.03		3.2	
18/2/2025	Fine	Rough	15:29	15:32	1.9	Middle	1.0	17.3	8.1	30.26	92.5	7.40	7.4	1.82	1.9	2.7	3.2
	Fine	Rough	15:29	15:32	1.9	Middle	1.0	17.3	8.1	30.26	92.4	7.40		1.88		3.6	
20/2/2025	Fine	Rough	17:18	17:20	1.8	Middle	0.9	18.2	8.1	31.57	103.0	8.05	8.1	1.55	1.6	3.3	3.4
	Fine	Rough	17:18	17:20	1.8	Middle	0.9	18.2	8.1	31.57	103.0	8.05		1.58		3.4	
22/2/2025	Fine	Rough	20:41	20:45	1.9	Middle	1.0	17.7	8.0	30.40	105.3	8.40	8.4	0.90	1.0	4.0	3.5
	Fine	Rough	20:41	20:45	1.9	Middle	1.0	17.7	8.0	30.40	105.3	8.40		1.00		3.0	
25/2/2025	Cloudy	Rough	10:47	10:48	1.7	Middle	0.9	17.3	7.9	30.46	103.7	8.37	8.4	1.56	1.6	5.0	4.5
	Cloudy	Rough	10:47	10:48	1.7	Middle	0.9	17.3	7.9	30.45	103.7	8.37		1.57		3.9	
27/2/2025	Cloudy	Moderate	11:49	11:51	1.4	Middle	0.7	18.3	7.9	31.40	102.5	8.00	8.0	2.50	2.6	<1.0	1.0
	Cloudy	Moderate	11:49	11:51	1.4	Middle	0.7	18.3	7.9	31.40	102.6	8.00		2.70		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/2/2025	Cloudy	Moderate	09:23	09:24	1.8	Middle	0.9	16.9	8.2	29.79	112.9	9.13	9.1	1.15	1.2	1.4	1.5
	Cloudy	Moderate	09:23	09:24	1.8	Middle	0.9	16.9	8.2	29.79	112.8	9.12		1.16		1.6	
4/2/2025	Cloudy	Moderate	10:51	10:52	1.9	Middle	1.0	16.0	8.6	30.39	120.6	9.88	9.9	1.32	1.3	5.8	5.6
	Cloudy	Moderate	10:51	10:52	1.9	Middle	1.0	16.0	8.6	30.39	120.5	9.88		1.31		5.4	
6/2/2025	Cloudy	Moderate	11:31	11:32	2.3	Middle	1.2	17.2	8.2	33.42	113.5	8.92	8.9	0.25	0.2	1.1	1.1
	Cloudy	Moderate	11:31	11:32	2.3	Middle	1.2	17.2	8.2	33.42	113.2	8.90		0.23		1.0	
8/2/2025	Cloudy	Moderate	10:06	10:08	2.1	Middle	1.1	16.4	8.2	33.44	105.1	8.40	8.4	1.03	1.0	1.1	1.6
	Cloudy	Moderate	10:06	10:08	2.1	Middle	1.1	16.4	8.2	33.44	105.0	8.39		0.99		2.0	
11/2/2025	Cloudy	Rough	06:51	06:53	1.8	Middle	0.9	16.7	8.1	33.49	101.2	8.04	8.0	1.54	1.5	1.6	1.7
	Cloudy	Rough	06:51	06:53	1.8	Middle	0.9	16.7	8.1	33.49	101.3	8.04		1.52		1.8	
13/2/2025	Cloudy	Rough	07:30	07:32	2.1	Middle	1.1	16.5	8.1	26.06	92.1	7.69	7.7	0.35	0.4	1.6	1.7
	Cloudy	Rough	07:30	07:32	2.1	Middle	1.1	16.5	8.1	26.04	92.1	7.69		0.38		1.8	
15/2/2025	Fine	Moderate	07:53	07:55	1.8	Middle	0.9	16.6	8.2	29.31	90.1	7.34	7.3	1.79	1.8	2.5	2.6
	Fine	Moderate	07:53	07:55	1.8	Middle	0.9	16.6	8.2	29.31	90.1	7.34		1.81		2.7	
18/2/2025	Cloudy	Rough	08:39	08:41	1.8	Middle	0.9	17.5	8.1	30.23	95.6	7.62	7.6	0.27	0.2	4.3	4.0
	Cloudy	Rough	08:39	08:41	1.8	Middle	0.9	17.5	8.1	30.23	95.7	7.62		0.22		3.7	
20/2/2025	Fine	Rough	09:22	09:24	1.6	Middle	0.8	18.3	8.0	31.53	99.9	7.89	7.9	1.05	1.1	2.1	2.2
	Fine	Rough	09:22	09:24	1.6	Middle	0.8	18.2	8.0	31.53	99.9	7.91		1.06		2.2	
22/2/2025	Cloudy	Rough	07:37	07:39	1.6	Middle	0.8	17.6	7.9	27.90	101.2	8.20	8.2	0.80	0.9	5.0	4.5
	Cloudy	Rough	07:37	07:39	1.6	Middle	0.8	17.6	7.9	27.90	101.2	8.20		0.90		4.0	
25/2/2025	Fine	Rough	15:42	15:44	1.7	Middle	0.9	17.4	8.0	31.69	110.3	8.80	8.8	1.65	1.7	5.1	5.0
	Fine	Rough	15:42	15:44	1.7	Middle	0.9	17.4	8.0	31.69	110.3	8.80		1.68		4.9	
27/2/2025	Cloudy	Moderate	06:21	06:22	1.6	Middle	0.8	18.0	7.9	31.40	99.9	7.80	7.8	1.90	2.0	1.0	1.0
	Cloudy	Moderate	06:21	06:22	1.6	Middle	0.8	18.0	7.9	31.40	99.8	7.80		2.00		1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:00	12:02	11.4	Surface	1.0	18.8	8.0	31.80	110.2	8.50	8.5	1.60	2.5	1.0	1.3
	Cloudy	Moderate	12:00	12:02	11.4	Surface	1.0	18.8	8.0	31.80	110.2	8.50		1.60		1.0	
	Cloudy	Moderate	12:00	12:02	11.4	Middle	5.7	18.8	8.0	31.80	108.4	8.40		2.60		1.0	
	Cloudy	Moderate	12:00	12:02	11.4	Middle	5.7	18.8	8.0	31.80	108.4	8.40	2.60	2.0			
	Cloudy	Moderate	12:00	12:02	11.4	Bottom	10.4	18.7	8.0	31.80	106.8	8.30	8.3	3.20		1.0	
	Cloudy	Moderate	12:00	12:02	11.4	Bottom	10.4	18.7	8.0	31.80	106.8	8.30		3.20		2.0	
4/3/2025	Cloudy	Moderate	14:00	14:02	12.2	Surface	1.0	19.2	8.1	31.60	119.4	9.20	9.1	1.90	2.0	<1.0	1.0
	Cloudy	Moderate	14:00	14:02	12.2	Surface	1.0	19.2	8.1	31.60	119.2	9.10		2.00		<1.0	
	Cloudy	Moderate	14:00	14:02	12.2	Middle	6.1	19.1	8.1	31.60	117.3	9.00		1.30		<1.0	
	Cloudy	Moderate	14:00	14:02	12.2	Middle	6.1	19.1	8.1	31.60	117.0	9.00	9.0	1.40		<1.0	
	Cloudy	Moderate	14:00	14:02	12.2	Bottom	11.2	19.1	8.1	31.60	117.0	9.00		2.40		<1.0	
	Cloudy	Moderate	14:00	14:02	12.2	Bottom	11.2	19.1	8.1	31.60	117.4	9.00		2.70		<1.0	
6/3/2025	Cloudy	Moderate	16:00	16:01	10.1	Surface	1.0	18.5	8.0	31.30	97.5	7.60	7.6	0.60	2.5	3.0	3.0
	Cloudy	Moderate	16:00	16:01	10.1	Surface	1.0	18.5	8.0	31.30	97.5	7.60		0.70		3.0	
	Cloudy	Moderate	16:00	16:01	10.1	Middle	5.1	18.5	8.0	31.30	97.4	7.60		0.90		3.0	
	Cloudy	Moderate	16:00	16:01	10.1	Middle	5.1	18.5	8.0	31.30	97.3	7.60	7.5	1.20		3.0	
	Cloudy	Moderate	16:00	16:01	10.1	Bottom	9.1	18.5	8.0	31.40	96.9	7.50		5.70		3.0	
	Cloudy	Moderate	16:00	16:01	10.1	Bottom	9.1	18.5	8.0	31.40	97.0	7.50		5.90		3.0	
8/3/2025	Fine	Moderate	19:19	19:23	11.8	Surface	1.0	17.9	8.0	31.30	96.1	7.60	7.6	1.60	2.1	5.0	5.3
	Fine	Moderate	19:19	19:23	11.8	Surface	1.0	17.9	8.0	31.30	96.1	7.60		1.70		5.0	
	Fine	Moderate	19:19	19:23	11.8	Middle	5.9	17.9	8.0	31.40	96.0	7.50		2.40		5.0	
	Fine	Moderate	19:19	19:23	11.8	Middle	5.9	17.9	8.0	31.40	96.0	7.50	7.5	2.40		5.0	
	Fine	Moderate	19:19	19:23	11.8	Bottom	10.8	17.8	8.0	31.40	95.7	7.50		2.30		6.0	
	Fine	Moderate	19:19	19:23	11.8	Bottom	10.8	17.8	8.0	31.40	95.8	7.50		2.30		6.0	
11/3/2025	Cloudy	Calm	12:08	12:11	11.6	Surface	1.0	18.5	7.9	31.30	95.8	7.50	7.5	2.80	3.0	2.6	2.8
	Cloudy	Calm	12:08	12:11	11.6	Surface	1.0	18.5	7.9	31.30	95.9	7.50		2.80		1.9	
	Cloudy	Calm	12:08	12:11	11.6	Middle	5.8	18.5	7.9	31.30	95.6	7.40		2.60		2.3	
	Cloudy	Calm	12:08	12:11	11.6	Middle	5.8	18.5	7.9	31.30	95.5	7.40	7.4	2.60		2.7	
	Cloudy	Calm	12:08	12:11	11.6	Bottom	10.6	18.5	7.9	31.30	95.4	7.40		3.40		4.0	
	Cloudy	Calm	12:08	12:11	11.6	Bottom	10.6	18.5	7.9	31.30	95.4	7.40		3.50		3.0	
13/3/2025	Sunny	Calm	11:06	11:09	11.8	Surface	1.0	20.3	8.0	31.40	104.1	7.80	7.9	1.70	1.8	1.5	1.5
	Sunny	Calm	11:06	11:09	11.8	Surface	1.0	20.3	8.0	31.50	104.1	7.80		1.70		1.6	
	Sunny	Calm	11:06	11:09	11.8	Middle	5.9	19.3	8.0	31.40	102.7	7.90		1.50		1.4	
	Sunny	Calm	11:06	11:09	11.8	Middle	5.9	19.2	8.0	31.40	102.6	7.90	7.8	1.50		1.5	
	Sunny	Calm	11:06	11:09	11.8	Bottom	10.8	19.0	8.0	31.40	101.2	7.80		2.10		1.6	
	Sunny	Calm	11:06	11:09	11.8	Bottom	10.8	19.1	8.0	31.40	101.2	7.80		2.20		1.3	
15/3/2025	Cloudy	Moderate	11:42	11:45	11.7	Surface	1.0	19.8	7.9	31.40	102.4	7.80	7.8	0.80	1.0	1.7	1.9
	Cloudy	Moderate	11:42	11:45	11.7	Surface	1.0	19.8	7.9	31.40	102.3	7.80		0.80		1.8	
	Cloudy	Moderate	11:42	11:45	11.7	Middle	5.9	19.7	7.9	31.40	100.6	7.70		1.00		1.6	
	Cloudy	Moderate	11:42	11:45	11.7	Middle	5.9	19.7	7.9	31.40	100.6	7.70	7.6	1.00		2.0	
	Cloudy	Moderate	11:42	11:45	11.7	Bottom	10.7	19.6	7.9	31.40	100.4	7.60		1.10		1.8	
	Cloudy	Moderate	11:42	11:45	11.7	Bottom	10.7	19.6	7.9	31.30	100.7	7.60		1.20		2.4	
18/3/2025	Cloudy	Moderate	13:01	13:03	11.2	Surface	1.0	18.8	7.9	32.00	96.2	7.50	7.4	1.00	1.2	3.1	3.0
	Cloudy	Moderate	13:01	13:03	11.2	Surface	1.0	18.8	7.9	32.00	96.0	7.50		1.00		2.7	
	Cloudy	Moderate	13:01	13:03	11.2	Middle	5.6	18.6	7.9	32.00	93.4	7.30		1.10		3.0	
	Cloudy	Moderate	13:01	13:03	11.2	Middle	5.6	18.6	7.9	32.00	93.3	7.30	7.3	1.20		2.5	
	Cloudy	Moderate	13:01	13:03	11.2	Bottom	10.2	18.6	7.9	32.00	93.3	7.30		1.50		3.7	
	Cloudy	Moderate	13:01	13:03	11.2	Bottom	10.2	18.6	7.9	32.00	93.5	7.30		1.50		3.0	
20/3/2025	Sunny	Moderate	15:04	15:06	11.3	Surface	1.0	18.8	7.9	31.24	100.4	7.89	7.8	3.59	3.8	4.5	4.3
	Sunny	Moderate	15:04	15:06	11.3	Surface	1.0	18.8	7.9	31.24	100.4	7.89		3.57		4.2	
	Sunny	Moderate	15:04	15:06	11.3	Middle	5.7	18.5	7.9	31.24	97.2	7.68		3.64		4.6	
	Sunny	Moderate	15:04	15:06	11.3	Middle	5.7	18.5	7.9	31.24	97.2	7.68	7.6	3.70		4.3	
	Sunny	Moderate	15:04	15:06	11.3	Bottom	10.3	18.4	7.9	31.24	96.6	7.65		4.07		4.4	
	Sunny	Moderate	15:04	15:06	11.3	Bottom	10.3	18.4	7.9	31.24	96.6	7.65		4.09		3.6	
22/3/2025	Cloudy	Moderate	16:26	16:28	11.2	Surface	1.0	19.6	8.0	31.27	119.8	9.27	9.0	1.63	2.5	3.0	3.6
	Cloudy	Moderate	16:26	16:28	11.2	Surface	1.0	19.6	8.0	31.27	119.5	9.23		1.60		3.4	
	Cloudy	Moderate	16:26	16:28	11.2	Middle	5.6	19.1	8.0	31.27	113.7	8.81		2.22		4.1	
	Cloudy	Moderate	16:26	16:28	11.2	Middle	5.6	19.1	8.0	31.27	109.6	8.55	8.5	2.40		3.5	
	Cloudy	Moderate	16:26	16:28	11.2	Bottom	10.2	19.0	8.0	31.26	109.2	8.51		3.62		3.2	
	Cloudy	Moderate	16:26	16:28	11.2	Bottom	10.2	19.0	8.0	31.26	109.2	8.50		3.62		4.2	
25/3/2025	Cloudy	Moderate	20:00	20:02	10.3	Surface	1.0	19.9	8.1	31.29	118.0	8.94	8.4	1.80	3.0	1.9	2.6
	Cloudy	Moderate	20:00	20:02	10.3	Surface	1.0	19.8	8.1	31.29	116.9	8.87		1.89		2.4	
	Cloudy	Moderate	20:00	20:02	10.3	Middle	5.2	19.4	8.0	31.29	103.5	7.91		2.73		2.6	
	Cloudy	Moderate	20:00	20:02	10.3	Middle	5.2	19.4	8.0	31.29	103.3	7.90	8.0	3.04		2.9	
	Cloudy	Moderate	20:00	20:02	10.3	Bottom	9.3	19.3	8.0	31.31	103.7	7.95		4.44		2.6	
	Cloudy	Moderate	20:00	20:02	10.3	Bottom	9.3	19.3	8.0	31.31	104.1	7.97		4.32		3.0	
27/3/2025	Cloudy	Moderate	12:46	12:48	11.2	Surface	1.0	20.0	8.1	31.03	126.2	9.54	9.0	1.66	2.7	1.2	1.0
	Cloudy	Moderate	12:46	12:48	11.2	Surface	1.0	20.0	8.1	31.03	126.2	9.54		1.68		<1.0	
	Cloudy	Moderate	12:46	12:48	11.2	Middle	5.6	19.9	8.1	31.05	112.8	8.52		2.21		<1.0	
	Cloudy	Moderate	12:46	12:48	11.2	Middle	5.6	19.9	8.1	31.05	112.4	8.50	8.4	2.40		<1.0	
	Cloudy	Moderate	12:46	12:48	11.2	Bottom	10.2	19.9	8.1	31.06	110.9	8.39		3.90		<1.0	
	Cloudy	Moderate	12:46	12:48	11.2	Bottom	10.2	19.9	8.1	31.06	110.9	8.37		4.32		<1.0	
29/3/2025	Cloudy	Moderate	12:43	12:47	11.9	Surface	1.0	21.1	8.1	30.44	115.7	8.61	8.6	3.22	4.2	2.3	2.3
	Cloudy	Moderate	12:43	12:47	11.9	Surface	1.0	21.1	8.1	30.44	115.7	8.61		3.30		2.3	
	Cloudy	Moderate	12:43	12:47	11.9	Middle	6.0	21.0	8.1	30.46	114.9	8.57		3.49		2.2	
	Cloudy	Moderate	12:43	12:47	11.9	Middle	6.0	21.0	8.1	30.46	114.9	8.56	8.4	3.52		2.4	
	Cloudy	Moderate	12:43	12:47	11.9	Bottom	10.9	20.5	8.1	30.74	111.9	8.41		5.79		2.2	
	Cloudy	Moderate	12:43	12:47	11.9	Bottom	10.9	20.5	8.1	30.74	111.8	8.40		5.85		2.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average		
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L		
1/3/2025	Cloudy	Moderate	08:46	08:48	11.3	Surface	1.0	18.7	8.0	31.50	108.7	8.40	8.4	1.20	1.4	2.0	1.7		
	Cloudy	Moderate	08:46	08:48	11.3	Surface	1.0	18.7	8.0	31.50	108.7	8.40		1.20		2.0			
	Cloudy	Moderate	08:46	08:48	11.3	Middle	5.7	18.5	8.0	31.50	107.1	8.30		1.30		1.0			
	Cloudy	Moderate	08:46	08:48	11.3	Middle	5.7	18.5	8.0	31.50	106.7	8.30	1.40	1.0					
	Cloudy	Moderate	08:46	08:48	11.3	Bottom	10.3	18.5	8.0	31.50	105.1	8.20	1.50	2.0					
4/3/2025	Cloudy	Moderate	08:46	08:48	11.3	Bottom	10.3	18.5	8.0	31.50	104.8	8.10	8.2	1.50	2.0	2.0	1.0		
	Cloudy	Moderate	08:46	08:48	11.3	Bottom	10.3	18.5	8.0	31.50	104.8	8.10		1.50		2.0			
	Cloudy	Moderate	08:46	08:48	11.3	Bottom	10.3	18.5	8.0	31.50	104.8	8.10		1.50		2.0			
	Cloudy	Moderate	09:49	09:51	12.3	Surface	1.0	19.2	8.1	31.60	119.4	9.20	9.0	0.80		2.0		<1.0	1.0
	Cloudy	Moderate	09:49	09:51	12.3	Surface	1.0	19.2	8.1	31.60	119.1	9.10		0.80				1.0	
Cloudy	Moderate	09:49	09:51	12.3	Middle	6.2	19.1	8.1	31.60	116.2	8.90	1.40		1.0					
6/3/2025	Cloudy	Moderate	09:49	09:51	12.3	Middle	6.2	19.1	8.1	31.60	115.8	8.90	8.8	2.60	3.9		<1.0	3.2	
	Cloudy	Moderate	09:49	09:51	12.3	Middle	6.2	19.1	8.1	31.60	115.8	8.90		2.60			<1.0		
	Cloudy	Moderate	09:49	09:51	12.3	Bottom	11.3	19.1	8.1	31.60	114.4	8.80		3.00		<1.0			
	Cloudy	Moderate	09:49	09:51	12.3	Bottom	11.3	19.1	8.1	31.60	114.3	8.80	3.50	1.0					
	Cloudy	Moderate	09:49	09:51	12.3	Bottom	11.3	19.1	8.1	31.60	114.3	8.80	3.50	1.0					
6/3/2025	Rainy	Moderate	10:22	10:24	11.6	Surface	1.0	18.3	8.0	31.50	99.7	7.80	7.8	6.30	1.4	3.0	5.3		
	Rainy	Moderate	10:22	10:24	11.6	Surface	1.0	18.3	8.0	31.50	99.6	7.80		6.30		4.0			
	Rainy	Moderate	10:22	10:24	11.6	Middle	5.8	18.3	8.0	31.50	99.1	7.70		2.20		3.0			
	Rainy	Moderate	10:22	10:24	11.6	Middle	5.8	18.3	8.0	31.50	98.9	7.70	2.90	3.0					
	Rainy	Moderate	10:22	10:24	11.6	Bottom	10.6	18.4	8.0	31.60	98.2	7.60	2.80	3.0					
8/3/2025	Rainy	Moderate	10:22	10:24	11.6	Bottom	10.6	18.4	8.0	31.50	98.9	7.70	7.7	2.80	1.4	3.0	2.1		
	Rainy	Moderate	10:22	10:24	11.6	Bottom	10.6	18.4	8.0	31.50	98.9	7.70		2.80		3.0			
	Rainy	Moderate	10:22	10:24	11.6	Bottom	10.6	18.4	8.0	31.50	98.9	7.70		2.80		3.0			
	Fine	Moderate	08:52	08:55	11.4	Surface	1.0	17.9	8.0	31.40	96.4	7.60	7.6	1.20		1.5		6.0	2.5
	Fine	Moderate	08:52	08:55	11.4	Surface	1.0	17.9	8.0	31.40	96.4	7.60		1.30				5.0	
Fine	Moderate	08:52	08:55	11.4	Middle	5.7	17.9	8.0	31.40	95.9	7.60	1.40		6.0					
11/3/2025	Fine	Moderate	08:52	08:55	11.4	Middle	5.7	17.9	8.0	31.40	95.9	7.60	7.5	1.40	1.5		5.0	2.9	
	Fine	Moderate	08:52	08:55	11.4	Middle	5.7	17.9	8.0	31.40	95.9	7.60		1.40			5.0		
	Fine	Moderate	08:52	08:55	11.4	Bottom	10.4	17.8	8.0	31.40	95.7	7.50		1.60		5.0			
	Fine	Moderate	08:52	08:55	11.4	Bottom	10.4	17.8	8.0	31.40	95.8	7.50	1.60	5.0					
	Fine	Moderate	08:52	08:55	11.4	Bottom	10.4	17.8	8.0	31.40	95.8	7.50	1.60	5.0					
11/3/2025	Fine	Calm	15:02	15:05	11.8	Surface	1.0	18.7	8.0	31.30	100.3	7.80	7.7	1.20	1.4	1.9	2.1		
	Fine	Calm	15:02	15:05	11.8	Surface	1.0	18.7	8.0	31.30	100.3	7.80		1.20		1.7			
	Fine	Calm	15:02	15:05	11.8	Middle	5.9	18.7	7.9	31.30	97.1	7.50		1.80		2.0			
	Fine	Calm	15:02	15:05	11.8	Middle	5.9	18.7	7.9	31.30	97.1	7.50	1.80	2.4					
	Fine	Calm	15:02	15:05	11.8	Bottom	10.8	18.6	7.9	31.30	90.0	7.00	1.60	2.4					
13/3/2025	Fine	Calm	15:02	15:05	11.8	Bottom	10.8	18.6	7.9	31.30	89.8	7.00	7.9	1.60	1.4	2.0	1.1		
	Fine	Calm	07:56	08:01	11.5	Surface	1.0	19.5	8.0	31.40	103.3	7.90		1.60		<1.0			
	Fine	Calm	07:56	08:01	11.5	Surface	1.0	19.5	8.0	31.40	103.3	7.90		1.60		<1.0			
	Fine	Calm	07:56	08:01	11.5	Middle	5.8	19.1	8.0	31.40	101.6	7.80	1.40	<1.0					
	Fine	Calm	07:56	08:01	11.5	Middle	5.8	19.1	8.0	31.40	101.6	7.80	1.40	<1.0					
15/3/2025	Fine	Calm	07:56	08:01	11.5	Bottom	10.5	19.0	8.0	31.40	99.1	7.60	7.6	1.20	1.5	1.1	2.5		
	Fine	Calm	07:56	08:01	11.5	Bottom	10.5	19.0	8.0	31.40	99.1	7.60		1.30		1.7			
	Fine	Calm	07:56	08:01	11.5	Bottom	10.5	19.0	8.0	31.40	99.1	7.60		1.30		1.7			
	Fine	Moderate	07:21	07:24	11.5	Surface	1.0	19.9	7.9	31.40	100.8	7.60	7.5	1.70		2.6			
	Fine	Moderate	07:21	07:24	11.5	Surface	1.0	19.9	7.9	31.40	100.6	7.60		1.70				2.6	
Fine	Moderate	07:21	07:24	11.5	Middle	5.8	19.5	7.9	31.40	98.8	7.50	1.30		2.9					
18/3/2025	Fine	Moderate	07:21	07:24	11.5	Middle	5.8	19.5	7.9	31.40	98.8	7.50	7.5	1.30	3.2		2.6	2.9	
	Fine	Moderate	07:21	07:24	11.5	Middle	5.8	19.5	7.9	31.40	98.8	7.50		1.30			2.6		
	Fine	Moderate	07:21	07:24	11.5	Bottom	10.5	19.5	7.9	31.40	97.9	7.50		1.40		2.1			
	Cloudy	Moderate	09:13	09:15	11.5	Surface	1.0	18.8	7.9	32.00	97.4	7.60	7.5	1.40		2.6	2.1		3.1
	Cloudy	Moderate	09:13	09:15	11.5	Surface	1.0	18.8	7.9	32.00	97.4	7.60		1.30			2.7		
Cloudy	Moderate	09:13	09:15	11.5	Middle	5.8	18.7	7.9	32.00	93.6	7.30	2.10		3.1					
20/3/2025	Cloudy	Moderate	09:13	09:15	11.5	Middle	5.8	18.7	7.9	32.00	93.6	7.30	7.3	2.10	3.2		2.3	2.9	
	Cloudy	Moderate	09:13	09:15	11.5	Bottom	10.5	18.6	7.9	32.00	92.6	7.30		6.20			2.9		
	Cloudy	Moderate	09:13	09:15	11.5	Bottom	10.5	18.6	7.9	32.00	92.7	7.30		6.00		3.4			
	Sunny	Moderate	08:56	09:00	11.1	Surface	1.0	18.7	7.9	31.19	101.3	7.97	7.9	3.62		5.2	4.7		4.4
	Sunny	Moderate	08:56	09:00	11.1	Surface	1.0	18.7	7.9	31.19	101.2	7.97		3.63			4.6		
Sunny	Moderate	08:56	09:00	11.1	Middle	5.6	18.7	7.9	31.29	98.8	7.78	7.10		4.2					
22/3/2025	Sunny	Moderate	08:56	09:00	11.1	Middle	5.6	18.7	7.9	31.32	98.8	7.78	7.7	7.19	2.6		4.3	3.1	
	Sunny	Moderate	08:56	09:00	11.1	Bottom	10.1	18.4	7.9	31.25	97.3	7.70		4.82			4.4		
	Sunny	Moderate	08:56	09:00	11.1	Bottom	10.1	18.4	7.9	31.25	97.3	7.70		4.82		4.4			
	Cloudy	Moderate	07:37	07:40	10.6	Surface	1.0	19.6	8.0	31.30	118.3	9.11	8.9	1.67		2.6	2.8		3.1
	Cloudy	Moderate	07:37	07:40	10.6	Surface	1.0	19.5	8.0	31.30	118.1	9.09		1.73			3.3		
Cloudy	Moderate	07:37	07:40	10.6	Middle	5.3	19.1	8.0	31.27	112.3	8.74	2.06		3.6					
25/3/2025	Cloudy	Moderate	07:37	07:40	10.6	Middle	5.3	19.1	8.0	31.27	111.9	8.70	8.2	2.19	3.0		2.8	1.8	
	Cloudy	Moderate	07:37	07:40	10.6	Middle	5.3	19.1	8.0	31.27	111.9	8.70		2.19			2.8		
	Cloudy	Moderate	07:37	07:40	10.6	Bottom	9.6	19.0	8.0	31.27	105.4	8.23		3.82		3.0			
	Cloudy	Moderate	07:37	07:40	10.6	Bottom	9.6	19.0	8.0	31.27	105.4	8.22	3.91	3.2					
	Cloudy	Moderate	07:37	07:40	10.6	Bottom	9.6	19.0	8.0	31.27	105.4	8.22	3.91	3.2					
25/3/2025	Cloudy	Moderate	14:18	14:20	10.7	Surface	1.0	20.0	8.1	31.24	122.3	9.25	8.5	1.59	3.1	2.1	1.1		
	Cloudy	Moderate	14:18	14:20	10.7	Surface	1.0	20.0	8.1	31.25	122.0	9.22		1.63		1.7			
	Cloudy	Moderate	14:18	14:20	10.7	Middle	5.4	19.4	8.0	31.29	101.8	7.78		2.98		2.1			
	Cloudy	Moderate	14:18	14:20	10.7	Middle	5.4	19.4	8.0	31.29	101.9	7.79	7.9	3.26		2.0			
	Cloudy	Moderate	14:18	14:20	10.7	Bottom	9.7	19.3	8.0	31.31	102.5	7.86		4.30		1.6			
Cloudy	Moderate	14:18	14:20	10.7	Bottom	9.7	19.3	8.0	31.31	102.7	7.87	4.31		1.2					
27/3/2025	Cloudy	Moderate	15:02	15:04	11.0	Surface	1.0	20.5	8.1	30.83	129.9	9.72	9.4	0.38	1.4	<1.0	1.0		
	Cloudy	Moderate	15:02	15:04	11.0	Surface	1.0	20.5	8.1	30.85	129.4	9.70		0.42		1.1			
	Cloudy	Moderate	15:02	15:04	11.0	Middle	5.5	20.0	8.1	31.12	120.1	9.07		1.17		<1.0			
	Cloudy	Moderate	15:02	15:04	11.0	Middle	5.5	20.0	8.1	31.15	119.9	9.06	8.6	1.31		<1.0			
	Cloudy	Moderate	15:02	15:04	11.0	Bottom	10.0	19.7	8.1	31.30	113.5	8.60		7.71		1.0			
Cloudy	Moderate	15:02	15:04	11.0	Bottom	10.0	19.7	8.1	31.30	113.3	8.60	7.53	1.2						
29/3/2025	Cloudy	Rough	17:03	17:06	11.3	Surface	1.0	21.3	8.1	30.37	117.8	8.75	8.7	0.38	1.4	<1.0	1.0		
	Cloudy	Rough	17:03	17:06	11.3	Surface	1.0	21.3	8.1	30.37	117.8	8.75		0.34		<1.0			
	Cloudy	Rough	17:03	17:06	11.3	Middle	5.7	21.3	8.1	30.39	116.5	8.65		0.53		<1.0			
	Cloudy	Rough	17:03	17:06	11.3	Middle	5.7	21.3	8.1	30.38	116.2	8.63	0.47	<1.0					
	Cloudy	Rough	17:03	17:06	11.3	Bottom	10.3	20.7	8.1	30.48	110.3	8.27	3.22	<1.0					
Cloudy	Rough	17:03	17:06	11.3	Bottom	10.3	20.7	8.1	30.48	110.2	8.26	3.24	<1.0						



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:55	12:58	9.4	Surface	1.0	18.7	8.0	31.50	109.7	8.50	8.5	1.80	4.2	2.0	1.8
	Cloudy	Moderate	12:55	12:58	9.4	Surface	1.0	18.6	8.0	31.50	109.3	8.50		1.90		1.0	
	Cloudy	Moderate	12:55	12:58	9.4	Middle	4.7	18.4	8.0	31.50	107.8	8.40		2.20		3.0	
	Cloudy	Moderate	12:55	12:58	9.4	Middle	4.7	18.4	8.0	31.50	107.7	8.40	2.20	2.0			
	Cloudy	Moderate	12:55	12:58	9.4	Bottom	8.4	18.4	8.0	31.50	107.5	8.40	8.4	8.80		2.0	
4/3/2025	Cloudy	Moderate	12:55	12:58	9.4	Bottom	8.4	18.4	8.0	31.50	107.6	8.40	8.50	1.0			
	Cloudy	Moderate	15:05	15:07	9.6	Surface	1.0	18.9	8.1	31.50	109.4	8.40	8.4	2.80	3.5	<1.0	1.0
	Cloudy	Moderate	15:05	15:07	9.6	Surface	1.0	18.9	8.1	31.50	109.3	8.40		3.00		<1.0	
	Cloudy	Moderate	15:05	15:07	9.6	Middle	4.8	18.9	8.1	31.50	108.6	8.40		3.70		<1.0	
	Cloudy	Moderate	15:05	15:07	9.6	Middle	4.8	18.9	8.1	31.50	108.3	8.30	3.80	<1.0			
Cloudy	Moderate	15:05	15:07	9.6	Bottom	8.6	18.9	8.1	31.50	107.5	8.30	8.3	3.90	<1.0			
6/3/2025	Cloudy	Moderate	15:05	15:07	9.6	Bottom	8.6	18.9	8.1	31.50	107.1	8.30	4.00	<1.0			
	Cloudy	Moderate	17:10	17:12	9.8	Surface	1.0	18.5	8.0	31.30	97.5	7.60	7.6	0.90	3.9	3.0	3.0
	Cloudy	Moderate	17:10	17:12	9.8	Surface	1.0	18.6	8.0	31.30	97.5	7.60		1.30		3.0	
	Cloudy	Moderate	17:10	17:12	9.8	Middle	4.9	18.6	8.0	31.40	97.3	7.60		3.70		3.0	
	Cloudy	Moderate	17:10	17:12	9.8	Middle	4.9	18.6	8.0	31.40	97.3	7.50	4.80	3.0			
Cloudy	Moderate	17:10	17:12	9.8	Bottom	8.8	18.6	8.0	31.40	97.4	7.50	7.6	6.70	3.0			
8/3/2025	Cloudy	Moderate	17:10	17:12	9.8	Bottom	8.8	18.6	8.0	31.40	97.5	7.60	6.20	3.0			
	Fine	Moderate	20:43	20:47	9.9	Surface	1.0	18.1	8.0	31.30	95.3	7.50	7.5	1.10	1.4	4.0	4.2
	Fine	Moderate	20:43	20:47	9.9	Surface	1.0	18.1	8.0	31.30	95.4	7.50		1.20		4.0	
	Fine	Moderate	20:43	20:47	9.9	Middle	5.0	18.1	8.0	31.20	94.8	7.40		1.40		5.0	
	Fine	Moderate	20:43	20:47	9.9	Middle	5.0	18.1	8.0	31.20	94.8	7.40	1.50	4.0			
Fine	Moderate	20:43	20:47	9.9	Bottom	8.9	17.8	8.0	31.20	92.4	7.30	7.3	1.60	4.0			
11/3/2025	Fine	Moderate	20:43	20:47	9.9	Bottom	8.9	17.8	8.0	31.20	92.4	7.30	1.70	4.0			
	Cloudy	Calm	10:33	10:36	9.5	Surface	1.0	18.5	7.8	31.30	95.4	7.50	7.5	1.60	2.1	2.7	3.0
	Cloudy	Calm	10:33	10:36	9.5	Surface	1.0	18.5	7.8	31.30	95.4	7.50		1.60		2.6	
	Cloudy	Calm	10:33	10:36	9.5	Middle	4.8	18.3	7.9	31.30	94.3	7.40		1.90		3.5	
	Cloudy	Calm	10:33	10:36	9.5	Middle	4.8	18.3	7.9	31.30	94.3	7.40	1.90	2.6			
Cloudy	Calm	10:33	10:36	9.5	Bottom	8.5	18.1	7.9	31.30	94.0	7.30	7.3	2.80	3.3			
13/3/2025	Cloudy	Calm	10:33	10:36	9.5	Bottom	8.5	18.1	7.9	31.30	94.0	7.30	2.80	3.2			
	Sunny	Calm	12:29	12:32	9.8	Surface	1.0	19.8	8.0	31.40	98.4	7.50	7.5	1.10	1.6	1.2	1.6
	Sunny	Calm	12:29	12:32	9.8	Surface	1.0	19.7	8.0	31.40	97.9	7.50		1.10		1.4	
	Sunny	Calm	12:29	12:32	9.8	Middle	4.9	18.7	8.0	31.40	96.9	7.50		1.10		1.7	
	Sunny	Calm	12:29	12:32	9.8	Middle	4.9	18.7	8.0	31.40	96.9	7.50	1.10	1.7			
Sunny	Calm	12:29	12:32	9.8	Bottom	8.8	18.7	8.0	31.40	95.8	7.40	7.4	2.70	2.0			
15/3/2025	Sunny	Calm	12:29	12:32	9.8	Bottom	8.8	18.7	8.0	31.40	95.8	7.40	2.70	1.6			
	Cloudy	Moderate	13:14	13:16	9.8	Surface	1.0	19.6	7.9	31.20	96.5	7.40	7.4	3.10	3.0	2.0	2.3
	Cloudy	Moderate	13:14	13:16	9.8	Surface	1.0	19.6	7.9	31.20	96.5	7.40		3.10		2.1	
	Cloudy	Moderate	13:14	13:16	9.8	Middle	4.9	19.4	7.9	31.30	96.1	7.40		2.50		2.4	
	Cloudy	Moderate	13:14	13:16	9.8	Middle	4.9	19.4	7.9	31.30	96.1	7.40	2.50	2.2			
Cloudy	Moderate	13:14	13:16	9.8	Bottom	8.8	19.4	7.9	31.40	93.9	7.20	7.2	3.30	2.2			
18/3/2025	Cloudy	Moderate	13:14	13:16	9.8	Bottom	8.8	19.4	7.9	31.40	93.9	7.20	3.30	3.0			
	Cloudy	Moderate	13:53	13:55	9.6	Surface	1.0	18.8	7.9	31.80	96.5	7.50	7.5	1.60	2.4	5.5	3.7
	Cloudy	Moderate	13:53	13:55	9.6	Surface	1.0	18.8	7.9	31.80	96.5	7.50		1.60		3.9	
	Cloudy	Moderate	13:53	13:55	9.6	Middle	4.8	18.6	7.9	31.80	94.9	7.40		2.60		2.9	
	Cloudy	Moderate	13:53	13:55	9.6	Middle	4.8	18.6	7.9	31.80	95.0	7.40	2.50	4.4			
Cloudy	Moderate	13:53	13:55	9.6	Bottom	8.6	18.6	7.9	31.80	94.7	7.40	7.4	3.00	2.7			
20/3/2025	Cloudy	Moderate	13:53	13:55	9.6	Bottom	8.6	18.6	7.9	31.80	94.7	7.40	3.10	2.8			
	Sunny	Moderate	16:23	16:27	9.5	Surface	1.0	18.9	7.9	31.10	99.6	7.81	7.8	2.88	3.6	4.5	4.5
	Sunny	Moderate	16:23	16:27	9.5	Surface	1.0	18.9	7.9	31.10	99.6	7.81		2.85		4.4	
	Sunny	Moderate	16:23	16:27	9.5	Middle	4.8	18.5	7.9	31.09	98.5	7.78		3.27		4.7	
	Sunny	Moderate	16:23	16:27	9.5	Middle	4.8	18.5	7.9	31.09	98.5	7.78	3.32	4.7			
Sunny	Moderate	16:23	16:27	9.5	Bottom	8.5	18.3	7.9	31.14	96.8	7.68	7.7	4.52	4.3			
22/3/2025	Sunny	Moderate	16:23	16:27	9.5	Bottom	8.5	18.4	7.9	31.14	96.8	7.66	4.59	4.6			
	Cloudy	Moderate	17:19	17:22	8.8	Surface	1.0	19.3	8.0	31.20	109.3	8.38	8.2	1.59	3.2	3.5	3.5
	Cloudy	Moderate	17:19	17:22	8.8	Surface	1.0	19.2	8.0	31.21	109.2	8.46		1.67		3.6	
	Cloudy	Moderate	17:19	17:22	8.8	Middle	4.4	18.8	8.0	31.23	103.8	8.03		2.12		3.4	
	Cloudy	Moderate	17:19	17:22	8.8	Middle	4.4	18.8	8.0	31.23	103.7	8.02	2.12	3.3			
Cloudy	Moderate	17:19	17:22	8.8	Bottom	7.8	18.6	7.9	31.30	98.7	7.66	7.7	5.83	3.4			
25/3/2025	Cloudy	Moderate	17:19	17:22	8.8	Bottom	7.8	18.6	7.9	31.30	99.0	7.68	6.15	3.6			
	Cloudy	Moderate	20:50	20:52	8.8	Surface	1.0	21.7	8.2	31.26	144.5	10.59	9.8	1.00	1.7	1.8	2.4
	Cloudy	Moderate	20:50	20:52	8.8	Surface	1.0	21.7	8.2	31.22	144.0	10.55		0.98		1.6	
	Cloudy	Moderate	20:50	20:52	8.8	Middle	4.4	19.2	8.1	31.56	117.1	8.96		1.65		2.9	
	Cloudy	Moderate	20:50	20:52	8.8	Middle	4.4	19.2	8.1	31.54	117.1	8.97	1.71	2.6			
Cloudy	Moderate	20:50	20:52	8.8	Bottom	7.8	19.1	8.0	31.42	114.4	8.79	8.8	2.05	3.0			
27/3/2025	Cloudy	Moderate	20:50	20:52	8.8	Bottom	7.8	19.1	8.0	31.42	114.8	8.82	2.95	2.3			
	Cloudy	Moderate	11:45	11:47	9.7	Surface	1.0	19.9	8.0	31.13	112.5	8.51	8.3	2.36	2.9	<1.0	1.0
	Cloudy	Moderate	11:45	11:47	9.7	Surface	1.0	19.9	8.0	31.13	112.5	8.51		2.39		<1.0	
	Cloudy	Moderate	11:45	11:47	9.7	Middle	4.9	19.8	8.0	30.85	107.0	8.12		2.80		<1.0	
	Cloudy	Moderate	11:45	11:47	9.7	Middle	4.9	19.8	8.0	30.85	106.8	8.11	2.83	<1.0			
Cloudy	Moderate	11:45	11:47	9.7	Bottom	8.7	19.7	8.0	30.48	105.0	8.01	8.0	3.39	1.0			
29/3/2025	Cloudy	Moderate	11:45	11:47	9.7	Bottom	8.7	19.7	8.0	30.48	105.0	8.01	3.42	<1.0			
	Cloudy	Moderate	11:17	11:20	10.1	Surface	1.0	20.7	8.1	30.43	111.2	8.43	8.4	1.77	2.0	1.2	1.2
	Cloudy	Moderate	11:17	11:20	10.1	Surface	1.0	20.7	8.1	30.43	111.1	8.43		1.74		1.3	
	Cloudy	Moderate	11:17	11:20	10.1	Middle	5.1	20.5	8.0	30.49	108.9	8.31		1.70		1.4	
	Cloudy	Moderate	11:17	11:20	10.1	Middle	5.1	20.5	8.0	30.49	108.9	8.31	1.81	1.2			
Cloudy	Moderate	11:17	11:20	10.1	Bottom	9.1	19.9	8.0	30.91	104.8	8.08	8.1	2.49	1.2			
Cloudy	Moderate	11:17	11:20	10.1	Bottom	9.1	19.9	8.0	30.93	104.8	8.08	8.08	2.49	1.0			



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	07:46	07:48	9.7	Surface	1.0	18.4	7.9	31.50	107.6	8.40	8.4	1.80	1.9	2.0	2.2
	Cloudy	Moderate	07:46	07:48	9.7	Surface	1.0	18.4	7.9	31.50	107.5	8.40		1.70		3.0	
	Cloudy	Moderate	07:46	07:48	9.7	Middle	4.9	18.3	7.9	31.50	106.0	8.30		1.60		3.0	
	Cloudy	Moderate	07:46	07:48	9.7	Middle	4.9	18.3	7.9	31.50	105.9	8.30	1.70	2.0			
	Cloudy	Moderate	07:46	07:48	9.7	Bottom	8.7	18.3	7.9	31.50	103.1	8.00	2.30	1.0			
	Cloudy	Moderate	07:46	07:48	9.7	Bottom	8.7	18.3	7.9	31.50	102.8	8.00	2.50	2.0			
4/3/2025	Cloudy	Moderate	08:49	08:51	10.3	Surface	1.0	19.1	8.0	31.70	111.9	8.60	8.6	1.50	2.0	<1.0	1.0
	Cloudy	Moderate	08:49	08:51	10.3	Surface	1.0	19.1	8.0	31.70	111.9	8.60		1.50		<1.0	
	Cloudy	Moderate	08:49	08:51	10.3	Middle	5.2	19.0	8.0	31.40	110.4	8.50		1.90		<1.0	
	Cloudy	Moderate	08:49	08:51	10.3	Middle	5.2	19.0	8.0	31.40	110.2	8.50	2.00	<1.0			
	Cloudy	Moderate	08:49	08:51	10.3	Bottom	9.3	18.9	8.0	31.10	108.4	8.40	2.50	1.0			
	Cloudy	Moderate	08:49	08:51	10.3	Bottom	9.3	18.9	8.0	31.10	108.4	8.40	2.60	<1.0			
6/3/2025	Rainy	Moderate	09:20	09:23	9.9	Surface	1.0	18.3	8.0	31.50	99.8	7.80	7.8	5.20	4.5	3.0	2.8
	Rainy	Moderate	09:20	09:23	9.9	Surface	1.0	18.3	8.0	31.50	99.8	7.80		5.20		3.0	
	Rainy	Moderate	09:20	09:23	9.9	Middle	5.0	18.3	8.0	31.50	99.6	7.80		2.30		3.0	
	Rainy	Moderate	09:20	09:23	9.9	Middle	5.0	18.3	8.0	31.50	99.5	7.80	2.40	3.0			
	Rainy	Moderate	09:20	09:23	9.9	Bottom	8.9	18.3	8.0	31.50	99.3	7.70	6.00	3.0			
	Rainy	Moderate	09:20	09:23	9.9	Bottom	8.9	18.3	8.0	31.50	99.3	7.80	6.10	2.0			
8/3/2025	Fine	Moderate	07:23	07:26	9.5	Surface	1.0	17.8	7.9	29.80	95.1	7.60	7.6	0.90	1.9	5.0	4.7
	Fine	Moderate	07:23	07:26	9.5	Surface	1.0	17.8	7.9	29.80	95.1	7.60		0.90		5.0	
	Fine	Moderate	07:23	07:26	9.5	Middle	4.8	17.8	7.9	29.50	94.3	7.50		1.40		5.0	
	Fine	Moderate	07:23	07:26	9.5	Middle	4.8	17.8	7.9	29.50	94.3	7.50	1.40	5.0			
	Fine	Moderate	07:23	07:26	9.5	Bottom	8.5	17.9	7.9	29.30	91.4	7.30	3.40	4.0			
	Fine	Moderate	07:23	07:26	9.5	Bottom	8.5	17.9	7.9	29.30	91.4	7.30	3.50	4.0			
11/3/2025	Fine	Calm	16:15	16:18	9.8	Surface	1.0	18.8	8.0	31.30	99.5	7.70	7.6	2.00	2.5	4.6	5.2
	Fine	Calm	16:15	16:18	9.8	Surface	1.0	18.8	8.0	31.30	99.4	7.70		2.10		5.7	
	Fine	Calm	16:15	16:18	9.8	Middle	4.9	18.5	8.0	31.30	96.9	7.50		1.50		4.3	
	Fine	Calm	16:15	16:18	9.8	Middle	4.9	18.4	8.0	31.30	96.8	7.50	1.50	5.2			
	Fine	Calm	16:15	16:18	9.8	Bottom	8.8	18.2	7.9	31.40	93.2	7.30	4.00	5.8			
	Fine	Calm	16:15	16:18	9.8	Bottom	8.8	18.2	7.9	31.40	93.2	7.30	4.00	5.8			
13/3/2025	Fine	Calm	06:21	06:24	9.6	Surface	1.0	18.8	7.9	29.30	92.4	7.20	7.2	1.00	1.6	3.1	3.4
	Fine	Calm	06:21	06:24	9.6	Surface	1.0	18.8	7.9	29.20	92.5	7.20		1.10		3.1	
	Fine	Calm	06:21	06:24	9.6	Middle	4.8	18.7	7.9	28.80	91.9	7.20		1.30		3.5	
	Fine	Calm	06:21	06:24	9.6	Middle	4.8	18.7	7.9	28.70	91.9	7.20	1.30	3.5			
	Fine	Calm	06:21	06:24	9.6	Bottom	8.6	18.7	7.9	28.00	91.9	7.30	2.30	3.7			
	Fine	Calm	06:21	06:24	9.6	Bottom	8.6	18.7	7.9	27.90	91.9	7.30	2.30	3.4			
15/3/2025	Fine	Moderate	06:02	06:05	9.6	Surface	1.0	19.4	7.9	30.80	95.7	7.30	7.3	2.40	3.0	2.8	2.4
	Fine	Moderate	06:02	06:05	9.6	Surface	1.0	19.4	7.9	30.80	95.7	7.30		2.40		2.1	
	Fine	Moderate	06:02	06:05	9.6	Middle	4.8	19.4	7.9	30.70	94.6	7.30		2.50		2.5	
	Fine	Moderate	06:02	06:05	9.6	Middle	4.8	19.4	7.9	30.70	94.4	7.20	2.50	2.6			
	Fine	Moderate	06:02	06:05	9.6	Bottom	8.6	19.5	7.9	30.70	91.4	7.00	4.20	1.9			
	Fine	Moderate	06:02	06:05	9.6	Bottom	8.6	19.5	7.9	30.70	91.4	7.00	4.10	2.6			
18/3/2025	Cloudy	Moderate	08:18	08:20	10.6	Surface	1.0	18.7	7.9	31.90	93.4	7.30	7.3	2.50	2.4	2.5	3.4
	Cloudy	Moderate	08:18	08:20	10.6	Surface	1.0	18.7	7.9	31.90	93.4	7.30		2.50		2.8	
	Cloudy	Moderate	08:18	08:20	10.6	Middle	5.3	18.7	7.9	31.90	92.9	7.30		2.60		4.2	
	Cloudy	Moderate	08:18	08:20	10.6	Middle	5.3	18.7	7.9	31.90	92.9	7.30	2.60	2.9			
	Cloudy	Moderate	08:18	08:20	10.6	Bottom	9.6	18.7	7.9	31.90	92.5	7.20	2.20	4.6			
	Cloudy	Moderate	08:18	08:20	10.6	Bottom	9.6	18.7	7.9	31.90	92.5	7.20	2.20	3.6			
20/3/2025	Sunny	Moderate	07:26	07:28	9.8	Surface	1.0	18.5	7.9	30.91	97.5	7.72	7.7	3.63	3.1	4.0	4.4
	Sunny	Moderate	07:26	07:28	9.8	Surface	1.0	18.5	7.9	30.91	97.5	7.72		3.57		4.6	
	Sunny	Moderate	07:26	07:28	9.8	Middle	4.9	18.4	7.9	30.86	97.7	7.76		2.71		3.9	
	Sunny	Moderate	07:26	07:28	9.8	Middle	4.9	18.4	7.9	30.85	97.8	7.76	2.72	4.5			
	Sunny	Moderate	07:26	07:28	9.8	Bottom	8.8	18.3	7.9	30.84	98.2	7.81	3.05	4.4			
	Sunny	Moderate	07:26	07:28	9.8	Bottom	8.8	18.3	7.9	30.83	98.3	7.82	3.09	5.0			
22/3/2025	Cloudy	Moderate	06:47	06:49	9.6	Surface	1.0	19.0	8.0	30.40	102.6	7.95	7.6	1.32	4.3	3.0	3.3
	Cloudy	Moderate	06:47	06:49	9.6	Surface	1.0	18.9	8.0	30.39	102.4	8.00		1.34		3.5	
	Cloudy	Moderate	06:47	06:49	9.6	Middle	4.8	18.5	7.9	30.20	92.6	7.25		3.25		3.0	
	Cloudy	Moderate	06:47	06:49	9.6	Middle	4.8	18.5	7.9	30.19	92.3	7.23	3.26	3.5			
	Cloudy	Moderate	06:47	06:49	9.6	Bottom	8.6	18.3	7.9	30.02	88.0	6.92	8.28	3.6			
	Cloudy	Moderate	06:47	06:49	9.6	Bottom	8.6	18.3	7.9	30.00	88.0	6.92	8.28	2.9			
25/3/2025	Cloudy	Moderate	13:20	13:22	9.3	Surface	1.0	19.8	8.1	29.38	123.8	9.51	9.2	0.93	1.5	1.7	2.2
	Cloudy	Moderate	13:20	13:22	9.3	Surface	1.0	19.8	8.1	29.37	123.7	9.50		0.97		2.1	
	Cloudy	Moderate	13:20	13:22	9.3	Middle	4.7	19.5	8.1	29.21	114.9	8.88		1.46		1.9	
	Cloudy	Moderate	13:20	13:22	9.3	Middle	4.7	19.5	8.1	29.19	114.7	8.87	1.47	1.9			
	Cloudy	Moderate	13:20	13:22	9.3	Bottom	8.3	19.0	8.0	28.95	105.7	8.25	1.95	2.6			
	Cloudy	Moderate	13:20	13:22	9.3	Bottom	8.3	19.0	8.0	28.86	105.6	8.25	1.99	2.8			
27/3/2025	Cloudy	Moderate	16:17	16:19	9.2	Surface	1.0	21.7	8.2	30.62	148.6	10.91	10.5	0.40	3.5	<1.0	1.0
	Cloudy	Moderate	16:17	16:19	9.2	Surface	1.0	21.6	8.2	30.65	148.2	10.90		0.28		<1.0	
	Cloudy	Moderate	16:17	16:19	9.2	Middle	4.6	20.8	8.2	30.75	136.6	10.17		3.97		<1.0	
	Cloudy	Moderate	16:17	16:19	9.2	Middle	4.6	20.8	8.2	30.76	136.1	10.15	3.84	<1.0			
	Cloudy	Moderate	16:17	16:19	9.2	Bottom	8.2	20.9	8.1	30.80	127.6	9.48	6.56	<1.0			
	Cloudy	Moderate	16:17	16:19	9.2	Bottom	8.2	20.9	8.1	30.79	127.3	9.48	6.01	<1.0			
29/3/2025	Cloudy	Rough	18:40	18:44	9.9	Surface	1.0	21.0	8.1	30.40	114.5	8.54	8.5	1.56	3.3	3.8	3.0
	Cloudy	Rough	18:40	18:44	9.9	Surface	1.0	21.0	8.1	30.40	114.4	8.53		1.58		3.1	
	Cloudy	Rough	18:40	18:44	9.9	Middle	5.0	20.7	8.1	30.43	111.8	8.38		2.90		2.4	
	Cloudy	Rough	18:40	18:44	9.9	Middle	5.0	20.7	8.1	30.42	111.6	8.37	2.89	3.0			
	Cloudy	Rough	18:40	18:44	9.9	Bottom	8.9	20.6	8.1	30.54	108.6	8.16	5.33	3.0			
	Cloudy	Rough	18:40	18:44	9.9	Bottom	8.9	20.6	8.1	30.54	108.6	8.16	5.36	2.5			



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:44	12:46	3.5	Surface	1.0	18.9	8.0	31.50	108.8	8.40	8.4	1.50	1.7	2.0	1.3
	Cloudy	Moderate	12:44	12:46	3.5	Surface	1.0	18.8	8.0	31.50	108.4	8.40		1.60		1.0	
	Cloudy	Moderate	12:44	12:46	3.5	Bottom	2.5	18.7	8.0	31.50	106.1	8.20	8.2	1.80		1.0	
	Cloudy	Moderate	12:44	12:46	3.5	Bottom	2.5	18.7	8.0	31.50	106.1	8.20		1.80		<1.0	
4/3/2025	Cloudy	Moderate	14:49	14:51	3.9	Surface	1.0	19.2	8.1	31.60	113.4	8.70	8.7	2.50	1.7	<1.0	1.0
	Cloudy	Moderate	14:49	14:51	3.9	Surface	1.0	19.2	8.1	31.60	113.3	8.70		1.50		<1.0	
	Cloudy	Moderate	14:49	14:51	3.9	Bottom	2.9	19.2	8.1	31.60	113.1	8.70	8.7	1.40		<1.0	
	Cloudy	Moderate	14:49	14:51	3.9	Bottom	2.9	19.2	8.1	31.60	112.4	8.60		1.50		<1.0	
6/3/2025	Cloudy	Moderate	16:50	16:52	5.5	Surface	1.0	18.5	8.0	31.20	97.9	7.60	7.6	0.80	2.1	3.0	2.8
	Cloudy	Moderate	16:50	16:52	5.5	Surface	1.0	18.5	8.0	31.20	97.8	7.60		1.00		3.0	
	Cloudy	Moderate	16:50	16:52	5.5	Bottom	4.5	18.6	8.0	31.40	97.7	7.60	7.6	3.40		2.0	
	Cloudy	Moderate	16:50	16:52	5.5	Bottom	4.5	18.6	8.0	31.40	97.8	7.60		3.00		3.0	
8/3/2025	Fine	Moderate	20:24	20:26	3.7	Surface	1.0	17.9	8.0	31.20	94.6	7.40	7.4	2.30	2.3	4.0	4.0
	Fine	Moderate	20:24	20:26	3.7	Surface	1.0	18.0	8.0	31.20	94.6	7.40		2.30		4.0	
	Fine	Moderate	20:24	20:26	3.7	Bottom	2.7	18.2	8.0	31.20	94.9	7.40	7.4	2.30		4.0	
	Fine	Moderate	20:24	20:26	3.7	Bottom	2.7	18.2	8.0	31.20	94.9	7.40		2.30		4.0	
11/3/2025	Cloudy	Calm	10:55	10:57	3.6	Surface	1.0	18.7	7.9	31.30	95.7	7.40	7.4	2.50	4.6	3.8	2.8
	Cloudy	Calm	10:55	10:57	3.6	Surface	1.0	18.7	7.9	31.30	95.7	7.40		2.50		3.3	
	Cloudy	Calm	10:55	10:57	3.6	Bottom	2.6	18.3	7.9	31.40	92.4	7.20	7.2	6.70		2.3	
	Cloudy	Calm	10:55	10:57	3.6	Bottom	2.6	18.3	7.9	31.40	92.5	7.20		6.70		1.6	
13/3/2025	Sunny	Calm	12:12	12:15	3.7	Surface	1.0	19.3	7.9	31.40	95.7	7.30	7.3	1.30	1.8	<1.0	1.2
	Sunny	Calm	12:12	12:15	3.7	Surface	1.0	19.3	7.9	31.40	95.6	7.30		1.40		<1.0	
	Sunny	Calm	12:12	12:15	3.7	Bottom	2.7	18.7	7.9	31.40	89.2	6.90	6.9	2.30		1.3	
	Sunny	Calm	12:12	12:15	3.7	Bottom	2.7	18.7	7.9	31.40	89.3	6.90		2.30		1.6	
15/3/2025	Cloudy	Moderate	12:45	12:47	3.8	Surface	1.0	19.9	7.9	31.20	98.8	7.50	7.5	2.00	2.4	2.1	2.1
	Cloudy	Moderate	12:45	12:47	3.8	Surface	1.0	19.9	7.9	31.20	98.8	7.50		2.00		2.3	
	Cloudy	Moderate	12:45	12:47	3.8	Bottom	2.8	19.6	7.9	31.40	94.2	7.20	7.2	2.70		2.0	
	Cloudy	Moderate	12:45	12:47	3.8	Bottom	2.8	19.6	7.9	31.40	94.3	7.20		2.70		1.8	
18/3/2025	Cloudy	Moderate	13:41	13:43	5.2	Surface	1.0	18.8	7.9	31.90	98.2	7.70	7.7	1.80	1.9	3.9	3.2
	Cloudy	Moderate	13:41	13:43	5.2	Surface	1.0	18.8	7.9	31.90	98.3	7.70		1.80		2.8	
	Cloudy	Moderate	13:41	13:43	5.2	Bottom	4.2	18.8	7.9	31.90	100.0	7.80	7.8	2.00		2.9	
	Cloudy	Moderate	13:41	13:43	5.2	Bottom	4.2	18.8	7.9	31.90	100.5	7.80		2.00		3.0	
20/3/2025	Sunny	Moderate	16:06	16:10	3.6	Surface	1.0	19.1	7.9	31.17	102.9	8.04	8.0	3.38	3.6	4.5	4.2
	Sunny	Moderate	16:06	16:10	3.6	Surface	1.0	19.1	7.9	31.17	102.9	8.04		3.43		4.0	
	Sunny	Moderate	16:06	16:10	3.6	Bottom	2.6	18.5	7.9	31.16	101.2	7.99	8.0	3.73		4.2	
	Sunny	Moderate	16:06	16:10	3.6	Bottom	2.6	18.5	7.9	31.16	101.2	8.00		3.77		4.1	
22/3/2025	Cloudy	Moderate	17:08	17:10	5.4	Surface	1.0	20.0	8.1	31.21	132.6	10.20	10.2	3.63	5.4	2.7	3.4
	Cloudy	Moderate	17:08	17:10	5.4	Surface	1.0	20.0	8.1	31.21	132.7	10.17		3.62		3.8	
	Cloudy	Moderate	17:08	17:10	5.4	Bottom	4.4	18.9	7.9	31.22	102.3	7.90	8.0	7.26		3.6	
	Cloudy	Moderate	17:08	17:10	5.4	Bottom	4.4	18.9	7.9	31.22	102.5	8.00		7.28		3.3	
25/3/2025	Cloudy	Moderate	20:39	20:41	5.7	Surface	1.0	20.8	8.1	31.26	126.4	9.42	9.4	1.27	4.2	2.9	2.2
	Cloudy	Moderate	20:39	20:41	5.7	Surface	1.0	20.8	8.1	31.27	126.5	9.43		1.27		2.2	
	Cloudy	Moderate	20:39	20:41	5.7	Bottom	4.7	19.7	8.1	31.30	120.2	9.14	9.1	6.97		2.2	
	Cloudy	Moderate	20:39	20:41	5.7	Bottom	4.7	19.7	8.1	31.31	120.2	9.14		7.12		1.6	
27/3/2025	Cloudy	Moderate	12:04	12:06	4.2	Surface	1.0	20.6	8.1	30.99	114.8	8.58	8.6	1.42	1.4	<1.0	1.0
	Cloudy	Moderate	12:04	12:06	4.2	Surface	1.0	20.6	8.1	30.99	114.5	8.56		1.43		<1.0	
	Cloudy	Moderate	12:04	12:06	4.2	Bottom	3.2	20.5	8.1	31.01	111.9	8.38	8.4	1.45		<1.0	
	Cloudy	Moderate	12:04	12:06	4.2	Bottom	3.2	20.5	8.1	31.01	111.1	8.32		1.48		<1.0	
29/3/2025	Cloudy	Moderate	11:36	11:38	3.9	Surface	1.0	21.0	8.1	30.28	116.4	8.69	8.7	1.03	1.2	2.0	2.2
	Cloudy	Moderate	11:36	11:38	3.9	Surface	1.0	21.0	8.1	30.28	116.3	8.69		1.06		1.8	
	Cloudy	Moderate	11:36	11:38	3.9	Bottom	2.9	20.9	8.1	30.26	114.7	8.58	8.6	1.36		2.2	
	Cloudy	Moderate	11:36	11:38	3.9	Bottom	2.9	20.9	8.1	30.26	114.6	8.57		1.32		2.9	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:06	08:08	3.6	Surface	1.0	18.3	8.0	31.50	108.7	8.50	8.5	1.80	1.8	1.0	1.3
	Cloudy	Moderate	08:06	08:08	3.6	Surface	1.0	18.3	8.0	31.50	108.5	8.50		1.80		2.0	
	Cloudy	Moderate	08:06	08:08	3.6	Bottom	2.6	18.3	8.0	31.50	108.6	8.50	8.5	1.90		<1.0	
	Cloudy	Moderate	08:06	08:08	3.6	Bottom	2.6	18.3	8.0	31.50	108.7	8.50		1.80		1.0	
4/3/2025	Cloudy	Moderate	09:06	09:08	3.1	Surface	1.0	19.8	8.1	31.60	118.2	9.00	9.0	0.60	0.6	<1.0	1.0
	Cloudy	Moderate	09:06	09:08	3.1	Surface	1.0	19.8	8.1	31.60	117.9	8.90		0.60		<1.0	
	Cloudy	Moderate	09:06	09:08	3.1	Bottom	2.1	19.7	8.1	31.60	115.3	8.80	8.8	0.60		<1.0	
	Cloudy	Moderate	09:06	09:08	3.1	Bottom	2.1	19.7	8.1	31.60	114.5	8.70		0.60		<1.0	
6/3/2025	Rainy	Moderate	09:40	09:42	3.8	Surface	1.0	18.3	8.0	31.50	99.7	7.80	7.8	2.10	2.2	3.0	3.3
	Rainy	Moderate	09:40	09:42	3.8	Surface	1.0	18.3	8.0	31.50	99.7	7.80		2.10		3.0	
	Rainy	Moderate	09:40	09:42	3.8	Bottom	2.8	18.3	8.0	31.50	99.7	7.80	7.8	2.20		3.0	
	Rainy	Moderate	09:40	09:42	3.8	Bottom	2.8	18.3	8.0	31.50	99.7	7.80		2.20		4.0	
8/3/2025	Fine	Moderate	07:40	07:42	3.2	Surface	1.0	17.8	8.0	31.00	93.8	7.40	7.4	3.30	3.5	4.0	4.5
	Fine	Moderate	07:40	07:42	3.2	Surface	1.0	17.8	8.0	31.00	93.9	7.40		3.30		4.0	
	Fine	Moderate	07:40	07:42	3.2	Bottom	2.2	17.7	8.0	30.90	92.9	7.40	7.4	3.70		5.0	
	Fine	Moderate	07:40	07:42	3.2	Bottom	2.2	17.7	8.0	30.90	92.9	7.40		3.70		5.0	
11/3/2025	Fine	Calm	16:01	16:03	3.7	Surface	1.0	19.0	8.0	31.30	102.3	7.90	7.9	1.60	2.9	6.3	6.1
	Fine	Calm	16:01	16:03	3.7	Surface	1.0	19.0	8.0	31.30	102.3	7.90		1.50		5.3	
	Fine	Calm	16:01	16:03	3.7	Bottom	2.7	18.5	7.9	31.30	93.4	7.30	7.3	4.10		6.7	
	Fine	Calm	16:01	16:03	3.7	Bottom	2.7	18.5	7.9	31.30	93.5	7.30		4.30		6.0	
13/3/2025	Fine	Calm	06:44	06:46	3.4	Surface	1.0	18.8	7.9	31.40	96.5	7.50	7.5	1.10	1.6	<1.0	1.0
	Fine	Calm	06:44	06:46	3.4	Surface	1.0	18.9	7.9	31.40	96.6	7.50		1.20		<1.0	
	Fine	Calm	06:44	06:46	3.4	Bottom	2.4	18.6	7.9	31.40	88.5	6.90	6.9	2.00		<1.0	
	Fine	Calm	06:44	06:46	3.4	Bottom	2.4	18.6	7.9	31.40	88.3	6.90		2.00		<1.0	
15/3/2025	Fine	Calm	06:23	06:25	3.3	Surface	1.0	19.9	7.9	31.30	99.7	7.60	7.6	1.60	1.8	2.8	2.2
	Fine	Calm	06:23	06:25	3.3	Surface	1.0	19.9	7.9	31.30	99.7	7.60		1.50		2.3	
	Fine	Calm	06:23	06:25	3.3	Bottom	2.3	19.6	7.9	31.30	96.7	7.40	7.4	2.10		1.6	
	Fine	Calm	06:23	06:25	3.3	Bottom	2.3	19.6	7.9	31.30	96.7	7.40		2.10		1.9	
18/3/2025	Cloudy	Moderate	08:34	08:36	3.6	Surface	1.0	18.7	7.9	31.80	95.1	7.50	7.5	2.30	2.4	3.1	3.1
	Cloudy	Moderate	08:34	08:36	3.6	Surface	1.0	18.7	7.9	31.80	95.1	7.40		2.30		2.8	
	Cloudy	Moderate	08:34	08:36	3.6	Bottom	2.6	18.7	7.9	31.80	96.0	7.50	7.5	2.40		3.6	
	Cloudy	Moderate	08:34	08:36	3.6	Bottom	2.6	18.7	7.9	31.80	96.2	7.50		2.50		2.7	
20/3/2025	Sunny	Moderate	07:49	07:53	3.6	Surface	1.0	18.8	7.9	31.13	100.3	7.89	7.9	3.85	4.0	4.6	4.5
	Sunny	Moderate	07:49	07:53	3.6	Surface	1.0	18.8	7.9	31.13	100.3	7.89		3.85		4.1	
	Sunny	Moderate	07:49	07:53	3.6	Bottom	2.6	18.4	7.9	31.10	99.2	7.86	7.9	4.13		4.6	
	Sunny	Moderate	07:49	07:53	3.6	Bottom	2.6	18.4	7.9	31.10	99.3	7.87		4.16		4.6	
22/3/2025	Cloudy	Moderate	07:00	07:02	3.8	Surface	1.0	19.4	8.0	31.23	118.3	9.15	9.2	3.56	4.6	3.0	3.0
	Cloudy	Moderate	07:00	07:02	3.8	Surface	1.0	19.4	8.0	31.23	118.2	9.15		3.57		3.2	
	Cloudy	Moderate	07:00	07:02	3.8	Bottom	2.8	18.8	7.9	31.21	101.5	7.96	8.0	5.75		2.8	
	Cloudy	Moderate	07:00	07:02	3.8	Bottom	2.8	18.8	7.9	31.21	101.6	7.95		5.71		3.0	
25/3/2025	Cloudy	Moderate	13:36	13:38	5.2	Surface	1.0	21.0	8.2	31.28	146.8	10.90	10.9	1.14	1.7	4.2	3.2
	Cloudy	Moderate	13:36	13:38	5.2	Surface	1.0	20.9	8.2	31.28	146.4	10.89		1.11		3.5	
	Cloudy	Moderate	13:36	13:38	5.2	Bottom	4.2	20.0	8.1	31.29	133.5	10.09	10.1	2.37		3.0	
	Cloudy	Moderate	13:36	13:38	5.2	Bottom	4.2	20.1	8.1	31.29	134.0	10.11		2.17		2.2	
27/3/2025	Cloudy	Moderate	15:51	15:53	5.8	Surface	1.0	21.9	8.2	30.56	144.3	10.55	10.5	0.36	3.4	<1.0	1.0
	Cloudy	Moderate	15:51	15:53	5.8	Surface	1.0	21.8	8.2	30.59	143.8	10.54		0.35		<1.0	
	Cloudy	Moderate	15:51	15:53	5.8	Bottom	4.8	20.9	8.2	30.76	128.0	9.50	9.5	6.11		<1.0	
	Cloudy	Moderate	15:51	15:53	5.8	Bottom	4.8	20.9	8.2	30.76	127.1	9.42		6.70		<1.0	
29/3/2025	Cloudy	Rough	18:13	18:15	3.6	Surface	1.0	21.0	8.1	30.41	115.7	8.63	8.6	2.19	2.4	<1.0	1.0
	Cloudy	Rough	18:13	18:15	3.6	Surface	1.0	21.0	8.1	30.41	115.6	8.62		2.20		<1.0	
	Cloudy	Rough	18:13	18:15	3.6	Bottom	2.6	21.0	8.1	30.42	114.6	8.56	8.6	2.66		<1.0	
	Cloudy	Rough	18:13	18:15	3.6	Bottom	2.6	21.0	8.1	30.42	114.5	8.55		2.47		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:41	12:42	5.8	Surface	1.0	18.5	8.0	31.50	103.5	8.00	8.0	1.80	1.9	2.0	1.3
	Cloudy	Moderate	12:41	12:42	5.8	Surface	1.0	18.5	8.0	31.50	103.4	8.00		1.90		1.0	
	Cloudy	Moderate	12:41	12:42	5.8	Bottom	4.8	18.5	8.0	31.50	101.6	7.90	7.9	2.00		1.0	
	Cloudy	Moderate	12:41	12:42	5.8	Bottom	4.8	18.5	8.0	31.50	101.3	7.90		2.00		1.0	
4/3/2025	Cloudy	Moderate	14:45	14:47	5.5	Surface	1.0	19.2	8.1	31.60	113.5	8.70	8.7	1.80	2.1	<1.0	1.0
	Cloudy	Moderate	14:45	14:47	5.5	Surface	1.0	19.1	8.1	31.60	113.0	8.70		2.10		<1.0	
	Cloudy	Moderate	14:45	14:47	5.5	Bottom	4.5	19.2	8.1	31.60	112.1	8.60	8.6	2.30		<1.0	
	Cloudy	Moderate	14:45	14:47	5.5	Bottom	4.5	19.2	8.1	31.60	112.5	8.60		2.20		<1.0	
6/3/2025	Cloudy	Moderate	16:46	16:47	5.8	Surface	1.0	18.5	8.0	31.30	97.4	7.60	7.6	0.90	2.1	3.0	3.0
	Cloudy	Moderate	16:46	16:47	5.8	Surface	1.0	18.5	8.0	31.30	97.4	7.60		1.60		3.0	
	Cloudy	Moderate	16:46	16:47	5.8	Bottom	4.8	18.6	8.0	31.40	97.6	7.60	7.6	2.70		3.0	
	Cloudy	Moderate	16:46	16:47	5.8	Bottom	4.8	18.6	8.0	31.40	97.7	7.60		3.00		3.0	
8/3/2025	Fine	Moderate	20:15	20:18	5.3	Surface	1.0	17.9	8.0	31.20	94.8	7.50	7.5	2.10	2.3	5.0	4.5
	Fine	Moderate	20:15	20:18	5.3	Surface	1.0	17.9	8.0	31.20	94.9	7.50		2.10		5.0	
	Fine	Moderate	20:15	20:18	5.3	Bottom	4.3	17.9	8.0	31.20	94.4	7.40	7.4	2.50		4.0	
	Fine	Moderate	20:15	20:18	5.3	Bottom	4.3	18.0	8.0	31.20	94.6	7.40		2.40		4.0	
11/3/2025	Cloudy	Calm	11:04	11:06	5.1	Surface	1.0	18.7	7.9	31.30	99.6	7.70	7.7	1.50	2.3	2.3	2.8
	Cloudy	Calm	11:04	11:06	5.1	Surface	1.0	18.7	7.9	31.30	99.6	7.70		1.50		2.6	
	Cloudy	Calm	11:04	11:06	5.1	Bottom	4.1	18.4	7.9	31.30	94.4	7.40	7.4	3.00		2.5	
	Cloudy	Calm	11:04	11:06	5.1	Bottom	4.1	18.4	7.9	31.30	94.5	7.40		3.00		3.8	
13/3/2025	Sunny	Calm	12:03	12:06	5.2	Surface	1.0	19.2	7.9	31.30	92.4	7.10	7.1	0.80	0.6	1.0	1.1
	Sunny	Calm	12:03	12:06	5.2	Surface	1.0	19.2	7.9	31.30	92.5	7.10		0.80		1.2	
	Sunny	Calm	12:03	12:06	5.2	Bottom	4.2	18.8	7.9	31.40	87.8	6.80	6.8	0.40		1.1	
	Sunny	Calm	12:03	12:06	5.2	Bottom	4.2	18.8	7.9	31.40	87.8	6.80		0.40		1.1	
15/3/2025	Cloudy	Moderate	12:33	12:35	5.2	Surface	1.0	20.2	7.9	31.30	103.2	7.80	7.8	1.50	1.7	1.6	1.6
	Cloudy	Moderate	12:33	12:35	5.2	Surface	1.0	20.2	7.9	31.30	103.1	7.80		1.60		1.5	
	Cloudy	Moderate	12:33	12:35	5.2	Bottom	4.2	20.2	7.9	31.30	103.0	7.80	7.8	1.90		1.6	
	Cloudy	Moderate	12:33	12:35	5.2	Bottom	4.2	20.2	7.9	31.30	103.0	7.80		1.90		1.6	
18/3/2025	Cloudy	Moderate	13:35	13:37	5.3	Surface	1.0	18.8	7.9	31.90	96.8	7.60	7.6	1.30	1.3	3.0	3.5
	Cloudy	Moderate	13:35	13:37	5.3	Surface	1.0	18.8	7.9	31.90	96.8	7.60		1.30		3.3	
	Cloudy	Moderate	13:35	13:37	5.3	Bottom	4.3	18.8	7.9	31.80	97.1	7.60	7.6	1.30		3.6	
	Cloudy	Moderate	13:35	13:37	5.3	Bottom	4.3	18.8	7.9	31.80	97.2	7.60		1.40		4.2	
20/3/2025	Sunny	Moderate	15:57	16:00	5.1	Surface	1.0	19.2	7.9	31.18	104.3	8.13	8.1	3.22	3.4	4.4	4.5
	Sunny	Moderate	15:57	16:00	5.1	Surface	1.0	19.2	7.9	31.18	104.3	8.13		3.25		4.4	
	Sunny	Moderate	15:57	16:00	5.1	Bottom	4.1	19.2	7.9	31.18	104.3	8.13	8.1	3.64		4.7	
	Sunny	Moderate	15:57	16:00	5.1	Bottom	4.1	19.2	7.9	31.18	104.3	8.13		3.66		4.6	
22/3/2025	Cloudy	Moderate	17:03	17:05	5.1	Surface	1.0	19.8	8.1	31.23	136.4	10.50	10.5	3.36	5.2	3.5	3.1
	Cloudy	Moderate	17:03	17:05	5.1	Surface	1.0	19.8	8.1	31.23	136.2	10.45		3.41		2.6	
	Cloudy	Moderate	17:03	17:05	5.1	Bottom	4.1	18.9	7.9	31.23	105.4	8.14	8.2	7.20		3.0	
	Cloudy	Moderate	17:03	17:05	5.1	Bottom	4.1	18.9	7.9	31.23	106.0	8.23		6.80		3.1	
25/3/2025	Cloudy	Moderate	20:35	20:37	5.4	Surface	1.0	20.8	8.1	31.27	135.7	10.11	10.1	1.56	2.6	3.4	3.3
	Cloudy	Moderate	20:35	20:37	5.4	Surface	1.0	20.8	8.1	31.26	135.6	10.10		1.56		2.7	
	Cloudy	Moderate	20:35	20:37	5.4	Bottom	4.4	19.6	8.1	31.31	120.4	9.16	9.2	3.69		3.6	
	Cloudy	Moderate	20:35	20:37	5.4	Bottom	4.4	19.6	8.1	31.33	120.3	9.16		3.70		3.4	
27/3/2025	Cloudy	Moderate	12:08	12:10	5.2	Surface	1.0	20.4	8.1	30.99	116.2	8.72	8.7	1.43	1.8	<1.0	1.0
	Cloudy	Moderate	12:08	12:10	5.2	Surface	1.0	20.4	8.1	30.99	116.1	8.71		1.43		<1.0	
	Cloudy	Moderate	12:08	12:10	5.2	Bottom	4.2	20.0	8.1	31.04	110.6	8.37	8.4	2.37		<1.0	
	Cloudy	Moderate	12:08	12:10	5.2	Bottom	4.2	20.1	8.1	31.04	110.9	8.37		2.12		<1.0	
29/3/2025	Cloudy	Moderate	11:49	11:52	5.5	Surface	1.0	21.0	8.1	30.32	116.9	8.72	8.7	0.91	1.9	3.4	2.9
	Cloudy	Moderate	11:49	11:52	5.5	Surface	1.0	21.0	8.1	30.32	116.8	8.71		0.93		3.8	
	Cloudy	Moderate	11:49	11:52	5.5	Bottom	4.5	20.8	8.1	30.41	111.4	8.34	8.3	2.90		2.0	
	Cloudy	Moderate	11:49	11:52	5.5	Bottom	4.5	20.8	8.1	30.41	111.5	8.35		2.91		2.2	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:10	08:12	4.8	Surface	1.0	19.3	8.0	31.40	111.1	8.50	8.5	1.20	1.4	2.0	2.0
	Cloudy	Moderate	08:10	08:12	4.8	Surface	1.0	19.2	8.0	31.40	111.1	8.50		1.20		2.0	
	Cloudy	Moderate	08:10	08:12	4.8	Bottom	3.8	18.4	8.0	31.50	107.9	8.40	8.4	1.70		2.0	
	Cloudy	Moderate	08:10	08:12	4.8	Bottom	3.8	18.4	8.0	31.50	107.9	8.40		1.60		2.0	
4/3/2025	Cloudy	Moderate	09:12	09:14	5.5	Surface	1.0	19.6	8.1	31.60	119.6	9.10	9.1	0.60	1.0	1.0	1.0
	Cloudy	Moderate	09:12	09:14	5.5	Surface	1.0	19.6	8.1	31.60	119.5	9.10		0.60		<1.0	
	Cloudy	Moderate	09:12	09:14	5.5	Bottom	4.5	19.2	8.1	31.60	114.0	8.70	8.7	1.50		<1.0	
	Cloudy	Moderate	09:12	09:14	5.5	Bottom	4.5	19.3	8.1	31.60	114.3	8.70		1.30		<1.0	
6/3/2025	Rainy	Moderate	09:45	09:47	5.5	Surface	1.0	18.3	8.0	31.50	99.6	7.80	7.8	2.50	2.8	4.0	3.3
	Rainy	Moderate	09:45	09:47	5.5	Surface	1.0	18.3	8.0	31.50	99.5	7.80		2.60		3.0	
	Rainy	Moderate	09:45	09:47	5.5	Bottom	4.5	18.4	8.0	31.60	98.3	7.60	7.7	3.00		3.0	
	Rainy	Moderate	09:45	09:47	5.5	Bottom	4.5	18.4	8.0	31.60	98.5	7.70		2.90		3.0	
8/3/2025	Fine	Moderate	07:49	07:51	5.8	Surface	1.0	17.8	8.0	31.20	93.7	7.40	7.4	1.90	2.1	3.0	5.0
	Fine	Moderate	07:49	07:51	5.8	Surface	1.0	17.8	8.0	31.20	93.7	7.40		1.90		6.0	
	Fine	Moderate	07:49	07:51	5.8	Bottom	4.8	17.8	8.0	31.10	94.6	7.50	7.5	2.40		6.0	
	Fine	Moderate	07:49	07:51	5.8	Bottom	4.8	17.8	8.0	31.10	94.6	7.50		2.30		5.0	
11/3/2025	Fine	Calm	15:52	15:54	5.2	Surface	1.0	19.0	7.9	31.20	97.4	7.50	7.5	1.10	1.9	2.7	3.7
	Fine	Calm	15:52	15:54	5.2	Surface	1.0	19.0	7.9	31.20	97.5	7.50		1.10		3.8	
	Fine	Calm	15:52	15:54	5.2	Bottom	4.2	18.5	7.9	31.30	96.0	7.50	7.5	2.60		3.5	
	Fine	Calm	15:52	15:54	5.2	Bottom	4.2	18.5	7.9	31.30	96.2	7.50		2.70		4.7	
13/3/2025	Fine	Calm	06:53	06:56	5.6	Surface	1.0	18.9	7.9	31.40	96.1	7.40	7.4	1.10	1.6	1.3	1.1
	Fine	Calm	06:53	06:56	5.6	Surface	1.0	18.9	7.9	31.40	96.1	7.40		1.10		1.0	
	Fine	Calm	06:53	06:56	5.6	Bottom	4.6	18.6	7.9	31.40	87.2	6.80	6.8	2.00		1.1	
	Fine	Calm	06:53	06:56	5.6	Bottom	4.6	18.6	7.9	31.40	87.3	6.80		2.10		1.0	
15/3/2025	Fine	Calm	06:33	06:36	5.1	Surface	1.0	20.0	7.9	31.50	101.7	7.70	7.7	0.90	1.1	3.0	2.6
	Fine	Calm	06:33	06:36	5.1	Surface	1.0	20.1	7.9	31.50	101.7	7.70		1.00		2.4	
	Fine	Calm	06:33	06:36	5.1	Bottom	4.1	19.8	7.9	31.40	97.4	7.40	7.4	1.20		2.4	
	Fine	Calm	06:33	06:36	5.1	Bottom	4.1	19.8	7.9	31.40	97.4	7.40		1.20		2.5	
18/3/2025	Cloudy	Moderate	08:39	08:41	5.1	Surface	1.0	18.7	7.9	31.80	94.9	7.40	7.4	2.30	2.4	2.9	2.8
	Cloudy	Moderate	08:39	08:41	5.1	Surface	1.0	18.7	7.9	31.80	94.9	7.40		2.30		3.4	
	Cloudy	Moderate	08:39	08:41	5.1	Bottom	4.1	18.7	7.9	31.80	95.9	7.50	7.5	2.50		2.7	
	Cloudy	Moderate	08:39	08:41	5.1	Bottom	4.1	18.7	7.9	31.80	96.1	7.50		2.60		2.2	
20/3/2025	Sunny	Moderate	08:02	08:05	5.1	Surface	1.0	18.7	7.9	31.19	101.7	8.01	8.0	2.44	3.2	5.0	4.8
	Sunny	Moderate	08:02	08:05	5.1	Surface	1.0	18.6	7.9	31.19	101.6	8.02		2.46		4.5	
	Sunny	Moderate	08:02	08:05	5.1	Bottom	4.1	18.5	7.9	31.19	101.4	8.02	8.0	3.97		4.9	
	Sunny	Moderate	08:02	08:05	5.1	Bottom	4.1	18.5	7.9	31.19	101.5	8.03		3.99		4.6	
22/3/2025	Cloudy	Moderate	07:04	07:06	5.3	Surface	1.0	19.6	8.1	31.22	123.3	9.50	9.5	3.52	6.5	2.9	2.8
	Cloudy	Moderate	07:04	07:06	5.3	Surface	1.0	19.6	8.1	31.24	115.6	9.40		3.67		3.0	
	Cloudy	Moderate	07:04	07:06	5.3	Bottom	4.3	18.8	7.9	31.22	95.6	7.50	7.5	9.45		2.2	
	Cloudy	Moderate	07:04	07:06	5.3	Bottom	4.3	18.8	7.9	31.22	95.7	7.40		9.25		3.1	
25/3/2025	Cloudy	Moderate	13:40	13:42	5.7	Surface	1.0	20.4	8.2	31.28	145.1	10.90	10.9	1.16	3.8	1.9	2.5
	Cloudy	Moderate	13:40	13:42	5.7	Surface	1.0	20.4	8.2	31.27	144.8	10.88		1.15		2.7	
	Cloudy	Moderate	13:40	13:42	5.7	Bottom	4.7	19.6	8.1	31.33	126.5	9.63	9.7	6.49		3.0	
	Cloudy	Moderate	13:40	13:42	5.7	Bottom	4.7	19.6	8.1	31.33	127.2	9.69		6.44		2.4	
27/3/2025	Cloudy	Moderate	15:43	15:45	5.7	Surface	1.0	21.7	8.2	30.65	147.8	10.82	10.8	0.35	1.3	1.3	1.1
	Cloudy	Moderate	15:43	15:45	5.7	Surface	1.0	21.6	8.2	30.67	147.5	10.82		0.42		<1.0	
	Cloudy	Moderate	15:43	15:45	5.7	Bottom	4.7	20.7	8.1	30.82	136.0	10.14	10.1	2.08		<1.0	
	Cloudy	Moderate	15:43	15:45	5.7	Bottom	4.7	20.7	8.1	30.83	135.9	10.14		2.37		<1.0	
29/3/2025	Cloudy	Rough	18:03	18:05	5.2	Surface	1.0	20.9	8.1	30.40	112.6	8.42	8.4	2.25	2.5	3.1	3.0
	Cloudy	Rough	18:03	18:05	5.2	Surface	1.0	20.9	8.1	30.41	112.6	8.42		2.43		2.8	
	Cloudy	Rough	18:03	18:05	5.2	Bottom	4.2	20.7	8.1	30.45	109.1	8.19	8.2	2.71		3.2	
	Cloudy	Rough	18:03	18:05	5.2	Bottom	4.2	20.7	8.1	30.44	108.9	8.17		2.79		3.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:34	12:36	2.0	Middle	1.0	19.2	7.9	31.50	101.7	7.80	7.8	1.30	1.3	1.0	1.0
	Cloudy	Moderate	12:34	12:36	2.0	Middle	1.0	19.2	7.9	31.40	101.3	7.80		1.30		1.0	
4/3/2025	Cloudy	Moderate	14:39	14:41	2.6	Middle	1.3	19.6	8.1	31.60	117.7	8.90	8.9	0.40	0.5	<1.0	1.0
	Cloudy	Moderate	14:39	14:41	2.6	Middle	1.3	19.6	8.1	31.60	117.5	8.90		0.50		<1.0	
6/3/2025	Cloudy	Moderate	16:40	16:42	2.3	Middle	1.2	18.5	8.0	31.30	97.8	7.60	7.6	0.10	0.2	3.0	3.0
	Cloudy	Moderate	16:40	16:42	2.3	Middle	1.2	18.5	8.0	31.30	97.7	7.60		0.20		3.0	
8/3/2025	Fine	Moderate	20:07	20:09	2.6	Middle	1.3	17.9	8.0	31.30	93.8	7.40	7.4	3.00	3.0	4.0	4.0
	Fine	Moderate	20:07	20:09	2.6	Middle	1.3	17.9	8.0	31.30	93.8	7.40		3.00		4.0	
11/3/2025	Cloudy	Calm	11:26	11:28	2.3	Middle	1.2	18.6	7.9	31.30	93.3	7.20	7.3	1.00	1.0	4.5	4.1
	Cloudy	Calm	11:26	11:28	2.3	Middle	1.2	18.6	7.9	31.30	93.5	7.30		1.00		3.6	
13/3/2025	Sunny	Calm	11:54	11:56	2.7	Middle	1.4	19.4	8.0	31.40	101.7	7.80	7.8	0.80	0.8	<1.0	1.0
	Sunny	Calm	11:54	11:56	2.7	Middle	1.4	19.4	8.0	31.40	101.7	7.80		0.80		<1.0	
15/3/2025	Cloudy	Moderate	12:24	12:26	2.7	Middle	1.4	19.7	7.9	31.40	93.6	7.10	7.1	1.70	1.7	<1.0	1.0
	Cloudy	Moderate	12:24	12:26	2.7	Middle	1.4	19.7	7.9	31.40	93.7	7.10		1.70		<1.0	
18/3/2025	Cloudy	Moderate	13:30	13:32	2.8	Middle	1.4	18.7	7.9	31.90	97.8	7.70	7.7	2.80	2.8	4.0	4.3
	Cloudy	Moderate	13:30	13:32	2.8	Middle	1.4	18.7	7.9	31.90	97.8	7.70		2.80		4.6	
20/3/2025	Sunny	Moderate	15:43	15:46	2.4	Middle	1.2	18.9	7.9	31.18	103.5	8.11	8.1	3.45	3.4	4.0	4.3
	Sunny	Moderate	15:43	15:46	2.4	Middle	1.2	18.9	7.9	31.18	103.5	8.11		3.43		4.6	
22/3/2025	Cloudy	Moderate	16:58	17:00	2.5	Middle	1.3	20.1	8.1	31.23	136.5	10.43	10.4	2.92	2.9	3.6	3.3
	Cloudy	Moderate	16:58	17:00	2.5	Middle	1.3	20.1	8.1	31.24	136.2	10.41		2.95		2.9	
25/3/2025	Cloudy	Moderate	20:27	20:29	2.4	Middle	1.2	20.8	8.2	31.22	146.2	10.89	10.9	4.36	4.8	3.0	3.4
	Cloudy	Moderate	20:27	20:29	2.4	Middle	1.2	20.8	8.2	31.22	146.2	10.89		5.18		3.8	
27/3/2025	Cloudy	Moderate	12:15	12:17	2.5	Middle	1.3	20.4	8.1	31.07	120.0	8.98	9.0	1.42	1.4	<1.0	1.0
	Cloudy	Moderate	12:15	12:17	2.5	Middle	1.3	20.5	8.1	31.07	120.0	8.98		1.43		<1.0	
29/3/2025	Cloudy	Moderate	11:59	12:01	2.8	Middle	1.4	21.0	8.1	30.47	114.7	8.56	8.6	2.96	2.9	2.1	2.3
	Cloudy	Moderate	11:59	12:01	2.8	Middle	1.4	21.0	8.1	30.47	114.7	8.55		2.76		2.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:18	08:20	2.7	Middle	1.4	18.6	8.0	31.50	103.3	8.00	8.0	2.00	2.0	2.0	2.5
	Cloudy	Moderate	08:18	08:20	2.7	Middle	1.4	18.6	8.0	31.50	103.0	8.00		2.00		3.0	
4/3/2025	Cloudy	Moderate	09:18	09:20	2.4	Middle	1.2	19.6	8.1	31.70	116.9	8.90	8.9	0.60	0.6	<1.0	1.0
	Cloudy	Moderate	09:18	09:20	2.4	Middle	1.2	19.7	8.1	31.70	116.6	8.90		0.60		<1.0	
6/3/2025	Rainy	Moderate	09:51	09:53	2.9	Middle	1.5	18.1	8.0	31.40	98.8	7.70	7.7	2.20	2.3	3.0	3.0
	Rainy	Moderate	09:51	09:53	2.9	Middle	1.5	18.1	8.0	31.40	98.8	7.70		2.30		3.0	
8/3/2025	Fine	Moderate	08:04	08:06	2.5	Middle	1.3	17.9	8.0	31.20	93.4	7.40	7.4	2.60	2.7	4.0	4.0
	Fine	Moderate	08:04	08:06	2.5	Middle	1.3	17.9	8.0	31.20	93.5	7.40		2.70		4.0	
11/3/2025	Fine	Calm	15:45	15:47	2.7	Middle	1.4	18.6	7.9	31.30	95.5	7.40	7.4	1.00	1.0	4.1	4.3
	Fine	Calm	15:45	15:47	2.7	Middle	1.4	18.6	7.9	31.30	95.6	7.40		1.00		4.5	
13/3/2025	Fine	Calm	07:11	07:13	2.4	Middle	1.2	18.7	7.9	31.40	90.4	7.00	7.0	1.10	1.1	<1.0	1.0
	Fine	Calm	07:11	07:13	2.4	Middle	1.2	18.7	7.9	31.40	90.5	7.00		1.10		<1.0	
15/3/2025	Fine	Calm	06:45	06:47	2.4	Middle	1.2	19.9	7.9	31.50	98.3	7.40	7.4	1.20	1.2	1.7	1.8
	Fine	Calm	06:45	06:47	2.4	Middle	1.2	19.9	7.9	31.50	98.3	7.40		1.20		1.9	
18/3/2025	Cloudy	Moderate	08:45	08:47	2.7	Middle	1.4	18.8	7.9	31.90	95.4	7.50	7.5	1.10	1.1	2.3	2.7
	Cloudy	Moderate	08:45	08:47	2.7	Middle	1.4	18.8	7.9	31.90	95.5	7.50		1.10		3.0	
20/3/2025	Sunny	Moderate	08:11	08:13	2.5	Middle	1.3	18.8	7.9	31.18	101.6	7.99	8.0	4.16	4.2	4.7	4.4
	Sunny	Moderate	08:11	08:13	2.5	Middle	1.3	18.8	7.9	31.18	101.6	7.99		4.19		4.0	
22/3/2025	Cloudy	Moderate	07:18	07:20	2.5	Middle	1.3	19.2	7.9	31.32	95.4	7.32	7.3	4.03	4.1	3.3	3.4
	Cloudy	Moderate	07:18	07:20	2.5	Middle	1.3	19.2	7.9	31.33	95.5	7.33		4.23		3.4	
25/3/2025	Cloudy	Moderate	13:47	13:49	2.2	Middle	1.1	20.5	8.2	31.27	147.3	11.03	11.0	0.83	0.8	2.0	1.9
	Cloudy	Moderate	13:47	13:49	2.2	Middle	1.1	20.5	8.2	31.27	147.0	11.01		0.82		1.8	
27/3/2025	Cloudy	Moderate	15:37	15:38	2.3	Middle	1.2	22.5	8.2	30.53	143.4	10.39	10.4	0.32	0.4	<1.0	1.0
	Cloudy	Moderate	15:37	15:38	2.3	Middle	1.2	22.5	8.2	30.52	143.4	10.39		0.40		<1.0	
29/3/2025	Cloudy	Rough	17:51	17:54	2.4	Middle	1.2	21.1	8.1	30.42	115.8	8.63	8.6	1.33	1.3	<1.0	1.0
	Cloudy	Rough	17:51	17:54	2.4	Middle	1.2	21.1	8.1	30.42	115.8	8.63		1.31		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:26	12:28	3.6	Surface	1.0	19.0	8.0	31.50	106.9	8.20	8.2	0.90	0.9	3.0	2.5
	Cloudy	Moderate	12:26	12:28	3.6	Surface	1.0	19.0	8.0	31.50	106.7	8.20		0.90		2.0	
	Cloudy	Moderate	12:26	12:28	3.6	Bottom	2.6	19.0	8.0	31.50	105.7	8.10	8.1	0.90		2.0	
	Cloudy	Moderate	12:26	12:28	3.6	Bottom	2.6	19.0	8.0	31.50	105.4	8.10		0.90		3.0	
4/3/2025	Cloudy	Moderate	14:31	14:33	3.4	Surface	1.0	19.7	8.1	31.80	117.8	8.90	8.9	4.70	5.4	<1.0	1.0
	Cloudy	Moderate	14:31	14:33	3.4	Surface	1.0	19.7	8.1	31.80	117.8	8.90		4.70		<1.0	
	Cloudy	Moderate	14:31	14:33	3.4	Bottom	2.4	19.5	8.1	31.70	116.0	8.80	8.8	5.00		<1.0	
	Cloudy	Moderate	14:31	14:33	3.4	Bottom	2.4	19.5	8.2	31.70	115.7	8.80		7.30		<1.0	
6/3/2025	Cloudy	Moderate	16:33	16:35	5.3	Surface	1.0	18.5	8.0	31.30	97.7	7.60	7.6	0.40	0.5	3.0	2.8
	Cloudy	Moderate	16:33	16:35	5.3	Surface	1.0	18.5	8.0	31.30	97.7	7.60		0.50		3.0	
	Cloudy	Moderate	16:33	16:35	5.3	Bottom	4.3	18.5	8.0	31.30	97.9	7.60	7.6	0.50		3.0	
	Cloudy	Moderate	16:33	16:35	5.3	Bottom	4.3	18.5	8.0	31.30	97.9	7.60		0.50		2.0	
8/3/2025	Fine	Moderate	19:52	19:55	3.9	Surface	1.0	18.0	8.0	31.20	98.1	7.70	7.7	1.00	1.2	7.0	5.5
	Fine	Moderate	19:52	19:55	3.9	Surface	1.0	18.0	8.0	31.20	98.1	7.70		1.00		5.0	
	Fine	Moderate	19:52	19:55	3.9	Bottom	2.9	17.9	8.0	31.30	95.4	7.50	7.5	1.40		5.0	
	Fine	Moderate	19:52	19:55	3.9	Bottom	2.9	17.9	8.0	31.30	95.4	7.50		1.50		5.0	
11/3/2025	Cloudy	Calm	11:41	11:43	3.6	Surface	1.0	18.9	8.0	31.30	101.5	7.80	7.8	0.40	0.3	2.7	3.1
	Cloudy	Calm	11:41	11:43	3.6	Surface	1.0	18.9	8.0	31.30	101.4	7.80		0.50		2.8	
	Cloudy	Calm	11:41	11:43	3.6	Bottom	2.6	18.9	8.0	31.30	101.2	7.80	7.8	0.20		4.1	
	Cloudy	Calm	11:41	11:43	3.6	Bottom	2.6	18.9	8.0	31.30	101.2	7.80		0.20		2.8	
13/3/2025	Sunny	Calm	11:41	11:43	3.7	Surface	1.0	19.2	8.0	31.40	101.5	7.80	7.8	0.60	0.7	1.1	1.1
	Sunny	Calm	11:41	11:43	3.7	Surface	1.0	19.2	8.0	31.40	101.4	7.80		0.70		1.1	
	Sunny	Calm	11:41	11:43	3.7	Bottom	2.7	19.0	7.9	31.40	95.7	7.40	7.4	0.70		1.1	
	Sunny	Calm	11:41	11:43	3.7	Bottom	2.7	19.0	8.0	31.40	95.7	7.40		0.70		1.1	
15/3/2025	Cloudy	Moderate	12:14	12:16	3.8	Surface	1.0	20.0	7.9	31.40	103.9	7.80	7.8	1.10	1.9	<1.0	1.2
	Cloudy	Moderate	12:14	12:16	3.8	Surface	1.0	20.1	7.9	31.40	103.9	7.80		1.20		<1.0	
	Cloudy	Moderate	12:14	12:16	3.8	Bottom	2.8	20.0	7.9	31.40	97.6	7.40	7.4	2.70		1.6	
	Cloudy	Moderate	12:14	12:16	3.8	Bottom	2.8	20.0	7.9	31.40	97.7	7.40		2.60		1.1	
18/3/2025	Cloudy	Moderate	13:20	13:22	5.3	Surface	1.0	18.8	7.9	31.90	95.3	7.50	7.5	1.90	2.0	2.4	3.2
	Cloudy	Moderate	13:20	13:22	5.3	Surface	1.0	18.8	7.9	31.90	95.3	7.40		2.00		3.7	
	Cloudy	Moderate	13:20	13:22	5.3	Bottom	4.3	18.8	7.9	31.80	95.3	7.40	7.5	2.00		3.8	
	Cloudy	Moderate	13:20	13:22	5.3	Bottom	4.3	18.8	7.9	31.80	95.4	7.50		2.00		3.0	
20/3/2025	Sunny	Moderate	15:27	15:29	3.6	Surface	1.0	19.1	7.9	31.22	104.2	8.14	8.1	2.72	2.6	4.2	4.4
	Sunny	Moderate	15:27	15:29	3.6	Surface	1.0	19.1	7.9	31.22	104.2	8.14		2.78		4.4	
	Sunny	Moderate	15:27	15:29	3.6	Bottom	2.6	19.0	7.9	31.22	103.2	8.08	8.1	2.52		4.5	
	Sunny	Moderate	15:27	15:29	3.6	Bottom	2.6	19.0	7.9	31.22	103.2	8.08		2.52		4.4	
22/3/2025	Cloudy	Moderate	16:46	16:48	5.1	Surface	1.0	19.8	8.1	31.33	116.0	8.91	8.9	1.63	1.5	3.3	3.2
	Cloudy	Moderate	16:46	16:48	5.1	Surface	1.0	19.7	8.1	31.33	115.5	8.90		1.62		2.9	
	Cloudy	Moderate	16:46	16:48	5.1	Bottom	4.1	19.5	8.1	31.34	106.0	8.09	8.1	1.40		3.1	
	Cloudy	Moderate	16:46	16:48	5.1	Bottom	4.1	19.5	8.1	31.35	105.5	8.14		1.39		3.3	
25/3/2025	Cloudy	Moderate	20:19	20:21	5.8	Surface	1.0	20.7	8.2	31.27	148.5	11.09	11.1	0.84	1.0	2.5	2.3
	Cloudy	Moderate	20:19	20:21	5.8	Surface	1.0	20.7	8.2	31.27	148.5	11.09		0.84		1.8	
	Cloudy	Moderate	20:19	20:21	5.8	Bottom	4.8	20.1	8.1	31.25	128.0	9.66	9.7	1.11		2.3	
	Cloudy	Moderate	20:19	20:21	5.8	Bottom	4.8	20.1	8.1	31.24	129.0	9.73		1.06		2.4	
27/3/2025	Cloudy	Moderate	12:24	12:26	4.2	Surface	1.0	20.3	8.1	31.06	114.7	8.62	8.6	1.32	1.3	<1.0	1.0
	Cloudy	Moderate	12:24	12:26	4.2	Surface	1.0	20.3	8.1	31.05	114.7	8.62		1.33		<1.0	
	Cloudy	Moderate	12:24	12:26	4.2	Bottom	3.2	20.2	8.1	31.07	110.8	8.34	8.3	1.35		<1.0	
	Cloudy	Moderate	12:24	12:26	4.2	Bottom	3.2	20.2	8.1	31.07	110.5	8.32		1.35		<1.0	
29/3/2025	Cloudy	Moderate	12:12	12:15	3.9	Surface	1.0	21.4	8.1	30.39	116.3	8.62	8.6	0.47	0.9	2.4	2.3
	Cloudy	Moderate	12:12	12:15	3.9	Surface	1.0	21.4	8.1	30.39	116.3	8.62		0.52		2.2	
	Cloudy	Moderate	12:12	12:15	3.9	Bottom	2.9	20.9	8.1	30.54	108.1	8.08	8.1	1.22		2.5	
	Cloudy	Moderate	12:12	12:15	3.9	Bottom	2.9	20.9	8.1	30.55	108.1	8.08		1.25		2.1	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:27	08:29	3.3	Surface	1.0	19.1	8.0	31.50	107.8	8.30	8.3	1.00	1.0	2.0	2.8
	Cloudy	Moderate	08:27	08:29	3.3	Surface	1.0	19.1	8.0	31.50	107.5	8.30		1.00		2.0	
	Cloudy	Moderate	08:27	08:29	3.3	Bottom	2.3	19.0	8.0	31.50	104.6	8.10	8.1	0.90		3.0	
	Cloudy	Moderate	08:27	08:29	3.3	Bottom	2.3	19.0	8.0	31.50	104.1	8.00		0.90		4.0	
4/3/2025	Cloudy	Moderate	09:25	09:27	3.7	Surface	1.0	19.5	8.1	31.60	118.1	9.00	9.0	0.50	0.5	<1.0	1.0
	Cloudy	Moderate	09:25	09:27	3.7	Surface	1.0	19.5	8.1	31.60	118.1	9.00		0.50		<1.0	
	Cloudy	Moderate	09:25	09:27	3.7	Bottom	2.7	19.4	8.1	31.70	114.2	8.70	8.7	0.50		<1.0	
	Cloudy	Moderate	09:25	09:27	3.7	Bottom	2.7	19.4	8.1	31.70	113.9	8.70		0.50		<1.0	
6/3/2025	Rainy	Moderate	10:01	10:03	4.5	Surface	1.0	18.3	8.0	31.50	99.3	7.70	7.7	2.30	2.6	3.0	3.0
	Rainy	Moderate	10:01	10:03	4.5	Surface	1.0	18.3	8.0	31.50	99.1	7.70		2.60		3.0	
	Rainy	Moderate	10:01	10:03	4.5	Bottom	3.5	18.4	8.0	31.60	98.1	7.60	7.6	2.70		3.0	
	Rainy	Moderate	10:01	10:03	4.5	Bottom	3.5	18.4	8.0	31.60	98.2	7.60		2.80		3.0	
8/3/2025	Fine	Moderate	08:17	08:20	3.7	Surface	1.0	17.9	8.0	31.30	95.7	7.50	7.5	3.60	3.8	4.0	4.0
	Fine	Moderate	08:17	08:20	3.7	Surface	1.0	17.9	8.0	31.30	95.7	7.50		3.70		4.0	
	Fine	Moderate	08:17	08:20	3.7	Bottom	2.7	17.9	8.0	31.30	95.2	7.50	7.5	3.80		4.0	
	Fine	Moderate	08:17	08:20	3.7	Bottom	2.7	17.9	8.0	31.30	95.2	7.50		3.90		4.0	
11/3/2025	Fine	Calm	15:33	15:35	4.1	Surface	1.0	18.9	8.0	31.30	100.8	7.80	7.8	0.10	0.2	4.3	4.0
	Fine	Calm	15:33	15:35	4.1	Surface	1.0	18.9	8.0	31.30	100.7	7.80		0.10		3.3	
	Fine	Calm	15:33	15:35	4.1	Bottom	3.1	18.7	7.9	31.30	97.5	7.60	7.6	0.30		4.0	
	Fine	Calm	15:33	15:35	4.1	Bottom	3.1	18.7	7.9	31.30	97.6	7.60		0.30		4.4	
13/3/2025	Fine	Calm	07:20	07:24	3.7	Surface	1.0	19.4	8.0	31.40	103.8	7.90	7.9	1.00	0.9	1.1	1.1
	Fine	Calm	07:20	07:24	3.7	Surface	1.0	19.5	8.0	31.40	103.8	7.90		1.00		1.2	
	Fine	Calm	07:20	07:24	3.7	Bottom	2.7	18.9	7.9	31.40	86.6	6.70	6.7	0.80		1.2	
	Fine	Calm	07:20	07:24	3.7	Bottom	2.7	18.9	7.9	31.40	86.6	6.70		0.90		1.0	
15/3/2025	Fine	Calm	06:56	06:59	3.6	Surface	1.0	20.1	7.9	31.50	103.0	7.80	7.8	0.70	0.8	<1.0	1.3
	Fine	Calm	06:56	06:59	3.6	Surface	1.0	20.1	7.9	31.50	103.1	7.80		0.70		<1.0	
	Fine	Calm	06:56	06:59	3.6	Bottom	2.6	19.7	7.9	31.40	99.2	7.50	7.5	0.90		1.7	
	Fine	Calm	06:56	06:59	3.6	Bottom	2.6	19.7	7.9	31.40	99.2	7.50		0.90		1.6	
18/3/2025	Cloudy	Moderate	08:55	08:57	4.1	Surface	1.0	18.6	7.9	32.00	93.6	7.30	7.3	0.20	0.2	2.4	3.4
	Cloudy	Moderate	08:55	08:57	4.1	Surface	1.0	18.6	7.9	32.00	93.6	7.30		0.20		3.2	
	Cloudy	Moderate	08:55	08:57	4.1	Bottom	3.1	18.5	7.9	32.00	93.8	7.40	7.4	0.20		4.4	
	Cloudy	Moderate	08:55	08:57	4.1	Bottom	3.1	18.5	7.9	32.00	93.9	7.40		0.20		3.7	
20/3/2025	Sunny	Moderate	08:23	08:25	3.8	Surface	1.0	19.0	7.9	31.27	102.4	8.02	8.0	2.46	2.4	4.4	4.6
	Sunny	Moderate	08:23	08:25	3.8	Surface	1.0	19.0	7.9	31.27	102.3	8.01		2.45		4.6	
	Sunny	Moderate	08:23	08:25	3.8	Bottom	2.8	18.7	7.9	31.28	99.3	7.82	7.8	2.38		4.9	
	Sunny	Moderate	08:23	08:25	3.8	Bottom	2.8	18.7	7.9	31.28	99.3	7.82		2.39		4.6	
22/3/2025	Cloudy	Moderate	07:23	07:25	4.2	Surface	1.0	19.1	7.9	31.30	93.9	7.22	7.3	3.63	2.7	2.7	3.1
	Cloudy	Moderate	07:23	07:25	4.2	Surface	1.0	19.1	7.9	31.30	95.0	7.30		3.72		3.2	
	Cloudy	Moderate	07:23	07:25	4.2	Bottom	3.2	19.4	8.0	31.31	110.3	8.54	8.5	1.82		3.0	
	Cloudy	Moderate	07:23	07:25	4.2	Bottom	3.2	19.4	8.0	31.31	109.9	8.49		1.79		3.4	
25/3/2025	Cloudy	Moderate	13:56	13:58	5.4	Surface	1.0	20.8	8.2	31.31	142.2	10.59	10.6	0.99	1.4	2.5	2.1
	Cloudy	Moderate	13:56	13:58	5.4	Surface	1.0	20.8	8.2	31.31	142.0	10.57		1.01		1.6	
	Cloudy	Moderate	13:56	13:58	5.4	Bottom	4.4	20.6	8.1	31.31	136.7	10.22	10.0	1.83		1.8	
	Cloudy	Moderate	13:56	13:58	5.4	Bottom	4.4	20.6	8.1	31.26	132.0	9.87		1.72		2.6	
27/3/2025	Cloudy	Moderate	15:27	15:29	5.9	Surface	1.0	21.8	8.2	30.80	142.7	10.45	10.4	0.32	3.4	<1.0	1.0
	Cloudy	Moderate	15:27	15:29	5.9	Surface	1.0	21.8	8.1	30.78	142.4	10.43		0.33		<1.0	
	Cloudy	Moderate	15:27	15:29	5.9	Bottom	4.9	20.3	8.1	31.04	130.7	9.82	9.8	6.93		<1.0	
	Cloudy	Moderate	15:27	15:29	5.9	Bottom	4.9	20.3	8.1	31.04	131.0	9.85		6.18		<1.0	
29/3/2025	Cloudy	Rough	17:37	17:39	3.6	Surface	1.0	20.8	8.1	30.41	113.1	8.48	8.5	2.63	2.9	<1.0	1.0
	Cloudy	Rough	17:37	17:39	3.6	Surface	1.0	20.8	8.1	30.41	113.1	8.47		2.60		<1.0	
	Cloudy	Rough	17:37	17:39	3.6	Bottom	2.6	20.7	8.1	30.44	110.4	8.28	8.3	3.11		<1.0	
	Cloudy	Rough	17:37	17:39	3.6	Bottom	2.6	20.7	8.1	30.44	110.3	8.28		3.16		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:13	12:14	2.3	Middle	1.2	19.0	8.0	31.50	109.6	8.40	8.4	0.70	0.7	<1.0	1.0
	Cloudy	Moderate	12:13	12:14	2.3	Middle	1.2	19.0	8.0	31.50	109.5	8.40		0.70		1.0	
4/3/2025	Cloudy	Moderate	14:21	14:23	2.1	Middle	1.1	19.7	8.1	31.60	115.4	8.80	8.8	0.40	0.4	<1.0	1.0
	Cloudy	Moderate	14:21	14:23	2.1	Middle	1.1	19.7	8.1	31.60	115.2	8.80		0.40		<1.0	
6/3/2025	Cloudy	Moderate	16:19	16:20	2.4	Middle	1.2	18.5	8.0	31.30	98.2	7.60	7.6	0.20	0.2	3.0	3.0
	Cloudy	Moderate	16:19	16:20	2.4	Middle	1.2	18.5	8.0	31.30	98.1	7.60		0.20		3.0	
8/3/2025	Fine	Moderate	19:43	19:45	2.9	Middle	1.5	17.9	8.0	31.30	94.7	7.50	7.5	2.20	2.2	6.0	6.0
	Fine	Moderate	19:43	19:45	2.9	Middle	1.5	17.9	8.0	31.30	94.8	7.50		2.20		6.0	
11/3/2025	Cloudy	Calm	11:47	11:49	2.6	Middle	1.3	18.9	8.0	31.30	101.3	7.80	7.8	0.40	0.4	5.4	5.2
	Cloudy	Calm	11:47	11:49	2.6	Middle	1.3	18.9	8.0	31.30	101.4	7.80		0.40		5.0	
13/3/2025	Sunny	Calm	11:29	11:31	2.8	Middle	1.4	19.0	8.0	31.40	96.8	7.40	7.4	0.80	0.9	<1.0	1.0
	Sunny	Calm	11:29	11:31	2.8	Middle	1.4	19.0	8.0	31.40	96.8	7.40		0.90		<1.0	
15/3/2025	Cloudy	Moderate	12:05	12:08	2.8	Middle	1.4	20.3	7.9	31.40	104.2	7.80	7.8	0.80	0.8	<1.0	1.2
	Cloudy	Moderate	12:05	12:08	2.8	Middle	1.4	20.3	7.9	31.40	104.2	7.80		0.80		1.4	
18/3/2025	Cloudy	Moderate	13:16	13:18	2.8	Middle	1.4	18.5	7.9	32.00	94.9	7.50	7.5	0.20	0.2	3.6	3.6
	Cloudy	Moderate	13:16	13:18	2.8	Middle	1.4	18.5	7.9	32.00	95.1	7.50		0.10		3.5	
20/3/2025	Sunny	Moderate	15:18	15:20	2.7	Middle	1.4	18.9	7.9	31.23	101.6	7.97	8.0	3.46	3.5	4.5	4.6
	Sunny	Moderate	15:18	15:20	2.7	Middle	1.4	18.9	7.9	31.23	101.6	7.97		3.49		4.7	
22/3/2025	Cloudy	Moderate	16:35	16:36	2.3	Middle	1.2	19.8	8.0	31.30	121.7	9.34	9.3	5.50	5.5	3.3	3.3
	Cloudy	Moderate	16:35	16:36	2.3	Middle	1.2	19.7	8.0	31.30	121.1	9.30		5.52		3.2	
25/3/2025	Cloudy	Moderate	20:15	20:17	2.8	Middle	1.4	20.8	8.2	31.26	147.3	10.98	11.0	1.06	1.0	1.9	1.6
	Cloudy	Moderate	20:15	20:17	2.8	Middle	1.4	20.8	8.2	31.26	146.7	10.92		1.03		1.2	
27/3/2025	Cloudy	Moderate	12:30	12:32	2.9	Middle	1.5	20.7	8.1	31.07	117.4	8.76	8.8	1.49	1.5	<1.0	1.0
	Cloudy	Moderate	12:30	12:32	2.9	Middle	1.5	20.8	8.1	31.10	117.4	8.74		1.47		<1.0	
29/3/2025	Cloudy	Moderate	12:21	12:23	2.8	Middle	1.4	21.5	8.1	30.40	115.5	8.54	8.5	1.71	1.7	2.2	2.0
	Cloudy	Moderate	12:21	12:23	2.8	Middle	1.4	21.5	8.1	30.40	115.5	8.54		1.76		1.8	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:30	08:32	2.4	Middle	1.2	19.1	7.9	31.50	104.0	8.00	8.0	0.90	0.9	1.0	1.0
	Cloudy	Moderate	08:30	08:32	2.4	Middle	1.2	19.1	7.9	31.50	103.6	8.00		0.90		1.0	
4/3/2025	Cloudy	Moderate	09:33	09:35	2.8	Middle	1.4	19.9	8.1	31.70	110.9	8.40	8.4	0.60	0.6	<1.0	1.0
	Cloudy	Moderate	09:33	09:35	2.8	Middle	1.4	20.0	8.1	31.70	110.4	8.30		0.60		<1.0	
6/3/2025	Rainy	Moderate	10:07	10:09	2.7	Middle	1.4	18.3	8.0	31.50	99.7	7.80	7.8	2.00	2.0	3.0	3.0
	Rainy	Moderate	10:07	10:09	2.7	Middle	1.4	18.3	8.0	31.50	99.6	7.80		2.00		3.0	
8/3/2025	Fine	Moderate	08:26	08:28	2.6	Middle	1.3	17.9	8.0	31.30	95.4	7.50	7.5	1.90	1.9	5.0	5.0
	Fine	Moderate	08:26	08:28	2.6	Middle	1.3	17.9	8.0	31.30	95.4	7.50		1.90		5.0	
11/3/2025	Fine	Calm	15:28	15:30	2.8	Middle	1.4	19.1	8.0	31.30	104.7	8.10	8.1	1.00	1.0	3.0	2.7
	Fine	Calm	15:28	15:30	2.8	Middle	1.4	19.1	8.0	31.30	104.8	8.10		1.00		2.3	
13/3/2025	Fine	Calm	07:32	07:35	2.6	Middle	1.3	19.3	7.9	31.40	93.8	7.20	7.2	1.00	1.0	1.0	1.1
	Fine	Calm	07:32	07:35	2.6	Middle	1.3	19.3	7.9	31.40	93.9	7.20		1.00		1.2	
15/3/2025	Fine	Calm	07:05	07:08	2.6	Middle	1.3	19.6	7.9	31.40	97.5	7.40	7.4	1.40	1.4	1.3	1.2
	Fine	Calm	07:05	07:08	2.6	Middle	1.3	19.6	7.9	31.40	97.5	7.40		1.30		<1.0	
18/3/2025	Cloudy	Moderate	08:59	09:01	2.6	Middle	1.3	18.5	7.9	32.00	95.0	7.50	7.5	0.30	0.4	3.9	3.5
	Cloudy	Moderate	08:59	09:01	2.6	Middle	1.3	18.5	7.9	32.00	95.2	7.50		0.40		3.0	
20/3/2025	Sunny	Moderate	08:34	08:37	2.8	Middle	1.4	18.7	7.9	31.28	99.6	7.84	7.8	1.77	1.8	4.2	4.4
	Sunny	Moderate	08:34	08:37	2.8	Middle	1.4	18.7	7.9	31.28	99.6	7.84		1.76		4.5	
22/3/2025	Cloudy	Moderate	07:27	07:29	2.5	Middle	1.3	19.3	8.0	31.28	101.9	7.81	7.8	1.48	1.5	2.6	2.8
	Cloudy	Moderate	07:27	07:29	2.5	Middle	1.3	19.3	8.0	31.29	101.5	7.78		1.53		2.9	
25/3/2025	Cloudy	Moderate	14:01	14:03	2.6	Middle	1.3	20.9	8.2	31.30	141.4	10.51	10.5	1.23	1.2	2.5	2.3
	Cloudy	Moderate	14:01	14:03	2.6	Middle	1.3	20.9	8.2	31.30	140.9	10.47		1.26		2.0	
27/3/2025	Cloudy	Moderate	15:17	15:19	2.4	Middle	1.2	21.5	8.2	30.70	150.5	11.09	11.1	0.11	0.1	<1.0	1.0
	Cloudy	Moderate	15:17	15:19	2.4	Middle	1.2	21.5	8.2	30.70	150.3	11.07		0.09		1.0	
29/3/2025	Cloudy	Rough	17:28	17:30	2.5	Middle	1.3	21.3	8.1	30.37	119.0	8.83	8.8	0.15	0.1	<1.0	1.0
	Cloudy	Rough	17:28	17:30	2.5	Middle	1.3	21.3	8.1	30.37	119.0	8.83		0.13		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:07	12:08	1.5	Middle	0.8	19.0	8.0	31.50	108.4	8.30	8.3	0.90	0.9	<1.0	1.0
	Cloudy	Moderate	12:07	12:08	1.5	Middle	0.8	19.0	8.0	31.50	108.2	8.30		0.90		1.0	
4/3/2025	Cloudy	Moderate	14:12	14:14	1.8	Middle	0.9	19.8	8.1	31.70	114.0	8.60	8.6	0.60	0.6	<1.0	1.0
	Cloudy	Moderate	14:12	14:14	1.8	Middle	0.9	19.7	8.1	31.70	113.9	8.60		0.60		<1.0	
6/3/2025	Cloudy	Moderate	16:13	16:14	1.8	Middle	0.9	18.5	8.0	31.30	97.8	7.60	7.6	5.50	5.4	3.0	3.0
	Cloudy	Moderate	16:13	16:14	1.8	Middle	0.9	18.5	8.0	31.30	97.8	7.60		5.30		3.0	
8/3/2025	Fine	Moderate	19:34	19:37	1.7	Middle	0.9	17.9	8.0	31.40	95.0	7.50	7.5	3.20	3.2	5.0	5.0
	Fine	Moderate	19:34	19:37	1.7	Middle	0.9	17.9	8.0	31.40	95.0	7.50		3.20		5.0	
11/3/2025	Cloudy	Calm	11:54	11:56	1.3	Middle	0.7	18.8	8.0	31.30	101.7	7.90	7.9	0.50	0.5	2.7	3.4
	Cloudy	Calm	11:54	11:56	1.3	Middle	0.7	18.8	8.0	31.30	101.6	7.90		0.50		4.0	
13/3/2025	Sunny	Calm	11:18	11:20	1.5	Middle	0.8	19.6	8.0	31.40	105.9	8.10	8.1	1.00	1.0	<1.0	1.0
	Sunny	Calm	11:18	11:20	1.5	Middle	0.8	19.6	8.0	31.40	105.7	8.10		1.00		<1.0	
15/3/2025	Cloudy	Moderate	11:56	11:58	1.4	Middle	0.7	20.0	7.9	31.40	102.3	7.70	7.7	0.70	0.8	<1.0	1.2
	Cloudy	Moderate	11:56	11:58	1.4	Middle	0.7	20.0	7.9	31.40	102.2	7.70		0.80		1.3	
18/3/2025	Cloudy	Moderate	13:09	13:11	1.2	Middle	0.6	18.5	7.9	32.00	96.0	7.50	7.5	0.10	0.1	3.8	3.6
	Cloudy	Moderate	13:09	13:11	1.2	Middle	0.6	18.5	7.9	32.00	96.1	7.50		0.10		3.4	
20/3/2025	Sunny	Moderate	15:11	15:13	1.4	Middle	0.7	18.6	7.9	31.24	100.8	7.95	8.0	4.08	4.1	4.4	4.5
	Sunny	Moderate	15:11	15:13	1.4	Middle	0.7	18.6	7.9	31.24	100.9	7.96		4.06		4.6	
22/3/2025	Cloudy	Moderate	16:32	16:33	2.0	Middle	1.0	19.5	8.0	31.27	117.4	9.02	9.0	5.15	5.2	2.8	2.9
	Cloudy	Moderate	16:32	16:33	2.0	Middle	1.0	19.5	8.0	31.27	117.1	9.00		5.22		3.0	
25/3/2025	Cloudy	Moderate	20:05	20:07	1.8	Middle	0.9	21.4	8.2	31.31	144.0	10.60	10.6	0.94	0.9	1.9	2.2
	Cloudy	Moderate	20:05	20:07	1.8	Middle	0.9	21.4	8.2	31.30	143.4	10.57		0.88		2.5	
27/3/2025	Cloudy	Moderate	12:38	12:40	1.4	Middle	0.7	20.8	8.1	31.05	115.8	8.62	8.6	1.43	1.4	<1.0	1.0
	Cloudy	Moderate	12:38	12:40	1.4	Middle	0.7	20.9	8.1	31.06	115.8	8.62		1.41		<1.0	
29/3/2025	Cloudy	Moderate	12:31	12:33	1.6	Middle	0.8	21.0	8.1	30.56	112.2	8.37	8.4	3.42	3.4	1.9	2.1
	Cloudy	Moderate	12:31	12:33	1.6	Middle	0.8	21.0	8.1	30.55	112.2	8.37		3.46		2.2	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	08:38	08:40	1.6	Middle	0.8	19.1	8.0	31.50	107.3	8.30	8.3	1.10	1.1	2.0	2.5
	Cloudy	Moderate	08:38	08:40	1.6	Middle	0.8	19.1	8.0	31.50	107.0	8.20		1.00		3.0	
4/3/2025	Cloudy	Moderate	09:40	09:42	1.2	Middle	0.6	20.0	8.1	31.60	116.0	8.70	8.7	0.60	0.6	<1.0	1.0
	Cloudy	Moderate	09:40	09:42	1.2	Middle	0.6	20.1	8.1	31.60	116.0	8.70		0.60		<1.0	
6/3/2025	Rainy	Moderate	10:14	10:16	1.3	Middle	0.7	18.3	8.0	31.50	99.8	7.80	7.8	2.80	2.8	3.0	3.0
	Rainy	Moderate	10:14	10:16	1.3	Middle	0.7	18.3	8.0	31.50	99.8	7.80		2.80		3.0	
8/3/2025	Fine	Moderate	08:35	08:37	1.2	Middle	0.6	17.9	8.0	31.40	93.8	7.40	7.4	3.40	3.4	4.0	3.5
	Fine	Moderate	08:35	08:37	1.2	Middle	0.6	17.9	8.0	31.40	93.8	7.40		3.40		3.0	
11/3/2025	Fine	Calm	15:19	15:21	1.6	Middle	0.8	19.0	8.0	31.30	103.0	7.90	7.9	1.10	1.1	3.7	3.2
	Fine	Calm	15:19	15:21	1.6	Middle	0.8	19.0	8.0	31.30	103.1	7.90		1.10		2.6	
13/3/2025	Fine	Calm	07:42	07:44	1.2	Middle	0.6	19.4	7.9	31.40	99.3	7.60	7.6	0.90	1.0	<1.0	1.0
	Fine	Calm	07:42	07:44	1.2	Middle	0.6	19.4	7.9	31.40	99.1	7.60		1.00		<1.0	
15/3/2025	Fine	Calm	07:12	07:14	1.3	Middle	0.7	19.7	7.9	31.40	97.4	7.40	7.4	2.00	2.0	1.3	1.4
	Fine	Calm	07:12	07:14	1.3	Middle	0.7	19.7	7.9	31.40	97.3	7.40		2.00		1.4	
18/3/2025	Cloudy	Moderate	09:06	09:08	2.0	Middle	1.0	18.6	7.9	32.00	94.7	7.40	7.4	0.20	0.3	3.3	3.7
	Cloudy	Moderate	09:06	09:08	2.0	Middle	1.0	18.6	7.9	32.00	94.7	7.40		0.30		4.0	
20/3/2025	Sunny	Moderate	08:41	08:45	1.5	Middle	0.8	18.9	7.9	31.27	100.7	7.90	7.9	2.53	2.6	4.7	4.5
	Sunny	Moderate	08:41	08:45	1.5	Middle	0.8	18.9	7.9	31.27	100.7	7.90		2.57		4.2	
22/3/2025	Cloudy	Moderate	07:30	07:32	1.4	Middle	0.7	19.4	8.0	31.29	105.9	8.20	8.2	1.71	1.7	2.8	2.8
	Cloudy	Moderate	07:30	07:32	1.4	Middle	0.7	19.4	8.0	31.29	105.7	8.19		1.68		2.7	
25/3/2025	Cloudy	Moderate	14:11	14:12	1.1	Middle	0.6	21.0	8.2	31.30	144.9	10.75	10.7	1.38	1.4	1.8	1.9
	Cloudy	Moderate	14:11	14:12	1.1	Middle	0.6	21.0	8.2	31.30	144.7	10.74		1.32		2.0	
27/3/2025	Cloudy	Moderate	15:12	15:14	2.0	Middle	1.0	21.9	8.2	30.75	140.1	10.25	10.2	1.73	1.8	1.1	1.1
	Cloudy	Moderate	15:12	15:14	2.0	Middle	1.0	21.8	8.2	30.75	138.8	10.17		1.79		1.0	
29/3/2025	Cloudy	Rough	17:20	17:22	1.4	Middle	0.7	21.1	8.1	30.43	117.5	8.75	8.8	0.81	0.8	<1.0	1.0
	Cloudy	Rough	17:20	17:22	1.4	Middle	0.7	21.1	8.1	30.42	117.6	8.75		0.79		<1.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	12:48	12:50	1.6	Middle	0.8	18.9	8.0	31.50	106.3	8.20	8.2	1.50	1.6	2.0	2.0
	Cloudy	Moderate	12:48	12:50	1.6	Middle	0.8	18.8	8.0	31.50	105.5	8.20		1.60		2.0	
4/3/2025	Cloudy	Moderate	14:57	14:59	1.8	Middle	0.9	19.1	8.1	31.40	102.6	7.90	7.9	2.30	2.3	<1.0	1.0
	Cloudy	Moderate	14:57	14:59	1.8	Middle	0.9	19.1	8.1	31.50	101.7	7.80		2.30		<1.0	
6/3/2025	Cloudy	Moderate	16:58	17:00	2.4	Middle	1.2	18.5	8.0	31.30	98.0	7.60	7.6	0.40	0.5	3.0	3.0
	Cloudy	Moderate	16:58	17:00	2.4	Middle	1.2	18.5	8.0	31.20	98.0	7.60		0.50		3.0	
8/3/2025	Fine	Moderate	20:32	20:35	2.0	Middle	1.0	17.9	8.0	31.30	92.2	7.30	7.3	1.80	1.8	4.0	4.0
	Fine	Moderate	20:32	20:35	2.0	Middle	1.0	17.9	8.0	31.30	92.3	7.30		1.80		4.0	
11/3/2025	Cloudy	Calm	10:47	10:49	1.7	Middle	0.9	18.5	7.9	31.30	96.4	7.50	7.5	2.60	2.6	4.4	4.5
	Cloudy	Calm	10:47	10:49	1.7	Middle	0.9	18.5	7.9	31.30	96.4	7.50		2.60		4.5	
13/3/2025	Sunny	Calm	12:18	12:21	2.1	Middle	1.1	19.3	8.0	31.40	100.9	7.70	7.7	1.30	1.3	1.6	1.6
	Sunny	Calm	12:18	12:21	2.1	Middle	1.1	19.3	8.0	31.40	100.8	7.70		1.20		1.5	
15/3/2025	Cloudy	Moderate	13:02	13:04	1.9	Middle	1.0	19.5	7.9	31.30	96.5	7.40	7.4	2.70	2.7	4.4	4.2
	Cloudy	Moderate	13:02	13:04	1.9	Middle	1.0	19.5	7.9	31.30	96.7	7.40		2.70		3.9	
18/3/2025	Cloudy	Moderate	13:47	13:49	2.4	Middle	1.2	18.8	7.9	31.80	96.7	7.60	7.6	1.90	1.9	3.6	3.4
	Cloudy	Moderate	13:47	13:49	2.4	Middle	1.2	18.8	7.9	31.80	96.7	7.60		1.90		3.2	
20/3/2025	Sunny	Moderate	16:14	16:16	1.8	Middle	0.9	19.0	7.9	31.17	100.5	7.86	7.9	2.84	2.9	4.2	4.2
	Sunny	Moderate	16:14	16:16	1.8	Middle	0.9	19.0	7.9	31.17	100.6	7.87		2.86		4.1	
22/3/2025	Cloudy	Moderate	17:12	17:14	1.9	Middle	1.0	19.9	8.1	31.24	127.2	9.74	9.8	3.95	3.9	3.4	3.3
	Cloudy	Moderate	17:12	17:14	1.9	Middle	1.0	19.9	8.1	31.24	127.2	9.77		3.90		3.1	
25/3/2025	Cloudy	Moderate	20:43	20:45	1.8	Middle	0.9	21.3	8.3	31.23	150.8	11.14	11.1	1.19	1.2	1.9	1.6
	Cloudy	Moderate	20:43	20:45	1.8	Middle	0.9	21.3	8.3	31.23	150.6	11.12		1.19		1.3	
27/3/2025	Cloudy	Moderate	11:53	11:54	2.1	Middle	1.1	19.9	8.0	30.41	113.0	8.59	8.6	2.27	2.3	<1.0	1.0
	Cloudy	Moderate	11:53	11:54	2.1	Middle	1.1	19.9	8.0	30.40	113.0	8.59		2.26		<1.0	
29/3/2025	Cloudy	Moderate	11:27	11:29	2.2	Middle	1.1	20.7	8.1	30.33	108.3	8.12	8.1	3.52	3.5	2.5	2.4
	Cloudy	Moderate	11:27	11:29	2.2	Middle	1.1	20.7	8.1	30.32	108.3	8.12		3.55		2.3	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/3/2025	Cloudy	Moderate	07:54	07:58	1.5	Middle	0.8	18.3	7.9	31.50	107.6	8.40	8.4	1.70	1.8	3.0	2.5
	Cloudy	Moderate	07:54	07:58	1.5	Middle	0.8	18.4	7.9	31.50	107.6	8.40		1.80		2.0	
4/3/2025	Cloudy	Moderate	08:56	08:58	1.6	Middle	0.8	19.1	8.0	31.00	111.6	8.60	8.6	1.40	1.4	<1.0	1.0
	Cloudy	Moderate	08:56	08:58	1.6	Middle	0.8	19.1	8.0	31.00	111.6	8.60		1.40		<1.0	
6/3/2025	Rainy	Moderate	09:29	09:31	1.4	Middle	0.7	18.3	8.0	31.50	99.9	7.80	7.8	2.10	2.1	3.0	3.0
	Rainy	Moderate	09:29	09:31	1.4	Middle	0.7	18.3	8.0	31.50	99.9	7.80		2.10		3.0	
8/3/2025	Fine	Moderate	07:32	07:35	1.6	Middle	0.8	17.8	7.9	30.20	95.2	7.60	7.6	1.10	1.1	4.0	4.0
	Fine	Moderate	07:32	07:35	1.6	Middle	0.8	17.8	7.9	30.20	95.2	7.60		1.00		4.0	
11/3/2025	Fine	Calm	16:06	16:08	1.9	Middle	1.0	19.0	7.9	31.30	98.6	7.60	7.6	1.30	1.3	4.2	4.7
	Fine	Calm	16:06	16:08	1.9	Middle	1.0	19.0	7.9	31.30	98.6	7.60		1.30		5.2	
13/3/2025	Fine	Calm	06:34	06:36	1.8	Middle	0.9	18.8	7.9	31.40	96.1	7.40	7.4	1.50	1.5	<1.0	1.0
	Fine	Calm	06:34	06:36	1.8	Middle	0.9	18.8	7.9	31.40	96.2	7.40		1.50		<1.0	
15/3/2025	Fine	Calm	06:14	06:16	1.7	Middle	0.9	19.5	7.9	30.80	96.5	7.40	7.4	2.10	2.1	3.3	3.7
	Fine	Calm	06:14	06:16	1.7	Middle	0.9	19.5	7.9	30.80	96.5	7.40		2.10		4.0	
18/3/2025	Cloudy	Moderate	08:27	08:29	1.9	Middle	1.0	18.6	7.9	31.80	95.2	7.50	7.5	2.00	2.0	4.4	3.7
	Cloudy	Moderate	08:27	08:29	1.9	Middle	1.0	18.6	7.9	31.80	95.2	7.50		2.00		3.0	
20/3/2025	Sunny	Moderate	07:41	07:45	1.9	Middle	1.0	18.5	7.9	30.92	97.5	7.72	7.7	4.88	4.9	4.5	4.4
	Sunny	Moderate	07:41	07:45	1.9	Middle	1.0	18.5	7.9	30.92	97.5	7.72		4.88		4.2	
22/3/2025	Cloudy	Moderate	06:56	06:58	1.8	Middle	0.9	19.2	8.0	31.15	107.4	8.35	8.4	3.62	3.6	2.9	2.9
	Cloudy	Moderate	06:56	06:58	1.8	Middle	0.9	19.1	8.0	31.16	107.3	8.35		3.63		2.8	
25/3/2025	Cloudy	Moderate	13:31	13:33	2.0	Middle	1.0	20.8	8.2	31.21	148.5	11.07	11.0	0.87	0.9	1.5	1.5
	Cloudy	Moderate	13:31	13:33	2.0	Middle	1.0	20.8	8.2	31.21	147.8	11.00		0.88		1.5	
27/3/2025	Cloudy	Moderate	16:03	16:05	1.8	Middle	0.9	22.0	8.2	30.53	149.8	10.92	10.9	0.34	0.4	<1.0	1.0
	Cloudy	Moderate	16:03	16:05	1.8	Middle	0.9	22.0	8.2	30.52	149.4	10.90		0.36		<1.0	
29/3/2025	Cloudy	Rough	18:26	18:28	1.7	Middle	0.9	20.6	8.1	30.49	108.9	8.18	8.2	2.15	2.2	2.2	2.0
	Cloudy	Rough	18:26	18:28	1.7	Middle	0.9	20.6	8.1	30.49	108.7	8.17		2.16		1.7	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	12:59	13:01	10.9	Surface	1.0	18.5	8.0	30.99	93.5	7.28	7.3	7.95	6.8	5.2	4.8
	Cloudy	Moderate	12:59	13:01	10.9	Surface	1.0	18.5	8.0	30.99	93.5	7.27		7.98		5.3	
	Cloudy	Moderate	12:59	13:01	10.9	Middle	5.5	18.7	8.0	31.09	94.2	7.31		4.85		4.9	
	Cloudy	Moderate	12:59	13:01	10.9	Middle	5.5	18.7	8.0	31.10	94.3	7.31		5.26		4.6	
	Cloudy	Moderate	12:59	13:01	10.9	Bottom	9.9	18.8	8.0	31.16	94.3	7.30		7.43		4.2	
	Cloudy	Moderate	12:59	13:01	10.9	Bottom	9.9	18.7	8.0	31.14	94.2	7.30		7.36		4.5	
3/4/2025	Fine	Moderate	14:42	14:45	11.7	Surface	1.0	20.1	8.2	29.98	93.3	7.10	7.1	1.09	1.3	1.7	1.6
	Fine	Moderate	14:42	14:45	11.7	Surface	1.0	20.1	8.2	29.98	93.3	7.10		1.06		2.3	
	Fine	Moderate	14:42	14:45	11.7	Middle	5.9	19.6	8.2	29.98	91.4	7.02		1.33		1.4	
	Fine	Moderate	14:42	14:45	11.7	Middle	5.9	19.6	8.2	29.99	91.5	7.03		1.36		1.4	
	Fine	Moderate	14:42	14:45	11.7	Bottom	10.7	19.4	8.2	30.03	90.8	6.99		1.48		1.5	
	Fine	Moderate	14:42	14:45	11.7	Bottom	10.7	19.4	8.2	30.03	90.8	6.99		1.52		1.3	
5/4/2025	Cloudy	Moderate	17:12	17:15	11.9	Surface	1.0	19.7	8.2	29.95	95.3	7.31	7.3	0.44	1.4	1.5	1.7
	Cloudy	Moderate	17:12	17:15	11.9	Surface	1.0	19.7	8.2	29.94	95.3	7.31		0.41		1.8	
	Cloudy	Moderate	17:12	17:15	11.9	Middle	6.0	19.7	8.2	30.02	94.4	7.23		1.17		2.2	
	Cloudy	Moderate	17:12	17:15	11.9	Middle	6.0	19.7	8.2	30.02	94.4	7.23		1.18		1.9	
	Cloudy	Moderate	17:12	17:15	11.9	Bottom	10.9	19.7	8.2	30.03	94.0	7.19		2.60		1.7	
	Cloudy	Moderate	17:12	17:15	11.9	Bottom	10.9	19.7	8.2	30.03	93.9	7.19		2.61		1.3	
8/4/2025	Cloudy	Moderate	11:35	11:37	10.2	Surface	1.0	20.4	8.2	30.06	94.2	7.12	7.2	1.45	2.0	5.0	5.2
	Cloudy	Moderate	11:35	11:37	10.2	Surface	1.0	20.4	8.2	30.06	94.4	7.14		1.58		5.2	
	Cloudy	Moderate	11:35	11:37	10.2	Middle	5.1	20.3	8.2	30.06	94.6	7.17		2.20		4.7	
	Cloudy	Moderate	11:35	11:37	10.2	Middle	5.1	20.3	8.2	30.06	94.6	7.17		2.50		5.2	
	Cloudy	Moderate	11:35	11:37	10.2	Bottom	9.2	20.2	8.2	30.06	94.9	7.19		2.43		5.6	
	Cloudy	Moderate	11:35	11:37	10.2	Bottom	9.2	20.2	8.2	30.06	95.0	7.20		2.10		5.3	
10/4/2025	Cloudy	Calm	11:18	11:21	11.6	Surface	1.0	21.6	8.1	30.00	107.6	7.96	7.7	0.82	1.6	1.9	2.6
	Cloudy	Calm	11:18	11:21	11.6	Surface	1.0	21.6	8.1	30.00	107.4	7.95		0.86		2.1	
	Cloudy	Calm	11:18	11:21	11.6	Middle	5.8	21.2	8.1	30.10	101.2	7.53		1.61		2.7	
	Cloudy	Calm	11:18	11:21	11.6	Middle	5.8	21.2	8.1	30.10	101.2	7.53		1.64		3.5	
	Cloudy	Calm	11:18	11:21	11.6	Bottom	10.6	20.9	8.1	30.11	90.0	6.74		2.33		2.4	
	Cloudy	Calm	11:18	11:21	11.6	Bottom	10.6	20.9	8.1	30.11	90.1	6.75		2.36		2.8	
12/4/2025	Foggy	Moderate	12:08	12:10	10.7	Surface	1.0	21.7	8.2	29.84	95.8	7.09	7.1	1.77	3.0	<1.0	1.0
	Foggy	Moderate	12:08	12:10	10.7	Surface	1.0	21.7	8.2	29.84	95.9	7.09		1.76		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Middle	5.4	21.7	8.2	29.89	95.6	7.07		1.68		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Middle	5.4	21.7	8.2	29.89	95.5	7.05		1.78		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Bottom	9.7	21.4	8.2	30.05	92.4	6.86		5.36		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Bottom	9.7	21.4	8.2	30.05	92.3	6.86		5.36		<1.0	
15/4/2025	Fine	Moderate	12:07	12:10	10.3	Surface	1.0	21.4	8.1	31.68	91.0	6.62	6.6	1.35	6.3	3.2	3.3
	Fine	Moderate	12:07	12:10	10.3	Surface	1.0	21.3	8.1	31.75	90.6	6.60		1.43		4.1	
	Fine	Moderate	12:07	12:10	10.3	Middle	5.2	21.0	8.1	31.60	89.1	6.52		9.66		3.3	
	Fine	Moderate	12:07	12:10	10.3	Middle	5.2	21.0	8.1	31.60	89.1	6.52		9.71		3.2	
	Fine	Moderate	12:07	12:10	10.3	Bottom	9.3	21.1	8.1	31.59	89.5	6.55		8.38		2.6	
	Fine	Moderate	12:07	12:10	10.3	Bottom	9.3	21.1	8.1	31.59	89.7	6.56		7.40		3.4	
17/4/2025	Cloudy	Moderate	13:02	13:05	9.6	Surface	1.0	22.3	8.2	30.88	111.2	8.08	7.6	1.41	2.7	1.4	1.7
	Cloudy	Moderate	13:02	13:05	9.6	Surface	1.0	22.3	8.1	30.89	111.0	8.07		1.43		1.7	
	Cloudy	Moderate	13:02	13:05	9.6	Middle	4.8	21.8	8.1	30.96	97.1	7.12		3.14		2.0	
	Cloudy	Moderate	13:02	13:05	9.6	Middle	4.8	21.7	8.1	30.96	96.6	7.09		3.31		1.9	
	Cloudy	Moderate	13:02	13:05	9.6	Bottom	8.6	21.7	8.1	30.99	94.9	6.97		3.40		1.8	
	Cloudy	Moderate	13:02	13:05	9.6	Bottom	8.6	21.7	8.1	30.99	94.9	6.97		3.45		1.3	
22/4/2025	Cloudy	Moderate	18:29	18:31	10.3	Surface	1.0	24.2	8.5	28.83	163.8	11.62	11.2	6.89	5.8	3.4	4.0
	Cloudy	Moderate	18:29	18:31	10.3	Surface	1.0	24.3	8.5	28.71	163.8	11.62		7.48		4.4	
	Cloudy	Moderate	18:29	18:31	10.3	Middle	5.2	23.6	8.4	29.80	152.2	10.85		3.80		4.1	
	Cloudy	Moderate	18:29	18:31	10.3	Middle	5.2	23.6	8.4	29.81	152.2	10.85		3.80		4.3	
	Cloudy	Moderate	18:29	18:31	10.3	Bottom	9.3	22.6	8.1	30.68	90.2	6.51		6.08		4.2	
	Cloudy	Moderate	18:29	18:31	10.3	Bottom	9.3	22.6	8.1	30.69	90.2	6.51		6.71		3.6	
24/4/2025	Cloudy	Moderate	11:19	11:22	11.5	Surface	1.0	24.2	8.6	28.63	150.7	10.73	9.5	2.58	5.3	5.9	5.1
	Cloudy	Moderate	11:19	11:22	11.5	Surface	1.0	24.2	8.6	28.63	150.5	10.72		2.61		4.1	
	Cloudy	Moderate	11:19	11:22	11.5	Middle	5.8	23.7	8.5	29.47	116.6	8.34		3.89		4.2	
	Cloudy	Moderate	11:19	11:22	11.5	Middle	5.8	23.7	8.5	29.48	116.4	8.32		3.87		5.2	
	Cloudy	Moderate	11:19	11:22	11.5	Bottom	10.5	22.2	8.3	30.79	72.1	5.25		9.41		5.6	
	Cloudy	Moderate	11:19	11:22	11.5	Bottom	10.5	22.2	8.3	30.79	72.3	5.26		9.44		5.4	
26/4/2025	Cloudy	Moderate	11:32	11:35	10.2	Surface	1.0	24.0	8.6	28.78	113.6	8.10	8.0	4.13	4.7	2.4	2.5
	Cloudy	Moderate	11:32	11:35	10.2	Surface	1.0	24.0	8.6	28.78	113.5	8.10		4.14		1.9	
	Cloudy	Moderate	11:32	11:35	10.2	Middle	5.1	23.9	8.6	28.87	111.2	7.95		4.95		3.2	
	Cloudy	Moderate	11:32	11:35	10.2	Middle	5.1	23.9	8.6	28.87	111.1	7.94		4.43		2.4	
	Cloudy	Moderate	11:32	11:35	10.2	Bottom	9.2	23.9	8.6	28.87	109.8	7.85		5.24		2.4	
	Cloudy	Moderate	11:32	11:35	10.2	Bottom	9.2	23.9	8.6	28.87	109.7	7.84		5.49		2.4	
29/4/2025	Cloudy	Moderate	11:50	11:54	10.6	Surface	1.0	23.9	8.3	29.81	103.2	7.34	7.2	0.38	1.9	4.2	3.8
	Cloudy	Moderate	11:50	11:54	10.6	Surface	1.0	23.9	8.3	29.81	103.1	7.34		0.38		5.0	
	Cloudy	Moderate	11:50	11:54	10.6	Middle	5.3	23.7	8.3	29.86	100.2	7.15		0.89		2.6	
	Cloudy	Moderate	11:50	11:54	10.6	Middle	5.3	23.7	8.3	29.86	99.8	7.12		0.96		3.0	
	Cloudy	Moderate	11:50	11:54	10.6	Bottom	9.6	23.7	8.3	29.96	97.0	6.92		4.29		3.7	
	Cloudy	Moderate	11:50	11:54	10.6	Bottom	9.6	23.7	8.3	29.96	97.0	6.92		4.29		4.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

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23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	12:59	13:01	10.9	Surface	1.0	18.5	8.0	30.99	93.5	7.28	7.3	7.95	6.8	5.2	4.8
	Cloudy	Moderate	12:59	13:01	10.9	Surface	1.0	18.5	8.0	30.99	93.5	7.27		7.98		5.3	
	Cloudy	Moderate	12:59	13:01	10.9	Middle	5.5	18.7	8.0	31.09	94.2	7.31		4.85		4.9	
	Cloudy	Moderate	12:59	13:01	10.9	Middle	5.5	18.7	8.0	31.10	94.3	7.31		5.26		4.6	
	Cloudy	Moderate	12:59	13:01	10.9	Bottom	9.9	18.8	8.0	31.16	94.3	7.30		7.43		4.2	
	Cloudy	Moderate	12:59	13:01	10.9	Bottom	9.9	18.7	8.0	31.14	94.2	7.30		7.36		4.5	
3/4/2025	Fine	Moderate	14:42	14:45	11.7	Surface	1.0	20.1	8.2	29.98	93.3	7.10	7.1	1.09	1.3	1.7	1.6
	Fine	Moderate	14:42	14:45	11.7	Surface	1.0	20.1	8.2	29.98	93.3	7.10		1.06		2.3	
	Fine	Moderate	14:42	14:45	11.7	Middle	5.9	19.6	8.2	29.98	91.4	7.02		1.33		1.4	
	Fine	Moderate	14:42	14:45	11.7	Middle	5.9	19.6	8.2	29.99	91.5	7.03		1.36		1.4	
	Fine	Moderate	14:42	14:45	11.7	Bottom	10.7	19.4	8.2	30.03	90.8	6.99		1.48		1.5	
	Fine	Moderate	14:42	14:45	11.7	Bottom	10.7	19.4	8.2	30.03	90.8	6.99		1.52		1.3	
5/4/2025	Cloudy	Moderate	17:12	17:15	11.9	Surface	1.0	19.7	8.2	29.95	95.3	7.31	7.3	0.44	1.4	1.5	1.7
	Cloudy	Moderate	17:12	17:15	11.9	Surface	1.0	19.7	8.2	29.94	95.3	7.31		0.41		1.8	
	Cloudy	Moderate	17:12	17:15	11.9	Middle	6.0	19.7	8.2	30.02	94.4	7.23		1.17		2.2	
	Cloudy	Moderate	17:12	17:15	11.9	Middle	6.0	19.7	8.2	30.02	94.4	7.23		1.18		1.9	
	Cloudy	Moderate	17:12	17:15	11.9	Bottom	10.9	19.7	8.2	30.03	94.0	7.19		2.60		1.7	
	Cloudy	Moderate	17:12	17:15	11.9	Bottom	10.9	19.7	8.2	30.03	93.9	7.19		2.61		1.3	
8/4/2025	Cloudy	Moderate	11:35	11:37	10.2	Surface	1.0	20.4	8.2	30.06	94.2	7.12	7.2	1.45	2.0	5.0	5.2
	Cloudy	Moderate	11:35	11:37	10.2	Surface	1.0	20.4	8.2	30.06	94.4	7.14		1.58		5.2	
	Cloudy	Moderate	11:35	11:37	10.2	Middle	5.1	20.3	8.2	30.06	94.6	7.17		2.20		4.7	
	Cloudy	Moderate	11:35	11:37	10.2	Middle	5.1	20.3	8.2	30.06	94.6	7.17		2.50		5.2	
	Cloudy	Moderate	11:35	11:37	10.2	Bottom	9.2	20.2	8.2	30.06	94.9	7.19		2.43		5.6	
	Cloudy	Moderate	11:35	11:37	10.2	Bottom	9.2	20.2	8.2	30.06	95.0	7.20		2.10		5.3	
10/4/2025	Cloudy	Calm	11:18	11:21	11.6	Surface	1.0	21.6	8.1	30.00	107.6	7.96	7.7	0.82	1.6	1.9	2.6
	Cloudy	Calm	11:18	11:21	11.6	Surface	1.0	21.6	8.1	30.00	107.4	7.95		0.86		2.1	
	Cloudy	Calm	11:18	11:21	11.6	Middle	5.8	21.2	8.1	30.10	101.2	7.53		1.61		2.7	
	Cloudy	Calm	11:18	11:21	11.6	Middle	5.8	21.2	8.1	30.10	101.2	7.53		1.64		3.5	
	Cloudy	Calm	11:18	11:21	11.6	Bottom	10.6	20.9	8.1	30.11	90.0	6.74		2.33		2.4	
	Cloudy	Calm	11:18	11:21	11.6	Bottom	10.6	20.9	8.1	30.11	90.1	6.75		2.36		2.8	
12/4/2025	Foggy	Moderate	12:08	12:10	10.7	Surface	1.0	21.7	8.2	29.84	95.8	7.09	7.1	1.77	3.0	<1.0	1.0
	Foggy	Moderate	12:08	12:10	10.7	Surface	1.0	21.7	8.2	29.84	95.9	7.09		1.76		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Middle	5.4	21.7	8.2	29.89	95.6	7.07		1.68		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Middle	5.4	21.7	8.2	29.89	95.5	7.05		1.78		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Bottom	9.7	21.4	8.2	30.05	92.4	6.86		5.36		<1.0	
	Foggy	Moderate	12:08	12:10	10.7	Bottom	9.7	21.4	8.2	30.05	92.3	6.86		5.36		<1.0	
15/4/2025	Fine	Moderate	12:07	12:10	10.3	Surface	1.0	21.4	8.1	31.68	91.0	6.62	6.6	1.35	6.3	3.2	3.3
	Fine	Moderate	12:07	12:10	10.3	Surface	1.0	21.3	8.1	31.75	90.6	6.60		1.43		4.1	
	Fine	Moderate	12:07	12:10	10.3	Middle	5.2	21.0	8.1	31.60	89.1	6.52		9.66		3.3	
	Fine	Moderate	12:07	12:10	10.3	Middle	5.2	21.0	8.1	31.60	89.1	6.52		9.71		3.2	
	Fine	Moderate	12:07	12:10	10.3	Bottom	9.3	21.1	8.1	31.59	89.5	6.55		8.38		2.6	
	Fine	Moderate	12:07	12:10	10.3	Bottom	9.3	21.1	8.1	31.59	89.7	6.56		7.40		3.4	
17/4/2025	Cloudy	Moderate	13:02	13:05	9.6	Surface	1.0	22.3	8.2	30.88	111.2	8.08	7.6	1.41	2.7	1.4	1.7
	Cloudy	Moderate	13:02	13:05	9.6	Surface	1.0	22.3	8.1	30.89	111.0	8.07		1.43		1.7	
	Cloudy	Moderate	13:02	13:05	9.6	Middle	4.8	21.8	8.1	30.96	97.1	7.12		3.14		2.0	
	Cloudy	Moderate	13:02	13:05	9.6	Middle	4.8	21.7	8.1	30.96	96.6	7.09		3.31		1.9	
	Cloudy	Moderate	13:02	13:05	9.6	Bottom	8.6	21.7	8.1	30.99	94.9	6.97		3.40		1.8	
	Cloudy	Moderate	13:02	13:05	9.6	Bottom	8.6	21.7	8.1	30.99	94.9	6.97		3.45		1.3	
22/4/2025	Cloudy	Moderate	18:29	18:31	10.3	Surface	1.0	24.2	8.5	28.83	163.8	11.62	11.2	6.89	5.8	3.4	4.0
	Cloudy	Moderate	18:29	18:31	10.3	Surface	1.0	24.3	8.5	28.71	163.8	11.62		7.48		4.4	
	Cloudy	Moderate	18:29	18:31	10.3	Middle	5.2	23.6	8.4	29.80	152.2	10.85		3.80		4.1	
	Cloudy	Moderate	18:29	18:31	10.3	Middle	5.2	23.6	8.4	29.81	152.2	10.85		3.80		4.3	
	Cloudy	Moderate	18:29	18:31	10.3	Bottom	9.3	22.6	8.1	30.68	90.2	6.51		6.08		4.2	
	Cloudy	Moderate	18:29	18:31	10.3	Bottom	9.3	22.6	8.1	30.69	90.2	6.51		6.71		3.6	
24/4/2025	Cloudy	Moderate	11:19	11:22	11.5	Surface	1.0	24.2	8.6	28.63	150.7	10.73	9.5	2.58	5.3	5.9	5.1
	Cloudy	Moderate	11:19	11:22	11.5	Surface	1.0	24.2	8.6	28.63	150.5	10.72		2.61		4.1	
	Cloudy	Moderate	11:19	11:22	11.5	Middle	5.8	23.7	8.5	29.47	116.6	8.34		3.89		4.2	
	Cloudy	Moderate	11:19	11:22	11.5	Middle	5.8	23.7	8.5	29.48	116.4	8.32		3.87		5.2	
	Cloudy	Moderate	11:19	11:22	11.5	Bottom	10.5	22.2	8.3	30.79	72.1	5.25		9.41		5.6	
	Cloudy	Moderate	11:19	11:22	11.5	Bottom	10.5	22.2	8.3	30.79	72.3	5.26		9.44		5.4	
26/4/2025	Cloudy	Moderate	11:32	11:35	10.2	Surface	1.0	24.0	8.6	28.78	113.6	8.10	8.0	4.13	4.7	2.4	2.5
	Cloudy	Moderate	11:32	11:35	10.2	Surface	1.0	24.0	8.6	28.78	113.5	8.10		4.14		1.9	
	Cloudy	Moderate	11:32	11:35	10.2	Middle	5.1	23.9	8.6	28.87	111.2	7.95		4.95		3.2	
	Cloudy	Moderate	11:32	11:35	10.2	Middle	5.1	23.9	8.6	28.87	111.1	7.94		4.43		2.4	
	Cloudy	Moderate	11:32	11:35	10.2	Bottom	9.2	23.9	8.6	28.87	109.8	7.85		5.24		2.4	
	Cloudy	Moderate	11:32	11:35	10.2	Bottom	9.2	23.9	8.6	28.87	109.7	7.84		5.49		2.4	
29/4/2025	Cloudy	Moderate	11:50	11:54	10.6	Surface	1.0	23.9	8.3	29.81	103.2	7.34	7.2	0.38	1.9	4.2	3.8
	Cloudy	Moderate	11:50	11:54	10.6	Surface	1.0	23.9	8.3	29.81	103.1	7.34		0.38		5.0	
	Cloudy	Moderate	11:50	11:54	10.6	Middle	5.3	23.7	8.3	29.86	100.2	7.15		0.89		2.6	
	Cloudy	Moderate	11:50	11:54	10.6	Middle	5.3	23.7	8.3	29.86	99.8	7.12		0.96		3.0	
	Cloudy	Moderate	11:50	11:54	10.6	Bottom	9.6	23.7	8.3	29.96	97.0	6.92		4.29		3.7	
	Cloudy	Moderate	11:50	11:54	10.6	Bottom	9.6	23.7	8.3	29.96	97.0	6.92		4.29		4.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:52	13:54	9.6	Surface	1.0	19.1	8.0	31.21	95.8	7.37	7.3	14.94	10.3	6.2	6.8
	Cloudy	Moderate	13:52	13:54	9.6	Surface	1.0	19.1	8.0	31.23	95.7	7.37		14.95		5.9	
	Cloudy	Moderate	13:52	13:54	9.6	Middle	4.8	19.0	8.0	31.21	94.8	7.31		5.84		6.8	
	Cloudy	Moderate	13:52	13:54	9.6	Middle	4.8	19.0	8.0	31.21	94.7	7.31		6.68		7.7	
	Cloudy	Moderate	13:52	13:54	9.6	Bottom	8.6	19.0	8.0	31.23	95.2	7.34		10.00		6.8	
	Cloudy	Moderate	13:52	13:54	9.6	Bottom	8.6	19.0	8.0	31.23	95.3	7.35		9.61		7.2	
3/4/2025	Fine	Moderate	16:12	16:15	9.8	Surface	1.0	20.2	8.2	29.98	97.4	7.39	7.4	1.52	1.6	1.7	1.6
	Fine	Moderate	16:12	16:15	9.8	Surface	1.0	20.2	8.2	29.98	97.3	7.39		1.52		1.4	
	Fine	Moderate	16:12	16:15	9.8	Middle	4.9	19.5	8.2	30.09	95.3	7.32		1.61		1.5	
	Fine	Moderate	16:12	16:15	9.8	Middle	4.9	19.5	8.2	30.09	95.2	7.32		1.63		2.0	
	Fine	Moderate	16:12	16:15	9.8	Bottom	8.8	19.5	8.2	30.09	93.5	7.19		1.83		1.4	
	Fine	Moderate	16:12	16:15	9.8	Bottom	8.8	19.5	8.2	30.09	93.5	7.19		1.72		1.8	
5/4/2025	Cloudy	Moderate	18:44	18:48	9.9	Surface	1.0	19.9	8.2	29.88	91.6	7.02	7.0	1.15	1.3	1.8	1.8
	Cloudy	Moderate	18:44	18:48	9.9	Surface	1.0	19.9	8.2	29.89	91.7	7.03		1.17		1.6	
	Cloudy	Moderate	18:44	18:48	9.9	Middle	5.0	19.7	8.2	29.97	90.7	6.94		1.43		2.1	
	Cloudy	Moderate	18:44	18:48	9.9	Middle	5.0	19.7	8.2	29.97	90.7	6.95		1.42		2.1	
	Cloudy	Moderate	18:44	18:48	9.9	Bottom	8.9	19.5	8.2	29.98	90.8	6.96		1.40		1.5	
	Cloudy	Moderate	18:44	18:48	9.9	Bottom	8.9	19.5	8.2	29.98	90.7	6.95		1.41		1.4	
8/4/2025	Cloudy	Moderate	10:18	10:20	10.4	Surface	1.0	20.6	8.1	30.03	92.2	6.94	6.8	1.84	3.7	2.8	2.9
	Cloudy	Moderate	10:18	10:20	10.4	Surface	1.0	20.6	8.1	30.04	92.2	6.94		1.90		3.5	
	Cloudy	Moderate	10:18	10:20	10.4	Middle	5.2	20.2	8.1	30.07	87.9	6.67		3.36		2.7	
	Cloudy	Moderate	10:18	10:20	10.4	Middle	5.2	20.2	8.1	30.07	87.7	6.66		3.23		2.8	
	Cloudy	Moderate	10:18	10:20	10.4	Bottom	9.4	19.9	8.2	30.32	85.4	6.50		5.94		2.9	
	Cloudy	Moderate	10:18	10:20	10.4	Bottom	9.4	19.9	8.2	30.32	85.4	6.50		6.14		2.6	
10/4/2025	Cloudy	Calm	09:54	09:57	9.8	Surface	1.0	21.4	8.0	30.07	94.8	7.03	7.0	0.59	1.7	3.4	3.9
	Cloudy	Calm	09:54	09:57	9.8	Surface	1.0	21.4	8.0	30.07	94.8	7.03		0.60		4.2	
	Cloudy	Calm	09:54	09:57	9.8	Middle	4.9	20.8	8.1	30.19	93.6	7.02		1.29		3.8	
	Cloudy	Calm	09:54	09:57	9.8	Middle	4.9	20.8	8.1	30.19	93.4	7.01		1.25		4.4	
	Cloudy	Calm	09:54	09:57	9.8	Bottom	8.8	20.4	8.1	30.32	88.7	6.70		3.11		3.2	
	Cloudy	Calm	09:54	09:57	9.8	Bottom	8.8	20.4	8.1	30.31	88.8	6.70		3.17		4.6	
12/4/2025	Foggy	Moderate	10:47	10:49	9.8	Surface	1.0	22.0	8.2	29.69	101.1	7.44	7.4	0.98	2.9	<1.0	1.0
	Foggy	Moderate	10:47	10:49	9.8	Surface	1.0	22.0	8.2	29.69	101.1	7.44		0.99		<1.0	
	Foggy	Moderate	10:47	10:49	9.8	Middle	4.9	21.8	8.2	29.87	99.1	7.31		1.86		<1.0	
	Foggy	Moderate	10:47	10:49	9.8	Middle	4.9	21.8	8.2	29.88	98.8	7.29		2.27		<1.0	
	Foggy	Moderate	10:47	10:49	9.8	Bottom	8.8	21.7	8.2	29.99	97.3	7.19		5.68		<1.0	
	Foggy	Moderate	10:47	10:49	9.8	Bottom	8.8	21.7	8.2	29.99	97.3	7.19		5.79		<1.0	
15/4/2025	Fine	Moderate	13:27	13:30	9.6	Surface	1.0	21.3	8.2	30.22	93.4	6.92	6.8	6.67	5.5	3.6	3.2
	Fine	Moderate	13:27	13:30	9.6	Surface	1.0	21.2	8.2	30.23	93.1	6.92		6.67		2.7	
	Fine	Moderate	13:27	13:30	9.6	Middle	4.8	21.1	8.1	30.44	90.2	6.70		2.57		4.0	
	Fine	Moderate	13:27	13:30	9.6	Middle	4.8	21.1	8.1	30.45	89.8	6.68		3.06		3.0	
	Fine	Moderate	13:27	13:30	9.6	Bottom	8.6	21.0	8.1	30.48	87.6	6.52		7.11		2.4	
	Fine	Moderate	13:27	13:30	9.6	Bottom	8.6	21.0	8.1	30.48	87.6	6.52		7.11		3.2	
17/4/2025	Cloudy	Moderate	14:19	14:22	10.6	Surface	1.0	22.5	8.1	30.81	95.3	6.91	6.8	2.85	4.4	1.9	2.0
	Cloudy	Moderate	14:19	14:22	10.6	Surface	1.0	22.5	8.1	30.81	95.2	6.91		2.81		2.3	
	Cloudy	Moderate	14:19	14:22	10.6	Middle	5.3	21.8	8.1	30.90	90.9	6.66		3.85		1.8	
	Cloudy	Moderate	14:19	14:22	10.6	Middle	5.3	21.9	8.1	30.89	91.0	6.66		3.87		1.5	
	Cloudy	Moderate	14:19	14:22	10.6	Bottom	9.6	21.6	8.1	30.96	89.6	6.60		6.04		2.0	
	Cloudy	Moderate	14:19	14:22	10.6	Bottom	9.6	21.6	8.1	30.96	89.6	6.60		6.79		2.2	
22/4/2025	Cloudy	Moderate	19:33	19:35	9.7	Surface	1.0	25.1	8.4	28.78	143.3	10.05	8.9	3.15	5.2	2.6	2.2
	Cloudy	Moderate	19:33	19:35	9.7	Surface	1.0	25.1	8.4	28.77	142.9	10.02		3.19		2.1	
	Cloudy	Moderate	19:33	19:35	9.7	Middle	4.9	23.1	8.3	30.36	108.2	7.78		4.03		1.9	
	Cloudy	Moderate	19:33	19:35	9.7	Middle	4.9	23.1	8.3	30.35	108.3	7.79		4.11		2.5	
	Cloudy	Moderate	19:33	19:35	9.7	Bottom	8.7	22.4	8.2	30.84	83.7	6.08		8.69		1.9	
	Cloudy	Moderate	19:33	19:35	9.7	Bottom	8.7	22.4	8.2	30.86	83.5	6.06		8.12		2.0	
24/4/2025	Cloudy	Moderate	10:19	10:23	9.9	Surface	1.0	25.6	8.7	28.03	188.4	13.14	10.7	1.24	2.6	6.4	6.0
	Cloudy	Moderate	10:19	10:23	9.9	Surface	1.0	25.6	8.7	28.03	188.5	13.15		1.25		4.6	
	Cloudy	Moderate	10:19	10:23	9.9	Middle	5.0	24.3	8.4	29.30	115.4	8.17		1.99		5.4	
	Cloudy	Moderate	10:19	10:23	9.9	Middle	5.0	24.3	8.4	29.27	116.3	8.23		1.76		4.9	
	Cloudy	Moderate	10:19	10:23	9.9	Bottom	8.9	22.5	8.2	30.67	74.8	5.43		4.51		7.9	
	Cloudy	Moderate	10:19	10:23	9.9	Bottom	8.9	22.5	8.2	30.67	75.2	5.45		4.82		6.7	
26/4/2025	Cloudy	Moderate	10:40	10:42	9.9	Surface	1.0	23.9	8.5	29.08	110.1	7.86	7.8	2.43	3.3	1.3	2.4
	Cloudy	Moderate	10:40	10:42	9.9	Surface	1.0	23.9	8.5	29.08	110.1	7.86		2.50		2.3	
	Cloudy	Moderate	10:40	10:42	9.9	Middle	5.0	23.9	8.5	29.10	108.1	7.72		2.43		2.6	
	Cloudy	Moderate	10:40	10:42	9.9	Middle	5.0	23.9	8.5	29.13	107.8	7.69		2.93		2.5	
	Cloudy	Moderate	10:40	10:42	9.9	Bottom	8.9	23.7	8.4	29.37	91.8	6.57		4.65		2.6	
	Cloudy	Moderate	10:40	10:42	9.9	Bottom	8.9	23.8	8.4	29.26	92.7	6.63		4.68		3.1	
29/4/2025	Cloudy	Moderate	12:57	12:59	10.7	Surface	1.0	23.7	8.2	30.06	95.1	6.77	6.6	2.43	4.3	2.8	3.0
	Cloudy	Moderate	12:57	12:59	10.7	Surface	1.0	23.7	8.2	30.06	95.2	6.78		2.47		3.5	
	Cloudy	Moderate	12:57	12:59	10.7	Middle	5.4	23.5	8.2	30.07	90.5	6.47		3.63		2.1	
	Cloudy	Moderate	12:57	12:59	10.7	Middle	5.4	23.5	8.2	30.08	90.5	6.46		3.80		3.0	
	Cloudy	Moderate	12:57	12:59	10.7	Bottom	9.7	23.5	8.2	30.11	90.1	6.44		6.80		2.6	
	Cloudy	Moderate	12:57	12:59	10.7	Bottom	9.7	23.5	8.2	30.10	90.1	6.44		6.67		4.1	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	07:35	07:37	9.6	Surface	1.0	18.8	8.0	30.09	95.8	7.50	7.5	4.29	4.8	2.1	2.8
	Cloudy	Moderate	07:35	07:37	9.6	Surface	1.0	18.8	8.0	30.19	95.8	7.50		4.29		2.5	
	Cloudy	Moderate	07:35	07:37	9.6	Middle	4.8	18.9	8.0	30.04	95.7	7.48		4.26		2.4	
	Cloudy	Moderate	07:35	07:37	9.6	Middle	4.8	18.9	8.0	30.02	95.6	7.48	4.27	2.3			
	Cloudy	Moderate	07:35	07:37	9.6	Bottom	8.6	19.0	8.0	29.74	95.6	7.47	7.5	5.85		3.1	
Cloudy	Moderate	07:35	07:37	9.6	Bottom	8.6	19.0	8.0	29.72	95.6	7.48	5.81		4.2			
3/4/2025	Cloudy	Moderate	08:08	08:11	9.6	Surface	1.0	19.8	8.2	29.95	96.0	7.35	7.3	0.49	0.3	1.8	1.7
	Cloudy	Moderate	08:08	08:11	9.6	Surface	1.0	19.8	8.2	29.95	96.0	7.35		0.49		1.4	
	Cloudy	Moderate	08:08	08:11	9.6	Middle	4.8	19.5	8.2	30.08	95.5	7.34		0.17		1.8	
	Cloudy	Moderate	08:08	08:11	9.6	Middle	4.8	19.5	8.2	30.08	95.5	7.34	0.16	2.0			
	Cloudy	Moderate	08:08	08:11	9.6	Bottom	8.6	19.4	8.2	30.10	95.3	7.34	7.3	0.37		1.4	
Cloudy	Moderate	08:08	08:11	9.6	Bottom	8.6	19.4	8.2	30.10	95.3	7.34	0.39		1.5			
5/4/2025	Rainy	Moderate	07:51	07:53	9.4	Surface	1.0	19.7	8.1	29.96	87.7	6.72	6.7	3.63	4.7	1.4	1.9
	Rainy	Moderate	07:51	07:53	9.4	Surface	1.0	19.7	8.1	29.96	87.6	6.71		3.60		1.6	
	Rainy	Moderate	07:51	07:53	9.4	Middle	4.7	19.7	8.1	30.00	88.2	6.76		5.34		1.6	
	Rainy	Moderate	07:51	07:53	9.4	Middle	4.7	19.7	8.1	30.00	88.2	6.76	5.26	2.1			
	Rainy	Moderate	07:51	07:53	9.4	Bottom	8.4	19.6	8.1	30.07	88.1	6.76	6.8	5.15		2.3	
Rainy	Moderate	07:51	07:53	9.4	Bottom	8.4	19.6	8.1	30.07	88.1	6.76	5.16		2.3			
8/4/2025	Cloudy	Moderate	15:03	15:05	9.8	Surface	1.0	20.6	8.2	30.03	93.3	7.04	6.9	1.88	4.9	4.8	4.8
	Cloudy	Moderate	15:03	15:05	9.8	Surface	1.0	20.5	8.2	30.08	92.6	6.99		1.80		4.1	
	Cloudy	Moderate	15:03	15:05	9.8	Middle	4.9	20.2	8.2	30.05	89.6	6.80		4.61		5.1	
	Cloudy	Moderate	15:03	15:05	9.8	Middle	4.9	20.2	8.2	30.07	89.1	6.76	5.17	4.6			
	Cloudy	Moderate	15:03	15:05	9.8	Bottom	8.8	20.1	8.2	30.14	88.7	6.74	6.7	7.74		4.6	
Cloudy	Moderate	15:03	15:05	9.8	Bottom	8.8	20.1	8.2	30.14	88.9	6.75	8.15		5.3			
10/4/2025	Fine	Calm	17:17	17:20	9.5	Surface	1.0	22.5	8.1	30.15	107.8	7.84	7.5	1.35	2.1	1.9	2.2
	Fine	Calm	17:17	17:20	9.5	Surface	1.0	22.5	8.1	30.15	107.7	7.84		1.35		2.1	
	Fine	Calm	17:17	17:20	9.5	Middle	4.8	20.9	8.1	30.26	96.3	7.21		1.66		1.8	
	Fine	Calm	17:17	17:20	9.5	Middle	4.8	20.9	8.1	30.26	96.2	7.20	1.69	3.1			
	Fine	Calm	17:17	17:20	9.5	Bottom	8.5	20.4	8.1	30.34	90.2	6.81	6.8	3.31		2.5	
Fine	Calm	17:17	17:20	9.5	Bottom	8.5	20.4	8.1	30.35	90.3	6.82	3.37		1.9			
12/4/2025	Foggy	Moderate	18:18	18:20	9.5	Surface	1.0	22.1	8.3	29.72	105.0	7.72	7.6	5.41	4.3	<1.0	1.0
	Foggy	Moderate	18:18	18:20	9.5	Surface	1.0	22.0	8.3	29.73	104.7	7.70		5.41		<1.0	
	Foggy	Moderate	18:18	18:20	9.5	Middle	4.8	21.9	8.2	29.94	101.8	7.49		1.31		<1.0	
	Foggy	Moderate	18:18	18:20	9.5	Middle	4.8	21.9	8.2	29.95	101.4	7.46	1.80	<1.0			
	Foggy	Moderate	18:18	18:20	9.5	Bottom	8.5	21.8	8.2	29.98	99.2	7.31	7.3	5.85		<1.0	
Foggy	Moderate	18:18	18:20	9.5	Bottom	8.5	21.8	8.2	29.98	99.2	7.31	5.85		<1.0			
15/4/2025	Fine	Moderate	06:38	06:40	10.2	Surface	1.0	21.3	8.1	31.68	89.3	6.50	6.5	1.22	2.2	3.9	3.8
	Fine	Moderate	06:38	06:40	10.2	Surface	1.0	21.3	8.1	31.68	89.3	6.50		1.23		3.1	
	Fine	Moderate	06:38	06:40	10.2	Middle	5.1	21.1	8.1	31.68	88.4	6.46		1.11		3.8	
	Fine	Moderate	06:38	06:40	10.2	Middle	5.1	21.1	8.1	31.69	88.4	6.45	1.14	4.0			
	Fine	Moderate	06:38	06:40	10.2	Bottom	9.2	20.9	8.1	31.80	86.8	6.36	6.4	4.33		3.9	
Fine	Moderate	06:38	06:40	10.2	Bottom	9.2	20.9	8.1	31.80	86.8	6.36	4.21		3.9			
17/4/2025	Cloudy	Moderate	07:18	07:20	10.1	Surface	1.0	22.1	8.0	30.64	96.0	7.01	6.8	0.93	2.2	1.6	1.6
	Cloudy	Moderate	07:18	07:20	10.1	Surface	1.0	22.1	8.0	30.64	96.0	7.01		0.95		1.7	
	Cloudy	Moderate	07:18	07:20	10.1	Middle	5.1	21.7	8.0	30.84	90.8	6.68		1.98		1.5	
	Cloudy	Moderate	07:18	07:20	10.1	Middle	5.1	21.7	8.0	30.84	90.8	6.68	6.6	1.98		1.6	
	Cloudy	Moderate	07:18	07:20	10.1	Bottom	9.1	21.5	8.0	31.01	88.9	6.56		3.63		1.7	
Cloudy	Moderate	07:18	07:20	10.1	Bottom	9.1	21.5	8.0	31.00	89.0	6.56	3.63		1.4			
22/4/2025	Cloudy	Moderate	11:14	11:16	9.4	Surface	1.0	24.6	8.4	28.85	153.7	10.85	8.7	3.08	4.1	1.7	1.9
	Cloudy	Moderate	11:14	11:16	9.4	Surface	1.0	24.6	8.4	28.84	153.4	10.83		3.05		1.8	
	Cloudy	Moderate	11:14	11:16	9.4	Middle	4.7	22.8	8.2	30.53	91.9	6.64		2.68		1.6	
	Cloudy	Moderate	11:14	11:16	9.4	Middle	4.7	22.8	8.2	30.51	92.2	6.65	5.8	2.60		1.8	
	Cloudy	Moderate	11:14	11:16	9.4	Bottom	8.4	22.1	8.1	31.00	79.3	5.78		6.44		2.3	
Cloudy	Moderate	11:14	11:16	9.4	Bottom	8.4	22.1	8.1	31.00	79.7	5.81	6.58	2.1				
24/4/2025	Fine	Moderate	15:19	15:22	10.1	Surface	1.0	25.1	8.6	28.92	164.2	11.49	9.9	0.48	1.1	4.5	4.9
	Fine	Moderate	15:19	15:22	10.1	Surface	1.0	25.1	8.6	28.90	164.2	11.49		0.59		4.8	
	Fine	Moderate	15:19	15:22	10.1	Middle	5.1	23.6	8.4	28.49	115.9	8.24		1.22		4.7	
	Fine	Moderate	15:19	15:22	10.1	Middle	5.1	23.6	8.4	28.50	115.9	8.24	1.25	5.2			
	Fine	Moderate	15:19	15:22	10.1	Bottom	9.1	22.9	8.3	29.74	91.7	6.64	6.6	1.56		5.4	
Fine	Moderate	15:19	15:22	10.1	Bottom	9.1	22.9	8.3	29.75	91.8	6.65	1.58		4.7			
26/4/2025	Cloudy	Moderate	17:04	17:07	9.4	Surface	1.0	24.0	8.6	29.10	123.3	8.78	8.4	2.15	3.6	2.6	2.5
	Cloudy	Moderate	17:04	17:07	9.4	Surface	1.0	24.0	8.6	29.12	122.9	8.76		2.16		3.4	
	Cloudy	Moderate	17:04	17:07	9.4	Middle	4.7	23.9	8.6	29.19	112.5	8.03		2.15		3.0	
	Cloudy	Moderate	17:04	17:07	9.4	Middle	4.7	23.9	8.6	29.21	112.1	8.00	2.14	1.9			
	Cloudy	Moderate	17:04	17:07	9.4	Bottom	8.4	23.7	8.5	29.30	90.9	6.50	6.5	6.35		1.6	
Cloudy	Moderate	17:04	17:07	9.4	Bottom	8.4	23.7	8.5	29.27	91.5	6.54	6.66		2.6			
29/4/2025	Cloudy	Moderate	06:30	06:33	10.8	Surface	1.0	23.7	8.2	30.09	92.6	6.59	6.5	1.13	2.7	2.2	3.1
	Cloudy	Moderate	06:30	06:33	10.8	Surface	1.0	23.7	8.2	30.10	92.3	6.58		1.17		3.2	
	Cloudy	Moderate	06:30	06:33	10.8	Middle	5.4	23.4	8.2	30.20	88.8	6.35		1.85		4.3	
	Cloudy	Moderate	06:30	06:33	10.8	Middle	5.4	23.4	8.2	30.20	88.8	6.35	1.84	3.0			
	Cloudy	Moderate	06:30	06:33	10.8	Bottom	9.8	23.3	8.2	30.34	87.5	6.27	6.3	5.05		2.8	
Cloudy	Moderate	06:30	06:33	10.8	Bottom	9.8	23.3	8.2	30.34	87.5	6.27	5.05		3.0			



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:39	13:41	5.0	Surface	1.0	19.0	8.0	31.14	97.2	7.49	7.5	3.98	3.9	4.4	4.4
	Cloudy	Moderate	13:39	13:41	5.0	Surface	1.0	19.0	8.0	31.15	97.3	7.50		3.91		4.9	
	Cloudy	Moderate	13:39	13:41	5.0	Bottom	4.0	19.0	8.0	31.20	97.9	7.55	7.6	3.74		4.4	
	Cloudy	Moderate	13:39	13:41	5.0	Bottom	4.0	19.0	8.0	31.19	98.1	7.56		3.78		3.8	
3/4/2025	Fine	Moderate	15:52	15:55	3.6	Surface	1.0	20.2	8.2	29.98	93.2	7.08	7.1	0.84	1.8	1.0	1.3
	Fine	Moderate	15:52	15:55	3.6	Surface	1.0	20.2	8.2	29.98	93.2	7.08		0.86		1.7	
	Fine	Moderate	15:52	15:55	3.6	Bottom	2.6	19.5	8.2	29.99	88.3	6.78	6.8	2.73		1.1	
	Fine	Moderate	15:52	15:55	3.6	Bottom	2.6	19.5	8.2	29.98	88.3	6.78		2.77		1.3	
5/4/2025	Cloudy	Moderate	18:18	18:20	3.8	Surface	1.0	19.7	8.2	29.61	94.7	7.27	7.3	0.61	0.6	1.4	1.6
	Cloudy	Moderate	18:18	18:20	3.8	Surface	1.0	19.7	8.2	29.60	94.6	7.27		0.60		1.4	
	Cloudy	Moderate	18:18	18:20	3.8	Bottom	2.8	19.7	8.2	29.89	93.4	7.16	7.2	0.57		1.6	
	Cloudy	Moderate	18:18	18:20	3.8	Bottom	2.8	19.7	8.2	29.89	93.6	7.17		0.54		2.0	
8/4/2025	Cloudy	Moderate	10:37	10:41	4.8	Surface	1.0	20.4	8.2	30.02	93.1	7.04	7.0	2.04	2.2	3.2	3.1
	Cloudy	Moderate	10:37	10:41	4.8	Surface	1.0	20.4	8.2	30.02	92.9	7.03		2.06		3.2	
	Cloudy	Moderate	10:37	10:41	4.8	Bottom	3.8	20.2	8.2	30.02	91.6	6.95	6.9	2.26		3.1	
	Cloudy	Moderate	10:37	10:41	4.8	Bottom	3.8	20.2	8.2	30.02	91.5	6.94		2.29		3.0	
10/4/2025	Cloudy	Calm	10:10	10:13	3.5	Surface	1.0	22.3	8.1	30.06	113.9	8.29	8.3	0.44	0.9	2.3	2.1
	Cloudy	Calm	10:10	10:13	3.5	Surface	1.0	22.3	8.1	30.08	113.9	8.29		0.45		2.7	
	Cloudy	Calm	10:10	10:13	3.5	Bottom	2.5	21.6	8.1	30.09	106.6	7.88	7.9	1.28		1.7	
	Cloudy	Calm	10:10	10:13	3.5	Bottom	2.5	21.6	8.1	30.09	107.2	7.92		1.34		1.7	
12/4/2025	Foggy	Moderate	11:03	11:05	4.5	Surface	1.0	22.7	8.2	30.00	104.9	7.61	7.6	0.24	0.4	<1.0	1.0
	Foggy	Moderate	11:03	11:05	4.5	Surface	1.0	22.7	8.2	30.00	104.8	7.61		0.27		<1.0	
	Foggy	Moderate	11:03	11:05	4.5	Bottom	3.5	22.7	8.2	30.00	103.9	7.54	7.5	0.49		<1.0	
	Foggy	Moderate	11:03	11:05	4.5	Bottom	3.5	22.7	8.2	30.00	103.9	7.54		0.49		<1.0	
15/4/2025	Fine	Moderate	13:04	13:07	5.4	Surface	1.0	21.7	8.1	30.45	94.7	6.95	7.0	1.42	2.7	4.2	4.0
	Fine	Moderate	13:04	13:07	5.4	Surface	1.0	21.7	8.1	30.46	94.6	6.96		1.41		4.8	
	Fine	Moderate	13:04	13:07	5.4	Bottom	4.4	21.2	8.1	30.51	82.6	6.13	6.1	3.91		3.4	
	Fine	Moderate	13:04	13:07	5.4	Bottom	4.4	21.2	8.1	30.51	82.7	6.10		3.91		3.5	
17/4/2025	Cloudy	Moderate	13:49	13:51	5.5	Surface	1.0	23.1	8.1	30.94	113.2	8.10	8.1	1.17	2.4	1.3	1.6
	Cloudy	Moderate	13:49	13:51	5.5	Surface	1.0	23.1	8.1	30.94	113.1	8.10		1.16		1.7	
	Cloudy	Moderate	13:49	13:51	5.5	Bottom	4.5	22.1	8.1	30.93	91.4	6.66	6.7	3.78		1.5	
	Cloudy	Moderate	13:49	13:51	5.5	Bottom	4.5	22.3	8.1	30.93	92.1	6.68		3.39		1.8	
22/4/2025	Cloudy	Moderate	19:15	19:17	5.1	Surface	1.0	25.2	8.4	29.24	149.4	10.42	10.4	3.03	3.5	1.9	1.5
	Cloudy	Moderate	19:15	19:17	5.1	Surface	1.0	25.2	8.4	29.23	148.2	10.34		3.04		1.5	
	Cloudy	Moderate	19:15	19:17	5.1	Bottom	4.1	23.5	8.3	30.06	107.7	7.70	7.7	4.06		1.3	
	Cloudy	Moderate	19:15	19:17	5.1	Bottom	4.1	23.5	8.3	30.03	108.2	7.74		4.00		1.4	
24/4/2025	Cloudy	Moderate	10:37	10:39	3.2	Surface	1.0	26.5	8.6	28.25	159.2	10.93	10.9	1.22	1.5	4.6	4.3
	Cloudy	Moderate	10:37	10:39	3.2	Surface	1.0	26.5	8.6	28.25	159.4	10.94		1.25		4.5	
	Cloudy	Moderate	10:37	10:39	3.2	Bottom	2.2	25.8	8.6	28.41	158.4	10.98	11.0	1.74		3.3	
	Cloudy	Moderate	10:37	10:39	3.2	Bottom	2.2	25.8	8.6	28.41	158.4	10.98		1.77		4.6	
26/4/2025	Cloudy	Moderate	10:56	10:58	5.6	Surface	1.0	23.9	8.6	29.17	110.1	7.86	7.9	2.09	4.0	3.2	2.7
	Cloudy	Moderate	10:56	10:58	5.6	Surface	1.0	23.9	8.5	29.17	109.8	7.84		2.54		2.8	
	Cloudy	Moderate	10:56	10:58	5.6	Bottom	4.6	23.8	8.5	29.25	95.4	6.82	6.8	5.60		2.2	
	Cloudy	Moderate	10:56	10:58	5.6	Bottom	4.6	23.8	8.5	29.25	94.9	6.78		5.91		2.6	
29/4/2025	Cloudy	Moderate	12:42	12:45	5.7	Surface	1.0	23.8	8.2	30.11	88.6	6.30	6.3	2.45	2.5	2.6	2.6
	Cloudy	Moderate	12:42	12:45	5.7	Surface	1.0	23.8	8.2	30.11	88.6	6.30		2.44		2.5	
	Cloudy	Moderate	12:42	12:45	5.7	Bottom	4.7	23.8	8.3	30.08	88.3	6.27	6.3	2.53		3.0	
	Cloudy	Moderate	12:42	12:45	5.7	Bottom	4.7	23.9	8.3	30.08	88.3	6.28		2.51		2.3	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average	
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L	
1/4/2025	Cloudy	Moderate	07:51	07:53	4.9	Surface	1.0	18.9	8.0	31.05	96.3	7.44	7.4	5.09	5.3	5.4	5.3	
	Cloudy	Moderate	07:51	07:53	4.9	Surface	1.0	18.9	8.0	31.05	96.3	7.44	5.10	5.9				
	Cloudy	Moderate	07:51	07:53	4.9	Bottom	3.9	18.9	8.0	31.00	97.5	7.54	7.5	5.50				4.5
	Cloudy	Moderate	07:51	07:53	4.9	Bottom	3.9	18.9	8.0	30.99	97.6	7.54	5.50	5.4				
3/4/2025	Cloudy	Moderate	08:29	08:32	3.5	Surface	1.0	19.9	8.2	29.97	91.4	6.97	7.0	1.10	2.7	1.5	1.7	
	Cloudy	Moderate	08:29	08:32	3.5	Surface	1.0	19.9	8.2	29.97	91.3	6.97	1.10	1.9				
	Cloudy	Moderate	08:29	08:32	3.5	Bottom	2.5	19.6	8.1	29.99	86.7	6.66	6.7	4.22				1.8
	Cloudy	Moderate	08:29	08:32	3.5	Bottom	2.5	19.6	8.1	29.99	86.4	6.64	4.21	1.4				
5/4/2025	Rainy	Moderate	08:12	08:14	3.5	Surface	1.0	19.8	8.2	29.92	89.1	6.81	6.8	2.19	3.1	2.0	1.8	
	Rainy	Moderate	08:12	08:14	3.5	Surface	1.0	19.8	8.2	29.92	89.1	6.81	2.15	1.3				
	Rainy	Moderate	08:12	08:14	3.5	Bottom	2.5	19.8	8.1	30.00	84.5	6.47	6.5	3.98				1.8
	Rainy	Moderate	08:12	08:14	3.5	Bottom	2.5	19.8	8.1	30.00	84.9	6.49	3.96	2.2				
8/4/2025	Cloudy	Moderate	14:46	14:48	5.8	Surface	1.0	21.0	8.2	30.03	92.9	6.96	7.0	1.48	2.2	3.0	4.0	
	Cloudy	Moderate	14:46	14:48	5.8	Surface	1.0	20.7	8.2	30.06	92.7	6.97	1.88	3.3				
	Cloudy	Moderate	14:46	14:48	5.8	Bottom	4.8	20.3	8.2	30.04	84.4	6.38	6.4	2.91				6.9
	Cloudy	Moderate	14:46	14:48	5.8	Bottom	4.8	20.5	8.2	30.03	85.0	6.41	2.55	2.8				
10/4/2025	Fine	Calm	16:55	16:58	3.2	Surface	1.0	22.9	8.2	30.14	115.7	8.37	8.4	1.49	1.1	2.2	2.1	
	Fine	Calm	16:55	16:58	3.2	Surface	1.0	22.8	8.2	30.13	115.3	8.34	1.50	2.2				
	Fine	Calm	16:55	16:58	3.2	Bottom	2.2	21.2	8.1	30.15	101.5	7.56	7.6	0.75				2.0
	Fine	Calm	16:55	16:58	3.2	Bottom	2.2	21.2	8.1	30.15	101.6	7.57	0.69	1.9				
12/4/2025	Foggy	Moderate	17:54	17:56	4.8	Surface	1.0	22.5	8.2	29.95	106.3	7.74	7.7	0.16	1.4	<1.0	1.0	
	Foggy	Moderate	17:54	17:56	4.8	Surface	1.0	22.5	8.2	29.96	106.2	7.74	0.15	<1.0				
	Foggy	Moderate	17:54	17:56	4.8	Bottom	3.8	22.0	8.2	30.01	94.2	6.92	6.9	2.65				<1.0
	Foggy	Moderate	17:54	17:56	4.8	Bottom	3.8	22.0	8.2	30.01	94.3	6.92	2.65	<1.0				
15/4/2025	Fine	Moderate	07:01	07:03	4.9	Surface	1.0	21.4	8.1	31.63	91.5	6.66	6.7	1.22	1.2	2.9	3.2	
	Fine	Moderate	07:01	07:03	4.9	Surface	1.0	21.3	8.1	31.64	91.3	6.65	1.19	3.8				
	Fine	Moderate	07:01	07:03	4.9	Bottom	3.9	21.1	8.1	31.69	90.5	6.61	6.6	1.12				3.1
	Fine	Moderate	07:01	07:03	4.9	Bottom	3.9	21.1	8.1	31.69	90.4	6.61	1.11	2.8				
17/4/2025	Cloudy	Moderate	07:32	07:34	5.5	Surface	1.0	23.1	8.1	30.91	110.4	7.91	7.9	1.93	3.1	1.5	1.9	
	Cloudy	Moderate	07:32	07:34	5.5	Surface	1.0	23.1	8.1	30.91	110.1	7.89	1.93	1.8				
	Cloudy	Moderate	07:32	07:34	5.5	Bottom	4.5	21.8	8.1	30.92	90.9	6.66	6.7	4.31				1.8
	Cloudy	Moderate	07:32	07:34	5.5	Bottom	4.5	21.8	8.1	30.92	91.0	6.67	4.30	2.3				
22/4/2025	Cloudy	Moderate	11:30	11:32	5.7	Surface	1.0	25.2	8.4	28.82	138.0	9.65	9.7	2.99	4.9	1.5	2.1	
	Cloudy	Moderate	11:30	11:32	5.7	Surface	1.0	25.2	8.4	28.83	138.2	9.66	3.01	2.7				
	Cloudy	Moderate	11:30	11:32	5.7	Bottom	4.7	23.0	8.3	30.36	109.9	7.91	7.8	6.65				2.4
	Cloudy	Moderate	11:30	11:32	5.7	Bottom	4.7	22.9	8.3	30.43	106.4	7.67	7.00	1.8				
24/4/2025	Fine	Moderate	14:58	15:01	3.6	Surface	1.0	24.5	8.5	29.10	127.8	9.03	9.0	0.91	1.0	4.5	4.0	
	Fine	Moderate	14:58	15:01	3.6	Surface	1.0	24.5	8.5	29.09	127.8	9.03	0.95	2.8				
	Fine	Moderate	14:58	15:01	3.6	Bottom	2.6	23.9	8.5	29.20	125.7	8.96	9.0	1.07				4.9
	Fine	Moderate	14:58	15:01	3.6	Bottom	2.6	23.9	8.5	29.23	125.7	8.96	1.06	3.7				
26/4/2025	Cloudy	Moderate	16:49	16:51	5.8	Surface	1.0	24.0	8.7	28.96	123.2	8.78	8.6	3.30	5.1	2.7	2.2	
	Cloudy	Moderate	16:49	16:51	5.8	Surface	1.0	24.0	8.7	28.98	118.9	8.48	4.16	2.2				
	Cloudy	Moderate	16:49	16:51	5.8	Bottom	4.8	23.9	8.4	29.07	84.2	6.02	6.0	6.46				1.1
	Cloudy	Moderate	16:49	16:51	5.8	Bottom	4.8	23.9	8.4	29.04	85.0	6.07	6.35	2.6				
29/4/2025	Cloudy	Moderate	06:46	06:48	5.3	Surface	1.0	23.6	8.2	30.07	92.7	6.61	6.6	1.13	3.2	3.1	3.0	
	Cloudy	Moderate	06:46	06:48	5.3	Surface	1.0	23.6	8.2	30.07	92.7	6.61	1.15	2.5				
	Cloudy	Moderate	06:46	06:48	5.3	Bottom	4.3	23.5	8.2	30.10	90.9	6.50	6.5	5.04				3.6
	Cloudy	Moderate	06:46	06:48	5.3	Bottom	4.3	23.5	8.2	30.10	91.1	6.51	5.46	2.6				



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:35	13:38	5.4	Surface	1.0	18.9	8.0	31.15	95.1	7.34	7.3	4.62	4.6	3.6	3.9
	Cloudy	Moderate	13:35	13:38	5.4	Surface	1.0	18.9	8.0	31.16	95.1	7.34		4.62		3.4	
	Cloudy	Moderate	13:35	13:38	5.4	Bottom	4.4	18.9	8.0	31.16	95.2	7.35	7.4	4.65		4.1	
	Cloudy	Moderate	13:35	13:38	5.4	Bottom	4.4	18.9	8.0	31.15	95.2	7.35		4.69		4.4	
3/4/2025	Fine	Moderate	15:42	15:45	5.1	Surface	1.0	20.2	8.2	30.02	93.1	7.07	7.1	0.83	1.0	1.4	1.5
	Fine	Moderate	15:42	15:45	5.1	Surface	1.0	20.1	8.2	30.02	93.1	7.07		0.86		1.2	
	Fine	Moderate	15:42	15:45	5.1	Bottom	4.1	19.7	8.2	30.03	90.9	6.97	7.0	1.09		1.6	
	Fine	Moderate	15:42	15:45	5.1	Bottom	4.1	19.7	8.2	30.03	90.9	6.97		1.11		1.6	
5/4/2025	Cloudy	Moderate	18:09	18:12	5.2	Surface	1.0	19.9	8.2	29.91	93.0	7.13	7.1	1.43	1.5	1.2	1.4
	Cloudy	Moderate	18:09	18:12	5.2	Surface	1.0	19.9	8.2	29.91	93.0	7.13		1.42		1.4	
	Cloudy	Moderate	18:09	18:12	5.2	Bottom	4.2	19.6	8.2	29.92	92.5	7.09	7.1	1.54		1.5	
	Cloudy	Moderate	18:09	18:12	5.2	Bottom	4.2	19.6	8.2	29.92	92.5	7.09		1.52		1.3	
8/4/2025	Cloudy	Moderate	10:48	10:50	5.5	Surface	1.0	20.5	8.2	30.02	93.3	7.04	7.0	2.02	2.3	3.8	3.3
	Cloudy	Moderate	10:48	10:50	5.5	Surface	1.0	20.4	8.2	30.02	93.0	7.03		2.10		3.3	
	Cloudy	Moderate	10:48	10:50	5.5	Bottom	4.5	20.2	8.2	30.03	90.4	6.87	6.9	2.43		3.2	
	Cloudy	Moderate	10:48	10:50	5.5	Bottom	4.5	20.2	8.2	30.02	90.3	6.86		2.47		3.0	
10/4/2025	Cloudy	Calm	10:19	10:22	5.0	Surface	1.0	21.7	8.1	30.09	105.9	7.82	7.8	1.23	1.7	1.9	2.1
	Cloudy	Calm	10:19	10:22	5.0	Surface	1.0	21.7	8.1	30.08	106.0	7.82		1.31		1.8	
	Cloudy	Calm	10:19	10:22	5.0	Bottom	4.0	20.8	8.1	30.15	94.3	7.07	7.1	2.04		2.2	
	Cloudy	Calm	10:19	10:22	5.0	Bottom	4.0	20.8	8.1	30.15	94.3	7.07		2.06		2.6	
12/4/2025	Foggy	Moderate	11:10	11:12	5.7	Surface	1.0	22.7	8.2	30.00	105.2	7.63	7.6	0.12	0.3	<1.0	1.0
	Foggy	Moderate	11:10	11:12	5.7	Surface	1.0	22.7	8.2	30.00	105.1	7.62		0.15		1.1	
	Foggy	Moderate	11:10	11:12	5.7	Bottom	4.7	22.6	8.2	30.02	102.6	7.46	7.5	0.55		1.0	
	Foggy	Moderate	11:10	11:12	5.7	Bottom	4.7	22.6	8.2	30.02	102.6	7.46		0.57		<1.0	
15/4/2025	Fine	Moderate	12:52	12:55	5.5	Surface	1.0	21.7	8.2	30.45	94.7	6.96	7.0	1.40	2.5	2.9	3.4
	Fine	Moderate	12:52	12:55	5.5	Surface	1.0	21.7	8.1	30.46	94.6	6.96		1.40		3.3	
	Fine	Moderate	12:52	12:55	5.5	Bottom	4.5	21.3	8.1	30.51	83.0	6.15	6.2	3.47		3.8	
	Fine	Moderate	12:52	12:55	5.5	Bottom	4.5	21.3	8.1	30.51	83.0	6.15		3.54		3.4	
17/4/2025	Cloudy	Moderate	13:40	13:42	5.2	Surface	1.0	23.1	8.2	30.92	112.5	8.06	8.0	1.19	2.7	2.4	2.0
	Cloudy	Moderate	13:40	13:42	5.2	Surface	1.0	23.0	8.2	30.93	111.8	8.02		1.26		2.0	
	Cloudy	Moderate	13:40	13:42	5.2	Bottom	4.2	21.9	8.1	30.96	86.7	6.34	6.3	4.13		1.8	
	Cloudy	Moderate	13:40	13:42	5.2	Bottom	4.2	21.9	8.1	30.96	86.8	6.35		4.16		1.8	
22/4/2025	Cloudy	Moderate	19:12	19:13	5.5	Surface	1.0	25.6	8.4	29.20	144.1	9.98	10.0	3.18	3.2	2.2	1.9
	Cloudy	Moderate	19:12	19:13	5.5	Surface	1.0	25.6	8.4	29.10	144.3	10.01		3.18		2.1	
	Cloudy	Moderate	19:12	19:13	5.5	Bottom	4.5	23.9	8.4	29.71	136.0	9.68	9.7	3.18		1.5	
	Cloudy	Moderate	19:12	19:13	5.5	Bottom	4.5	23.9	8.4	29.71	135.7	9.66		3.30		1.6	
24/4/2025	Cloudy	Moderate	10:43	10:44	5.0	Surface	1.0	25.8	8.8	28.50	152.5	10.57	10.6	0.96	1.3	3.8	3.9
	Cloudy	Moderate	10:43	10:44	5.0	Surface	1.0	25.8	8.8	28.49	152.5	10.57		0.95		3.5	
	Cloudy	Moderate	10:43	10:44	5.0	Bottom	4.0	23.9	8.4	29.60	83.1	5.92	5.9	1.57		3.9	
	Cloudy	Moderate	10:43	10:44	5.0	Bottom	4.0	23.9	8.4	29.60	83.2	5.92		1.52		4.4	
26/4/2025	Cloudy	Moderate	11:00	11:02	5.4	Surface	1.0	24.0	8.6	29.03	112.6	8.03	8.0	1.84	3.2	2.1	2.3
	Cloudy	Moderate	11:00	11:02	5.4	Surface	1.0	24.0	8.6	29.03	112.5	8.02		1.86		2.6	
	Cloudy	Moderate	11:00	11:02	5.4	Bottom	4.4	23.9	8.5	29.11	103.4	7.38	7.3	4.83		2.0	
	Cloudy	Moderate	11:00	11:02	5.4	Bottom	4.4	23.9	8.5	29.11	101.9	7.27		4.39		2.6	
29/4/2025	Cloudy	Moderate	12:38	12:40	5.3	Surface	1.0	23.8	8.3	30.10	88.4	6.29	6.3	2.99	3.5	3.0	2.8
	Cloudy	Moderate	12:38	12:40	5.3	Surface	1.0	23.8	8.3	30.10	88.4	6.29		3.09		2.5	
	Cloudy	Moderate	12:38	12:40	5.3	Bottom	4.3	23.6	8.3	30.11	88.2	6.29	6.3	4.14		2.1	
	Cloudy	Moderate	12:38	12:40	5.3	Bottom	4.3	23.6	8.3	30.11	88.3	6.30		3.80		3.5	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	07:55	07:57	5.2	Surface	1.0	18.9	8.0	31.05	96.2	7.43	7.4	4.51	4.4	5.0	5.1
	Cloudy	Moderate	07:55	07:57	5.2	Surface	1.0	18.9	8.0	31.06	96.3	7.44		4.48		4.3	
	Cloudy	Moderate	07:55	07:57	5.2	Bottom	4.2	18.9	8.0	31.09	96.9	7.48	7.5	4.33		5.6	
	Cloudy	Moderate	07:55	07:57	5.2	Bottom	4.2	18.9	8.0	31.09	97.0	7.49		4.32		5.4	
3/4/2025	Cloudy	Moderate	08:38	08:40	4.9	Surface	1.0	20.1	8.2	29.97	93.5	7.11	7.1	0.71	1.1	1.7	1.6
	Cloudy	Moderate	08:38	08:40	4.9	Surface	1.0	20.1	8.2	29.97	93.4	7.11		0.67		1.4	
	Cloudy	Moderate	08:38	08:40	4.9	Bottom	3.9	19.5	8.1	29.99	90.1	6.94	6.9	1.54		1.7	
	Cloudy	Moderate	08:38	08:40	4.9	Bottom	3.9	19.5	8.1	29.99	90.3	6.95		1.54		1.6	
5/4/2025	Rainy	Moderate	08:19	08:21	5.6	Surface	1.0	19.7	8.2	29.76	92.3	7.08	7.1	1.65	2.1	2.4	1.9
	Rainy	Moderate	08:19	08:21	5.6	Surface	1.0	19.7	8.2	29.75	92.3	7.08		1.64		2.4	
	Rainy	Moderate	08:19	08:21	5.6	Bottom	4.6	19.8	8.2	30.01	89.5	6.84	6.8	2.50		1.4	
	Rainy	Moderate	08:19	08:21	5.6	Bottom	4.6	19.8	8.2	30.01	89.6	6.85		2.53		1.4	
8/4/2025	Cloudy	Moderate	14:37	14:39	5.4	Surface	1.0	20.9	8.2	30.06	93.1	6.97	7.0	1.35	3.0	4.1	4.2
	Cloudy	Moderate	14:37	14:39	5.4	Surface	1.0	20.8	8.2	30.07	92.9	6.98		1.67		3.8	
	Cloudy	Moderate	14:37	14:39	5.4	Bottom	4.4	20.2	8.2	30.06	88.5	6.71	6.6	3.74		4.1	
	Cloudy	Moderate	14:37	14:39	5.4	Bottom	4.4	20.2	8.2	30.06	85.1	6.45		5.15		4.9	
10/4/2025	Fine	Calm	16:47	16:50	4.8	Surface	1.0	21.0	8.1	30.15	97.3	7.27	7.3	1.58	2.2	1.8	2.2
	Fine	Calm	16:47	16:50	4.8	Surface	1.0	21.0	8.1	30.15	97.3	7.27		1.47		3.0	
	Fine	Calm	16:47	16:50	4.8	Bottom	3.8	20.8	8.1	30.16	92.6	6.95	7.0	2.79		1.6	
	Fine	Calm	16:47	16:50	4.8	Bottom	3.8	20.8	8.1	30.16	92.7	6.96		2.77		2.2	
12/4/2025	Foggy	Moderate	17:43	17:45	5.3	Surface	1.0	22.5	8.2	29.95	106.3	7.74	7.7	0.14	1.2	<1.0	1.0
	Foggy	Moderate	17:43	17:45	5.3	Surface	1.0	22.5	8.2	29.96	106.2	7.74		0.14		<1.0	
	Foggy	Moderate	17:43	17:45	5.3	Bottom	4.3	22.1	8.2	30.01	94.6	6.94	6.9	2.21		1.0	
	Foggy	Moderate	17:43	17:45	5.3	Bottom	4.3	22.1	8.2	30.01	94.6	6.94		2.28		1.1	
15/4/2025	Fine	Moderate	07:12	07:14	5.8	Surface	1.0	21.5	8.1	31.62	92.0	6.68	6.7	1.23	2.1	3.6	3.4
	Fine	Moderate	07:12	07:14	5.8	Surface	1.0	21.5	8.1	31.63	91.9	6.68		1.20		3.4	
	Fine	Moderate	07:12	07:14	5.8	Bottom	4.8	21.0	8.1	31.72	89.9	6.58	6.6	2.83		3.6	
	Fine	Moderate	07:12	07:14	5.8	Bottom	4.8	21.0	8.1	31.71	89.9	6.58		2.97		3.0	
17/4/2025	Cloudy	Moderate	07:39	07:41	5.7	Surface	1.0	22.8	8.1	30.92	106.3	7.65	7.7	2.56	3.6	1.8	1.9
	Cloudy	Moderate	07:39	07:41	5.7	Surface	1.0	22.8	8.1	30.93	106.2	7.66		2.69		1.7	
	Cloudy	Moderate	07:39	07:41	5.7	Bottom	4.7	21.9	8.1	30.94	92.6	6.77	6.8	4.61		2.1	
	Cloudy	Moderate	07:39	07:41	5.7	Bottom	4.7	22.0	8.1	30.93	92.7	6.77		4.51		2.1	
22/4/2025	Cloudy	Moderate	11:34	11:36	5.2	Surface	1.0	25.0	8.4	29.28	148.0	10.36	10.4	3.16	3.4	1.9	1.8
	Cloudy	Moderate	11:34	11:36	5.2	Surface	1.0	25.0	8.4	29.28	148.1	10.36		3.20		1.6	
	Cloudy	Moderate	11:34	11:36	5.2	Bottom	4.2	24.3	8.4	29.59	136.9	9.67	9.7	3.58		1.8	
	Cloudy	Moderate	11:34	11:36	5.2	Bottom	4.2	24.4	8.4	29.56	137.6	9.71		3.59		2.0	
24/4/2025	Fine	Moderate	14:50	14:52	5.1	Surface	1.0	24.5	8.5	29.15	129.7	9.15	9.2	1.68	1.6	3.6	4.6
	Fine	Moderate	14:50	14:52	5.1	Surface	1.0	24.5	8.5	29.15	129.7	9.16		1.66		5.8	
	Fine	Moderate	14:50	14:52	5.1	Bottom	4.1	24.7	8.5	29.24	134.1	9.44	9.4	1.49		3.9	
	Fine	Moderate	14:50	14:52	5.1	Bottom	4.1	24.7	8.5	29.25	134.2	9.44		1.46		4.9	
26/4/2025	Cloudy	Moderate	16:43	16:45	5.9	Surface	1.0	24.1	8.6	28.94	121.0	8.63	8.6	1.98	2.1	2.0	2.0
	Cloudy	Moderate	16:43	16:45	5.9	Surface	1.0	24.1	8.6	28.95	120.1	8.56		2.07		2.3	
	Cloudy	Moderate	16:43	16:45	5.9	Bottom	4.9	24.0	8.6	28.94	111.5	7.95	8.0	2.14		1.8	
	Cloudy	Moderate	16:43	16:45	5.9	Bottom	4.9	24.0	8.6	28.93	112.5	8.02		2.19		2.0	
29/4/2025	Cloudy	Moderate	06:50	06:52	5.3	Surface	1.0	23.6	8.2	30.06	92.4	6.59	6.6	2.15	3.2	1.8	2.6
	Cloudy	Moderate	06:50	06:52	5.3	Surface	1.0	23.6	8.2	30.06	92.4	6.59		2.16		2.4	
	Cloudy	Moderate	06:50	06:52	5.3	Bottom	4.3	23.5	8.2	30.09	89.0	6.36	6.4	4.29		2.7	
	Cloudy	Moderate	06:50	06:52	5.3	Bottom	4.3	23.5	8.2	30.09	89.0	6.36		4.28		3.3	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:27	13:29	2.4	Middle	1.2	18.9	8.0	31.13	95.8	7.40	7.4	4.88	4.9	6.8	7.0
	Cloudy	Moderate	13:27	13:29	2.4	Middle	1.2	18.9	8.0	31.13	95.9	7.41		4.83		7.2	
3/4/2025	Fine	Moderate	15:35	15:38	2.6	Middle	1.3	20.4	8.2	30.02	94.7	7.16	7.2	1.27	1.3	1.5	1.5
	Fine	Moderate	15:35	15:38	2.6	Middle	1.3	20.4	8.2	30.02	94.7	7.16		1.26		1.4	
5/4/2025	Cloudy	Moderate	18:02	18:04	2.7	Middle	1.4	19.7	8.2	29.93	92.2	7.07	7.1	1.46	1.5	1.4	1.4
	Cloudy	Moderate	18:02	18:04	2.7	Middle	1.4	19.7	8.2	29.93	92.2	7.07		1.45		1.4	
8/4/2025	Cloudy	Moderate	11:03	11:05	2.7	Middle	1.4	20.7	8.2	30.03	96.5	7.26	7.3	1.76	1.8	4.6	4.1
	Cloudy	Moderate	11:03	11:05	2.7	Middle	1.4	20.7	8.2	30.04	96.5	7.26		1.76		3.6	
10/4/2025	Cloudy	Calm	10:31	10:33	2.6	Middle	1.3	21.9	8.1	30.06	111.3	8.17	8.2	1.42	1.4	1.6	1.8
	Cloudy	Calm	10:31	10:33	2.6	Middle	1.3	21.9	8.1	30.06	111.2	8.16		1.43		1.9	
12/4/2025	Foggy	Moderate	11:24	11:26	2.5	Middle	1.3	22.5	8.2	29.93	106.6	7.76	7.8	0.13	0.1	<1.0	1.0
	Foggy	Moderate	11:24	11:26	2.5	Middle	1.3	22.5	8.2	29.93	106.3	7.74		0.14		<1.0	
15/4/2025	Fine	Moderate	12:44	12:46	2.7	Middle	1.4	21.6	8.2	30.45	95.2	7.01	7.0	1.48	1.5	3.2	3.1
	Fine	Moderate	12:44	12:46	2.7	Middle	1.4	21.7	8.2	30.45	95.2	7.01		1.48		3.0	
17/4/2025	Cloudy	Moderate	13:35	13:37	2.8	Middle	1.4	22.6	8.1	30.93	108.9	7.88	7.9	1.28	1.3	2.2	2.3
	Cloudy	Moderate	13:35	13:37	2.8	Middle	1.4	22.6	8.1	30.93	109.1	7.88		1.24		2.4	
22/4/2025	Cloudy	Moderate	19:06	19:07	2.8	Middle	1.4	24.6	8.5	29.25	164.4	11.57	11.6	3.18	3.2	2.2	2.7
	Cloudy	Moderate	19:06	19:07	2.8	Middle	1.4	24.7	8.5	29.24	164.4	11.57		3.15		3.1	
24/4/2025	Cloudy	Moderate	10:51	10:53	2.6	Middle	1.3	26.5	8.8	28.47	197.6	13.54	13.5	1.37	1.4	4.8	5.2
	Cloudy	Moderate	10:51	10:53	2.6	Middle	1.3	26.5	8.8	28.47	197.5	13.54		1.39		5.6	
26/4/2025	Cloudy	Moderate	11:07	11:09	2.3	Middle	1.2	24.1	8.6	28.85	114.2	8.14	8.1	1.68	1.7	1.2	1.8
	Cloudy	Moderate	11:07	11:09	2.3	Middle	1.2	24.1	8.6	28.84	113.9	8.12		1.69		2.4	
29/4/2025	Cloudy	Moderate	12:23	12:25	2.8	Middle	1.4	24.1	8.3	29.89	97.4	6.89	6.9	1.48	1.5	3.7	3.5
	Cloudy	Moderate	12:23	12:25	2.8	Middle	1.4	24.2	8.3	29.88	97.7	6.91		1.51		3.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	08:02	08:04	2.3	Middle	1.2	18.9	8.0	31.07	96.1	7.43	7.4	5.18	5.2	3.9	3.8
	Cloudy	Moderate	08:02	08:04	2.3	Middle	1.2	18.9	8.0	31.07	96.3	7.45		5.19		3.6	
3/4/2025	Cloudy	Moderate	08:53	08:55	2.3	Middle	1.2	19.6	8.2	30.03	93.8	7.19	7.2	0.32	0.4	1.4	1.4
	Cloudy	Moderate	08:53	08:55	2.3	Middle	1.2	19.6	8.2	30.03	93.7	7.19		0.39		1.3	
5/4/2025	Rainy	Moderate	08:32	08:34	2.5	Middle	1.3	19.7	8.2	29.36	93.8	7.22	7.2	0.51	0.5	1.2	1.3
	Rainy	Moderate	08:32	08:34	2.5	Middle	1.3	19.7	8.2	29.35	93.8	7.22		0.52		1.3	
8/4/2025	Cloudy	Moderate	14:26	14:28	2.5	Middle	1.3	21.1	8.2	30.06	100.1	7.47	7.5	0.56	0.5	6.0	5.6
	Cloudy	Moderate	14:26	14:28	2.5	Middle	1.3	21.1	8.2	30.05	100.0	7.45		0.53		5.1	
10/4/2025	Fine	Calm	16:39	16:42	2.1	Middle	1.1	21.5	8.2	30.01	108.3	8.02	8.0	1.01	1.0	2.0	2.5
	Fine	Calm	16:39	16:42	2.1	Middle	1.1	21.5	8.2	30.01	108.2	8.01		1.03		3.0	
12/4/2025	Foggy	Moderate	17:34	17:36	2.8	Middle	1.4	22.4	8.3	29.95	106.8	7.78	7.8	0.22	0.2	<1.0	1.0
	Foggy	Moderate	17:34	17:36	2.8	Middle	1.4	22.5	8.3	29.95	106.8	7.78		0.22		<1.0	
15/4/2025	Fine	Moderate	07:22	07:25	2.4	Middle	1.2	21.3	8.1	31.62	92.0	6.71	6.7	0.92	1.0	3.2	3.6
	Fine	Moderate	07:22	07:25	2.4	Middle	1.2	21.2	8.1	31.62	91.9	6.70		1.05		4.0	
17/4/2025	Cloudy	Moderate	07:45	07:47	2.6	Middle	1.3	23.1	8.1	30.92	112.9	8.09	8.1	1.67	1.6	1.9	2.1
	Cloudy	Moderate	07:45	07:47	2.6	Middle	1.3	23.1	8.1	30.92	112.8	8.08		1.62		2.3	
22/4/2025	Cloudy	Moderate	11:41	11:43	2.3	Middle	1.2	24.4	8.4	29.30	144.5	10.22	10.2	3.17	3.2	2.1	1.7
	Cloudy	Moderate	11:41	11:43	2.3	Middle	1.2	24.4	8.4	29.31	144.2	10.20		3.16		1.3	
24/4/2025	Fine	Moderate	14:42	14:45	2.8	Middle	1.4	25.1	8.5	29.19	135.9	9.49	9.5	0.88	0.9	5.2	6.0
	Fine	Moderate	14:42	14:45	2.8	Middle	1.4	25.1	8.5	29.20	135.7	9.48		0.88		6.7	
26/4/2025	Cloudy	Moderate	16:29	16:31	2.6	Middle	1.3	24.1	8.6	28.77	112.9	8.04	8.0	2.30	2.3	3.2	3.0
	Cloudy	Moderate	16:29	16:31	2.6	Middle	1.3	24.1	8.6	28.77	112.7	8.03		2.30		2.8	
29/4/2025	Cloudy	Moderate	06:56	06:58	2.2	Middle	1.1	24.1	8.2	29.85	87.4	6.19	6.2	1.14	1.1	3.2	3.3
	Cloudy	Moderate	06:56	06:58	2.2	Middle	1.1	24.1	8.2	29.85	87.4	6.19		1.14		3.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:16	13:17	5.7	Surface	1.0	18.7	8.0	31.09	94.4	7.33	7.3	3.87	3.8	4.4	4.8
	Cloudy	Moderate	13:16	13:17	5.7	Surface	1.0	18.6	8.0	31.08	94.4	7.33		3.91		5.0	
	Cloudy	Moderate	13:16	13:17	5.7	Bottom	4.7	18.6	8.0	31.06	94.6	7.35	7.4	3.74		4.9	
	Cloudy	Moderate	13:16	13:17	5.7	Bottom	4.7	18.6	8.0	31.06	94.7	7.36		3.68		4.9	
3/4/2025	Fine	Moderate	15:20	15:22	3.9	Surface	1.0	20.0	8.2	29.99	96.1	7.32	7.3	1.22	1.1	2.1	1.5
	Fine	Moderate	15:20	15:22	3.9	Surface	1.0	20.0	8.2	29.99	96.1	7.32		1.24		1.4	
	Fine	Moderate	15:20	15:22	3.9	Bottom	2.9	19.4	8.2	30.00	94.2	7.25	7.3	1.05		1.2	
	Fine	Moderate	15:20	15:22	3.9	Bottom	2.9	19.4	8.2	30.00	94.2	7.25		1.07		1.4	
5/4/2025	Cloudy	Moderate	17:47	17:49	3.9	Surface	1.0	19.8	8.2	29.75	96.3	7.37	7.4	0.53	0.5	1.3	1.2
	Cloudy	Moderate	17:47	17:49	3.9	Surface	1.0	19.8	8.2	29.75	96.3	7.37		0.52		1.3	
	Cloudy	Moderate	17:47	17:49	3.9	Bottom	2.9	19.8	8.2	29.57	96.5	7.39	7.4	0.43		<1.0	
	Cloudy	Moderate	17:47	17:49	3.9	Bottom	2.9	19.8	8.2	29.55	96.5	7.39		0.39		<1.0	
8/4/2025	Cloudy	Moderate	11:12	11:14	4.5	Surface	1.0	20.7	8.2	30.02	96.9	7.29	7.3	0.21	0.4	2.8	2.6
	Cloudy	Moderate	11:12	11:14	4.5	Surface	1.0	20.7	8.2	30.02	96.9	7.29		0.21		2.0	
	Cloudy	Moderate	11:12	11:14	4.5	Bottom	3.5	20.4	8.2	30.01	93.5	7.07	7.0	0.57		2.9	
	Cloudy	Moderate	11:12	11:14	4.5	Bottom	3.5	20.4	8.2	30.01	92.8	7.02		0.79		2.5	
10/4/2025	Cloudy	Calm	10:44	10:46	3.8	Surface	1.0	22.3	8.2	30.04	113.7	8.25	8.3	1.46	1.4	2.7	2.3
	Cloudy	Calm	10:44	10:46	3.8	Surface	1.0	22.3	8.2	30.04	113.5	8.25		1.48		2.3	
	Cloudy	Calm	10:44	10:46	3.8	Bottom	2.8	21.1	8.1	30.07	97.1	7.25	7.3	1.44		2.1	
	Cloudy	Calm	10:44	10:46	3.8	Bottom	2.8	21.1	8.1	30.07	97.2	7.25		1.40		2.0	
12/4/2025	Foggy	Moderate	11:35	11:37	4.7	Surface	1.0	22.4	8.2	30.00	101.9	7.43	7.4	0.27	2.4	<1.0	1.0
	Foggy	Moderate	11:35	11:37	4.7	Surface	1.0	22.3	8.2	30.01	101.8	7.43		0.59		<1.0	
	Foggy	Moderate	11:35	11:37	4.7	Bottom	3.7	22.0	8.1	30.04	89.8	6.60	6.6	4.37		<1.0	
	Foggy	Moderate	11:35	11:37	4.7	Bottom	3.7	22.0	8.1	30.04	90.0	6.62		4.37		<1.0	
15/4/2025	Fine	Moderate	12:37	12:39	5.2	Surface	1.0	21.5	8.1	30.49	94.6	6.98	7.0	2.11	2.3	3.7	4.0
	Fine	Moderate	12:37	12:39	5.2	Surface	1.0	21.4	8.1	30.50	94.4	6.98		2.31		4.4	
	Fine	Moderate	12:37	12:39	5.2	Bottom	4.2	21.1	8.1	30.50	85.2	6.37	6.4	2.45		4.0	
	Fine	Moderate	12:37	12:39	5.2	Bottom	4.2	21.1	8.1	30.50	85.4	6.35		2.19		4.0	
17/4/2025	Cloudy	Moderate	13:27	13:29	5.2	Surface	1.0	22.4	8.1	30.95	110.0	7.98	8.0	1.84	2.9	1.6	1.8
	Cloudy	Moderate	13:27	13:29	5.2	Surface	1.0	22.3	8.1	30.95	110.0	8.00		2.12		1.5	
	Cloudy	Moderate	13:27	13:29	5.2	Bottom	4.2	21.9	8.1	30.92	97.5	7.14	7.2	3.75		2.1	
	Cloudy	Moderate	13:27	13:29	5.2	Bottom	4.2	21.9	8.1	30.92	98.0	7.17		3.75		1.8	
22/4/2025	Cloudy	Moderate	18:53	18:55	5.5	Surface	1.0	25.3	8.4	29.60	154.6	10.75	10.7	3.06	3.6	1.2	1.6
	Cloudy	Moderate	18:53	18:55	5.5	Surface	1.0	25.3	8.4	29.60	154.4	10.73		3.05		1.5	
	Cloudy	Moderate	18:53	18:55	5.5	Bottom	4.5	23.0	8.1	30.49	89.0	6.40	6.4	4.13		1.8	
	Cloudy	Moderate	18:53	18:55	5.5	Bottom	4.5	23.0	8.1	30.50	88.9	6.40		4.14		1.7	
24/4/2025	Cloudy	Moderate	10:59	11:02	3.3	Surface	1.0	25.6	8.8	28.74	204.5	14.22	14.2	2.33	1.3	3.7	5.5
	Cloudy	Moderate	10:59	11:02	3.3	Surface	1.0	25.6	8.7	28.74	204.5	14.22		2.36		5.3	
	Cloudy	Moderate	10:59	11:02	3.3	Bottom	2.3	24.9	8.5	28.99	143.1	10.05	10.0	0.31		6.9	
	Cloudy	Moderate	10:59	11:02	3.3	Bottom	2.3	24.9	8.5	28.99	142.7	10.03		0.38		6.1	
26/4/2025	Cloudy	Moderate	11:17	11:19	5.2	Surface	1.0	24.1	8.7	28.73	118.7	8.46	8.5	2.16	4.5	3.8	2.8
	Cloudy	Moderate	11:17	11:19	5.2	Surface	1.0	24.1	8.7	28.74	118.5	8.45		2.14		2.2	
	Cloudy	Moderate	11:17	11:19	5.2	Bottom	4.2	23.8	8.6	29.01	105.4	7.54	7.4	6.77		2.6	
	Cloudy	Moderate	11:17	11:19	5.2	Bottom	4.2	23.8	8.5	29.04	101.7	7.28		6.78		2.4	
29/4/2025	Cloudy	Moderate	12:16	12:19	5.5	Surface	1.0	24.0	8.3	29.94	100.4	7.12	7.1	1.56	2.3	3.0	2.9
	Cloudy	Moderate	12:16	12:19	5.5	Surface	1.0	24.0	8.3	29.94	100.4	7.12		1.60		3.0	
	Cloudy	Moderate	12:16	12:19	5.5	Bottom	4.5	23.7	8.3	30.03	96.8	6.89	6.9	3.09		2.6	
	Cloudy	Moderate	12:16	12:19	5.5	Bottom	4.5	23.7	8.3	30.03	96.7	6.88		3.05		3.0	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	08:11	08:13	4.5	Surface	1.0	18.4	8.0	30.99	93.3	7.27	7.3	3.72	3.6	3.8	4.0
	Cloudy	Moderate	08:11	08:13	4.5	Surface	1.0	18.4	8.0	30.99	93.4	7.28		3.72		4.2	
	Cloudy	Moderate	08:11	08:13	4.5	Bottom	3.5	18.4	8.0	30.99	93.9	7.33	7.3	3.50		4.0	
	Cloudy	Moderate	08:11	08:13	4.5	Bottom	3.5	18.4	8.0	30.99	94.0	7.33		3.49		4.1	
3/4/2025	Cloudy	Moderate	09:07	09:10	3.4	Surface	1.0	19.9	8.2	30.01	92.2	7.04	7.0	0.38	0.8	1.5	1.5
	Cloudy	Moderate	09:07	09:10	3.4	Surface	1.0	19.9	8.2	30.01	92.2	7.04		0.40		1.6	
	Cloudy	Moderate	09:07	09:10	3.4	Bottom	2.4	19.5	8.2	30.05	92.0	7.08	7.1	1.16		1.4	
	Cloudy	Moderate	09:07	09:10	3.4	Bottom	2.4	19.5	8.2	30.05	92.1	7.08		1.16		1.4	
5/4/2025	Rainy	Moderate	08:49	08:52	3.6	Surface	1.0	19.7	8.2	29.36	93.7	7.21	7.2	0.63	0.9	1.7	1.5
	Rainy	Moderate	08:49	08:52	3.6	Surface	1.0	19.7	8.2	29.36	93.7	7.21		0.60		1.9	
	Rainy	Moderate	08:49	08:52	3.6	Bottom	2.6	19.8	8.2	29.91	89.7	6.87	6.9	1.26		1.3	
	Rainy	Moderate	08:49	08:52	3.6	Bottom	2.6	19.8	8.2	29.91	89.8	6.87		1.25		1.2	
8/4/2025	Cloudy	Moderate	14:17	14:20	5.4	Surface	1.0	20.9	8.2	30.01	99.9	7.49	7.5	0.13	0.2	6.3	5.9
	Cloudy	Moderate	14:17	14:20	5.4	Surface	1.0	20.9	8.2	30.01	99.9	7.49		0.14		5.9	
	Cloudy	Moderate	14:17	14:20	5.4	Bottom	4.4	20.5	8.2	30.01	97.2	7.34	7.3	0.34		5.8	
	Cloudy	Moderate	14:17	14:20	5.4	Bottom	4.4	20.5	8.2	30.02	97.3	7.35		0.29		5.5	
10/4/2025	Fine	Calm	16:21	16:23	3.2	Surface	1.0	21.0	8.1	30.11	98.3	7.35	7.4	1.21	1.6	1.9	2.0
	Fine	Calm	16:21	16:23	3.2	Surface	1.0	21.0	8.1	30.11	98.4	7.35		1.22		2.3	
	Fine	Calm	16:21	16:23	3.2	Bottom	2.2	20.8	8.1	30.11	91.3	6.84	6.9	1.89		1.4	
	Fine	Calm	16:21	16:23	3.2	Bottom	2.2	20.8	8.1	30.11	91.6	6.87		1.97		2.2	
12/4/2025	Foggy	Moderate	17:28	17:30	4.8	Surface	1.0	22.3	8.2	29.99	106.2	7.76	7.8	0.85	1.0	<1.0	1.1
	Foggy	Moderate	17:28	17:30	4.8	Surface	1.0	22.2	8.2	30.00	106.0	7.76		1.05		1.3	
	Foggy	Moderate	17:28	17:30	4.8	Bottom	3.8	21.9	8.2	30.00	96.8	7.13	7.1	1.19		<1.0	
	Foggy	Moderate	17:28	17:30	4.8	Bottom	3.8	21.9	8.2	30.00	97.0	7.14		0.93		<1.0	
15/4/2025	Fine	Moderate	07:35	07:37	5.9	Surface	1.0	21.6	8.1	31.58	89.9	6.51	6.5	0.34	1.5	3.6	3.8
	Fine	Moderate	07:35	07:37	5.9	Surface	1.0	21.6	8.1	31.59	90.0	6.52		0.35		3.6	
	Fine	Moderate	07:35	07:37	5.9	Bottom	4.9	21.2	8.1	31.60	92.4	6.74	6.7	2.81		3.7	
	Fine	Moderate	07:35	07:37	5.9	Bottom	4.9	21.2	8.1	31.60	92.5	6.75		2.52		4.2	
17/4/2025	Cloudy	Moderate	07:50	07:51	5.7	Surface	1.0	23.0	8.1	30.92	110.0	7.90	7.9	1.31	2.4	1.3	1.6
	Cloudy	Moderate	07:50	07:51	5.7	Surface	1.0	23.0	8.1	30.91	109.9	7.89		1.32		2.0	
	Cloudy	Moderate	07:50	07:51	5.7	Bottom	4.7	22.0	8.1	30.94	99.2	7.25	7.3	3.21		1.5	
	Cloudy	Moderate	07:50	07:51	5.7	Bottom	4.7	22.0	8.1	30.94	99.4	7.26		3.82		1.7	
22/4/2025	Cloudy	Moderate	11:51	11:53	5.5	Surface	1.0	25.1	8.4	29.65	151.7	10.57	10.6	3.21	4.6	1.5	1.9
	Cloudy	Moderate	11:51	11:53	5.5	Surface	1.0	25.1	8.4	29.69	151.4	10.56		3.25		2.2	
	Cloudy	Moderate	11:51	11:53	5.5	Bottom	4.5	22.9	8.2	30.56	94.7	6.83	6.8	5.70		1.7	
	Cloudy	Moderate	11:51	11:53	5.5	Bottom	4.5	22.9	8.2	30.55	94.9	6.85		6.26		2.0	
24/4/2025	Fine	Moderate	14:31	14:34	3.4	Surface	1.0	25.0	8.6	29.00	158.7	11.13	11.1	0.61	1.0	3.7	4.2
	Fine	Moderate	14:31	14:34	3.4	Surface	1.0	24.9	8.6	29.02	158.5	11.12		0.65		5.4	
	Fine	Moderate	14:31	14:34	3.4	Bottom	2.4	24.7	8.6	29.10	145.4	10.25	10.3	1.45		4.2	
	Fine	Moderate	14:31	14:34	3.4	Bottom	2.4	24.7	8.5	29.10	145.4	10.25		1.44		3.3	
26/4/2025	Cloudy	Moderate	16:24	16:26	5.4	Surface	1.0	24.1	8.6	28.76	111.3	7.94	7.9	2.21	2.8	1.7	1.6
	Cloudy	Moderate	16:24	16:26	5.4	Surface	1.0	24.1	8.6	28.78	111.1	7.93		2.64		1.3	
	Cloudy	Moderate	16:24	16:26	5.4	Bottom	4.4	23.6	8.5	29.21	96.4	6.91	6.9	3.02		1.4	
	Cloudy	Moderate	16:24	16:26	5.4	Bottom	4.4	23.6	8.5	29.20	96.5	6.92		3.52		2.0	
29/4/2025	Cloudy	Moderate	07:07	07:09	5.8	Surface	1.0	24.1	8.2	29.85	87.2	6.18	6.2	1.15	1.5	3.6	3.7
	Cloudy	Moderate	07:07	07:09	5.8	Surface	1.0	24.1	8.2	29.85	87.2	6.18		1.15		3.8	
	Cloudy	Moderate	07:07	07:09	5.8	Bottom	4.8	23.8	8.2	30.06	86.5	6.16	6.2	1.83		4.0	
	Cloudy	Moderate	07:07	07:09	5.8	Bottom	4.8	23.8	8.2	30.06	86.5	6.16		1.84		3.3	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:12	13:14	2.3	Middle	1.2	18.6	8.0	31.01	93.4	7.26	7.3	3.68	3.7	5.3	5.3
	Cloudy	Moderate	13:12	13:14	2.3	Middle	1.2	18.5	8.0	31.01	93.4	7.27		3.68		5.2	
3/4/2025	Fine	Moderate	15:11	15:13	2.8	Middle	1.4	19.5	8.2	30.00	95.4	7.34	7.3	1.27	1.3	1.3	1.3
	Fine	Moderate	15:11	15:13	2.8	Middle	1.4	19.5	8.2	30.00	95.4	7.34		1.27		1.2	
5/4/2025	Cloudy	Moderate	17:38	17:40	2.8	Middle	1.4	19.8	8.2	29.68	96.6	7.41	7.4	0.28	0.3	1.2	1.3
	Cloudy	Moderate	17:38	17:40	2.8	Middle	1.4	19.8	8.2	29.68	96.6	7.41		0.28		1.4	
8/4/2025	Cloudy	Moderate	11:18	11:20	2.8	Middle	1.4	20.4	8.2	30.00	90.0	6.81	6.8	0.92	0.8	2.2	2.8
	Cloudy	Moderate	11:18	11:20	2.8	Middle	1.4	20.4	8.2	30.00	90.0	6.81		0.70		3.3	
10/4/2025	Cloudy	Calm	10:53	10:55	2.7	Middle	1.4	21.6	8.2	30.03	107.7	7.97	8.0	0.66	0.7	2.7	2.6
	Cloudy	Calm	10:53	10:55	2.7	Middle	1.4	21.6	8.1	30.04	107.7	7.97		0.68		2.4	
12/4/2025	Foggy	Moderate	11:44	11:46	2.6	Middle	1.3	22.3	8.2	29.95	102.1	7.46	7.4	0.26	0.3	<1.0	1.0
	Foggy	Moderate	11:44	11:46	2.6	Middle	1.3	22.3	8.2	29.95	101.8	7.43		0.28		<1.0	
15/4/2025	Fine	Moderate	12:23	12:24	2.3	Middle	1.2	21.4	8.1	30.47	91.8	6.77	6.8	1.55	1.6	3.1	3.5
	Fine	Moderate	12:23	12:24	2.3	Middle	1.2	21.4	8.1	30.47	91.6	6.77		1.56		3.8	
17/4/2025	Cloudy	Moderate	13:21	13:23	2.2	Middle	1.1	22.6	8.2	30.91	110.9	8.01	8.0	1.11	1.1	2.1	1.9
	Cloudy	Moderate	13:21	13:23	2.2	Middle	1.1	22.7	8.2	30.91	110.9	8.00		1.12		1.7	
22/4/2025	Cloudy	Moderate	18:47	18:48	2.7	Middle	1.4	25.2	8.4	29.68	153.7	10.69	10.7	2.94	2.9	1.7	1.8
	Cloudy	Moderate	18:47	18:48	2.7	Middle	1.4	25.2	8.4	29.68	153.6	10.69		2.95		1.9	
24/4/2025	Cloudy	Moderate	11:06	11:08	2.8	Middle	1.4	26.0	8.7	28.55	175.2	12.10	12.1	1.41	1.4	2.1	2.3
	Cloudy	Moderate	11:06	11:08	2.8	Middle	1.4	26.0	8.7	28.55	175.2	12.10		1.38		2.4	
26/4/2025	Cloudy	Moderate	11:21	11:23	2.7	Middle	1.4	24.1	8.6	28.70	115.8	8.26	8.3	1.60	1.6	2.6	2.4
	Cloudy	Moderate	11:21	11:23	2.7	Middle	1.4	24.1	8.6	28.70	115.7	8.25		1.62		2.1	
29/4/2025	Cloudy	Moderate	12:05	12:07	2.7	Middle	1.4	24.0	8.2	29.96	91.6	6.50	6.5	1.59	1.6	4.2	3.4
	Cloudy	Moderate	12:05	12:07	2.7	Middle	1.4	24.0	8.2	29.96	91.7	6.50		1.59		2.6	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	08:16	08:18	2.5	Middle	1.3	18.6	8.0	31.04	96.7	7.51	7.5	3.30	3.3	4.0	4.2
	Cloudy	Moderate	08:16	08:18	2.5	Middle	1.3	18.6	8.0	31.03	96.9	7.53		3.31		4.3	
3/4/2025	Cloudy	Moderate	09:15	09:17	2.6	Middle	1.3	19.5	8.2	30.04	91.9	7.07	7.1	1.60	1.6	1.3	1.6
	Cloudy	Moderate	09:15	09:17	2.6	Middle	1.3	19.5	8.2	30.04	91.9	7.07		1.64		1.9	
5/4/2025	Rainy	Moderate	09:02	09:04	2.4	Middle	1.2	20.0	8.2	29.88	91.3	6.96	7.0	1.07	1.1	1.0	1.2
	Rainy	Moderate	09:02	09:04	2.4	Middle	1.2	20.0	8.2	29.90	91.3	6.96		1.03		1.3	
8/4/2025	Cloudy	Moderate	14:13	14:15	2.1	Middle	1.1	20.6	8.2	30.01	97.9	7.38	7.4	0.15	0.2	5.9	5.8
	Cloudy	Moderate	14:13	14:15	2.1	Middle	1.1	20.6	8.2	30.01	98.0	7.38		0.19		5.7	
10/4/2025	Fine	Calm	16:11	16:13	2.3	Middle	1.2	21.1	8.1	30.02	105.2	7.85	7.9	1.13	1.1	2.3	2.3
	Fine	Calm	16:11	16:13	2.3	Middle	1.2	21.1	8.1	30.02	105.2	7.85		1.15		2.2	
12/4/2025	Foggy	Moderate	17:14	17:16	2.2	Middle	1.1	22.2	8.2	29.97	103.4	7.58	7.6	0.29	0.3	<1.0	1.0
	Foggy	Moderate	17:14	17:16	2.2	Middle	1.1	22.2	8.2	29.97	103.2	7.56		0.30		<1.0	
15/4/2025	Fine	Moderate	07:43	07:45	2.5	Middle	1.3	21.4	8.0	31.57	90.6	6.59	6.6	0.26	0.3	4.7	4.2
	Fine	Moderate	07:43	07:45	2.5	Middle	1.3	21.4	8.0	31.57	90.7	6.59		0.32		3.6	
17/4/2025	Cloudy	Moderate	07:57	07:59	2.7	Middle	1.4	23.1	8.1	30.91	104.2	7.47	7.4	1.16	1.1	1.7	1.8
	Cloudy	Moderate	07:57	07:59	2.7	Middle	1.4	23.1	8.1	30.91	103.4	7.41		1.10		1.9	
22/4/2025	Cloudy	Moderate	11:55	11:57	2.8	Middle	1.4	25.4	8.4	29.51	151.2	10.50	10.5	2.98	3.0	1.6	1.4
	Cloudy	Moderate	11:55	11:57	2.8	Middle	1.4	25.4	8.4	29.51	150.5	10.45		2.99		1.1	
24/4/2025	Fine	Moderate	14:24	14:27	2.9	Middle	1.5	25.2	8.6	28.93	162.1	11.33	11.3	1.61	1.6	3.2	2.7
	Fine	Moderate	14:24	14:27	2.9	Middle	1.5	25.2	8.6	28.93	162.1	11.33		1.64		2.1	
26/4/2025	Cloudy	Moderate	16:11	16:13	2.6	Middle	1.3	24.1	8.7	28.71	119.4	8.51	8.5	1.55	1.6	2.0	1.9
	Cloudy	Moderate	16:11	16:13	2.6	Middle	1.3	24.1	8.7	28.71	119.3	8.50		1.60		1.8	
29/4/2025	Cloudy	Moderate	07:11	07:13	2.5	Middle	1.3	24.0	8.2	29.87	91.4	6.48	6.5	1.40	1.4	3.3	3.2
	Cloudy	Moderate	07:11	07:13	2.5	Middle	1.3	24.0	8.2	29.87	91.5	6.49		1.39		3.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:05	13:07	1.8	Middle	0.9	18.4	8.0	30.98	93.9	7.33	7.3	3.55	3.5	5.4	5.0
	Cloudy	Moderate	13:05	13:07	1.8	Middle	0.9	18.4	8.0	30.98	94.0	7.33		3.54		4.5	
3/4/2025	Fine	Moderate	15:00	15:02	1.9	Middle	1.0	20.0	8.2	29.87	97.7	7.45	7.5	1.63	1.6	1.2	1.3
	Fine	Moderate	15:00	15:02	1.9	Middle	1.0	20.0	8.2	29.87	97.7	7.45		1.65		1.3	
5/4/2025	Cloudy	Moderate	17:29	17:32	1.8	Middle	0.9	19.7	8.2	30.02	94.6	7.25	7.3	0.54	0.5	1.3	1.4
	Cloudy	Moderate	17:29	17:32	1.8	Middle	0.9	19.7	8.2	30.02	94.6	7.25		0.53		1.5	
8/4/2025	Cloudy	Moderate	11:24	11:26	1.8	Middle	0.9	20.4	8.2	30.00	92.0	6.96	6.9	0.25	0.3	4.3	4.6
	Cloudy	Moderate	11:24	11:26	1.8	Middle	0.9	20.4	8.2	30.00	91.2	6.90		0.42		4.8	
10/4/2025	Cloudy	Calm	11:02	11:04	1.5	Middle	0.8	21.3	8.1	30.09	106.7	7.93	7.9	0.44	0.4	1.7	2.2
	Cloudy	Calm	11:02	11:04	1.5	Middle	0.8	21.2	8.1	30.10	105.2	7.83		0.36		2.6	
12/4/2025	Foggy	Moderate	11:51	11:52	1.8	Middle	0.9	22.4	8.2	29.96	104.2	7.60	7.6	0.28	0.3	<1.0	1.0
	Foggy	Moderate	11:51	11:52	1.8	Middle	0.9	22.4	8.2	29.97	104.1	7.60		0.28		<1.0	
15/4/2025	Fine	Moderate	12:19	12:21	1.8	Middle	0.9	21.4	8.1	30.46	89.9	6.64	6.6	1.92	2.0	4.8	4.3
	Fine	Moderate	12:19	12:21	1.8	Middle	0.9	21.4	8.1	30.46	89.8	6.64		2.02		3.8	
17/4/2025	Cloudy	Moderate	13:16	13:18	2.0	Middle	1.0	22.7	8.2	30.93	112.2	8.10	8.1	1.07	1.1	1.8	2.0
	Cloudy	Moderate	13:16	13:18	2.0	Middle	1.0	22.7	8.2	30.92	112.3	8.11		1.05		2.2	
22/4/2025	Cloudy	Moderate	18:38	18:40	1.8	Middle	0.9	25.3	8.4	29.44	150.9	10.49	10.5	3.00	3.2	1.3	1.6
	Cloudy	Moderate	18:38	18:40	1.8	Middle	0.9	25.3	8.4	29.47	150.2	10.45		3.31		1.8	
24/4/2025	Cloudy	Moderate	11:11	11:13	1.4	Middle	0.7	25.4	8.8	28.75	217.4	15.14	15.1	6.47	6.6	6.4	6.7
	Cloudy	Moderate	11:11	11:13	1.4	Middle	0.7	25.4	8.8	28.76	217.4	15.14		6.73		6.9	
26/4/2025	Cloudy	Moderate	11:26	11:28	1.4	Middle	0.7	24.1	8.6	28.69	117.4	8.37	8.4	1.60	1.6	2.0	2.2
	Cloudy	Moderate	11:26	11:28	1.4	Middle	0.7	24.1	8.6	28.69	117.4	8.37		1.60		2.3	
29/4/2025	Cloudy	Moderate	12:00	12:02	1.6	Middle	0.8	24.0	8.2	29.97	94.3	6.68	6.7	1.95	2.0	3.2	3.3
	Cloudy	Moderate	12:00	12:02	1.6	Middle	0.8	24.0	8.2	29.97	94.5	6.69		1.97		3.3	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	08:21	08:23	1.8	Middle	0.9	18.7	8.0	31.05	94.6	7.34	7.4	3.33	3.3	5.0	4.7
	Cloudy	Moderate	08:21	08:23	1.8	Middle	0.9	18.7	8.0	31.05	94.8	7.36		3.32		4.4	
3/4/2025	Cloudy	Moderate	09:24	09:26	1.4	Middle	0.7	20.0	8.2	29.98	94.3	7.18	7.2	1.30	1.3	1.5	1.4
	Cloudy	Moderate	09:24	09:26	1.4	Middle	0.7	20.0	8.2	29.98	94.3	7.18		1.30		1.2	
5/4/2025	Rainy	Moderate	09:10	09:12	1.3	Middle	0.7	19.7	8.2	30.04	93.4	7.16	7.2	2.84	2.8	1.6	1.5
	Rainy	Moderate	09:10	09:12	1.3	Middle	0.7	19.7	8.2	30.04	93.4	7.16		2.82		1.4	
8/4/2025	Cloudy	Moderate	14:08	14:10	2.0	Middle	1.0	20.5	8.2	30.01	97.8	7.37	7.4	0.26	0.2	5.5	5.3
	Cloudy	Moderate	14:08	14:10	2.0	Middle	1.0	20.5	8.2	30.00	97.7	7.37		0.23		5.1	
10/4/2025	Fine	Calm	15:57	16:00	1.2	Middle	0.6	21.0	8.1	30.06	103.7	7.75	7.8	2.03	2.0	2.2	2.7
	Fine	Calm	15:57	16:00	1.2	Middle	0.6	21.0	8.1	30.05	103.7	7.75		2.06		3.2	
12/4/2025	Foggy	Moderate	17:09	17:11	1.6	Middle	0.8	22.2	8.2	29.96	101.5	7.44	7.4	0.66	0.7	<1.0	1.0
	Foggy	Moderate	17:09	17:11	1.6	Middle	0.8	22.2	8.2	29.96	101.4	7.43		0.76		<1.0	
15/4/2025	Fine	Moderate	07:52	07:54	1.6	Middle	0.8	21.5	8.0	31.57	90.0	6.54	6.5	0.20	0.2	4.8	4.6
	Fine	Moderate	07:52	07:54	1.6	Middle	0.8	21.5	8.0	31.57	90.1	6.55		0.20		4.3	
17/4/2025	Cloudy	Moderate	08:05	08:07	1.6	Middle	0.8	23.1	8.1	30.91	106.0	7.60	7.6	1.13	1.1	2.1	2.0
	Cloudy	Moderate	08:05	08:07	1.6	Middle	0.8	23.1	8.1	30.91	106.0	7.60		1.15		1.8	
22/4/2025	Cloudy	Moderate	12:00	12:02	1.2	Middle	0.6	25.3	8.4	29.55	153.1	10.64	10.6	3.11	3.1	1.9	1.5
	Cloudy	Moderate	12:00	12:02	1.2	Middle	0.6	25.3	8.4	29.54	153.0	10.63		3.10		1.1	
24/4/2025	Fine	Moderate	14:17	14:19	1.7	Middle	0.9	24.8	8.6	29.07	153.1	10.76	10.8	1.43	1.4	4.3	4.4
	Fine	Moderate	14:17	14:19	1.7	Middle	0.9	24.8	8.6	29.07	153.1	10.76		1.45		4.4	
26/4/2025	Cloudy	Moderate	16:05	16:07	2.2	Middle	1.1	24.1	8.6	28.70	117.1	8.35	8.3	2.33	2.4	2.3	2.0
	Cloudy	Moderate	16:05	16:07	2.2	Middle	1.1	24.0	8.6	28.77	116.7	8.34		2.55		1.7	
29/4/2025	Cloudy	Moderate	07:16	07:18	1.6	Middle	0.8	24.1	8.2	29.87	89.7	6.36	6.4	1.45	1.5	3.5	3.6
	Cloudy	Moderate	07:16	07:18	1.6	Middle	0.8	24.1	8.2	29.87	89.8	6.36		1.45		3.7	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	13:45	13:47	2.7	Middle	1.4	19.0	8.0	31.18	98.1	7.56	7.6	4.13	4.1	4.9	5.2
	Cloudy	Moderate	13:45	13:47	2.7	Middle	1.4	19.0	8.0	31.18	98.3	7.57		4.15		5.4	
3/4/2025	Fine	Moderate	16:01	16:04	1.9	Middle	1.0	20.2	8.2	29.99	92.4	7.02	7.0	0.88	0.9	<1.0	1.1
	Fine	Moderate	16:01	16:04	1.9	Middle	1.0	20.2	8.2	29.98	92.4	7.02		0.85		1.1	
5/4/2025	Cloudy	Moderate	18:29	18:31	2.0	Middle	1.0	19.8	8.2	30.04	92.8	7.09	7.1	0.17	0.2	1.0	1.1
	Cloudy	Moderate	18:29	18:31	2.0	Middle	1.0	19.8	8.2	30.04	92.8	7.09		0.16		1.2	
8/4/2025	Cloudy	Moderate	10:29	10:31	2.5	Middle	1.3	20.6	8.1	30.03	92.6	6.97	7.0	1.88	3.8	3.2	3.2
	Cloudy	Moderate	10:29	10:31	2.5	Middle	1.3	20.6	8.1	30.03	92.7	6.98		5.67		3.2	
10/4/2025	Cloudy	Calm	10:02	10:04	1.8	Middle	0.9	20.5	8.1	30.26	89.6	6.75	6.8	3.77	3.8	1.1	1.5
	Cloudy	Calm	10:02	10:04	1.8	Middle	0.9	20.5	8.1	30.26	89.7	6.76		3.81		1.8	
12/4/2025	Foggy	Moderate	10:57	10:59	2.6	Middle	1.3	22.6	8.2	29.95	108.7	7.90	7.9	0.17	0.2	<1.0	1.0
	Foggy	Moderate	10:57	10:59	2.6	Middle	1.3	22.6	8.2	29.95	108.7	7.90		0.17		<1.0	
15/4/2025	Fine	Moderate	13:18	13:21	2.5	Middle	1.3	21.1	8.1	30.45	88.1	6.55	6.6	4.34	4.4	3.4	3.5
	Fine	Moderate	13:18	13:21	2.5	Middle	1.3	21.1	8.1	30.45	88.1	6.55		4.47		3.6	
17/4/2025	Cloudy	Moderate	14:11	14:13	2.3	Middle	1.2	22.4	8.1	30.86	96.7	7.02	7.0	2.84	2.8	2.0	2.1
	Cloudy	Moderate	14:11	14:13	2.3	Middle	1.2	22.4	8.1	30.86	96.9	7.03		2.77		2.1	
22/4/2025	Cloudy	Moderate	19:24	19:26	2.4	Middle	1.2	25.1	8.4	28.78	146.0	10.22	10.2	5.92	5.9	1.6	1.6
	Cloudy	Moderate	19:24	19:26	2.4	Middle	1.2	25.1	8.4	28.78	145.4	10.18		5.95		1.5	
24/4/2025	Cloudy	Moderate	10:31	10:33	1.8	Middle	0.9	26.2	8.6	28.10	162.3	11.21	11.2	1.37	1.4	8.6	7.9
	Cloudy	Moderate	10:31	10:33	1.8	Middle	0.9	26.2	8.6	28.09	162.3	11.21		1.39		7.1	
26/4/2025	Cloudy	Moderate	10:46	10:48	2.8	Middle	1.4	23.9	8.5	29.07	110.0	7.85	7.9	2.13	2.1	1.6	2.3
	Cloudy	Moderate	10:46	10:48	2.8	Middle	1.4	23.9	8.5	29.07	110.0	7.86		2.09		2.9	
29/4/2025	Cloudy	Moderate	12:52	12:54	2.5	Middle	1.3	23.9	8.3	30.03	97.9	6.95	7.0	2.05	2.0	4.4	3.8
	Cloudy	Moderate	12:52	12:54	2.5	Middle	1.3	23.9	8.3	30.03	98.1	6.96		2.04		3.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
1/4/2025	Cloudy	Moderate	07:46	07:48	2.6	Middle	1.3	18.9	8.0	30.86	98.2	7.60	7.6	4.28	4.4	5.6	5.7
	Cloudy	Moderate	07:46	07:48	2.6	Middle	1.3	18.9	8.0	30.85	98.5	7.62		4.42		5.8	
3/4/2025	Cloudy	Moderate	08:21	08:23	1.8	Middle	0.9	19.7	8.2	30.01	94.6	7.24	7.2	1.15	1.2	1.6	1.4
	Cloudy	Moderate	08:21	08:23	1.8	Middle	0.9	19.7	8.2	30.01	94.7	7.25		1.16		1.2	
5/4/2025	Rainy	Moderate	08:03	08:05	1.7	Middle	0.9	19.7	8.2	29.96	90.3	6.92	6.9	1.71	1.7	1.5	1.6
	Rainy	Moderate	08:03	08:05	1.7	Middle	0.9	19.7	8.2	29.96	90.5	6.93		1.68		1.6	
8/4/2025	Cloudy	Moderate	14:55	14:57	2.7	Middle	1.4	20.7	8.2	29.98	95.6	7.19	7.2	2.44	2.3	3.0	3.2
	Cloudy	Moderate	14:55	14:57	2.7	Middle	1.4	20.8	8.2	29.87	95.7	7.18		2.25		3.4	
10/4/2025	Fine	Calm	17:03	17:06	1.6	Middle	0.8	22.5	8.2	30.16	107.6	7.83	7.8	1.35	1.3	1.3	1.4
	Fine	Calm	17:03	17:06	1.6	Middle	0.8	22.5	8.2	30.15	107.5	7.82		1.34		1.4	
12/4/2025	Foggy	Moderate	18:08	18:10	2.8	Middle	1.4	21.9	8.2	29.95	99.7	7.34	7.3	3.08	3.1	<1.0	1.0
	Foggy	Moderate	18:08	18:10	2.8	Middle	1.4	21.9	8.2	29.95	99.7	7.34		3.21		<1.0	
15/4/2025	Fine	Moderate	06:48	06:50	2.9	Middle	1.5	21.3	8.1	31.68	89.3	6.50	6.5	1.26	1.3	4.1	4.4
	Fine	Moderate	06:48	06:50	2.9	Middle	1.5	21.3	8.1	31.68	89.4	6.50		1.28		4.6	
17/4/2025	Cloudy	Moderate	07:28	07:30	2.8	Middle	1.4	22.1	8.1	30.77	95.0	6.93	6.9	2.58	2.6	1.7	1.6
	Cloudy	Moderate	07:28	07:30	2.8	Middle	1.4	22.1	8.1	30.77	95.1	6.94		2.56		1.5	
22/4/2025	Cloudy	Moderate	11:20	11:22	2.3	Middle	1.2	24.6	8.5	28.99	167.1	11.78	11.8	3.27	3.3	1.2	1.3
	Cloudy	Moderate	11:20	11:22	2.3	Middle	1.2	24.6	8.5	28.97	166.6	11.75		3.24		1.4	
24/4/2025	Fine	Moderate	15:07	15:09	1.9	Middle	1.0	24.3	8.4	28.55	115.5	8.22	8.2	1.13	1.1	3.0	3.5
	Fine	Moderate	15:07	15:09	1.9	Middle	1.0	24.1	8.4	28.68	115.7	8.26		1.05		4.0	
26/4/2025	Cloudy	Moderate	16:58	17:00	2.7	Middle	1.4	23.9	8.6	29.14	120.7	8.62	8.6	2.04	2.0	2.4	2.6
	Cloudy	Moderate	16:58	17:00	2.7	Middle	1.4	23.8	8.6	29.21	120.4	8.61		2.04		2.8	
29/4/2025	Cloudy	Moderate	06:36	06:38	2.6	Middle	1.3	23.7	8.2	30.10	93.0	6.62	6.6	1.15	1.2	3.1	3.5
	Cloudy	Moderate	06:36	06:38	2.6	Middle	1.3	23.7	8.2	30.10	93.0	6.62		1.18		3.9	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	15:37	15:40	11.4	Surface	1.0	26.3	8.1	29.07	144.3	9.88	9.4	1.20	1.2	3.6	3.1
	Sunny	Moderate	15:37	15:40	11.4	Surface	1.0	26.3	8.1	29.07	144.4	9.89		1.20		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Middle	5.7	25.2	8.0	29.15	125.8	8.78		1.17		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Middle	5.7	25.2	8.0	29.15	126.7	8.85	7.5	1.15	1.2	2.9	
	Sunny	Moderate	15:37	15:40	11.4	Bottom	10.4	24.9	8.0	29.12	107.2	7.52		1.32		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Bottom	10.4	24.9	8.0	29.12	107.2	7.52		1.36		3.0	
6/5/2025	Cloudy	Moderate	09:43	09:46	11.3	Surface	1.0	27.2	8.2	28.80	159.1	10.75	10.6	1.77	2.1	<1.0	1.1
	Cloudy	Moderate	09:43	09:46	11.3	Surface	1.0	27.2	8.2	28.80	159.1	10.75		1.78		<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Middle	5.7	25.8	8.2	28.93	151.7	10.48		1.60		<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Middle	5.7	25.8	8.2	28.93	151.7	10.48	6.3	1.63	3.0	<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Bottom	10.3	24.3	7.9	30.15	90.2	6.32		3.02		1.4	
	Cloudy	Moderate	09:43	09:46	11.3	Bottom	10.3	24.3	7.9	30.15	90.2	6.33		3.04		1.2	
8/5/2025	Cloudy	Moderate	10:40	10:44	11.8	Surface	1.0	26.7	8.0	28.10	105.4	7.22	7.1	1.24	1.7	1.1	1.3
	Cloudy	Moderate	10:40	10:44	11.8	Surface	1.0	26.7	8.0	28.10	105.4	7.22		1.25		1.2	
	Cloudy	Moderate	10:40	10:44	11.8	Middle	5.9	26.0	8.0	28.43	100.9	6.98		1.43		<1.0	
	Cloudy	Moderate	10:40	10:44	11.8	Middle	5.9	26.0	8.0	28.43	100.9	6.98	6.8	1.48	2.5	1.7	
	Cloudy	Moderate	10:40	10:44	11.8	Bottom	10.8	25.7	8.0	28.50	97.6	6.78		2.57		1.2	
	Cloudy	Moderate	10:40	10:44	11.8	Bottom	10.8	25.7	8.0	28.50	97.7	6.79		2.45		1.3	
10/5/2025	Cloudy	Rough	11:34	11:37	11.4	Surface	1.0	24.8	8.1	29.59	91.0	6.37	6.3	1.96	3.0	4.0	4.2
	Cloudy	Rough	11:34	11:37	11.4	Surface	1.0	24.8	8.1	29.58	91.0	6.37		1.93		4.1	
	Cloudy	Rough	11:34	11:37	11.4	Middle	5.7	24.8	8.1	31.13	90.6	6.30		2.89		4.2	
	Cloudy	Rough	11:34	11:37	11.4	Middle	5.7	24.8	8.1	31.10	90.6	6.30	6.2	2.87	4.1	4.7	
	Cloudy	Rough	11:34	11:37	11.4	Bottom	10.4	24.7	8.1	31.66	89.1	6.18		4.13		4.0	
	Cloudy	Rough	11:34	11:37	11.4	Bottom	10.4	24.7	8.1	31.68	89.0	6.17		4.18		4.0	
13/5/2025	Sunny	Rough	11:12	11:15	11.4	Surface	1.0	25.6	8.0	29.81	113.4	7.82	7.8	1.06	1.2	3.3	3.4
	Sunny	Rough	11:12	11:15	11.4	Surface	1.0	25.6	8.0	29.81	113.3	7.82		1.09		3.9	
	Sunny	Rough	11:12	11:15	11.4	Middle	5.7	25.5	8.0	29.83	111.6	7.72		1.13		4.2	
	Sunny	Rough	11:12	11:15	11.4	Middle	5.7	25.5	8.0	29.83	111.7	7.72	6.9	1.15	1.9	4.5	
	Sunny	Rough	11:12	11:15	11.4	Bottom	10.4	25.5	8.0	29.90	99.8	6.90		1.22		2.3	
	Sunny	Rough	11:12	11:15	11.4	Bottom	10.4	25.5	8.0	29.91	99.8	6.90		1.25		1.9	
15/5/2025	Sunny	Moderate	12:07	12:11	11.6	Surface	1.0	26.5	8.0	29.96	102.9	6.99	6.9	0.56	1.1	<1.0	1.0
	Sunny	Moderate	12:07	12:11	11.6	Surface	1.0	26.5	8.0	29.97	102.9	6.99		0.58		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Middle	5.8	26.3	7.9	29.92	100.6	6.86		1.15		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Middle	5.8	26.3	7.9	29.93	100.6	6.86	6.9	1.15	1.2	1.2	
	Sunny	Moderate	12:07	12:11	11.6	Bottom	10.6	26.0	8.0	29.96	100.7	6.90		1.59		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Bottom	10.6	26.0	8.0	29.96	100.7	6.90		1.68		<1.0	
17/5/2025	Sunny	Calm	13:31	13:35	11.6	Surface	1.0	26.6	7.9	29.38	94.5	6.43	6.4	1.33	1.3	<1.0	1.0
	Sunny	Calm	13:31	13:35	11.6	Surface	1.0	26.6	7.9	29.38	94.4	6.43		1.36		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Middle	5.8	26.7	7.9	29.49	93.9	6.38		1.44		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Middle	5.8	26.7	7.9	29.48	93.7	6.37	5.6	1.46	0.9	<1.0	
	Sunny	Calm	13:31	13:35	11.6	Bottom	10.6	26.7	7.9	29.85	83.3	5.64		0.96		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Bottom	10.6	26.7	7.9	29.85	83.3	5.65		0.95		<1.0	
20/5/2025	Cloudy	Moderate	16:00	16:02	10.8	Surface	1.0	27.6	8.1	27.05	138.0	9.35	8.6	1.41	2.2	2.6	2.6
	Cloudy	Moderate	16:00	16:02	10.8	Surface	1.0	27.6	8.1	27.06	137.5	9.32		1.43		2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Middle	5.4	27.6	8.0	28.38	116.1	7.81		1.32		2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Middle	5.4	27.6	8.0	28.52	114.9	7.73	4.9	1.43	2.6	2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Bottom	9.8	26.6	7.8	30.08	71.1	4.81		3.38		2.8	
	Cloudy	Moderate	16:00	16:02	10.8	Bottom	9.8	26.6	7.8	30.10	72.3	4.90		4.04		2.6	
22/5/2025	Sunny	Moderate	09:40	09:42	10.2	Surface	1.0	29.8	8.4	23.95	185.2	12.32	11.3	1.35	2.9	3.1	2.9
	Sunny	Moderate	09:40	09:42	10.2	Surface	1.0	29.8	8.4	23.92	184.0	12.24		1.37		2.4	
	Sunny	Moderate	09:40	09:42	10.2	Middle	5.1	27.6	8.2	27.41	154.7	10.47		1.46		2.6	
	Sunny	Moderate	09:40	09:42	10.2	Middle	5.1	27.6	8.2	27.45	147.8	10.00	4.3	1.48	3.9	2.4	
	Sunny	Moderate	09:40	09:42	10.2	Bottom	9.2	26.0	7.8	30.69	62.2	4.24		5.83		3.9	
	Sunny	Moderate	09:40	09:42	10.2	Bottom	9.2	26.0	7.8	30.69	62.8	4.29		5.83		2.9	
24/5/2025	Cloudy	Moderate	10:40	10:42	10.1	Surface	1.0	27.7	8.0	25.30	107.1	7.31	6.7	1.31	2.3	1.6	1.6
	Cloudy	Moderate	10:40	10:42	10.1	Surface	1.0	27.7	8.0	25.20	107.7	7.37		1.32		1.3	
	Cloudy	Moderate	10:40	10:42	10.1	Middle	5.1	27.1	7.9	27.87	89.4	6.09		1.15		1.9	
	Cloudy	Moderate	10:40	10:42	10.1	Middle	5.1	27.1	7.9	27.87	89.4	6.09	3.4	1.15	4.4	1.6	
	Cloudy	Moderate	10:40	10:42	10.1	Bottom	9.1	25.6	7.7	31.00	48.7	3.34		4.40		1.8	
	Cloudy	Moderate	10:40	10:42	10.1	Bottom	9.1	25.6	7.7	31.00	49.3	3.38		4.49		1.2	
27/5/2025	Cloudy	Moderate	10:58	11:00	10.6	Surface	1.0	26.3	8.0	27.34	98.5	6.82	6.7	1.20	2.7	1.1	1.1
	Cloudy	Moderate	10:58	11:00	10.6	Surface	1.0	26.3	8.0	27.34	98.4	6.81		1.23		1.2	
	Cloudy	Moderate	10:58	11:00	10.6	Middle	5.3	26.2	8.0	27.44	94.6	6.56		1.43		1.0	
	Cloudy	Moderate	10:58	11:00	10.6	Middle	5.3	26.2	8.0	27.45	94.4	6.54	5.7	2.02	5.0	1.0	
	Cloudy	Moderate	10:58	11:00	10.6	Bottom	9.6	26.2	7.9	27.64	82.5	5.71		5.07		1.1	
	Cloudy	Moderate	10:58	11:00	10.6	Bottom	9.6	26.2	8.0	27.64	83.2	5.76		5.02		1.3	
29/5/2025	Cloudy	Rough	12:28	12:32	11.7	Surface	1.0	26.3	8.0	28.05	83.7	5.78	5.8	1.33	1.8	3.5	3.6
	Cloudy	Rough	12:28	12:32	11.7	Surface	1.0	26.2	8.0	28.05	83.7	5.78		1.36		3.6	
	Cloudy	Rough	12:28	12:32	11.7	Middle	5.9	26.2	8.0	28.16	83.5	5.76		1.71		3.8	
	Cloudy	Rough	12:28	12:32	11.7	Middle	5.9	26.1	8.0	28.16	83.5	5.76	5.7	1.73	2.1	3.7	
	Cloudy	Rough	12:28	12:32	11.7	Bottom	10.7	26.1	8.0	28.20	82.1	5.68	5.7	2.19	5.0	3.3	
	Cloudy	Rough	12:28	12:32	11.7	Bottom	10.7	26.1	8.0	28.20	82.1	5.68		2.22		3.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CE
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	15:37	15:40	11.4	Surface	1.0	26.3	8.1	29.07	144.3	9.88	9.4	1.20	1.2	3.6	3.1
	Sunny	Moderate	15:37	15:40	11.4	Surface	1.0	26.3	8.1	29.07	144.4	9.89		1.20		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Middle	5.7	25.2	8.0	29.15	125.8	8.78		1.17		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Middle	5.7	25.2	8.0	29.15	126.7	8.85	7.5	1.15	1.2	2.9	
	Sunny	Moderate	15:37	15:40	11.4	Bottom	10.4	24.9	8.0	29.12	107.2	7.52		1.32		3.1	
	Sunny	Moderate	15:37	15:40	11.4	Bottom	10.4	24.9	8.0	29.12	107.2	7.52		1.36		3.0	
6/5/2025	Cloudy	Moderate	09:43	09:46	11.3	Surface	1.0	27.2	8.2	28.80	159.1	10.75	10.6	1.77	2.1	<1.0	1.1
	Cloudy	Moderate	09:43	09:46	11.3	Surface	1.0	27.2	8.2	28.80	159.1	10.75		1.78		<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Middle	5.7	25.8	8.2	28.93	151.7	10.48		1.60		<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Middle	5.7	25.8	8.2	28.93	151.7	10.48	6.3	1.63	3.0	<1.0	
	Cloudy	Moderate	09:43	09:46	11.3	Bottom	10.3	24.3	7.9	30.15	90.2	6.32		3.02		1.4	
	Cloudy	Moderate	09:43	09:46	11.3	Bottom	10.3	24.3	7.9	30.15	90.2	6.33		3.04		1.2	
8/5/2025	Cloudy	Moderate	10:40	10:44	11.8	Surface	1.0	26.7	8.0	28.10	105.4	7.22	7.1	1.24	1.7	1.1	1.3
	Cloudy	Moderate	10:40	10:44	11.8	Surface	1.0	26.7	8.0	28.10	105.4	7.22		1.25		1.2	
	Cloudy	Moderate	10:40	10:44	11.8	Middle	5.9	26.0	8.0	28.43	100.9	6.98		1.43		<1.0	
	Cloudy	Moderate	10:40	10:44	11.8	Middle	5.9	26.0	8.0	28.43	100.9	6.98	6.8	1.48	2.5	1.7	
	Cloudy	Moderate	10:40	10:44	11.8	Bottom	10.8	25.7	8.0	28.50	97.6	6.78		2.57		1.2	
	Cloudy	Moderate	10:40	10:44	11.8	Bottom	10.8	25.7	8.0	28.50	97.7	6.79		2.45		1.3	
10/5/2025	Cloudy	Rough	11:34	11:37	11.4	Surface	1.0	24.8	8.1	29.59	91.0	6.37	6.3	1.96	3.0	4.0	4.2
	Cloudy	Rough	11:34	11:37	11.4	Surface	1.0	24.8	8.1	29.58	91.0	6.37		1.93		4.1	
	Cloudy	Rough	11:34	11:37	11.4	Middle	5.7	24.8	8.1	31.13	90.6	6.30		2.89		4.2	
	Cloudy	Rough	11:34	11:37	11.4	Middle	5.7	24.8	8.1	31.10	90.6	6.30	6.2	2.87	4.1	4.7	
	Cloudy	Rough	11:34	11:37	11.4	Bottom	10.4	24.7	8.1	31.66	89.1	6.18		4.13		4.0	
	Cloudy	Rough	11:34	11:37	11.4	Bottom	10.4	24.7	8.1	31.68	89.0	6.17		4.18		4.0	
13/5/2025	Sunny	Rough	11:12	11:15	11.4	Surface	1.0	25.6	8.0	29.81	113.4	7.82	7.8	1.06	1.2	3.3	3.4
	Sunny	Rough	11:12	11:15	11.4	Surface	1.0	25.6	8.0	29.81	113.3	7.82		1.09		3.9	
	Sunny	Rough	11:12	11:15	11.4	Middle	5.7	25.5	8.0	29.83	111.6	7.72		1.13		4.2	
	Sunny	Rough	11:12	11:15	11.4	Middle	5.7	25.5	8.0	29.83	111.7	7.72	6.9	1.15	1.9	4.5	
	Sunny	Rough	11:12	11:15	11.4	Bottom	10.4	25.5	8.0	29.90	99.8	6.90		1.22		2.3	
	Sunny	Rough	11:12	11:15	11.4	Bottom	10.4	25.5	8.0	29.91	99.8	6.90		1.25		1.9	
15/5/2025	Sunny	Moderate	12:07	12:11	11.6	Surface	1.0	26.5	8.0	29.96	102.9	6.99	6.9	0.56	1.1	<1.0	1.0
	Sunny	Moderate	12:07	12:11	11.6	Surface	1.0	26.5	8.0	29.97	102.9	6.99		0.58		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Middle	5.8	26.3	7.9	29.92	100.6	6.86		1.15		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Middle	5.8	26.3	7.9	29.93	100.6	6.86	6.9	1.15	1.2	1.2	
	Sunny	Moderate	12:07	12:11	11.6	Bottom	10.6	26.0	8.0	29.96	100.7	6.90		1.59		<1.0	
	Sunny	Moderate	12:07	12:11	11.6	Bottom	10.6	26.0	8.0	29.96	100.7	6.90		1.68		<1.0	
17/5/2025	Sunny	Calm	13:31	13:35	11.6	Surface	1.0	26.6	7.9	29.38	94.5	6.43	6.4	1.33	1.3	<1.0	1.0
	Sunny	Calm	13:31	13:35	11.6	Surface	1.0	26.6	7.9	29.38	94.4	6.43		1.36		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Middle	5.8	26.7	7.9	29.49	93.9	6.38		1.44		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Middle	5.8	26.7	7.9	29.48	93.7	6.37	5.6	1.46	0.9	<1.0	
	Sunny	Calm	13:31	13:35	11.6	Bottom	10.6	26.7	7.9	29.85	83.3	5.64		0.96		<1.0	
	Sunny	Calm	13:31	13:35	11.6	Bottom	10.6	26.7	7.9	29.85	83.3	5.65		0.95		<1.0	
20/5/2025	Cloudy	Moderate	16:00	16:02	10.8	Surface	1.0	27.6	8.1	27.05	138.0	9.35	8.6	1.41	2.2	2.6	2.6
	Cloudy	Moderate	16:00	16:02	10.8	Surface	1.0	27.6	8.1	27.06	137.5	9.32		1.43		2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Middle	5.4	27.6	8.0	28.38	116.1	7.81		1.32		2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Middle	5.4	27.6	8.0	28.52	114.9	7.73	4.9	1.43	2.6	2.6	
	Cloudy	Moderate	16:00	16:02	10.8	Bottom	9.8	26.6	7.8	30.08	71.1	4.81		3.38		2.8	
	Cloudy	Moderate	16:00	16:02	10.8	Bottom	9.8	26.6	7.8	30.10	72.3	4.90		4.04		2.6	
22/5/2025	Sunny	Moderate	09:40	09:42	10.2	Surface	1.0	29.8	8.4	23.95	185.2	12.32	11.3	1.35	2.9	3.1	2.9
	Sunny	Moderate	09:40	09:42	10.2	Surface	1.0	29.8	8.4	23.92	184.0	12.24		1.37		2.4	
	Sunny	Moderate	09:40	09:42	10.2	Middle	5.1	27.6	8.2	27.41	154.7	10.47		1.46		2.6	
	Sunny	Moderate	09:40	09:42	10.2	Middle	5.1	27.6	8.2	27.45	147.8	10.00	4.3	1.48	3.9	2.4	
	Sunny	Moderate	09:40	09:42	10.2	Bottom	9.2	26.0	7.8	30.69	62.2	4.24		5.83		3.9	
	Sunny	Moderate	09:40	09:42	10.2	Bottom	9.2	26.0	7.8	30.69	62.8	4.29		5.83		2.9	
24/5/2025	Cloudy	Moderate	10:40	10:42	10.1	Surface	1.0	27.7	8.0	25.30	107.1	7.31	6.7	1.31	2.3	1.6	1.6
	Cloudy	Moderate	10:40	10:42	10.1	Surface	1.0	27.7	8.0	25.20	107.7	7.37		1.32		1.3	
	Cloudy	Moderate	10:40	10:42	10.1	Middle	5.1	27.1	7.9	27.87	89.4	6.09		1.15		1.9	
	Cloudy	Moderate	10:40	10:42	10.1	Middle	5.1	27.1	7.9	27.87	89.4	6.09	3.4	1.15	4.4	1.6	
	Cloudy	Moderate	10:40	10:42	10.1	Bottom	9.1	25.6	7.7	31.00	48.7	3.34		4.40		1.8	
	Cloudy	Moderate	10:40	10:42	10.1	Bottom	9.1	25.6	7.7	31.00	49.3	3.38		4.49		1.2	
27/5/2025	Cloudy	Moderate	10:58	11:00	10.6	Surface	1.0	26.3	8.0	27.34	98.5	6.82	6.7	1.20	2.7	1.1	1.1
	Cloudy	Moderate	10:58	11:00	10.6	Surface	1.0	26.3	8.0	27.34	98.4	6.81		1.23		1.2	
	Cloudy	Moderate	10:58	11:00	10.6	Middle	5.3	26.2	8.0	27.44	94.6	6.56		1.43		1.0	
	Cloudy	Moderate	10:58	11:00	10.6	Middle	5.3	26.2	8.0	27.45	94.4	6.54	5.7	2.02	5.0	1.0	
	Cloudy	Moderate	10:58	11:00	10.6	Bottom	9.6	26.2	7.9	27.64	82.5	5.71		5.07		1.1	
	Cloudy	Moderate	10:58	11:00	10.6	Bottom	9.6	26.2	8.0	27.64	83.2	5.76		5.02		1.3	
29/5/2025	Cloudy	Rough	12:28	12:32	11.7	Surface	1.0	26.3	8.0	28.05	83.7	5.78	5.8	1.33	1.8	3.5	3.6
	Cloudy	Rough	12:28	12:32	11.7	Surface	1.0	26.2	8.0	28.05	83.7	5.78		1.36		3.6	
	Cloudy	Rough	12:28	12:32	11.7	Middle	5.9	26.2	8.0	28.16	83.5	5.76		1.71		3.8	
	Cloudy	Rough	12:28	12:32	11.7	Middle	5.9	26.1	8.0	28.16	83.5	5.76	5.7	1.73	2.1	3.7	
	Cloudy	Rough	12:28	12:32	11.7	Bottom	10.7	26.1	8.0	28.20	82.1	5.68	5.7	2.19	5.0	3.3	
	Cloudy	Rough	12:28	12:32	11.7	Bottom	10.7	26.1	8.0	28.20	82.1	5.68		2.22		3.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	17:11	17:15	9.5	Surface	1.0	25.3	8.0	28.98	115.8	8.08	7.9	1.24	1.5	3.0	3.5
	Sunny	Moderate	17:11	17:15	9.5	Surface	1.0	25.3	8.0	28.98	115.8	8.08		1.27		2.7	
	Sunny	Moderate	17:11	17:15	9.5	Middle	4.8	24.6	8.0	29.32	108.2	7.62		1.42		4.1	
	Sunny	Moderate	17:11	17:15	9.5	Middle	4.8	24.6	8.0	29.33	108.2	7.62	6.3	1.43		3.8	
	Sunny	Moderate	17:11	17:15	9.5	Bottom	8.5	23.6	8.0	30.61	88.3	6.28		1.98		4.0	
	Sunny	Moderate	17:11	17:15	9.5	Bottom	8.5	23.6	8.0	30.61	88.3	6.28		1.94		3.1	
6/5/2025	Cloudy	Moderate	08:18	08:21	9.5	Surface	1.0	26.5	8.1	28.82	151.9	10.38	9.6	1.79	1.3	<1.0	1.1
	Cloudy	Moderate	08:18	08:21	9.5	Surface	1.0	26.5	8.1	28.82	151.7	10.37		1.81		<1.0	
	Cloudy	Moderate	08:18	08:21	9.5	Middle	4.8	25.4	8.1	29.14	127.7	8.87		1.45		1.0	
	Cloudy	Moderate	08:18	08:21	9.5	Middle	4.8	25.5	8.1	29.11	127.7	8.87	6.8	1.45		1.3	
	Cloudy	Moderate	08:18	08:21	9.5	Bottom	8.5	24.7	7.9	29.74	96.9	6.80		0.54		<1.0	
	Cloudy	Moderate	08:18	08:21	9.5	Bottom	8.5	24.7	7.9	29.73	97.2	6.82		0.57		1.3	
8/5/2025	Cloudy	Rough	09:13	09:16	9.7	Surface	1.0	26.5	8.0	28.35	101.2	6.94	7.0	0.94	1.6	1.3	1.4
	Cloudy	Rough	09:13	09:16	9.7	Surface	1.0	26.5	8.0	28.35	101.2	6.94		0.96		1.5	
	Cloudy	Rough	09:13	09:16	9.7	Middle	4.9	26.2	8.0	28.36	101.9	7.02		1.09		1.2	
	Cloudy	Rough	09:13	09:16	9.7	Middle	4.9	26.2	8.0	28.36	101.9	7.02	6.7	1.12		1.2	
	Cloudy	Rough	09:13	09:16	9.7	Bottom	8.7	25.7	7.9	28.46	96.1	6.67		2.76		1.2	
	Cloudy	Rough	09:13	09:16	9.7	Bottom	8.7	25.7	7.9	28.47	96.0	6.67		2.81		1.8	
10/5/2025	Cloudy	Rough	10:17	10:20	9.5	Surface	1.0	24.7	8.1	30.49	90.3	6.31	6.2	1.61	2.4	4.0	4.4
	Cloudy	Rough	10:17	10:20	9.5	Surface	1.0	24.7	8.1	30.49	90.2	6.31		1.64		3.5	
	Cloudy	Rough	10:17	10:20	9.5	Middle	4.8	24.5	8.1	31.62	87.9	6.10		2.34		4.5	
	Cloudy	Rough	10:17	10:20	9.5	Middle	4.8	24.5	8.1	31.61	87.9	6.10	6.0	2.35		4.7	
	Cloudy	Rough	10:17	10:20	9.5	Bottom	8.5	24.3	8.1	31.95	86.1	5.97		3.22		5.1	
	Cloudy	Rough	10:17	10:20	9.5	Bottom	8.5	24.3	8.1	31.95	86.1	5.97		3.29		4.4	
13/5/2025	Sunny	Moderate	12:33	12:36	9.8	Surface	1.0	25.8	8.0	29.82	106.2	7.30	7.3	1.30	2.4	2.8	2.5
	Sunny	Moderate	12:33	12:36	9.8	Surface	1.0	25.8	8.0	29.82	106.2	7.30		1.32		2.2	
	Sunny	Moderate	12:33	12:36	9.8	Middle	4.9	25.5	8.0	29.79	104.9	7.25		2.61		2.8	
	Sunny	Moderate	12:33	12:36	9.8	Middle	4.9	25.5	8.0	29.80	104.7	7.24	6.1	2.62		3.2	
	Sunny	Moderate	12:33	12:36	9.8	Bottom	8.8	25.2	7.9	30.08	88.1	6.10		3.39		2.3	
	Sunny	Moderate	12:33	12:36	9.8	Bottom	8.8	25.2	7.9	30.08	88.1	6.10		3.40		1.8	
15/5/2025	Sunny	Moderate	13:36	13:40	9.8	Surface	1.0	26.7	7.9	29.73	103.6	7.02	6.8	0.55	1.1	<1.0	1.0
	Sunny	Moderate	13:36	13:40	9.8	Surface	1.0	26.7	7.9	29.73	103.5	7.02		0.59		<1.0	
	Sunny	Moderate	13:36	13:40	9.8	Middle	4.9	25.9	7.9	29.86	95.6	6.57		1.19		<1.0	
	Sunny	Moderate	13:36	13:40	9.8	Middle	4.9	25.9	7.9	29.86	95.5	6.56	5.8	1.22		<1.0	
	Sunny	Moderate	13:36	13:40	9.8	Bottom	8.8	25.7	7.9	30.16	84.8	5.84		1.55		<1.0	
	Sunny	Moderate	13:36	13:40	9.8	Bottom	8.8	25.7	7.9	30.16	84.8	5.84		1.56		1.0	
17/5/2025	Sunny	Calm	14:58	15:02	9.9	Surface	1.0	26.8	7.9	29.48	90.3	6.12	6.0	0.48	1.3	<1.0	1.0
	Sunny	Calm	14:58	15:02	9.9	Surface	1.0	26.8	7.9	29.48	90.3	6.12		0.49		<1.0	
	Sunny	Calm	14:58	15:02	9.9	Middle	5.0	26.5	7.9	29.76	85.6	5.82		1.48		<1.0	
	Sunny	Calm	14:58	15:02	9.9	Middle	5.0	26.5	7.9	29.76	85.6	5.82	5.7	1.49		<1.0	
	Sunny	Calm	14:58	15:02	9.9	Bottom	8.9	26.2	7.9	30.27	83.9	5.72		1.85		<1.0	
	Sunny	Calm	14:58	15:02	9.9	Bottom	8.9	26.2	7.9	30.27	84.0	5.72		1.87		<1.0	
20/5/2025	Cloudy	Moderate	17:24	17:26	9.2	Surface	1.0	27.8	8.2	26.05	149.9	10.19	8.4	1.29	3.2	3.0	2.6
	Cloudy	Moderate	17:24	17:26	9.2	Surface	1.0	27.8	8.2	26.04	149.6	10.16		1.30		2.3	
	Cloudy	Moderate	17:24	17:26	9.2	Middle	4.6	27.4	7.9	28.49	99.5	6.71		2.58		2.5	
	Cloudy	Moderate	17:24	17:26	9.2	Middle	4.6	27.4	7.9	28.48	98.9	6.67	5.3	2.54		2.8	
	Cloudy	Moderate	17:24	17:26	9.2	Bottom	8.2	26.4	7.9	30.61	78.1	5.29		5.97		2.6	
	Cloudy	Moderate	17:24	17:26	9.2	Bottom	8.2	26.4	7.9	30.64	78.5	5.32		5.29		2.5	
22/5/2025	Sunny	Moderate	08:25	08:27	9.6	Surface	1.0	28.6	8.2	25.17	173.1	11.67	9.5	1.79	1.8	2.8	2.3
	Sunny	Moderate	08:25	08:27	9.6	Surface	1.0	28.5	8.2	25.21	172.2	11.61		1.78		3.1	
	Sunny	Moderate	08:25	08:27	9.6	Middle	4.8	27.0	8.0	28.21	109.6	7.45		1.23		2.0	
	Sunny	Moderate	08:25	08:27	9.6	Middle	4.8	27.0	8.0	28.21	109.4	7.44	6.5	1.26		2.1	
	Sunny	Moderate	08:25	08:27	9.6	Bottom	8.6	27.1	7.9	28.35	95.5	6.48		2.40		1.8	
	Sunny	Moderate	08:25	08:27	9.6	Bottom	8.6	27.1	7.9	28.36	95.8	6.50		2.40		1.9	
24/5/2025	Cloudy	Moderate	09:27	09:29	9.2	Surface	1.0	27.8	8.2	24.83	125.1	8.57	7.2	1.05	1.3	1.4	1.4
	Cloudy	Moderate	09:27	09:29	9.2	Surface	1.0	27.5	8.1	25.05	118.8	8.16		1.06		1.4	
	Cloudy	Moderate	09:27	09:29	9.2	Middle	4.6	27.1	7.9	27.89	89.0	6.06		1.02		1.4	
	Cloudy	Moderate	09:27	09:29	9.2	Middle	4.6	27.0	7.9	28.07	88.4	6.02	4.9	1.17		1.2	
	Cloudy	Moderate	09:27	09:29	9.2	Bottom	8.2	26.6	7.8	29.09	71.7	4.88		1.72		1.6	
	Cloudy	Moderate	09:27	09:29	9.2	Bottom	8.2	26.6	7.8	29.07	72.1	4.91		1.58		1.2	
27/5/2025	Cloudy	Moderate	12:39	12:41	10.5	Surface	1.0	26.5	8.0	27.44	97.7	6.73	6.6	1.73	3.5	<1.0	1.0
	Cloudy	Moderate	12:39	12:41	10.5	Surface	1.0	26.5	8.0	27.44	97.6	6.72		1.72		1.0	
	Cloudy	Moderate	12:39	12:41	10.5	Middle	5.3	26.4	8.0	27.49	93.8	6.47		2.95		1.0	
	Cloudy	Moderate	12:39	12:41	10.5	Middle	5.3	26.3	8.0	27.54	93.3	6.44	5.6	3.96		<1.0	
	Cloudy	Moderate	12:39	12:41	10.5	Bottom	9.5	26.2	7.9	27.73	81.1	5.61		5.34		1.2	
	Cloudy	Moderate	12:39	12:41	10.5	Bottom	9.5	26.2	8.0	27.76	81.0	5.60		5.34		<1.0	
29/5/2025	Cloudy	Rough	13:51	13:55	9.7	Surface	1.0	26.5	8.0	28.05	89.3	6.13	6.1	0.22	1.0	3.6	3.6
	Cloudy	Rough	13:51	13:55	9.7	Surface	1.0	26.5	8.0	28.05	89.3	6.13		0.18		2.8	
	Cloudy	Rough	13:51	13:55	9.7	Middle	4.9	26.2	8.0	28.09	87.7	6.05		0.24		3.2	
	Cloudy	Rough	13:51	13:55	9.7	Middle	4.9	26.2	8.0	28.09	87.5	6.04	5.6	0.26		4.9	
	Cloudy	Rough	13:51	13:55	9.7	Bottom	8.7	26.0	7.9	28.29	80.3	5.55		2.63		3.7	
	Cloudy	Rough	13:51	13:55	9.7	Bottom	8.7	26.0	7.9	28.28	80.5	5.57		2.47		3.4	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: CF
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:11	08:15	9.7	Surface	1.0	24.7	7.8	29.29	105.0	7.38	6.9	1.44	3.0	3.9	3.1
	Fine	Moderate	08:11	08:15	9.7	Surface	1.0	24.7	7.8	29.29	104.8	7.37		1.46		2.9	
	Fine	Moderate	08:11	08:15	9.7	Middle	4.9	24.0	7.8	30.16	89.3	6.33		3.34		2.9	
	Fine	Moderate	08:11	08:15	9.7	Middle	4.9	24.0	7.8	30.15	89.3	6.32		3.25		2.6	
	Fine	Moderate	08:11	08:15	9.7	Bottom	8.7	23.7	7.8	30.51	82.8	5.88		4.16		2.6	
	Fine	Moderate	08:11	08:15	9.7	Bottom	8.7	23.7	7.8	30.51	82.9	5.88		4.15		3.4	
6/5/2025	Cloudy	Moderate	13:43	13:47	9.7	Surface	1.0	27.0	8.2	28.77	157.5	10.67	10.6	1.33	1.8	<1.0	1.1
	Cloudy	Moderate	13:43	13:47	9.7	Surface	1.0	27.0	8.2	28.77	157.4	10.67		1.37		<1.0	
	Cloudy	Moderate	13:43	13:47	9.7	Middle	4.9	25.9	8.2	28.91	151.7	10.47		1.92		1.3	
	Cloudy	Moderate	13:43	13:47	9.7	Middle	4.9	25.9	8.2	28.91	151.8	10.48		1.94		<1.0	
	Cloudy	Moderate	13:43	13:47	9.7	Bottom	8.7	25.3	8.1	29.25	128.7	8.97		2.08		<1.0	
	Cloudy	Moderate	13:43	13:47	9.7	Bottom	8.7	25.3	8.1	29.25	128.7	8.97		2.09		<1.0	
8/5/2025	Cloudy	Rough	16:13	16:16	9.6	Surface	1.0	26.7	8.0	28.32	104.6	7.15	7.1	1.10	1.5	1.1	1.2
	Cloudy	Rough	16:13	16:16	9.6	Surface	1.0	26.7	8.0	28.32	104.6	7.15		1.13		1.1	
	Cloudy	Rough	16:13	16:16	9.6	Middle	4.8	26.4	8.0	28.34	103.8	7.13		1.34		1.2	
	Cloudy	Rough	16:13	16:16	9.6	Middle	4.8	26.4	8.0	28.36	103.7	7.13		1.39		1.1	
	Cloudy	Rough	16:13	16:16	9.6	Bottom	8.6	25.8	8.0	28.52	99.1	6.86		1.97		1.4	
	Cloudy	Rough	16:13	16:16	9.6	Bottom	8.6	25.8	8.0	28.52	99.1	6.86		1.98		1.1	
10/5/2025	Cloudy	Moderate	17:47	17:50	9.3	Surface	1.0	24.8	8.1	30.51	89.1	6.21	6.2	1.38	2.1	4.6	4.1
	Cloudy	Moderate	17:47	17:50	9.3	Surface	1.0	24.8	8.1	30.52	89.3	6.23		1.39		4.6	
	Cloudy	Moderate	17:47	17:50	9.3	Middle	4.7	24.6	8.1	30.29	88.2	6.14		2.04		4.2	
	Cloudy	Moderate	17:47	17:50	9.3	Middle	4.7	24.6	8.1	30.27	88.2	6.14		2.06		3.7	
	Cloudy	Moderate	17:47	17:50	9.3	Bottom	8.3	24.4	8.1	31.83	87.9	6.09		2.71		2.8	
	Cloudy	Moderate	17:47	17:50	9.3	Bottom	8.3	24.4	8.1	31.83	88.1	6.10		2.74		4.4	
13/5/2025	Fine	Moderate	04:57	05:01	9.5	Surface	1.0	25.6	8.0	29.85	104.2	7.19	6.8	0.14	0.5	4.8	2.6
	Fine	Moderate	04:57	05:01	9.5	Surface	1.0	25.6	8.0	29.85	104.1	7.19		0.16		3.9	
	Fine	Moderate	04:57	05:01	9.5	Middle	4.8	25.3	7.9	29.95	93.0	6.44		0.43		2.0	
	Fine	Moderate	04:57	05:01	9.5	Middle	4.8	25.3	7.9	29.95	92.9	6.44		0.42		1.8	
	Fine	Moderate	04:57	05:01	9.5	Bottom	8.5	25.3	7.9	29.99	91.4	6.33		0.86		1.7	
	Fine	Moderate	04:57	05:01	9.5	Bottom	8.5	25.3	7.9	29.99	91.4	6.33		0.87		1.6	
15/5/2025	Fine	Rough	05:06	05:10	9.5	Surface	1.0	26.3	7.9	29.92	97.1	6.62	6.6	0.53	0.9	1.2	1.2
	Fine	Rough	05:06	05:10	9.5	Surface	1.0	26.3	7.9	29.92	97.1	6.62		0.52		1.8	
	Fine	Rough	05:06	05:10	9.5	Middle	4.8	26.1	7.9	29.91	95.4	6.53		0.77		1.2	
	Fine	Rough	05:06	05:10	9.5	Middle	4.8	26.0	7.9	29.94	95.4	6.54		0.76		1.1	
	Fine	Rough	05:06	05:10	9.5	Bottom	8.5	25.7	7.8	30.13	89.9	6.18		1.35		<1.0	
	Fine	Rough	05:06	05:10	9.5	Bottom	8.5	25.7	7.8	30.13	89.7	6.18		1.36		<1.0	
17/5/2025	Fine	Moderate	06:04	06:07	9.5	Surface	1.0	26.5	7.8	29.47	86.9	5.92	5.9	1.06	1.5	<1.0	1.0
	Fine	Moderate	06:04	06:07	9.5	Surface	1.0	26.5	7.8	29.47	86.9	5.92		1.08		<1.0	
	Fine	Moderate	06:04	06:07	9.5	Middle	4.8	26.4	7.8	29.51	85.6	5.84		1.92		<1.0	
	Fine	Moderate	06:04	06:07	9.5	Middle	4.8	26.4	7.8	29.54	85.2	5.81		1.93		<1.0	
	Fine	Moderate	06:04	06:07	9.5	Bottom	8.5	26.2	7.8	29.86	82.9	5.66		1.57		<1.0	
	Fine	Moderate	06:04	06:07	9.5	Bottom	8.5	26.2	7.8	29.88	82.7	5.65		1.59		<1.0	
20/5/2025	Cloudy	Moderate	09:07	09:09	9.5	Surface	1.0	27.7	8.1	25.02	130.5	8.93	8.2	1.26	2.4	2.0	2.3
	Cloudy	Moderate	09:07	09:09	9.5	Surface	1.0	27.7	8.1	25.03	130.1	8.90		1.23		2.0	
	Cloudy	Moderate	09:07	09:09	9.5	Middle	4.8	27.3	7.9	27.48	111.0	7.54		1.27		2.4	
	Cloudy	Moderate	09:07	09:09	9.5	Middle	4.8	27.3	8.0	27.48	111.1	7.54		1.31		2.5	
	Cloudy	Moderate	09:07	09:09	9.5	Bottom	8.5	26.4	7.8	30.72	68.8	4.66		4.73		2.1	
	Cloudy	Moderate	09:07	09:09	9.5	Bottom	8.5	26.4	7.8	30.73	68.9	4.67		4.48		2.8	
22/5/2025	Sunny	Moderate	13:35	13:37	9.9	Surface	1.0	29.3	8.4	21.41	189.5	12.88	10.9	1.74	3.0	2.4	2.0
	Sunny	Moderate	13:35	13:37	9.9	Surface	1.0	29.3	8.4	21.39	188.7	12.82		1.77		1.6	
	Sunny	Moderate	13:35	13:37	9.9	Middle	5.0	27.1	8.1	27.67	132.3	9.01		1.67		2.9	
	Sunny	Moderate	13:35	13:37	9.9	Middle	5.0	27.1	8.1	27.79	130.6	8.89		1.66		1.6	
	Sunny	Moderate	13:35	13:37	9.9	Bottom	8.9	27.1	8.0	28.15	110.3	7.49		5.64		1.5	
	Sunny	Moderate	13:35	13:37	9.9	Bottom	8.9	27.1	8.0	28.28	109.0	7.40		5.64		1.9	
24/5/2025	Cloudy	Moderate	16:00	16:03	10.0	Surface	1.0	28.7	8.2	22.08	133.7	9.14	8.4	1.06	2.3	1.6	1.5
	Cloudy	Moderate	16:00	16:03	10.0	Surface	1.0	28.7	8.2	22.08	133.2	9.11		1.07		1.4	
	Cloudy	Moderate	16:00	16:03	10.0	Middle	5.0	27.8	8.1	25.77	114.5	7.79		1.09		1.5	
	Cloudy	Moderate	16:00	16:03	10.0	Middle	5.0	27.7	8.1	25.86	113.5	7.74		1.33		1.4	
	Cloudy	Moderate	16:00	16:03	10.0	Bottom	9.0	26.9	7.9	28.50	77.7	5.29		4.54		1.6	
	Cloudy	Moderate	16:00	16:03	10.0	Bottom	9.0	26.9	7.9	28.50	78.1	5.32		4.92		1.4	
27/5/2025	Cloudy	Moderate	05:29	05:31	9.5	Surface	1.0	26.3	8.0	27.41	96.9	6.70	6.3	1.42	2.1	1.2	1.1
	Cloudy	Moderate	05:29	05:31	9.5	Surface	1.0	26.3	8.0	27.41	96.7	6.69		1.41		1.2	
	Cloudy	Moderate	05:29	05:31	9.5	Middle	4.8	26.2	8.0	27.75	85.2	5.89		2.31		1.2	
	Cloudy	Moderate	05:29	05:31	9.5	Middle	4.8	26.2	8.0	27.74	85.1	5.88		2.37		1.0	
	Cloudy	Moderate	05:29	05:31	9.5	Bottom	8.5	26.0	7.8	28.34	65.8	4.55		2.41		1.0	
	Cloudy	Moderate	05:29	05:31	9.5	Bottom	8.5	26.0	7.8	28.36	66.0	4.56		2.41		<1.0	
29/5/2025	Fine	Rough	06:08	06:12	9.8	Surface	1.0	26.0	7.9	28.18	79.8	5.52	5.4	1.26	2.2	3.6	3.4
	Fine	Rough	06:08	06:12	9.8	Surface	1.0	26.0	7.9	28.18	79.8	5.52		1.25		3.5	
	Fine	Rough	06:08	06:12	9.8	Middle	4.9	26.0	7.9	28.29	77.6	5.37		1.77		3.3	
	Fine	Rough	06:08	06:12	9.8	Middle	4.9	26.0	7.9	28.29	77.6	5.37		1.73		3.4	
	Fine	Rough	06:08	06:12	9.8	Bottom	8.8	25.7	7.8	29.07	61.2	4.24		3.51		3.1	
	Fine	Rough	06:08	06:12	9.8	Bottom	8.8	25.7	7.8	29.07	61.4	4.25		3.56		3.5	



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:46	16:49	3.5	Surface	1.0	25.3	8.1	29.31	144.6	10.06	10.1	1.35	1.4	4.5	4.1
	Sunny	Moderate	16:46	16:49	3.5	Surface	1.0	25.3	8.1	29.31	144.4	10.05		1.39		4.2	
	Sunny	Moderate	16:46	16:49	3.5	Bottom	2.5	24.9	8.0	29.39	112.5	7.88	7.9	1.47		3.7	
	Sunny	Moderate	16:46	16:49	3.5	Bottom	2.5	24.9	8.0	29.39	112.5	7.89		1.49		3.8	
6/5/2025	Cloudy	Moderate	08:34	08:37	3.3	Surface	1.0	26.1	8.2	28.85	155.4	10.70	10.7	1.82	1.8	<1.0	1.0
	Cloudy	Moderate	08:34	08:37	3.3	Surface	1.0	26.1	8.2	28.85	155.3	10.70		1.84		<1.0	
	Cloudy	Moderate	08:34	08:37	3.3	Bottom	2.3	25.9	8.2	28.91	148.3	10.23	10.2	1.72		1.1	
	Cloudy	Moderate	08:34	08:37	3.3	Bottom	2.3	25.9	8.2	28.91	147.9	10.21		1.72		<1.0	
8/5/2025	Cloudy	Moderate	09:38	09:41	3.3	Surface	1.0	26.2	8.0	28.48	96.1	6.67	6.7	1.46	1.5	1.3	1.5
	Cloudy	Moderate	09:38	09:41	3.3	Surface	1.0	26.2	8.0	28.48	96.1	6.67		1.48		1.6	
	Cloudy	Moderate	09:38	09:41	3.3	Bottom	2.3	25.7	8.0	28.48	95.7	6.64	6.6	1.46		1.3	
	Cloudy	Moderate	09:38	09:41	3.3	Bottom	2.3	25.7	8.0	28.48	95.7	6.64		1.40		1.8	
10/5/2025	Cloudy	Moderate	10:33	10:36	3.4	Surface	1.0	24.6	8.1	30.46	94.7	6.62	6.6	1.36	1.9	4.0	4.3
	Cloudy	Moderate	10:33	10:36	3.4	Surface	1.0	24.6	8.1	30.46	94.7	6.62		1.38		4.2	
	Cloudy	Moderate	10:33	10:36	3.4	Bottom	2.4	24.7	8.1	32.96	92.3	6.36	6.4	2.43		4.4	
	Cloudy	Moderate	10:33	10:36	3.4	Bottom	2.4	24.7	8.1	32.96	92.3	6.36		2.48		4.6	
13/5/2025	Sunny	Moderate	12:13	12:15	3.5	Surface	1.0	25.7	8.0	29.81	105.7	7.28	7.3	0.42	0.7	1.5	2.5
	Sunny	Moderate	12:13	12:15	3.5	Surface	1.0	25.7	8.0	29.81	105.6	7.27		0.49		2.4	
	Sunny	Moderate	12:13	12:15	3.5	Bottom	2.5	25.4	8.0	29.84	102.0	7.06	7.1	0.92		3.3	
	Sunny	Moderate	12:13	12:15	3.5	Bottom	2.5	25.4	8.0	29.84	102.0	7.07		0.94		2.8	
15/5/2025	Sunny	Moderate	13:06	13:08	3.4	Surface	1.0	26.0	8.0	29.93	103.4	7.08	7.1	1.71	2.8	1.3	1.2
	Sunny	Moderate	13:06	13:08	3.4	Surface	1.0	26.0	8.0	29.93	103.4	7.08		1.73		1.1	
	Sunny	Moderate	13:06	13:08	3.4	Bottom	2.4	25.7	7.9	30.10	89.6	6.17	6.2	3.92		<1.0	
	Sunny	Moderate	13:06	13:08	3.4	Bottom	2.4	25.7	7.9	30.10	89.6	6.17		3.94		1.2	
17/5/2025	Sunny	Calm	14:35	14:38	3.5	Surface	1.0	26.8	7.9	29.70	92.3	6.24	6.2	1.62	1.5	<1.0	1.0
	Sunny	Calm	14:35	14:38	3.5	Surface	1.0	26.8	7.9	29.70	92.3	6.24		1.63		<1.0	
	Sunny	Calm	14:35	14:38	3.5	Bottom	2.5	26.8	7.9	29.74	92.8	6.29	6.3	1.41		<1.0	
	Sunny	Calm	14:35	14:38	3.5	Bottom	2.5	26.8	7.9	29.74	92.8	6.28		1.43		<1.0	
20/5/2025	Cloudy	Moderate	16:53	16:55	5.5	Surface	1.0	27.8	8.1	26.40	143.9	9.76	9.8	1.23	2.8	3.1	2.8
	Cloudy	Moderate	16:53	16:55	5.5	Surface	1.0	27.8	8.1	26.40	143.9	9.76		1.23		2.9	
	Cloudy	Moderate	16:53	16:55	5.5	Bottom	4.5	27.6	7.9	28.38	85.9	5.78	5.9	4.37		2.5	
	Cloudy	Moderate	16:53	16:55	5.5	Bottom	4.5	27.6	7.9	28.38	89.4	6.02		4.37		2.7	
22/5/2025	Sunny	Moderate	08:45	08:47	5.8	Surface	1.0	29.4	8.3	21.76	162.5	11.02	11.0	1.75	3.1	3.3	2.9
	Sunny	Moderate	08:45	08:47	5.8	Surface	1.0	29.4	8.3	21.76	161.6	10.95		1.81		2.7	
	Sunny	Moderate	08:45	08:47	5.8	Bottom	4.8	27.1	7.8	28.68	71.1	4.81	<u>4.8</u>	4.23		2.7	
	Sunny	Moderate	08:45	08:47	5.8	Bottom	4.8	27.1	7.8	28.67	71.4	4.84		4.49		2.8	
24/5/2025	Cloudy	Moderate	09:48	09:50	5.9	Surface	1.0	28.0	8.1	25.75	133.1	9.02	9.0	1.13	3.5	1.4	1.4
	Cloudy	Moderate	09:48	09:50	5.9	Surface	1.0	28.1	8.1	25.75	132.4	8.97		1.14		1.4	
	Cloudy	Moderate	09:48	09:50	5.9	Bottom	4.9	27.4	7.9	27.54	93.6	6.35	6.4	5.81		1.6	
	Cloudy	Moderate	09:48	09:50	5.9	Bottom	4.9	27.4	7.9	27.54	93.6	6.35		5.81		1.3	
27/5/2025	Cloudy	Moderate	12:10	12:12	5.4	Surface	1.0	26.5	7.9	27.46	85.8	5.91	5.9	2.68	2.7	1.0	1.0
	Cloudy	Moderate	12:10	12:12	5.4	Surface	1.0	26.5	7.9	27.46	85.5	5.90		2.75		1.0	
	Cloudy	Moderate	12:10	12:12	5.4	Bottom	4.4	26.2	7.9	27.68	78.2	5.41	<u>5.4</u>	2.67		<1.0	
	Cloudy	Moderate	12:10	12:12	5.4	Bottom	4.4	26.2	7.9	27.68	78.4	5.42		2.67		<1.0	
29/5/2025	Cloudy	Moderate	13:30	13:34	3.5	Surface	1.0	26.2	7.9	28.09	84.2	5.81	5.8	0.54	0.7	3.6	3.4
	Cloudy	Moderate	13:30	13:34	3.5	Surface	1.0	26.2	7.9	28.08	84.2	5.81		0.61		3.3	
	Cloudy	Moderate	13:30	13:34	3.5	Bottom	2.5	26.1	7.9	28.20	82.5	5.70	<u>5.7</u>	0.94		3.4	
	Cloudy	Moderate	13:30	13:34	3.5	Bottom	2.5	26.1	7.9	28.20	82.5	5.71		0.87		3.2	

Note:

1. Text with a red underline indicates exceedance.



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR4
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:32	08:35	3.8	Surface	1.0	25.0	7.9	29.21	107.6	7.53	7.5	1.11	1.5	4.3	4.0
	Fine	Moderate	08:32	08:35	3.8	Surface	1.0	25.0	7.9	29.21	107.5	7.52		1.10		4.4	
	Fine	Moderate	08:32	08:35	3.8	Bottom	2.8	24.3	7.8	29.77	95.7	6.76	6.8	1.81		3.4	
	Fine	Moderate	08:32	08:35	3.8	Bottom	2.8	24.3	7.8	29.79	95.5	6.75		1.82		3.7	
6/5/2025	Cloudy	Moderate	13:23	13:26	3.4	Surface	1.0	27.0	8.2	28.77	156.9	10.64	10.6	1.08	1.4	<1.0	1.0
	Cloudy	Moderate	13:23	13:26	3.4	Surface	1.0	27.0	8.2	28.77	156.9	10.64		1.09		<1.0	
	Cloudy	Moderate	13:23	13:26	3.4	Bottom	2.4	25.8	8.1	28.93	143.4	9.91	9.9	1.67		<1.0	
	Cloudy	Moderate	13:23	13:26	3.4	Bottom	2.4	25.8	8.1	28.93	143.1	9.89		1.68		<1.0	
8/5/2025	Cloudy	Moderate	15:47	15:50	3.2	Surface	1.0	26.6	8.0	28.39	100.3	6.87	6.9	1.61	1.9	<1.0	1.1
	Cloudy	Moderate	15:47	15:50	3.2	Surface	1.0	26.6	8.0	28.38	100.3	6.87		1.63		1.0	
	Cloudy	Moderate	15:47	15:50	3.2	Bottom	2.2	26.1	8.0	28.45	98.5	6.80	6.8	2.23		1.2	
	Cloudy	Moderate	15:47	15:50	3.2	Bottom	2.2	26.0	8.0	28.46	98.5	6.80		2.26		1.2	
10/5/2025	Cloudy	Moderate	17:23	17:25	3.1	Surface	1.0	24.7	8.2	31.25	94.6	6.59	6.6	2.03	2.6	4.2	4.1
	Cloudy	Moderate	17:23	17:25	3.1	Surface	1.0	24.7	8.2	31.23	94.6	6.58		2.05		3.8	
	Cloudy	Moderate	17:23	17:25	3.1	Bottom	2.1	24.5	8.1	33.30	91.1	6.27	6.3	3.09		4.5	
	Cloudy	Moderate	17:23	17:25	3.1	Bottom	2.1	24.5	8.1	33.30	91.1	6.27		3.11		3.8	
13/5/2025	Fine	Moderate	05:20	05:24	3.1	Surface	1.0	25.5	8.0	29.79	105.1	7.27	7.3	1.91	2.1	2.1	2.0
	Fine	Moderate	05:20	05:24	3.1	Surface	1.0	25.5	8.0	29.79	105.1	7.27		1.94		2.4	
	Fine	Moderate	05:20	05:24	3.1	Bottom	2.1	25.4	8.0	29.85	101.6	7.04	7.0	2.22		1.5	
	Fine	Moderate	05:20	05:24	3.1	Bottom	2.1	25.4	8.0	29.85	101.7	7.04		2.26		1.8	
15/5/2025	Fine	Moderate	05:23	05:26	3.1	Surface	1.0	26.1	7.9	29.81	100.2	6.86	6.9	1.63	2.5	<1.0	1.0
	Fine	Moderate	05:23	05:26	3.1	Surface	1.0	26.1	7.9	29.82	100.2	6.86		1.65		<1.0	
	Fine	Moderate	05:23	05:26	3.1	Bottom	2.1	25.8	7.9	29.95	91.5	6.28	6.3	3.29		<1.0	
	Fine	Moderate	05:23	05:26	3.1	Bottom	2.1	25.8	7.9	29.95	91.6	6.29		3.27		<1.0	
17/5/2025	Fine	Moderate	06:24	06:28	3.3	Surface	1.0	26.8	7.9	29.47	90.3	6.12	6.1	1.22	1.4	<1.0	1.0
	Fine	Moderate	06:24	06:28	3.3	Surface	1.0	26.8	7.9	29.46	90.3	6.12		1.25		<1.0	
	Fine	Moderate	06:24	06:28	3.3	Bottom	2.3	26.6	7.9	29.61	91.6	6.22	6.2	1.55		<1.0	
	Fine	Moderate	06:24	06:28	3.3	Bottom	2.3	26.6	7.9	29.61	91.5	6.22		1.56		<1.0	
20/5/2025	Cloudy	Moderate	09:29	09:31	5.6	Surface	1.0	27.5	8.1	27.27	127.1	8.63	8.6	1.34	2.2	2.6	2.6
	Cloudy	Moderate	09:29	09:31	5.6	Surface	1.0	27.5	8.1	27.24	126.8	8.61		1.28		2.7	
	Cloudy	Moderate	09:29	09:31	5.6	Bottom	4.6	27.6	7.9	28.73	86.1	5.79	<u>5.8</u>	3.03		2.1	
	Cloudy	Moderate	09:29	09:31	5.6	Bottom	4.6	27.5	7.9	28.79	84.9	5.71		3.17		3.1	
22/5/2025	Sunny	Moderate	13:17	13:19	5.5	Surface	1.0	29.4	8.4	22.04	182.5	12.35	12.3	1.25	2.7	3.0	3.0
	Sunny	Moderate	13:17	13:19	5.5	Surface	1.0	29.4	8.4	22.07	182.1	12.32		1.21		3.5	
	Sunny	Moderate	13:17	13:19	5.5	Bottom	4.5	27.1	7.9	28.40	90.2	6.11	6.1	4.24		3.0	
	Sunny	Moderate	13:17	13:19	5.5	Bottom	4.5	27.1	7.9	28.40	90.2	6.11		4.24		2.6	
24/5/2025	Cloudy	Moderate	15:43	15:45	5.4	Surface	1.0	29.2	8.3	22.49	138.6	9.38	9.4	0.96	2.3	1.1	1.3
	Cloudy	Moderate	15:43	15:45	5.4	Surface	1.0	29.2	8.3	22.50	137.7	9.33		1.01		1.3	
	Cloudy	Moderate	15:43	15:45	5.4	Bottom	4.4	27.8	8.0	26.83	111.0	7.51	7.5	3.52		1.2	
	Cloudy	Moderate	15:43	15:45	5.4	Bottom	4.4	27.8	8.0	26.86	110.9	7.50		3.56		1.4	
27/5/2025	Cloudy	Moderate	05:48	05:50	5.5	Surface	1.0	26.4	8.0	27.40	94.2	6.51	6.5	1.78	2.4	1.3	1.4
	Cloudy	Moderate	05:48	05:50	5.5	Surface	1.0	26.4	8.0	27.40	93.9	6.49		1.77		1.9	
	Cloudy	Moderate	05:48	05:50	5.5	Bottom	4.5	26.2	7.9	27.75	78.2	5.41	<u>5.4</u>	2.98		1.2	
	Cloudy	Moderate	05:48	05:50	5.5	Bottom	4.5	26.2	7.9	27.72	78.2	5.41		2.98		1.1	
29/5/2025	Fine	Moderate	06:26	06:30	3.8	Surface	1.0	26.2	7.9	28.08	83.8	5.78	<u>5.8</u>	0.48	2.4	3.0	3.4
	Fine	Moderate	06:26	06:30	3.8	Surface	1.0	26.2	7.9	28.09	83.8	5.78		0.53		3.3	
	Fine	Moderate	06:26	06:30	3.8	Bottom	2.8	26.0	7.9	28.28	76.4	5.29	<u>5.3</u>	4.13		4.0	
	Fine	Moderate	06:26	06:30	3.8	Bottom	2.8	26.0	7.9	28.29	76.5	5.29		4.40		3.4	

Note:

1. Text with a red underline indicates exceedance.



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:36	16:40	4.9	Surface	1.0	24.9	8.0	29.40	112.2	7.87	7.9	3.12	3.5	5.0	4.0
	Sunny	Moderate	16:36	16:40	4.9	Surface	1.0	24.9	8.0	29.40	112.2	7.86		3.15		4.9	
	Sunny	Moderate	16:36	16:40	4.9	Bottom	3.9	24.2	7.9	29.88	87.3	6.17	6.2	3.86		3.2	
	Sunny	Moderate	16:36	16:40	4.9	Bottom	3.9	24.2	7.9	29.88	87.6	6.19		3.88		3.0	
6/5/2025	Cloudy	Moderate	08:42	08:45	4.8	Surface	1.0	26.6	8.2	28.77	154.3	10.54	10.6	1.84	1.8	<1.0	1.1
	Cloudy	Moderate	08:42	08:45	4.8	Surface	1.0	26.6	8.2	28.77	154.6	10.56		1.83		1.4	
	Cloudy	Moderate	08:42	08:45	4.8	Bottom	3.8	26.1	8.2	28.86	153.1	10.54	10.5	1.71		<1.0	
	Cloudy	Moderate	08:42	08:45	4.8	Bottom	3.8	26.1	8.2	28.86	153.1	10.54		1.73		<1.0	
8/5/2025	Cloudy	Moderate	09:48	09:50	5.1	Surface	1.0	26.4	8.0	28.38	99.3	6.82	6.8	1.16	1.4	<1.0	1.0
	Cloudy	Moderate	09:48	09:50	5.1	Surface	1.0	26.4	8.0	28.38	99.3	6.81		1.18		<1.0	
	Cloudy	Moderate	09:48	09:50	5.1	Bottom	4.1	26.3	8.0	28.41	98.3	6.76	6.8	1.72		1.0	
	Cloudy	Moderate	09:48	09:50	5.1	Bottom	4.1	26.3	8.0	28.41	98.3	6.76		1.72		<1.0	
10/5/2025	Cloudy	Moderate	10:42	10:45	5.0	Surface	1.0	24.6	8.1	30.87	92.4	6.45	6.4	1.34	1.3	4.1	4.2
	Cloudy	Moderate	10:42	10:45	5.0	Surface	1.0	24.6	8.1	30.87	92.3	6.44		1.39		4.0	
	Cloudy	Moderate	10:42	10:45	5.0	Bottom	4.0	24.6	8.2	33.31	90.7	6.25	6.3	1.22		4.4	
	Cloudy	Moderate	10:42	10:45	5.0	Bottom	4.0	24.6	8.2	33.31	90.8	6.25		1.28		4.1	
13/5/2025	Sunny	Moderate	12:05	12:08	5.9	Surface	1.0	25.7	8.0	29.71	109.8	7.58	7.6	0.64	0.6	2.1	2.1
	Sunny	Moderate	12:05	12:08	5.9	Surface	1.0	25.7	8.0	29.71	109.8	7.58		0.67		2.2	
	Sunny	Moderate	12:05	12:08	5.9	Bottom	4.9	25.5	8.0	29.78	106.6	7.38	7.4	0.58		2.0	
	Sunny	Moderate	12:05	12:08	5.9	Bottom	4.9	25.5	8.0	29.78	106.5	7.37		0.60		2.0	
15/5/2025	Sunny	Moderate	12:57	13:01	5.0	Surface	1.0	26.9	8.0	29.90	108.9	7.35	7.4	1.37	2.1	2.1	1.7
	Sunny	Moderate	12:57	13:01	5.0	Surface	1.0	26.9	8.0	29.90	108.8	7.35		1.36		1.8	
	Sunny	Moderate	12:57	13:01	5.0	Bottom	4.0	25.8	7.9	30.04	92.9	6.39	6.4	2.90		1.8	
	Sunny	Moderate	12:57	13:01	5.0	Bottom	4.0	25.8	7.9	30.04	92.9	6.39		2.86		1.2	
17/5/2025	Sunny	Calm	14:25	14:28	4.9	Surface	1.0	26.7	7.9	29.53	93.9	6.37	6.4	1.63	1.6	<1.0	1.0
	Sunny	Calm	14:25	14:28	4.9	Surface	1.0	26.7	7.9	29.53	93.9	6.37		1.66		<1.0	
	Sunny	Calm	14:25	14:28	4.9	Bottom	3.9	26.7	7.9	29.85	92.4	6.26	6.3	1.52		<1.0	
	Sunny	Calm	14:25	14:28	4.9	Bottom	3.9	26.7	7.9	29.85	92.4	6.26		1.56		<1.0	
20/5/2025	Cloudy	Moderate	16:45	16:47	5.4	Surface	1.0	27.7	8.2	26.62	143.6	9.74	9.7	1.21	1.3	3.0	3.0
	Cloudy	Moderate	16:45	16:47	5.4	Surface	1.0	27.6	8.2	26.72	143.4	9.73		1.19		3.3	
	Cloudy	Moderate	16:45	16:47	5.4	Bottom	4.4	27.4	8.0	27.91	108.1	7.31	7.1	1.46		2.9	
	Cloudy	Moderate	16:45	16:47	5.4	Bottom	4.4	27.5	8.0	27.85	103.1	6.97		1.44		2.6	
22/5/2025	Sunny	Moderate	08:44	08:46	5.4	Surface	1.0	29.3	8.3	22.27	168.9	11.43	11.4	1.34	2.4	2.8	2.3
	Sunny	Moderate	08:44	08:46	5.4	Surface	1.0	29.3	8.3	22.24	167.8	11.35		1.31		2.1	
	Sunny	Moderate	08:44	08:46	5.4	Bottom	4.4	27.1	7.9	28.53	81.7	5.53	<u>5.5</u>	3.42		2.0	
	Sunny	Moderate	08:44	08:46	5.4	Bottom	4.4	27.1	7.9	28.53	81.7	5.53		3.42		2.3	
24/5/2025	Cloudy	Moderate	09:52	09:54	5.8	Surface	1.0	28.4	8.2	24.43	134.6	9.15	9.2	1.49	3.3	1.4	1.4
	Cloudy	Moderate	09:52	09:54	5.8	Surface	1.0	28.4	8.2	24.43	134.6	9.15		1.49		1.6	
	Cloudy	Moderate	09:52	09:54	5.8	Bottom	4.8	27.3	7.8	27.73	75.9	5.15	<u>5.2</u>	5.03		1.3	
	Cloudy	Moderate	09:52	09:54	5.8	Bottom	4.8	27.3	7.8	27.73	75.9	5.15		5.03		1.3	
27/5/2025	Cloudy	Moderate	11:57	11:59	5.2	Surface	1.0	26.4	7.9	27.46	85.8	5.92	5.9	2.92	2.7	1.2	1.1
	Cloudy	Moderate	11:57	11:59	5.2	Surface	1.0	26.4	7.9	27.47	85.6	5.90		2.98		1.1	
	Cloudy	Moderate	11:57	11:59	5.2	Bottom	4.2	26.2	7.9	27.69	79.4	5.49	<u>5.5</u>	2.21		<1.0	
	Cloudy	Moderate	11:57	11:59	5.2	Bottom	4.2	26.2	7.9	27.70	79.6	5.50		2.55		1.1	
29/5/2025	Cloudy	Moderate	13:21	13:24	4.9	Surface	1.0	26.6	7.9	27.94	85.4	5.85	5.9	1.25	1.4	3.6	3.4
	Cloudy	Moderate	13:21	13:24	4.9	Surface	1.0	26.6	7.9	27.95	85.3	5.85		1.26		2.7	
	Cloudy	Moderate	13:21	13:24	4.9	Bottom	3.9	26.1	7.9	28.17	80.4	5.55	<u>5.6</u>	1.61		3.7	
	Cloudy	Moderate	13:21	13:24	4.9	Bottom	3.9	26.1	7.9	28.17	80.4	5.55		1.64		3.5	

Note:

1. Text with a red underline indicates exceedance.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR5
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:39	08:42	5.2	Surface	1.0	25.2	8.0	29.32	135.2	9.42	9.4	1.16	1.1	3.4	3.6
	Fine	Moderate	08:39	08:42	5.2	Surface	1.0	25.2	7.9	29.33	135.3	9.44		1.14		3.6	
	Fine	Moderate	08:39	08:42	5.2	Bottom	4.2	25.0	7.9	29.38	119.7	8.37	8.4	1.07		3.5	
	Fine	Moderate	08:39	08:42	5.2	Bottom	4.2	25.0	7.9	29.37	119.7	8.37		1.07		3.9	
6/5/2025	Cloudy	Moderate	13:14	13:17	4.9	Surface	1.0	26.8	8.2	28.82	159.4	10.84	10.8	1.14	1.3	1.3	1.7
	Cloudy	Moderate	13:14	13:17	4.9	Surface	1.0	26.8	8.2	28.82	159.4	10.84		1.16		1.4	
	Cloudy	Moderate	13:14	13:17	4.9	Bottom	3.9	26.1	8.2	28.87	152.2	10.48	10.5	1.41		2.0	
	Cloudy	Moderate	13:14	13:17	4.9	Bottom	3.9	26.1	8.2	28.87	151.9	10.46		1.43		1.9	
8/5/2025	Cloudy	Moderate	15:39	15:41	4.8	Surface	1.0	26.5	8.0	28.40	99.9	6.85	6.9	1.31	2.2	<1.0	1.0
	Cloudy	Moderate	15:39	15:41	4.8	Surface	1.0	26.3	8.0	28.42	99.9	6.87		1.38		<1.0	
	Cloudy	Moderate	15:39	15:41	4.8	Bottom	3.8	25.7	8.0	28.47	95.5	6.63	6.6	3.04		<1.0	
	Cloudy	Moderate	15:39	15:41	4.8	Bottom	3.8	25.7	8.0	28.47	95.6	6.63		3.11		<1.0	
10/5/2025	Cloudy	Moderate	17:13	17:16	4.9	Surface	1.0	24.7	8.1	32.04	89.1	6.19	6.2	2.47	2.4	3.7	4.0
	Cloudy	Moderate	17:13	17:16	4.9	Surface	1.0	24.7	8.1	32.04	89.0	6.18		2.49		4.0	
	Cloudy	Moderate	17:13	17:16	4.9	Bottom	3.9	24.6	8.1	32.25	88.3	6.11	6.1	2.26		3.9	
	Cloudy	Moderate	17:13	17:16	4.9	Bottom	3.9	24.6	8.1	32.25	88.3	6.11		2.27		4.2	
13/5/2025	Fine	Moderate	05:27	05:30	4.6	Surface	1.0	25.5	8.0	29.78	104.9	7.26	7.3	1.17	0.9	2.6	2.2
	Fine	Moderate	05:27	05:30	4.6	Surface	1.0	25.5	8.0	29.78	104.9	7.26		1.18		1.7	
	Fine	Moderate	05:27	05:30	4.6	Bottom	3.6	25.3	7.9	29.89	94.8	6.57	6.6	0.56		2.8	
	Fine	Moderate	05:27	05:30	4.6	Bottom	3.6	25.3	7.9	29.90	94.8	6.57		0.64		1.5	
15/5/2025	Fine	Moderate	05:35	05:38	4.8	Surface	1.0	26.3	7.9	29.81	98.9	6.75	6.8	1.54	2.2	1.4	1.2
	Fine	Moderate	05:35	05:38	4.8	Surface	1.0	26.3	7.9	29.81	98.9	6.75		1.59		1.0	
	Fine	Moderate	05:35	05:38	4.8	Bottom	3.8	26.2	7.9	29.81	101.4	6.93	6.9	2.75		1.3	
	Fine	Moderate	05:35	05:38	4.8	Bottom	3.8	26.2	7.9	29.82	101.5	6.93		2.76		1.2	
17/5/2025	Fine	Moderate	06:32	06:35	4.7	Surface	1.0	26.8	7.9	29.52	91.6	6.20	6.2	1.61	1.6	<1.0	1.0
	Fine	Moderate	06:32	06:35	4.7	Surface	1.0	26.8	7.9	29.53	91.7	6.21		1.61		<1.0	
	Fine	Moderate	06:32	06:35	4.7	Bottom	3.7	26.6	7.9	29.68	92.6	6.29	6.3	1.49		<1.0	
	Fine	Moderate	06:32	06:35	4.7	Bottom	3.7	26.6	7.9	29.68	92.5	6.29		1.50		<1.0	
20/5/2025	Cloudy	Moderate	09:35	09:37	5.5	Surface	1.0	27.6	8.1	26.67	133.1	9.04	9.0	1.39	1.6	2.6	2.8
	Cloudy	Moderate	09:35	09:37	5.5	Surface	1.0	27.6	8.1	26.82	132.3	8.99		1.39		2.5	
	Cloudy	Moderate	09:35	09:37	5.5	Bottom	4.5	27.5	7.9	28.52	93.3	6.28	6.3	1.76		2.9	
	Cloudy	Moderate	09:35	09:37	5.5	Bottom	4.5	27.5	7.9	28.54	93.2	6.27		1.81		3.1	
22/5/2025	Sunny	Moderate	13:08	13:10	5.2	Surface	1.0	29.0	8.3	22.31	177.4	12.05	12.0	1.42	2.1	2.6	3.0
	Sunny	Moderate	13:08	13:10	5.2	Surface	1.0	29.1	8.3	22.26	176.6	11.99		1.38		2.7	
	Sunny	Moderate	13:08	13:10	5.2	Bottom	4.2	27.1	7.9	28.55	83.5	5.66	5.7	2.54		4.5	
	Sunny	Moderate	13:08	13:10	5.2	Bottom	4.2	27.1	7.9	28.55	83.9	5.68		2.93		2.2	
24/5/2025	Cloudy	Moderate	15:37	15:39	5.7	Surface	1.0	29.1	8.3	22.64	140.2	9.50	9.5	0.91	2.1	1.3	1.3
	Cloudy	Moderate	15:37	15:39	5.7	Surface	1.0	29.1	8.3	22.64	140.1	9.49		0.90		1.4	
	Cloudy	Moderate	15:37	15:39	5.7	Bottom	4.7	27.4	7.9	27.57	89.8	6.09	6.1	3.19		<1.0	
	Cloudy	Moderate	15:37	15:39	5.7	Bottom	4.7	27.4	7.9	27.64	90.1	6.11		3.33		1.3	
27/5/2025	Cloudy	Moderate	06:00	06:02	5.2	Surface	1.0	26.4	8.0	27.40	94.5	6.53	6.5	1.91	2.1	1.3	1.2
	Cloudy	Moderate	06:00	06:02	5.2	Surface	1.0	26.4	8.0	27.39	94.2	6.51		1.97		1.3	
	Cloudy	Moderate	06:00	06:02	5.2	Bottom	4.2	26.2	7.9	27.75	77.9	5.39	5.4	2.26		1.1	
	Cloudy	Moderate	06:00	06:02	5.2	Bottom	4.2	26.2	7.9	27.76	78.1	5.40		2.26		1.1	
29/5/2025	Fine	Moderate	06:35	06:38	5.2	Surface	1.0	26.2	7.9	28.07	84.7	5.84	5.8	1.45	1.5	3.7	3.6
	Fine	Moderate	06:35	06:38	5.2	Surface	1.0	26.2	7.9	28.07	84.6	5.84		1.48		3.6	
	Fine	Moderate	06:35	06:38	5.2	Bottom	4.2	26.2	7.9	28.09	84.0	5.80	5.8	1.52		3.5	
	Fine	Moderate	06:35	06:38	5.2	Bottom	4.2	26.2	7.9	28.10	83.7	5.78		1.56		3.5	

Note:

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Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:25	16:28	2.4	Middle	1.2	25.2	8.1	29.31	144.6	10.07	10.1	1.14	1.1	3.9	4.2
	Sunny	Moderate	16:25	16:28	2.4	Middle	1.2	25.2	8.1	29.32	144.6	10.07		1.15		4.5	
6/5/2025	Cloudy	Moderate	08:55	08:57	2.3	Middle	1.2	25.9	8.2	28.97	149.1	10.29	10.3	1.74	1.7	<1.0	1.0
	Cloudy	Moderate	08:55	08:57	2.3	Middle	1.2	25.9	8.2	28.97	148.7	10.27		1.74		<1.0	
8/5/2025	Cloudy	Moderate	09:56	09:58	2.7	Middle	1.4	26.4	8.0	28.26	105.1	7.22	7.2	2.73	2.7	<1.0	1.0
	Cloudy	Moderate	09:56	09:58	2.7	Middle	1.4	26.4	8.0	28.27	105.1	7.22		2.76		<1.0	
10/5/2025	Cloudy	Moderate	10:51	10:54	2.7	Middle	1.4	24.6	8.1	31.11	94.2	6.56	6.6	2.15	2.2	3.0	3.6
	Cloudy	Moderate	10:51	10:54	2.7	Middle	1.4	24.6	8.1	31.12	94.1	6.56		2.15		4.1	
13/5/2025	Sunny	Moderate	11:58	12:00	2.7	Middle	1.4	25.5	8.0	29.79	103.5	7.16	7.2	1.41	1.4	2.2	2.5
	Sunny	Moderate	11:58	12:00	2.7	Middle	1.4	25.5	7.9	29.80	103.5	7.17		1.43		2.7	
15/5/2025	Sunny	Moderate	12:45	12:48	2.7	Middle	1.4	26.8	8.0	29.90	108.6	7.34	7.3	1.73	1.7	<1.0	1.0
	Sunny	Moderate	12:45	12:48	2.7	Middle	1.4	26.8	8.0	29.90	108.6	7.34		1.76		<1.0	
17/5/2025	Sunny	Calm	14:17	14:20	2.8	Middle	1.4	26.7	7.9	29.54	94.2	6.40	6.4	2.05	2.1	<1.0	1.0
	Sunny	Calm	14:17	14:20	2.8	Middle	1.4	26.7	7.9	29.54	94.2	6.40		2.06		<1.0	
20/5/2025	Cloudy	Moderate	16:36	16:37	2.7	Middle	1.4	27.5	8.2	27.18	148.1	10.04	10.0	1.66	1.7	2.6	2.7
	Cloudy	Moderate	16:36	16:37	2.7	Middle	1.4	27.6	8.2	27.16	147.9	10.03		1.68		2.7	
22/5/2025	Sunny	Moderate	09:07	09:09	2.5	Middle	1.3	29.4	8.3	22.52	168.5	11.36	11.3	1.21	1.2	3.0	2.8
	Sunny	Moderate	09:07	09:09	2.5	Middle	1.3	29.4	8.3	22.56	168.1	11.33		1.25		2.6	
24/5/2025	Cloudy	Moderate	10:01	10:03	2.5	Middle	1.3	28.3	8.2	24.74	129.0	8.76	8.8	0.95	1.0	1.2	1.4
	Cloudy	Moderate	10:01	10:03	2.5	Middle	1.3	28.3	8.2	24.74	129.0	8.76		0.95		1.6	
27/5/2025	Cloudy	Moderate	11:44	11:46	2.6	Middle	1.3	26.3	8.0	27.38	100.6	6.96	7.0	1.22	1.2	<1.0	1.0
	Cloudy	Moderate	11:44	11:46	2.6	Middle	1.3	26.3	8.0	27.38	100.3	6.94		1.21		1.0	
29/5/2025	Cloudy	Moderate	13:12	13:15	2.7	Middle	1.4	26.5	7.9	27.99	85.8	5.90	5.9	2.93	3.0	3.8	3.9
	Cloudy	Moderate	13:12	13:15	2.7	Middle	1.4	26.5	7.9	27.99	85.8	5.90		2.98		4.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR6
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:46	08:49	2.7	Middle	1.4	25.0	8.0	29.17	128.4	8.98	9.0	2.23	2.2	4.0	4.0
	Fine	Moderate	08:46	08:49	2.7	Middle	1.4	25.0	8.0	29.17	128.5	8.99		2.25		3.9	
6/5/2025	Cloudy	Moderate	13:05	13:08	2.6	Middle	1.3	26.9	8.2	28.82	159.3	10.82	10.8	1.13	1.1	1.2	1.1
	Cloudy	Moderate	13:05	13:08	2.6	Middle	1.3	26.9	8.2	28.82	159.2	10.82		1.16		<1.0	
8/5/2025	Cloudy	Moderate	15:31	15:33	2.5	Middle	1.3	26.4	8.0	28.40	100.3	6.89	6.9	1.23	1.2	<1.0	1.1
	Cloudy	Moderate	15:31	15:33	2.5	Middle	1.3	26.4	8.0	28.39	100.3	6.89		1.25		1.1	
10/5/2025	Cloudy	Moderate	17:02	17:05	2.4	Middle	1.2	24.7	8.1	31.30	89.8	6.25	6.3	2.58	2.6	4.4	4.3
	Cloudy	Moderate	17:02	17:05	2.4	Middle	1.2	24.7	8.1	31.37	89.8	6.25		2.59		4.2	
13/5/2025	Fine	Moderate	05:42	05:45	2.3	Middle	1.2	25.5	8.0	29.78	106.3	7.35	7.4	1.34	1.4	2.1	3.0
	Fine	Moderate	05:42	05:45	2.3	Middle	1.2	25.5	8.0	29.78	106.2	7.35		1.36		3.9	
15/5/2025	Fine	Moderate	05:44	05:46	2.6	Middle	1.3	27.0	7.9	29.90	101.4	6.83	6.8	2.42	2.4	<1.0	1.0
	Fine	Moderate	05:44	05:46	2.6	Middle	1.3	27.0	7.9	29.90	101.4	6.84		2.43		<1.0	
17/5/2025	Fine	Moderate	06:46	06:48	2.5	Middle	1.3	26.9	7.9	29.51	93.1	6.30	6.3	1.78	1.8	<1.0	1.0
	Fine	Moderate	06:46	06:48	2.5	Middle	1.3	26.9	7.9	29.51	93.1	6.30		1.78		<1.0	
20/5/2025	Cloudy	Moderate	09:43	09:45	2.7	Middle	1.4	27.6	8.1	26.72	137.9	9.37	9.4	1.29	1.3	2.5	2.7
	Cloudy	Moderate	09:43	09:45	2.7	Middle	1.4	27.6	8.1	26.67	137.7	9.36		1.29		2.8	
22/5/2025	Sunny	Moderate	12:56	12:58	2.6	Middle	1.3	29.2	8.3	22.96	181.4	12.24	12.2	1.21	1.2	1.6	1.9
	Sunny	Moderate	12:56	12:58	2.6	Middle	1.3	29.3	8.3	23.02	181.4	12.23		1.26		2.2	
24/5/2025	Cloudy	Moderate	15:26	15:28	2.5	Middle	1.3	29.1	8.3	22.91	141.8	9.59	9.6	0.98	1.0	1.2	1.4
	Cloudy	Moderate	15:26	15:28	2.5	Middle	1.3	29.1	8.3	22.87	141.3	9.56		0.94		1.5	
27/5/2025	Cloudy	Moderate	06:15	06:17	2.3	Middle	1.2	26.2	8.0	27.32	99.1	6.87	6.9	1.28	1.3	1.1	1.1
	Cloudy	Moderate	06:15	06:17	2.3	Middle	1.2	26.2	8.0	27.32	99.0	6.86		1.24		<1.0	
29/5/2025	Fine	Moderate	08:46	08:49	2.7	Middle	1.4	25.0	8.0	29.17	128.4	8.98	9.0	2.23	2.2	4.0	4.0
	Fine	Moderate	08:46	08:49	2.7	Middle	1.4	25.0	8.0	29.17	128.5	8.99		2.25		3.9	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:12	16:15	3.5	Surface	1.0	25.3	8.0	28.97	129.5	9.03	9.0	1.11	1.1	2.8	2.9
	Sunny	Moderate	16:12	16:15	3.5	Surface	1.0	25.3	8.0	28.97	129.4	9.02		1.11		3.1	
	Sunny	Moderate	16:12	16:15	3.5	Bottom	2.5	24.7	8.0	29.13	108.5	7.63	7.6	1.19		3.0	
	Sunny	Moderate	16:12	16:15	3.5	Bottom	2.5	24.7	8.0	29.13	108.4	7.63		1.18		2.7	
6/5/2025	Cloudy	Moderate	09:11	09:14	3.4	Surface	1.0	26.7	8.2	28.82	159.3	10.87	10.9	1.81	1.7	1.3	1.1
	Cloudy	Moderate	09:11	09:14	3.4	Surface	1.0	26.5	8.2	28.86	159.0	10.87		1.86		<1.0	
	Cloudy	Moderate	09:11	09:14	3.4	Bottom	2.4	25.8	8.2	29.04	143.5	9.92	9.9	1.55		<1.0	
	Cloudy	Moderate	09:11	09:14	3.4	Bottom	2.4	25.8	8.1	29.06	143.2	9.91		1.50		1.2	
8/5/2025	Cloudy	Moderate	10:09	10:12	3.7	Surface	1.0	26.5	8.0	28.23	104.9	7.19	7.2	1.70	1.6	<1.0	1.0
	Cloudy	Moderate	10:09	10:12	3.7	Surface	1.0	26.5	8.0	28.23	104.9	7.19		1.70		<1.0	
	Cloudy	Moderate	10:09	10:12	3.7	Bottom	2.7	26.0	8.0	28.50	99.9	6.90	6.9	1.49		1.1	
	Cloudy	Moderate	10:09	10:12	3.7	Bottom	2.7	26.0	8.0	28.50	99.8	6.89		1.51		<1.0	
10/5/2025	Cloudy	Moderate	11:04	11:07	3.5	Surface	1.0	24.9	8.1	28.30	91.9	6.48	6.5	1.31	2.1	3.7	3.6
	Cloudy	Moderate	11:04	11:07	3.5	Surface	1.0	24.9	8.1	28.29	91.9	6.48		1.33		3.6	
	Cloudy	Moderate	11:04	11:07	3.5	Bottom	2.5	24.7	8.1	31.35	88.5	6.14	6.1	2.97		3.5	
	Cloudy	Moderate	11:04	11:07	3.5	Bottom	2.5	24.7	8.1	31.35	88.5	6.14		2.97		3.6	
13/5/2025	Sunny	Moderate	11:40	11:43	3.5	Surface	1.0	25.6	8.0	29.81	112.3	7.76	7.8	1.51	1.9	1.7	2.2
	Sunny	Moderate	11:40	11:43	3.5	Surface	1.0	25.6	8.0	29.81	112.4	7.76		1.51		1.4	
	Sunny	Moderate	11:40	11:43	3.5	Bottom	2.5	25.5	8.0	29.81	112.6	7.78	7.8	2.33		2.2	
	Sunny	Moderate	11:40	11:43	3.5	Bottom	2.5	25.5	8.0	29.81	112.6	7.78		2.36		3.4	
15/5/2025	Sunny	Moderate	12:35	12:38	3.6	Surface	1.0	26.8	8.0	29.91	107.8	7.29	7.3	0.61	1.3	<1.0	1.7
	Sunny	Moderate	12:35	12:38	3.6	Surface	1.0	26.8	8.0	29.91	107.8	7.28		0.62		1.3	
	Sunny	Moderate	12:35	12:38	3.6	Bottom	2.6	25.8	7.9	30.00	96.7	6.64	6.6	1.93		2.4	
	Sunny	Moderate	12:35	12:38	3.6	Bottom	2.6	25.8	7.9	30.00	96.7	6.64		1.95		2.0	
17/5/2025	Sunny	Calm	14:02	14:05	3.5	Surface	1.0	26.8	7.9	29.62	93.6	6.34	6.3	1.54	2.1	<1.0	1.0
	Sunny	Calm	14:02	14:05	3.5	Surface	1.0	26.8	7.9	29.62	93.4	6.33		1.54		<1.0	
	Sunny	Calm	14:02	14:05	3.5	Bottom	2.5	26.6	7.9	29.88	82.6	5.61	<u>5.6</u>	2.64		<1.0	
	Sunny	Calm	14:02	14:05	3.5	Bottom	2.5	26.6	7.9	29.87	82.9	5.62		2.64		<1.0	
20/5/2025	Cloudy	Moderate	16:32	16:34	5.7	Surface	1.0	27.6	8.2	27.08	144.2	9.78	9.8	1.72	2.4	2.6	2.6
	Cloudy	Moderate	16:32	16:34	5.7	Surface	1.0	27.6	8.2	27.07	143.4	9.72		1.64		2.8	
	Cloudy	Moderate	16:32	16:34	5.7	Bottom	4.7	27.6	8.0	28.37	101.1	6.81	6.8	3.16		2.5	
	Cloudy	Moderate	16:32	16:34	5.7	Bottom	4.7	27.6	8.0	28.48	100.3	6.75		3.22		2.5	
22/5/2025	Sunny	Moderate	09:16	09:18	5.8	Surface	1.0	29.5	8.3	22.37	167.7	11.31	11.3	1.20	1.8	1.9	2.0
	Sunny	Moderate	09:16	09:18	5.8	Surface	1.0	29.5	8.3	22.39	166.9	11.26		1.23		2.0	
	Sunny	Moderate	09:16	09:18	5.8	Bottom	4.8	27.8	8.0	27.09	122.1	8.25	8.2	2.33		1.6	
	Sunny	Moderate	09:16	09:18	5.8	Bottom	4.8	27.8	8.0	27.20	121.6	8.21		2.41		2.4	
24/5/2025	Cloudy	Moderate	10:09	10:11	5.5	Surface	1.0	28.5	8.2	24.07	132.5	8.99	9.0	0.90	1.0	1.0	1.0
	Cloudy	Moderate	10:09	10:11	5.5	Surface	1.0	28.5	8.2	24.07	132.2	8.97		0.94		1.1	
	Cloudy	Moderate	10:09	10:11	5.5	Bottom	4.5	27.5	8.0	26.76	111.7	7.60	7.6	1.09		<1.0	
	Cloudy	Moderate	10:09	10:11	5.5	Bottom	4.5	27.4	8.0	26.80	111.3	7.58		1.25		<1.0	
27/5/2025	Cloudy	Moderate	11:31	11:33	5.6	Surface	1.0	26.3	8.0	27.38	98.8	6.84	6.8	1.16	1.9	<1.0	1.0
	Cloudy	Moderate	11:31	11:33	5.6	Surface	1.0	26.3	8.0	27.39	98.5	6.81		1.74		<1.0	
	Cloudy	Moderate	11:31	11:33	5.6	Bottom	4.6	26.2	8.0	27.63	84.6	5.86	<u>5.9</u>	2.43		<1.0	
	Cloudy	Moderate	11:31	11:33	5.6	Bottom	4.6	26.2	8.0	27.62	85.1	5.89		2.40		1.1	
29/5/2025	Cloudy	Moderate	12:59	13:02	3.7	Surface	1.0	26.3	8.0	27.95	85.4	5.88	5.9	1.21	1.7	2.7	3.0
	Cloudy	Moderate	12:59	13:02	3.7	Surface	1.0	26.4	8.0	27.93	85.6	5.89		1.25		3.4	
	Cloudy	Moderate	12:59	13:02	3.7	Bottom	2.7	26.1	8.0	28.23	83.3	5.76	<u>5.8</u>	2.19		2.2	
	Cloudy	Moderate	12:59	13:02	3.7	Bottom	2.7	26.1	8.0	28.23	83.3	5.76		2.22		3.5	

Note:

1. Text with a red underline indicates exceedance.



Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR9
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:57	09:01	3.8	Surface	1.0	25.5	8.1	29.12	137.4	9.55	9.5	1.05	1.2	3.0	2.9
	Fine	Moderate	08:57	09:01	3.8	Surface	1.0	25.5	8.1	29.12	137.4	9.54		1.07		2.7	
	Fine	Moderate	08:57	09:01	3.8	Bottom	2.8	25.1	8.0	29.21	126.3	8.83	8.8	1.22		2.8	
	Fine	Moderate	08:57	09:01	3.8	Bottom	2.8	25.1	8.0	29.21	126.4	8.83		1.26		3.0	
6/5/2025	Cloudy	Moderate	12:47	12:50	3.7	Surface	1.0	26.6	8.2	28.81	160.4	10.95	11.0	1.90	1.8	1.3	1.2
	Cloudy	Moderate	12:47	12:50	3.7	Surface	1.0	26.6	8.2	28.81	160.3	10.95		1.91		1.6	
	Cloudy	Moderate	12:47	12:50	3.7	Bottom	2.7	25.2	8.0	29.26	115.1	8.02	8.0	1.73		<1.0	
	Cloudy	Moderate	12:47	12:50	3.7	Bottom	2.7	25.2	8.0	29.26	115.1	8.02		1.76		<1.0	
8/5/2025	Cloudy	Moderate	15:18	15:22	3.5	Surface	1.0	26.5	8.0	28.29	105.5	7.23	7.2	1.53	1.6	<1.0	1.0
	Cloudy	Moderate	15:18	15:22	3.5	Surface	1.0	26.5	8.0	28.29	105.4	7.23		1.58		<1.0	
	Cloudy	Moderate	15:18	15:22	3.5	Bottom	2.5	26.5	8.0	28.29	105.2	7.21	7.2	1.67		<1.0	
	Cloudy	Moderate	15:18	15:22	3.5	Bottom	2.5	26.5	8.0	28.29	105.2	7.21		1.68		<1.0	
10/5/2025	Cloudy	Moderate	16:47	16:50	3.3	Surface	1.0	24.7	8.2	31.05	95.7	6.68	6.7	2.79	3.3	4.2	3.9
	Cloudy	Moderate	16:47	16:50	3.3	Surface	1.0	24.7	8.2	31.05	95.7	6.68		2.77		4.1	
	Cloudy	Moderate	16:47	16:50	3.3	Bottom	2.3	24.7	8.2	32.51	93.8	6.48	6.5	3.80		3.3	
	Cloudy	Moderate	16:47	16:50	3.3	Bottom	2.3	24.7	8.2	32.43	93.8	6.49		3.82		4.1	
13/5/2025	Fine	Moderate	05:59	06:02	3.3	Surface	1.0	25.6	8.0	29.81	103.5	7.15	7.2	0.81	0.9	3.2	2.6
	Fine	Moderate	05:59	06:02	3.3	Surface	1.0	25.6	8.0	29.81	103.6	7.15		0.84		3.2	
	Fine	Moderate	05:59	06:02	3.3	Bottom	2.3	25.4	8.0	29.84	106.3	7.37	7.4	1.05		2.6	
	Fine	Moderate	05:59	06:02	3.3	Bottom	2.3	25.4	8.0	29.84	106.3	7.36		1.06		1.4	
15/5/2025	Fine	Moderate	05:53	05:55	3.2	Surface	1.0	26.9	7.9	29.90	101.3	6.83	6.8	1.60	2.7	<1.0	1.1
	Fine	Moderate	05:53	05:55	3.2	Surface	1.0	26.9	7.9	29.90	101.2	6.83		1.62		1.2	
	Fine	Moderate	05:53	05:55	3.2	Bottom	2.2	26.0	7.9	29.93	93.5	6.41	6.4	3.84		1.1	
	Fine	Moderate	05:53	05:55	3.2	Bottom	2.2	26.0	7.9	29.93	93.5	6.41		3.88		1.2	
17/5/2025	Fine	Moderate	07:01	07:04	3.4	Surface	1.0	26.7	7.9	29.50	93.2	6.33	6.3	1.75	2.3	<1.0	1.0
	Fine	Moderate	07:01	07:04	3.4	Surface	1.0	26.7	7.9	29.50	93.2	6.33		1.74		<1.0	
	Fine	Moderate	07:01	07:04	3.4	Bottom	2.4	26.7	7.9	29.75	86.3	5.85	<u>5.9</u>	2.85		<1.0	
	Fine	Moderate	07:01	07:04	3.4	Bottom	2.4	26.7	7.9	29.75	86.4	5.86		2.93		<1.0	
20/5/2025	Cloudy	Moderate	09:52	09:55	5.2	Surface	1.0	27.8	8.1	26.94	138.4	9.36	9.3	1.35	2.4	2.7	2.6
	Cloudy	Moderate	09:52	09:55	5.2	Surface	1.0	27.7	8.1	26.97	137.8	9.32		1.35		2.8	
	Cloudy	Moderate	09:52	09:55	5.2	Bottom	4.2	27.6	7.9	28.68	88.0	5.91	<u>5.9</u>	3.44		2.8	
	Cloudy	Moderate	09:52	09:55	5.2	Bottom	4.2	27.6	7.9	28.69	87.5	5.88		3.58		2.2	
22/5/2025	Sunny	Moderate	12:50	12:52	5.7	Surface	1.0	29.2	8.3	22.83	175.1	11.83	11.8	1.33	2.7	2.1	2.6
	Sunny	Moderate	12:50	12:52	5.7	Surface	1.0	29.2	8.3	22.82	174.1	11.76		1.30		3.9	
	Sunny	Moderate	12:50	12:52	5.7	Bottom	4.7	27.0	7.6	29.06	38.7	2.62	<u>2.6</u>	4.02		2.5	
	Sunny	Moderate	12:50	12:52	5.7	Bottom	4.7	27.0	7.6	29.06	39.2	2.66		4.22		1.7	
24/5/2025	Cloudy	Moderate	15:12	15:14	5.0	Surface	1.0	28.2	8.2	24.92	132.9	9.03	9.0	1.07	1.8	1.4	1.4
	Cloudy	Moderate	15:12	15:14	5.0	Surface	1.0	28.2	8.2	24.94	132.5	9.00		1.09		1.4	
	Cloudy	Moderate	15:12	15:14	5.0	Bottom	4.0	27.1	7.7	28.18	57.1	3.88	<u>3.9</u>	2.43		1.2	
	Cloudy	Moderate	15:12	15:14	5.0	Bottom	4.0	27.1	7.7	28.18	57.1	3.88		2.43		1.7	
27/5/2025	Cloudy	Moderate	06:21	06:23	5.7	Surface	1.0	26.2	8.0	27.32	97.8	6.78	6.8	1.20	2.6	1.0	1.1
	Cloudy	Moderate	06:21	06:23	5.7	Surface	1.0	26.2	8.0	27.32	97.3	6.74		1.25		<1.0	
	Cloudy	Moderate	06:21	06:23	5.7	Bottom	4.7	26.2	7.9	27.54	79.7	5.51	<u>5.5</u>	3.90		<1.0	
	Cloudy	Moderate	06:21	06:23	5.7	Bottom	4.7	26.2	7.9	27.54	80.3	5.55		3.97		1.2	
29/5/2025	Fine	Moderate	07:09	07:11	3.9	Surface	1.0	26.2	8.0	28.01	85.0	5.87	5.9	1.08	1.1	3.3	3.4
	Fine	Moderate	07:09	07:11	3.9	Surface	1.0	26.2	8.0	28.05	84.8	5.86		1.09		3.3	
	Fine	Moderate	07:09	07:11	3.9	Bottom	2.9	26.1	8.0	28.17	83.7	5.78	<u>5.8</u>	1.16		3.4	
	Fine	Moderate	07:09	07:11	3.9	Bottom	2.9	26.1	8.0	28.17	83.7	5.78		1.17		3.4	

Note:

1. Text with a red underline indicates exceedance.



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:01	16:04	2.5	Middle	1.3	24.7	8.0	29.10	110.5	7.77	7.8	2.20	2.2	2.8	2.8
	Sunny	Moderate	16:01	16:04	2.5	Middle	1.3	24.7	8.0	29.11	110.4	7.77		2.23		2.8	
6/5/2025	Cloudy	Moderate	09:21	09:24	2.5	Middle	1.3	26.7	8.2	28.79	161.0	10.98	11.0	1.03	1.0	1.6	2.0
	Cloudy	Moderate	09:21	09:24	2.5	Middle	1.3	26.7	8.2	28.76	161.0	10.98		1.06		2.4	
8/5/2025	Cloudy	Moderate	10:19	10:22	2.8	Middle	1.4	26.2	8.0	28.36	103.5	7.13	7.1	0.80	0.8	<1.0	1.1
	Cloudy	Moderate	10:19	10:22	2.8	Middle	1.4	26.2	8.0	28.36	103.5	7.13		0.84		1.1	
10/5/2025	Cloudy	Moderate	11:12	11:14	2.6	Middle	1.3	24.9	8.1	28.66	92.6	6.51	6.5	1.25	1.3	4.6	4.5
	Cloudy	Moderate	11:12	11:14	2.6	Middle	1.3	24.9	8.1	28.65	92.6	6.51		1.26		4.4	
13/5/2025	Sunny	Moderate	11:33	11:35	2.8	Middle	1.4	25.5	8.0	29.82	113.3	7.83	7.8	1.20	1.2	1.7	2.0
	Sunny	Moderate	11:33	11:35	2.8	Middle	1.4	25.5	8.0	29.82	113.3	7.83		1.21		2.2	
15/5/2025	Sunny	Moderate	12:29	12:32	2.6	Middle	1.3	26.7	8.0	29.92	107.1	7.26	7.3	0.56	0.6	2.3	2.4
	Sunny	Moderate	12:29	12:32	2.6	Middle	1.3	26.6	8.0	29.91	107.1	7.26		0.58		2.5	
17/5/2025	Sunny	Calm	13:52	13:54	2.7	Middle	1.4	27.0	7.9	29.38	94.7	6.40	6.4	1.58	1.6	<1.0	1.0
	Sunny	Calm	13:52	13:54	2.7	Middle	1.4	27.0	7.9	29.38	94.6	6.40		1.58		<1.0	
20/5/2025	Cloudy	Moderate	16:26	16:28	2.4	Middle	1.2	28.1	8.2	27.61	155.4	10.41	10.4	1.74	1.8	2.3	2.7
	Cloudy	Moderate	16:26	16:28	2.4	Middle	1.2	28.1	8.2	27.59	155.2	10.39		1.89		3.0	
22/5/2025	Sunny	Moderate	09:26	09:28	2.8	Middle	1.4	29.4	8.3	23.28	186.4	12.51	12.4	1.20	1.2	3.2	3.3
	Sunny	Moderate	09:26	09:28	2.8	Middle	1.4	29.6	8.3	23.17	185.0	12.38		1.23		3.3	
24/5/2025	Cloudy	Moderate	10:20	10:22	2.8	Middle	1.4	28.1	8.2	25.22	130.9	8.90	8.9	1.03	1.1	1.5	1.6
	Cloudy	Moderate	10:20	10:22	2.8	Middle	1.4	28.1	8.2	25.17	130.4	8.86		1.07		1.7	
27/5/2025	Cloudy	Moderate	11:20	11:22	2.7	Middle	1.4	26.3	8.0	27.45	102.1	7.06	7.1	1.04	1.1	1.1	1.1
	Cloudy	Moderate	11:20	11:22	2.7	Middle	1.4	26.3	8.1	27.45	102.2	7.06		1.08		<1.0	
29/5/2025	Cloudy	Moderate	12:49	12:52	2.6	Middle	1.3	26.5	8.0	27.91	87.2	5.99	6.0	1.35	1.4	3.3	3.4
	Cloudy	Moderate	12:49	12:52	2.6	Middle	1.3	26.5	8.0	27.91	87.2	5.99		1.35		3.5	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR10
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	09:08	09:11	2.8	Middle	1.4	25.0	8.0	28.86	126.9	8.90	8.9	2.58	2.6	2.8	3.3
	Fine	Moderate	09:08	09:11	2.8	Middle	1.4	25.0	8.0	28.86	127.5	8.93		2.60		3.7	
6/5/2025	Cloudy	Moderate	12:40	12:43	2.7	Middle	1.4	26.4	8.2	28.82	153.7	10.53	10.5	1.92	1.9	<1.0	1.0
	Cloudy	Moderate	12:40	12:43	2.7	Middle	1.4	26.4	8.2	28.82	153.7	10.53		1.95		<1.0	
8/5/2025	Cloudy	Moderate	15:09	15:11	2.4	Middle	1.2	25.9	8.0	28.51	97.7	6.76	6.8	2.46	2.5	<1.0	1.0
	Cloudy	Moderate	15:09	15:11	2.4	Middle	1.2	25.9	8.0	28.51	97.8	6.77		2.49		<1.0	
10/5/2025	Cloudy	Moderate	16:37	16:40	2.5	Middle	1.3	24.8	8.2	31.13	94.2	6.56	6.6	2.31	2.3	4.5	4.4
	Cloudy	Moderate	16:37	16:40	2.5	Middle	1.3	24.8	8.2	31.13	94.2	6.55		2.36		4.2	
13/5/2025	Fine	Moderate	06:09	06:11	2.4	Middle	1.2	25.5	8.0	29.81	103.7	7.17	7.2	1.25	1.3	2.3	2.5
	Fine	Moderate	06:09	06:11	2.4	Middle	1.2	25.5	8.0	29.81	103.7	7.17		1.26		2.7	
15/5/2025	Fine	Moderate	06:03	06:05	2.4	Middle	1.2	27.1	7.9	29.90	101.7	6.86	6.9	1.06	1.1	1.3	1.5
	Fine	Moderate	06:03	06:05	2.4	Middle	1.2	27.1	7.9	29.90	101.7	6.86		1.07		1.6	
17/5/2025	Fine	Moderate	07:11	07:13	2.6	Middle	1.3	26.7	7.9	29.37	94.5	6.42	6.4	1.39	1.4	<1.0	1.0
	Fine	Moderate	07:11	07:13	2.6	Middle	1.3	26.7	7.9	29.36	94.5	6.42		1.40		<1.0	
20/5/2025	Cloudy	Moderate	09:58	09:59	2.6	Middle	1.3	27.8	8.1	27.90	139.6	9.39	9.4	1.28	1.3	2.5	2.7
	Cloudy	Moderate	09:58	09:59	2.6	Middle	1.3	27.8	8.1	27.90	139.1	9.36		1.29		2.8	
22/5/2025	Sunny	Moderate	12:42	12:44	2.7	Middle	1.4	29.1	8.4	23.58	198.8	13.39	13.3	1.43	1.4	3.8	2.9
	Sunny	Moderate	12:42	12:44	2.7	Middle	1.4	29.2	8.4	23.53	197.8	13.30		1.41		2.0	
24/5/2025	Cloudy	Moderate	15:06	15:08	2.5	Middle	1.3	27.9	8.1	25.93	126.5	8.59	8.6	1.28	1.3	1.2	1.3
	Cloudy	Moderate	15:06	15:08	2.5	Middle	1.3	27.9	8.1	25.82	126.2	8.56		1.30		1.4	
27/5/2025	Cloudy	Moderate	06:27	06:29	2.6	Middle	1.3	26.2	8.0	27.34	99.3	6.88	6.9	1.35	1.4	<1.0	1.1
	Cloudy	Moderate	06:27	06:29	2.6	Middle	1.3	26.2	8.0	27.34	99.4	6.88		1.36		1.2	
29/5/2025	Fine	Moderate	07:15	07:17	2.9	Middle	1.5	26.3	8.0	27.93	86.1	5.93	5.9	1.11	1.1	4.1	4.1
	Fine	Moderate	07:15	07:17	2.9	Middle	1.5	26.3	8.0	27.93	86.1	5.93		1.10		4.0	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	15:51	15:53	1.2	Middle	0.6	25.2	8.0	28.97	128.9	9.01	9.0	1.03	1.0	3.0	3.1
	Sunny	Moderate	15:51	15:53	1.2	Middle	0.6	25.2	8.0	28.97	129.2	9.02		1.06		3.2	
6/5/2025	Cloudy	Moderate	09:29	09:32	1.2	Middle	0.6	26.9	8.2	28.80	160.3	10.86	10.9	1.66	1.7	1.4	1.6
	Cloudy	Moderate	09:29	09:32	1.2	Middle	0.6	26.9	8.2	28.80	160.5	10.87		1.69		1.8	
8/5/2025	Cloudy	Moderate	10:27	10:29	1.3	Middle	0.7	26.6	8.0	28.20	106.2	7.28	7.3	1.60	1.6	1.0	1.1
	Cloudy	Moderate	10:27	10:29	1.3	Middle	0.7	26.6	8.0	28.20	106.2	7.28		1.61		1.2	
10/5/2025	Cloudy	Moderate	11:21	11:23	1.7	Middle	0.9	24.9	8.1	28.64	93.2	6.56	6.6	1.36	1.4	4.4	4.4
	Cloudy	Moderate	11:21	11:23	1.7	Middle	0.9	24.9	8.1	28.64	93.2	6.56		1.36		4.4	
13/5/2025	Sunny	Moderate	11:27	11:29	1.6	Middle	0.8	25.7	8.0	29.78	112.9	7.79	7.8	1.28	1.3	1.2	1.1
	Sunny	Moderate	11:27	11:29	1.6	Middle	0.8	25.7	8.0	29.78	112.7	7.78		1.30		1.0	
15/5/2025	Sunny	Moderate	12:21	12:24	1.5	Middle	0.8	26.6	8.0	29.92	103.5	7.03	7.0	0.31	0.3	2.3	2.3
	Sunny	Moderate	12:21	12:24	1.5	Middle	0.8	26.6	8.0	29.92	103.5	7.03		0.31		2.3	
17/5/2025	Sunny	Calm	13:48	13:50	1.6	Middle	0.8	26.9	7.9	29.56	95.7	6.48	6.5	1.73	1.7	<1.0	1.0
	Sunny	Calm	13:48	13:50	1.6	Middle	0.8	26.9	7.9	29.56	95.7	6.48		1.73		<1.0	
20/5/2025	Cloudy	Moderate	16:20	16:22	1.6	Middle	0.8	28.2	8.2	27.53	154.4	10.33	10.3	2.48	2.4	2.8	2.8
	Cloudy	Moderate	16:20	16:22	1.6	Middle	0.8	28.3	8.2	27.52	153.9	10.29		2.34		2.8	
22/5/2025	Sunny	Moderate	09:34	09:36	2.4	Middle	1.2	29.1	8.3	23.92	193.9	13.04	13.0	1.27	1.3	2.9	2.2
	Sunny	Moderate	09:34	09:36	2.4	Middle	1.2	29.2	8.3	23.95	194.1	13.04		1.24		1.5	
24/5/2025	Cloudy	Moderate	10:28	10:30	1.5	Middle	0.8	28.1	8.2	25.22	133.1	9.04	9.0	1.01	1.0	1.4	1.5
	Cloudy	Moderate	10:28	10:30	1.5	Middle	0.8	28.1	8.2	25.22	133.0	9.04		1.04		1.6	
27/5/2025	Cloudy	Moderate	11:13	11:15	2.1	Middle	1.1	26.3	8.1	27.45	102.3	7.07	7.1	1.20	1.3	1.2	1.2
	Cloudy	Moderate	11:13	11:15	2.1	Middle	1.1	26.3	8.1	27.45	102.6	7.09		1.32		1.1	
29/5/2025	Cloudy	Moderate	12:41	12:43	1.7	Middle	0.9	26.4	8.0	27.97	86.5	5.96	6.0	1.61	1.6	3.2	3.1
	Cloudy	Moderate	12:41	12:43	1.7	Middle	0.9	26.4	8.0	27.96	86.6	5.97		1.64		3.0	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR12
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	09:17	09:19	1.5	Middle	0.8	25.3	8.0	28.88	132.4	9.24	9.2	2.31	2.3	3.5	3.5
	Fine	Moderate	09:17	09:19	1.5	Middle	0.8	25.3	8.0	28.88	132.4	9.23		2.31		3.4	
6/5/2025	Cloudy	Moderate	12:31	12:34	1.5	Middle	0.8	26.1	8.2	28.85	154.8	10.66	10.7	1.90	1.9	1.8	1.7
	Cloudy	Moderate	12:31	12:34	1.5	Middle	0.8	26.0	8.2	28.85	154.6	10.65		1.90		1.6	
8/5/2025	Cloudy	Moderate	15:02	15:05	1.3	Middle	0.7	26.6	8.0	28.27	105.9	7.25	7.3	1.08	1.1	<1.0	1.0
	Cloudy	Moderate	15:02	15:05	1.3	Middle	0.7	26.6	8.0	28.27	105.9	7.25		1.13		<1.0	
10/5/2025	Cloudy	Moderate	16:31	16:33	1.4	Middle	0.7	24.7	8.2	30.67	95.4	6.65	6.7	1.50	1.5	3.9	3.9
	Cloudy	Moderate	16:31	16:33	1.4	Middle	0.7	24.7	8.2	30.67	95.4	6.65		1.52		3.9	
13/5/2025	Fine	Moderate	06:16	06:18	1.3	Middle	0.7	25.6	7.9	29.82	100.3	6.93	6.9	0.93	1.0	1.2	1.3
	Fine	Moderate	06:16	06:18	1.3	Middle	0.7	25.6	7.9	29.83	100.3	6.93		0.97		1.4	
15/5/2025	Fine	Moderate	06:11	06:14	1.3	Middle	0.7	26.9	8.0	29.91	107.2	7.24	7.2	1.66	1.7	1.5	1.3
	Fine	Moderate	06:11	06:14	1.3	Middle	0.7	26.9	8.0	29.91	107.2	7.24		1.69		1.1	
17/5/2025	Fine	Moderate	07:19	07:21	1.3	Middle	0.7	26.8	7.9	29.80	86.2	5.83	5.8	2.11	2.1	<1.0	1.0
	Fine	Moderate	07:19	07:21	1.3	Middle	0.7	26.8	7.9	29.80	86.4	5.84		2.13		<1.0	
20/5/2025	Cloudy	Moderate	10:02	10:03	1.6	Middle	0.8	27.9	8.1	27.80	144.9	9.74	9.8	1.33	1.3	2.9	2.8
	Cloudy	Moderate	10:02	10:03	1.6	Middle	0.8	27.9	8.1	27.80	146.4	9.84		1.33		2.6	
22/5/2025	Sunny	Moderate	12:37	12:39	2.0	Middle	1.0	29.9	8.3	23.32	185.8	12.38	12.3	1.23	1.2	2.0	2.1
	Sunny	Moderate	12:37	12:39	2.0	Middle	1.0	29.9	8.3	23.31	184.7	12.30		1.22		2.2	
24/5/2025	Cloudy	Moderate	15:00	15:02	1.8	Middle	0.9	28.1	8.1	25.64	122.6	8.31	8.3	2.01	2.0	1.4	1.4
	Cloudy	Moderate	15:00	15:02	1.8	Middle	0.9	28.1	8.1	25.64	122.6	8.31		2.01		1.4	
27/5/2025	Cloudy	Moderate	06:35	06:37	1.8	Middle	0.9	26.2	8.0	27.34	99.4	6.88	6.9	1.26	1.2	<1.0	1.2
	Cloudy	Moderate	06:35	06:37	1.8	Middle	0.9	26.3	8.0	27.34	99.4	6.88		1.22		1.3	
29/5/2025	Fine	Moderate	07:20	07:22	1.8	Middle	0.9	26.4	8.0	27.91	85.6	5.89	5.9	1.19	1.2	3.4	3.3
	Fine	Moderate	07:20	07:22	1.8	Middle	0.9	26.4	8.0	27.91	85.5	5.89		1.23		3.2	



Contract No. CM 04/2024 - Outlying Islands Sewerage
Stage 2 – South Lantau Sewerage Works –
Environmental Team Services (2025 - 2027)

UMWELT CONSULTING LIMITED

23/F, On Hong Commercial Building, 145
Hennessy Road, Wan Chai, Hong Kong

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Ebb tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Sunny	Moderate	16:58	17:01	1.8	Middle	0.9	25.1	8.0	29.05	113.9	7.97	8.0	1.23	1.2	3.7	3.4
	Sunny	Moderate	16:58	17:01	1.8	Middle	0.9	25.1	8.0	29.05	113.9	7.96		1.25		3.0	
6/5/2025	Cloudy	Moderate	08:25	08:27	1.5	Middle	0.8	26.4	8.2	28.77	151.8	10.39	10.4	1.66	1.7	<1.0	1.2
	Cloudy	Moderate	08:25	08:27	1.5	Middle	0.8	26.4	8.2	28.77	151.5	10.38		1.67		1.3	
8/5/2025	Cloudy	Moderate	09:27	09:30	2.0	Middle	1.0	25.7	7.9	28.42	98.5	6.79	6.8	1.25	1.3	1.2	1.5
	Cloudy	Moderate	09:27	09:30	2.0	Middle	1.0	25.7	7.9	28.41	98.5	6.78		1.33		1.7	
10/5/2025	Cloudy	Moderate	10:25	10:27	1.9	Middle	1.0	24.6	8.1	30.83	93.8	6.54	6.5	3.03	3.0	4.1	4.2
	Cloudy	Moderate	10:25	10:27	1.9	Middle	1.0	24.6	8.1	30.83	93.8	6.54		3.03		4.3	
13/5/2025	Sunny	Moderate	12:20	12:22	1.7	Middle	0.9	25.3	7.9	29.83	97.9	6.79	6.8	0.17	0.2	1.3	1.4
	Sunny	Moderate	12:20	12:22	1.7	Middle	0.9	25.3	7.9	29.83	98.0	6.79		0.18		1.5	
15/5/2025	Sunny	Moderate	13:21	13:24	1.9	Middle	1.0	26.8	8.0	29.88	107.5	7.27	7.3	2.97	3.0	1.2	1.1
	Sunny	Moderate	13:21	13:24	1.9	Middle	1.0	26.8	8.0	29.88	107.5	7.27		2.97		<1.0	
17/5/2025	Sunny	Calm	14:46	14:49	1.9	Middle	1.0	27.7	7.9	29.62	92.6	6.18	6.2	1.22	1.2	<1.0	1.0
	Sunny	Calm	14:46	14:49	1.9	Middle	1.0	27.7	7.9	29.62	92.6	6.18		1.26		<1.0	
20/5/2025	Cloudy	Moderate	17:16	17:18	2.6	Middle	1.3	27.8	8.2	25.83	144.9	9.85	9.8	1.38	1.4	3.2	3.1
	Cloudy	Moderate	17:16	17:18	2.6	Middle	1.3	27.8	8.2	25.84	144.2	9.80		1.49		2.9	
22/5/2025	Sunny	Moderate	08:36	08:38	2.4	Middle	1.2	29.2	8.3	21.91	172.8	11.73	11.7	1.51	1.5	4.0	4.2
	Sunny	Moderate	08:36	08:38	2.4	Middle	1.2	29.2	8.3	21.90	172.8	11.73		1.53		4.4	
24/5/2025	Cloudy	Moderate	09:40	09:42	2.6	Middle	1.3	28.0	8.1	25.81	134.0	9.09	9.1	2.28	2.4	1.6	1.4
	Cloudy	Moderate	09:40	09:42	2.6	Middle	1.3	27.9	8.1	25.86	133.2	9.04		2.42		1.2	
27/5/2025	Cloudy	Moderate	12:16	12:18	2.4	Middle	1.2	26.5	8.0	27.44	98.5	6.79	6.8	1.79	1.8	<1.0	1.1
	Cloudy	Moderate	12:16	12:18	2.4	Middle	1.2	26.5	8.0	27.44	98.9	6.81		1.76		1.2	
29/5/2025	Cloudy	Moderate	13:39	13:42	1.9	Middle	1.0	26.4	7.9	27.99	85.1	5.86	5.9	0.80	0.8	2.6	2.9
	Cloudy	Moderate	13:39	13:42	1.9	Middle	1.0	26.4	7.9	27.98	85.3	5.87		0.78		3.1	

Contract No. CM 04/2024 –
Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

Station: SR15
Tide: Flood tide

Date	Weather	Sea	Sampling Time		Water Depth	Level	Sampling depth	Water Temperature	pH	Salinity	Dissolved Oxygen	Dissolved Oxygen	Depth Average	Turbidity	Depth Average	TSS	Depth Average
(dd/mm/yyyy)	Condition	Condition	Start	Finish	m		m	°C	Value	ppt	%	mg/L	mg/L	NTU	NTU	mg/L	mg/L
3/5/2025	Fine	Moderate	08:21	08:24	2.0	Middle	1.0	24.8	7.9	29.25	108.0	7.58	7.6	2.10	2.1	3.0	3.0
	Fine	Moderate	08:21	08:24	2.0	Middle	1.0	24.8	7.9	29.25	107.9	7.58		2.10		3.0	
6/5/2025	Cloudy	Moderate	13:32	13:35	1.7	Middle	0.9	26.7	8.2	28.80	160.5	10.95	11.0	2.05	2.1	1.1	1.2
	Cloudy	Moderate	13:32	13:35	1.7	Middle	0.9	26.7	8.2	28.80	160.5	10.95		2.06		1.2	
8/5/2025	Cloudy	Moderate	15:59	16:01	1.9	Middle	1.0	26.7	8.0	28.32	104.3	7.13	7.1	1.09	1.1	<1.0	1.0
	Cloudy	Moderate	15:59	16:01	1.9	Middle	1.0	26.7	8.0	28.32	104.3	7.13		1.08		<1.0	
10/5/2025	Cloudy	Moderate	17:36	17:39	1.8	Middle	0.9	24.8	8.1	28.74	91.3	6.43	6.4	1.52	1.5	4.1	4.1
	Cloudy	Moderate	17:36	17:39	1.8	Middle	0.9	24.8	8.1	28.74	91.3	6.42		1.52		4.0	
13/5/2025	Fine	Moderate	05:11	05:13	1.6	Middle	0.8	25.5	8.0	29.78	104.4	7.23	7.2	1.12	1.1	1.9	2.1
	Fine	Moderate	05:11	05:13	1.6	Middle	0.8	25.5	8.0	29.78	104.3	7.22		1.16		2.3	
15/5/2025	Fine	Moderate	05:17	05:20	1.7	Middle	0.9	26.3	7.9	29.81	98.9	6.75	6.8	1.62	1.6	1.3	1.4
	Fine	Moderate	05:17	05:20	1.7	Middle	0.9	26.3	7.9	29.81	98.9	6.75		1.65		1.4	
17/5/2025	Fine	Moderate	06:15	06:17	1.7	Middle	0.9	26.4	7.8	29.50	86.8	5.92	5.9	1.62	1.6	<1.0	1.0
	Fine	Moderate	06:15	06:17	1.7	Middle	0.9	26.4	7.8	29.50	86.8	5.92		1.65		<1.0	
20/5/2025	Cloudy	Moderate	09:13	09:15	2.6	Middle	1.3	27.7	8.1	25.55	133.3	9.10	9.1	1.26	1.3	2.6	2.7
	Cloudy	Moderate	09:13	09:15	2.6	Middle	1.3	27.7	8.1	25.61	133.2	9.09		1.28		2.7	
22/5/2025	Sunny	Moderate	13:26	13:28	2.8	Middle	1.4	29.0	8.3	24.57	197.8	13.29	13.2	1.53	1.5	2.9	2.7
	Sunny	Moderate	13:26	13:28	2.8	Middle	1.4	29.0	8.3	24.53	197.5	13.17		1.52		2.5	
24/5/2025	Cloudy	Moderate	15:50	15:52	2.8	Middle	1.4	29.1	8.3	23.14	141.9	9.59	9.6	1.26	1.2	1.4	1.5
	Cloudy	Moderate	15:50	15:52	2.8	Middle	1.4	29.1	8.3	23.13	141.1	9.54		1.22		1.6	
27/5/2025	Cloudy	Moderate	05:41	05:43	2.6	Middle	1.3	26.3	8.0	27.42	97.4	6.74	6.7	1.33	1.4	<1.0	1.0
	Cloudy	Moderate	05:41	05:43	2.6	Middle	1.3	26.3	8.0	27.42	97.4	6.74		1.39		<1.0	
29/5/2025	Fine	Moderate	06:19	06:22	2.0	Middle	1.0	26.1	7.9	28.15	80.6	5.57	<u>5.6</u>	1.12	1.1	3.3	3.1
	Fine	Moderate	06:19	06:22	2.0	Middle	1.0	26.1	7.9	28.15	80.6	5.57		1.15		2.8	

Note:

1. Text with a red underline indicates exceedance.

Appendix 3.4

Final Investigation Report- Water Quality exceedance on May 2025

Notification of Exceedance

Contract:	CM 04/2024 - Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)							
Date:	29 May 2025			NOE Reference:		20250529-WQ		
Parameter:	Water Quality – Dissolved Oxygen							
		Depth Average		Criteria (Action Level /Limit Level)		Exceedance		
Station:	SR 4 – Ebb Tide	5.7 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 4 – Flood Tide	5.3 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 5 – Ebb Tide	5.6 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 5 – Flood Tide	5.8 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 6 – Flood Tide	5.8 mg/L		Action Level: 5.8 Limit Level: 4.0		Action		
	SR 9 – Ebb Tide	5.8 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 9 – Flood Tide	5.8 mg/L		Action Level: 5.9 Limit Level: 2.0		Action		
	SR 15 – Flood Tide	5.6 mg/L		Action Level: 5.8 Limit Level: 4.0		Action		
Station:	SR 4 – Ebb Tide	SR 4 – Flood Tide	SR 5 – Ebb Tide	SR 5 – Flood Tide	SR 6 – Flood Tide	SR - 9 – Ebb Tide	SR 9 – Flood Tide	SR 15 – Flood Tide
Weather:	Cloudy	Fine	Cloudy	Fine	Fine	Cloudy	Fine	Fine
Sea Condition:	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate
Sampling Time:	14:02	6:26	13:21	6:35	6:52	12:59	7:09	6:19
Water Temperature:	26.6 °C	26°C	26.1°C	26.2°C	26.4°C	26.1°C	26.1°C	26.1°C
Other Observation:	No abnormal observation during water quality monitoring.							

Investigation Report

Recent Marine Works Near Monitoring Stations

Monitoring station SR9 is not located near the marine works area, construction activities at “Pui O Beach Outfall” would not have direct effect on the water quality at the monitoring station.

No marine works were conducted on 29 May 2025.

Potential of cause of exceedance:

No marine works were conducted on 29 May 2025, the sampling team did not observe any abnormal during water quality monitoring. A site investigation was conducted on 30 May 2025, abnormalities in seawater were observed, which is suspected to be an algae bloom. It is considered that the exceedance of Dissolved Oxygen would be due to natural fluctuation, and is not project related.

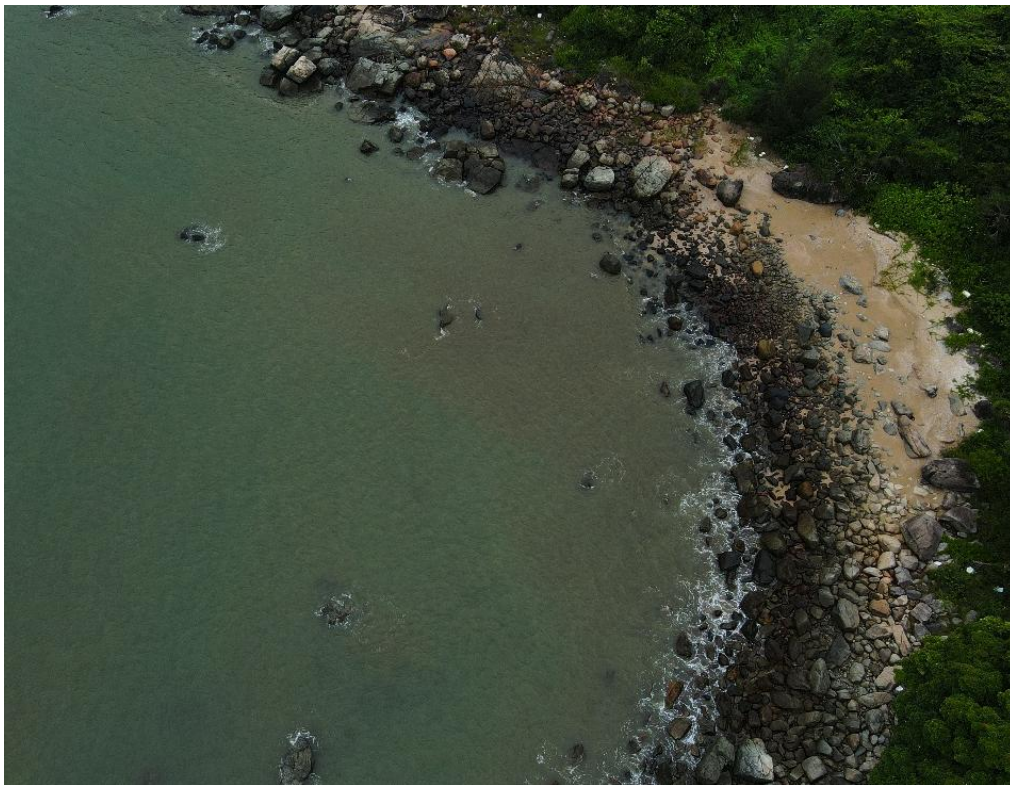
As such, extension of water quality monitoring beyond May 2025 is not considered necessary, and the water quality program is completed on 29 May 2025.

Photo Records

The sea condition at CF on 29 May 2025.



SUA Inspect at SR4 on 30 May 2025. An abnormal situation was detected, which is suspected to be an algae bloom.





Appendix 3.5

Waste Material in the Reporting Period



Drainage Services Department

Contract No. DC/2020/02

Construction of San Shek Wan Sewage Treatment Works,
Associated Submarine Outfall and Pui O Sewerage Works

Summary Waste Flow Table for February 2025 to January 2026

Month	Actual Quantities of Inert C&D Material Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated (a) (in '000m3)	Hard Rocks and Large Broken Concrete (b) (in '000m3)	Reused in the Contract (c) (in '000m3)	Reused in other Projects (d) (in '000m3)	Disposed as Public Fill (a-b-c- d) (in '000m3)	Imported Fill (in '000m3)	Metals (in '000kg)	Paper/cardbo ard packaging (in '000kg)	Plastics [see Note 3] (in '000kg)	Chemical waste (in '000kg)	Others. e.g. general refuse (in '000kg)
Feb-25	1.37	0.00	0.00	0.00	1.37	0.00	0.0017	0.0593	0.0022	0.00	16.51
Mar-25	0.68	0.00	0.00	0.00	0.68	0.00	0.0000	0.0000	0.0000	0.00	10.86
Apr-25	0.39	0.00	0.00	0.00	0.39	0.00	0.0069	0.0528	0.0002	0.00	25.38
May-25	0.07	0.00	0.00	0.00	0.07	0.00	20.88	0	0	0.00	29.07
Jun-25	0.06	0.00	0.00	0.00	0.06	0.00	26.0432	0.0943	0.0029	0.00	26.09
Jul-25	0.3	0.00	0.00	0.00	0.30	0.00	20.3321	0.075	0.002	0.00	42.91
Aug-25	0.34	0.00	0.00	0.00	0.34	0.00	13.0244	0.095	0.0044	0.00	76.22
Sept-25	0.23	0.00	0.00	0.00	0.23	0.00	5.5200	0.0000	0.0000	0.00	55.6
Oct-25	0.49	0.00	0.00	0.00	0.14	0.35	12.4027	0.0754	0.0027	0.00	54.69
Nov-25	1.1	0.00	0.00	0.00	0.06	1.03	0.0037	0.053	0.0051	0.00	70.95
Dec-25	0.27	0.00	0.00	0.00	0.14	0.13	10.5817	0.0365	0.0019	0.00	84.88
Jan-25	0.57	0.00	0.00	0.00	0.57	0.00	9.3827	0.0595	0.0026	0.00	114.33
Total	5.87	0	0	0	4.35	1.51	118.1791	0.6008	0.024	0	607.49

- Notes:
- (1) The inert C&D material except slurry and bentonite are disposed at Mui Wo Temporary Public Fill Bank (MW-PFRF) or Tuen Mun Area 38 Fill Bank (TM38-FB)
 - (2) The slurry and bentonite are disposed at Tseung Kwan O Area 137 Fill Bank (TKO137FB)
 - (3) The non-inert waste is disposed at NENT or Outlying Islands Transfer Facilities
 - (4) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
 - (5) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
 - (6) Assume the density of fill material is 2 tonne/m3.

Appendix 3.6

Final Investigation Report- Oil sheen complaint on 16 September 2025

Investigation Report

Contract: DC2020 - Outlying Islands Sewerage Stage 2 – South Lantau Sewerage Works – Environmental Team Services (2025 - 2027)

ET Log Reference: 007

Date Received: 16 September 2025

Source of Complaint: Environmental Protection Department

Location: Pui O Wetland

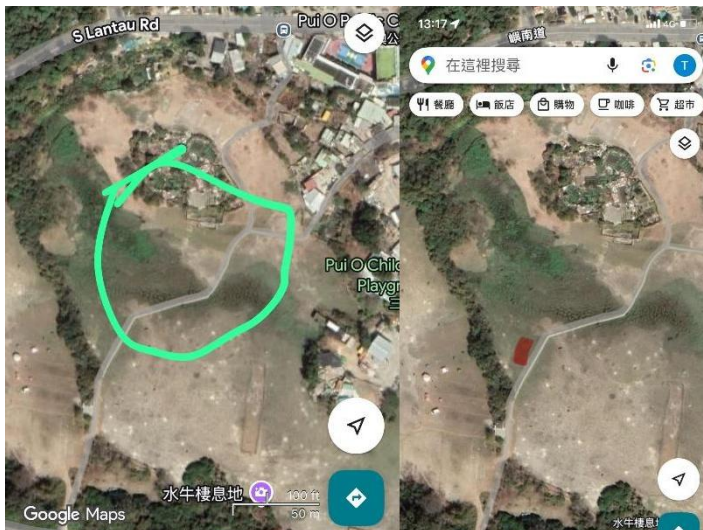
Details of Complaint:

The complaint was submitted to the Environmental Protection Department (EPD) on 16 September 2025. The complaint was then referred to the Environmental Team (ET), Independent Environmental Checker (IEC), Drainage Services Department (DSD), and the Contractor on 16 September 2025. Engineer's Representative (ER) was informed on 17 September 2025. The complainants alleged that there was oil sheen found at the wetland in Pui O, leading to withering of plants.

Content of the complaint: 貝澳濕地油污問題

昨天收到貝澳居民投訴，指貝澳濕地（位置見圖）發現有電油，電油佈滿部份濕地的水及泥土中，導致部份浮簕及浮萍枯死。源頭不明。

今日中午時到過上址，發現在附地圖紅圈位置濕地上的植物有枯萎情況，有村民表示今早仍見有油跡由西北方往東南流動。中午時，雖未見明顯油跡，但有強烈的氣油味從嶼南路方向飄來。再到嶼南路尋持氣油味的來源，似乎在羅屋村往東涌方向巴士站旁的垃圾站小徑中途發出，亦不排除與工程地盤有關。



On 25 September 2025, additional information from EPD was received that oil signs spotted in the Pui O. Location map and relevant photos, are given as follows.



Location of oil signs



Actions taken:

- 16 September 2025: Discussion between ET, Contractor, IEC, DSD and ER
- 17 September 2025: An unannounced inspection was conducted by ET
- 17 September 2025: ET requested the Contractor to provide information on chemical storage and usage; the Contractor provided the Information, including details of chemical storage and usage on the same day
- 18 September 2025: ET and Contractor conducted a joint site investigation.
- 25 September 2025: ET, EPD, and Contractor conducted a joint site investigation. The site investigation location specified by EPD.
- 25 September 2025: ET, and Contractor conducted a subsequent site inspection.
- 3 October 2025: ET requested information on ongoing and immediately past construction activities carried by the Contractor, chemical waste disposal record, and the condition at site boundaries and the on-site facilities (i.e. PME).

Investigation Findings:

In accordance with the contractor's report, the following activities were carried out in September 2025:

- Excavation, sewer laying, construction of manhole at Pui O Lo Uk Tsuen, South Lantau Road, Chi Ma Wan Road;
- Trenchless drilling works (Chi Ma Wan Road);

- Excavation and Excavation and Lateral Support (“ELS”) work at Pui O Sewage Pumping Station (“POSPS”);
- Superstructure Reinforced Concrete (“RC”) works at San Shek Wan Sewerage Treatment Works (“SSWSTW”);
- Waterproofing Work at SSWSTW;
- Excavation and Site formation at SSWSTW; and
- Electrical and Mechanical (“E&M”) Installation at POSPS

Site inspection record was checked. Oil drums stored on site were found to be properly stored on drip trays, and no leakage was observed. The photo of the oil drums is given in **Figure 1** in Photo Records. Active site locations are given in **Figure 2** in Photo Records.

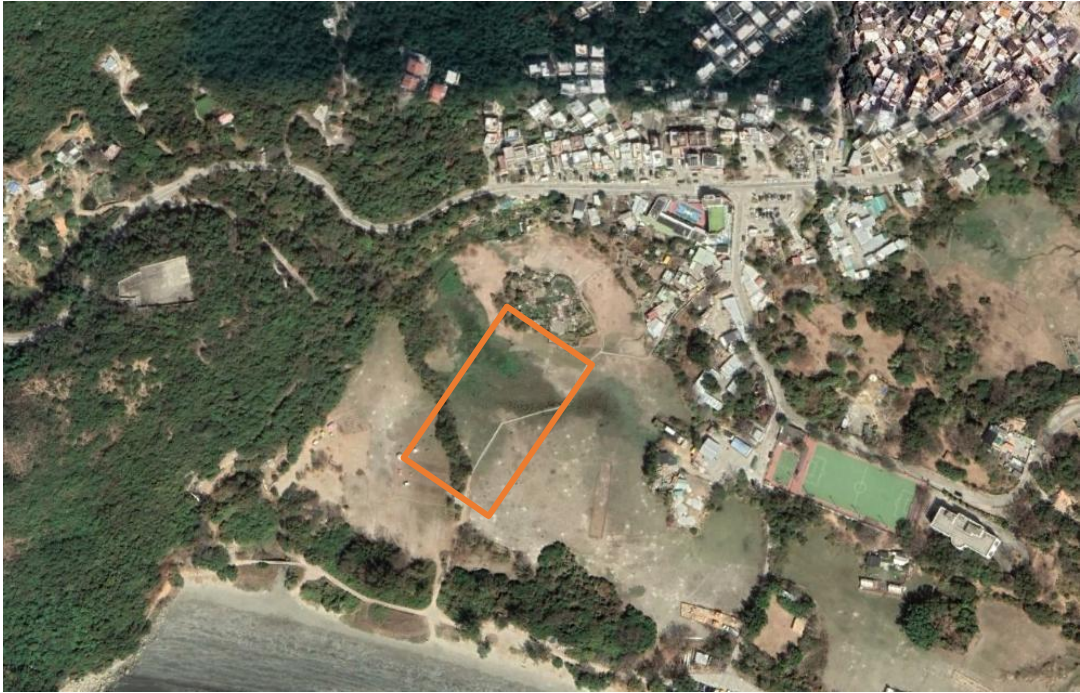
On 17 September 2025, an unannounced Inspection was conducted by ET. The inspected locations are given in **Figure 3** in Photo Records. NAPL stains were identified at the wetlands of Pui O. The location of the contamination is shown in **Figure 4** in Photo Records. The Oil stains was observed in the stream (**Figure 5**). The oil sheen was not identified within proximity of our Project Sites.

On 18 September 2025, site inspection was conducted by ET and the Contractor on the status of chemical and fuel storage on site. No chemical storage near polluted location was identified (**Figure 6**). In addition, the diesel drum stored on site are in good condition and protected by drip trays. No leakage or spillage was observed (**Figure 7 to 8**).

On 25 September 2025, joint site inspection was conducted by ET, EPD, and the Contractor to inspect the location where oil signs were reported by EPD and No oil sheen was found at the location where oil signs were identified as reported by EPD (**Figure 9 to 11**). The joint inspection location was designated by EPD in **Figure 12** in Photo Records. A patch of oil stain was identified during the inspection, and the location is given in **Figure 13** in Photo Records. The location of identified oil stains was not within proximity of the project sites. No source of oil leakage was identified.

Photo Records

Date	Status / Observation
15 September 2025	 Figure 1: Proper storage of diesel drum on 15 September 2025 (before the complaint)

Date	Status / Observation
--	 Reported location of oil sheen LEGEND:  Major Project Location  Sewer Laying Site Figure 2: Active Site Location
17 September 2025	ET conducted an unannounced inspection on 17 September 2025. Oil stains were identified.  Figure 3: Inspected locations

Date	Status / Observation
17 September 2025	 LEGEND: Pollution area Water Flow Direction Figure 4: The location of the pollution found
17 September 2025	 Figure 5: Photo on Pollution found in Pui O Wetland

Date	Status / Observation
18 September 2025	 Reported location of oil sheen Location of oil drum storage in Pui O Figure 6: The storage location of the oil drums
18 September 2025	Diesel fuel drums were stored in a proper manner, and no signs of leakage were detected in the generator set.  Figure 7: Proper storage of diesel drum on 18 September 2025

Date	Status / Observation
18 September 2025	 Figure 8: Proper storage of diesel drum on 18 September 2025
25 September 2025	On 25 September 2025, a joint inspection was conducted by ET, EPD and Contractor to inspect the location where oil signs were reported by EPD. No source of oil leakage was identified at San Shek Wan Sewerage Treatment Works.  Figure 9: Photos of the joint site investigation conducted by ET, EPD, and the Contractor

Date	Status / Observation
25 September 2025	The joint inspection location was designated by EPD.  Figure 10: Inspected locations
25 September 2025	No oil sheen was found at the location where oil signs were identified as reported by EPD. Its location does not fall within the project site area.  Figure 11: The location of oil sheen reported by EPD

Date	Status / Observation
25 September 2025	Oil signs were identified during the site inspection.  Figure 12: The location of the pollution was found
25 September 2025	 Figure 13: Pollution found in Pui O Wetland on 25 September 2025

CONCLUSION

A complaint concerning an oil sheen was observed in the Pui O wetland, leading to plant withering. It was received on 16 September 2025 by the Environmental Protection Department (EPD). The complaint was then forwarded to the Environmental Team (ET), Independent Environmental Checker (IEC), and Drainage Services Department (DSD) on the same day. Engineer's Representative (ER) was informed on 17 September 2025.

Subsequent inspections confirmed that the diesel drum stored within the Project Sites were properly stored (no irregular placement, or non-compliance issues), no leakage or spillage was observed.

After an unannounced inspection conducted by ET on 17 September 2025, joint site investigation conducted by ET and the Contractor on 18 September 2025, and a joint site investigation conducted by ET, EPD, and the Contractor on 25 September 2025, and the subsequent site inspection was conducted by ET, and the Contractor on the same day, the location where oil signs were detected is far from the Project Sites. Also, the diesel drums are properly stored on site with a drip tray, and no leakage was observed during site inspections before the complaint was received. Finally, no oil signs within the project sites were found during the site inspections conducted throughout the period of complaint investigation.

Therefore, it was considered that the incident is not related to the Project.

RECOMMENDATIONS

Though the Contractor has properly stored the chemicals, Contractor is nonetheless reminded to carryout proactive measures to prevent the occurrence of similar situations.

The following measures should be implemented/maintained to prevent environmental impacts on the project and surrounding areas, and to respond to similar complaints promptly:

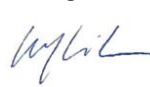
1. Checking of diesel drums storage conditions during the Contractor's daily site inspections to ensure no leakage observed, and are protected by a drip tray.
2. Regular inspection of fuel lines, seals, and connections for signs of wear or leakage and maintaining a spill containment system (e.g., drip trays or bunds) around the genset to contain any potential fuel leaks.
3. Staff training on chemicals storage, and procedure to response to spillage.
4. Should any chemical spillage occur, promptly report to DSD, ER, ET, and IEC on the incidents, and propose proper response actions.

ET Leader Signature :



Date : 16/10/2025

IEC Signature :



Date : 17/10/2025

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Appendix 4.1

Implementation Schedule of Recommended Mitigation Measures

Annex A Implementation Schedule of Recommended Mitigation Measures

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
1. Water Quality							
S 4.9.1	Drilling fluid required for the HDD works shall not be discharged to the sea, and the drill cutting produced shall be separated in the shaker system and divided into coarse and fine particles for on-site reuse, if suitable, or off-site disposal.	Horizontal Directional Drilling during construction	Contractor(s)		✓		N/A
S 4.9.1	Silt curtains shall be installed around the pilot hole exit area to prevent the suspension of sediment.	Horizontal Directional Drilling during construction	Contractor(s)		✓		N/A
S 4.9.1	Silt curtains shall be deployed during dredging to reduce the elevation of suspended solids to nearby sensitive receivers.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Closed grab dredgers should be used to reduce the potential for leakage of sediments.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Dredged marine sediment will be disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the <i>Dumping at Sea Ordinance</i> (DASO).	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Barges will be filled to a level, which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area.	Marine Dredging/ During construction	Contractor(s)		✓		N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S 4.9.1	The contractor(s) will confirm that the works cause no visible foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the dredging site.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	If installed, degassing systems will be used to avoid irregular cavitation within the pump.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Monitoring and automation systems will be used to improve the crew's information regarding the various dredging parameters to improve dredging accuracy and efficiency.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Control and monitoring systems will be used to alert the crew to leaks or any other potential risks.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	When the dredged material has been unloaded at the disposal areas, any material that has accumulated on the deck or other exposed parts of the vessel will be removed and placed in the hold or a hopper. Under no circumstances will decks be washed clean in a way that permits material to be released overboard.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Dredger will maintain adequate clearance between vessels and the seabed at all states of the tide and reduce operations speed to ensure that excessive turbidity is not generated by turbulence from vessel movement or propeller wash.	Marine Dredging/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94.	Land site & drainage/ During construction	Contractor(s)		✓		P
S 4.9.1	All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms.	Land site & drainage/ During construction	Contractor(s)		✓		P

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S 4.9.1	Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		✓		✓
S 4.9.1	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Appropriate surface drainage will be designed and provided where necessary.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarised in <i>Appendix A2 of ProPECC PN 1/94</i> .	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site/ During construction	Contractor(s)		✓		N/A
S 4.9.1	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site/ During construction	Contractor(s)	✓	✓		✓
S 4.9.1	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Debris and refuse generated on-site will be collected, handled and disposed of properly to avoid entering the nearby WSRs.	All facilities/ During construction	Contractor(s)		✓		✓
S 4.9.1	Stockpiles of cement and other construction materials will be kept covered when not being used.	Land site/ During construction	Contractor(s)		✓		✓
S 4.9.1	Oil leakage or spillage will be contained and clean up immediately. Waste oil will be collected and stored for recycling or disposal, in accordance with the <i>Waste Disposal Ordinance</i> .	All facilities/ During construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S4.9.2	Operation of the San Shek Wan STW shall be routinely checked to ensure that the discharge standards of treated effluent are maintained and in compliance with the relevant <i>TM-ICW</i> under the <i>WPCO</i> .	During operation	DSD	✓		✓	N/A
S4.9.2	Standby units, emergency storage units and dual power supply will be provided in the sewage pumping stations and STW to reduce the potential of unplanned events and emergency discharge of untreated sewage.	During operation	DSD	✓		✓	N/A
S4.9.2	For the monitoring of all unmanned sewage pumping stations / manned sewage treatment works, a remote control and monitor system connecting the sewerage plants with the DSD's designated facilities through SCADA system is required.	During operation	DSD	✓		✓	N/A
S4.9.2 and S5.8	An Emergency Response Plan shall be prepared and implemented in the event of emergency discharge of untreated sewage. Relevant government departments including EPD, LCSD and DSD shall be informed by the STW operator as soon as possible of any emergency discharge of untreated sewage. Appropriate actions, e.g. closing of bathing beaches or other water sports activities, shall be outlined in the Emergency Response Plan.	During operation	DSD			✓	N/A
S4.12.1	Regular site inspections will be carried out in order to confirm that regulatory requirements are being met and that contractors are implementing the standard site practice and mitigation measures as proposed to reduce potential impacts to water quality.	During construction	Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		✓
S4.12.1	A water quality monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/ During marine construction period	ET		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S4.12.2	A water quality monitoring programme is recommended during the initial period upon the full commissioning of the STW to monitor changes in marine water quality and to confirm that there is no deterioration in water quality due to the STW discharge.	During operation	ET/ DSD			✓	N/A
2. Ecology							
S5.8	Erect fences along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent areas.	All area/ During construction	Contractor(s)		✓		✓
S5.8	Regularly check the work site boundaries to ensure that they are not breached and that damage does not occur to surrounding areas.	All area/ During construction	Contractor(s)/ ET		✓		✓
S5.8	Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal.	All area/ During construction	Contractor(s)		✓		✓
S5.8; Annex 5B – Table A2	Reinstate temporarily affected areas, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting. The tree/shrub species will be chosen with reference to those in the surrounding area.	All area/ During construction	Contractor(s)		✓		✓
S5.8	A closed grab dredger will be used to dredge down about - 11mPD which is approximately 6m below the current seabed and there will be no excessive dredging.	Marine works area/ During construction	Contractor(s)		✓		N/A
S5.8	Permanent building structures, works and storage areas should be avoided in the habitat of moderate or high ecological value, as well as the proximity of species of conservation interest (e.g. <i>Aquilaria sinensis</i>).	All area/ During construction	Contractor(s)	✓	✓		✓
S5.8	An Emergency Response Plan shall be prepared and implemented to cope with emergency discharge of untreated sewage.	All area/ During operation	DSD			✓	✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S5.8	Woodland compensation to mitigate for the loss of mixed woodland due to the the construction of the San Shek Wan STW, San Shek Wan SPS (Proposed and Alternative Sites) and their associated roads is recommended to fully compensate the loss of mixed woodland. Establishment and after-establishment caring measures of the compensatory mixed woodland are proposed for this Project. Details for the woodland compensation, including planting species, will be developed in a woodland compensation proposal as part of the EM&A programme.	Land site/ During detailed design stage, construction and operation	DSD/ Contractor(s)/ ET	✓	✓	✓	✓
S5.8	Species proposed for planting are pioneer native tree and shrub species often present in natural woodlands in the Study Area.	Land site/ During detailed design stage, construction and operation	DSD/ Contractor(s)/ ET	✓	✓	✓	✓
S5.8	For the affected individuals of <i>Aquilaria sinensis</i> at San Shek Wan SPS Alternative Site and STW, transplantation plan will be developed, including an EM&A programme for monitoring the transplantation of the tree individuals.	All area/ During construction	Contractor(s)		✓		✓
3. Air Quality							
S7.7.1	Dust control measures stipulated in the <i>Air Pollution Control (Construction Dust) Regulation</i> will be implemented during the construction of the Project to control potential fugitive dust emissions.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Regular water spraying on exposed area.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		✓
S7.7.1	Vehicle wheel-washing and body washing facilities shall be provided at the site entrance.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Shielding or covering with impervious sheet of stockpiled materials or exposed area when it is not use to reduce dust nuisance.	Land site/ During Construction	Contractor(s)		✓		✓
S7.7.1	Site practices such as regular maintenance and checking of the diesel-driven PME will be adopted to avoid any black smoke emissions and to reduce gaseous emissions.	Land site/ During Construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S7.7.1	To minimize odour problem, the sludge tankers for disposal of sludge shall be fully enclosed.	During operation	Contractor(s)			✓	N/A
S7.7.2	Deodorization units comprising of chemical scrubbers (for STW only) and activated carbon absorbers (for SPS and STW) will be installed in order to reduce 99.5% of odour in the exhaust.	During operation	Contractor(s)	✓		✓	N/A
S7.7.2	Ventilation system will be provided to ensure adequate air change within the plant.	During operation	Contractor(s)	✓		✓	N/A
S7.9.1	Regular site inspections will be carried out in order to confirm that the mitigation and control measures are properly implemented and are working effectively to ensure proper construction dust, gaseous emissions and odour control.	Land site/ During construction	ET/ IEC		✓		✓
S7.9.2	A commissioning test will be performed for the operation phase to ascertain the effectiveness of the odour control measures at the San Shek Wan STW and the proposed sewage pumping stations. Exhaust air flow rate, temperature of exhaust, odour concentrations at the outlet of the deodorizing unit should be monitored during the commissioning test.	During operation	DSD			✓	N/A
S7.9.2	Daily monitoring of odour emission at the exhaust at STW and SPSs shall be conducted in the first three months of the first year of the operation.	During operation	DSD			✓	N/A
S7.9.2	In order to ensure the performance of odour control measures particularly the activated carbon absorber and to facilitate maintenance during operation, two sets of odour removal system (1 for normal operation and 1 for standby) will be installed at the STW and sewage pumping stations such that during maintenance, the exhaust air of the STW and sewage pumping stations will be diverted to the standby odour removal unit and the odour removal efficiency will be maintained to be as similar as that during normal operation.	During operation	DSD			✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
4. Noise							
S8.8.1	Good construction site practice shall be maintained.	All area/ During construction	Contractor(s)		✓		✓
S8.8.1	Quiet Powered Mechanical Equipment (PME) shall be used.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Movable noise barriers shall be adopted.	Noise control/ During construction	Contractor(s)		✓		P
S8.8.1	Noise insulation sheet shall be used for PME.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Scheduling of PME/construction activities: some construction activities will be operated in sequence rather than simultaneously within the respective works areas	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction phase.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Silencers or mufflers on construction equipment will be utilised and will be properly maintained during the construction phase.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Mobile plant, if any, shall be sited as far away from Noise Sensitive Receivers (NSRs) as possible.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Plant known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.1	Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities.	Noise control/ During construction	Contractor(s)		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S8.8.1	Manual working will be required to replace operation of large PME's such as excavators, lorries and concrete lorry mixers when construction of village sewers carried out in narrow village alleys.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Quieter equipment shall be chosen and noise levels specification shall be included when ordering new plant items.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓	✓	✓
S8.8.2	Locate fixed plant items or noise emission points away from the NSRs as far as practicable.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Locate noisy machines in completely enclosed plant rooms or buildings with suitable and practicable noise remedies.	Noise control/ During construction	Contractor(s)		✓		✓
S8.8.2	Develop and implement a regularly scheduled plant maintenance programme so that plant items are properly operated and serviced. The programme should be implemented by properly trained personnel.	Noise control/ During construction	Contractor(s)		✓		✓
S8.11.1	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	ET/ IEC		✓		✓
S8.11.2	An operational noise monitoring programme for the operation of San Shek Wan STW and SPS is recommended during the testing and commissioning stage to ensure that compliance with the noise limits specified in this report are achieved.	All facilities/ During operation	DSD			✓	N/A
5. Waste Management							
S9.5.1	Nomination of approved personnel to be responsible for standard site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.1	Training of site personnel in proper waste management and chemical handling procedures. Training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling at the beginning of the construction works.	Contract mobilisation/ During construction	Contractors		✓		P

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.1	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractors		✓	✓	✓
S9.5.1	Appropriate measures to reduce windblown litter and dust transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	All area/ During construction	Contractors		✓		✓
S9.5.1	Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi.	All area/ During construction	Contractors		✓		P
S9.5.1	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractors		✓		P
S9.5.1	A recording system for the amount of wastes generated/ recycled and disposal sites.	Land site/ During construction	Contractors		✓		✓
S9.5.2	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.	Land site/ During construction/ During operation	Contractors		✓		P
S9.5.2	Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	Contractors		✓		✓
S9.5.2	Any unused chemicals and those with remaining functional capacity will be recycled as far as possible.	Land site/ During construction	Contractors		✓		P
S9.5.2	Use of reusable non-timber formwork to reduce the amount of C&D materials.	All areas/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.2	Prior to disposal of construction waste, wood, steel and other metals will be separated to the extent practical, for re-use and/or recycling to reduce the quantity of waste to be disposed of to landfill.	All areas/ During construction	Contractors		✓		✓
S9.5.2	Proper storage and site practices to reduce the potential for damage or contamination of construction materials.	All areas/ During construction	Contractors		✓		P
S9.5.2	Plan and stock construction materials carefully to reduce amount of waste generated and avoid unnecessary generation of waste.	All areas/ During construction	Contractors		✓		✓
S9.5.3	A Sediment Quality Report (SQR) for sampling and chemical testing of the sediment will be prepared and submitted to the EPD for approval. The approved detailed sampling and chemical testing will be carried out prior to the commencement of the dredging activities to confirm the sediment disposal method.	Marine works/ During construction	Contractors		✓		✓
S9.5.3	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.3	A trip-ticket system will be established in accordance with DEVB TC(W) No. 6/2010 to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ During construction	Contractors		✓		✓
S9.5.3	The project proponent will also conduct regular inspection of the waste management measures implemented on site as described in the Waste Management Plan	All area/ During construction	ET/ IEC/ DSD		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	A recording system (similar to summary table as shown in Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005) for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established during the construction phase.	All area/ During construction	Contractors		✓		✓
S9.5.3	Inert C&D materials (public fill) will be reused within the Project as far as practicable.	All area/ During construction	Contractors		✓		✓
S9.5.3	Public fill and construction waste shall be segregated and stored in different containers or skips to facilitate reuse or recycling of materials and their proper disposal.	All area/ During construction	Contractors		✓		✓
S9.5.3	Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	All area/ During construction	Contractors		✓		✓
S9.5.3	To reduce the potential dust and water quality impacts of site formation works, C&D materials will be wetted as quickly as possible to the extent practice after filling.	All area/ During construction	Contractors		✓		✓
S9.5.3	Open stockpiles of excavated/ fill materials or construction wastes on-site should be covered with tarpaulin or similar fabric.	Land site/ During Construction, particularly dry season	Contractors		✓		✓
S9.5.3	Chemical waste container shall be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed;	All area/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Chemical waste container shall have a capacity of less than 450 L unless the specifications have been approved by the EPD.	All area/ During construction	Contractors		✓		✓
S9.5.3	A label in English and Chinese shall be displayed on the chemical container in accordance with instructions prescribed in Schedule 2 of the Regulations.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be clearly labelled and used solely for the storage of chemical waste.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be enclosed on at least 3 sides;	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	All area/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary).	All area/ During construction	Contractors		✓		✓
S9.5.3	Storage areas for chemical waste shall be arranged so that incompatible materials are appropriately separated.	All area/ During construction	Contractors		✓		✓
S9.5.3	Chemical waste will be disposed of via a licensed waste collector; and to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers.	During Construction/ During Operation	Contractors		✓	✓	✓
S9.5.3	General refuse will be stored in enclosed bins or compaction units separately from construction and chemical wastes.	All area/ During construction	Contractors		✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S9.5.3	Adequate number of waste containers will be provided to avoid over-spillage of waste.	All area/ During construction	Contractors		✓		✓
S9.5.3	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimise odour, pest and litter impacts.	All area/ During construction	Contractors		✓		✓
S9.5.3	The burning of refuse on construction sites is prohibited by law.	All area/ During construction	Contractors		✓		N/A
S9.5.4	Sludge will be stored properly in covered containers within the STW.	During Operation	Contractors			✓	N/A
S9.5.4	Sludge containers should be flushed with water regularly.	During Operation	Contractors			✓	N/A
S9.5.4	Frequent sludge removal from storage containers is necessary to prevent the production of gases.	During Operation	Contractors			✓	N/A
S9.5.4	Screens should be cleaned regularly to remove any accumulated organic debris.	During Operation	Contractors			✓	N/A
S9.5.4	Grit and screening transfer systems should be flushed regularly with water to remove organic debris and grit.	During Operation	Contractors			✓	N/A
S9.5.4	Screenings and grits shall be transferred and stored in closed containers.	During Operation	Contractors			✓	N/A
S9.5.4 & S9.7.1	To facilitate monitoring and control over the contractors' performance on waste management, a waste inspection and audit programme will be implemented throughout the construction phase.	All facilities/ During construction	ET/ IEC		✓		✓
6. Landscape & Visual							
S10.6.8 & S10.7.7	Detailed design of development components should reduce landscape footprint and visibility of structures and blend with the existing environment as far as possible. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Temporary structures and construction works should be planned with care to minimise disturbance to trees/ vegetation, topography and existing built structures. The footprint of the proposed facilities shall be compressed to a practical minimum taking into account functional, operational and maintenance needs so as to cause minimum land conversion impact. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	✓
S10.6.8	Where technically feasible design should aim to reduce the visibility of the proposed above ground structures. This will include massing and building height considerations. In addition the form, textures, finishes and colours of the proposed structures should be as compatible with the existing surroundings as possible,. Light earthy tone colours such as shades of green, shades of grey, shades of brown and off-white may be utilised where technically feasible to reduce the visibility of the new development components, including all SPSs and the STW. To further improve visual amenity, natural building materials such as stone and timber, should be preferably adopted for architectural features, where technically feasible. To date, a variety of materials are proposed for façade treatment to create a layering effect that breaks down the massing of structures. Translucent materials and louvers shall be used to enhance the permeability of the buildings. (MM1)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Vertical Greening and Green Roof – Provide vertical greening to soften hard surfaces, and roof greening to enhance landscape and visual quality. (MM2)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Tree Protection and Preservation – Trees/ woodland within the Project Site will be protected and preserved as far as possible in accordance with DEVB TC(W) No. 7/2015. (MM3)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		✓

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Tree Transplantation – Should removal of trees be unavoidable due to construction impacts, trees will be transplanted or felled according to Clause 3.97 of the General Specification of Civil Engineering Works – Section 3 Landscape Softworks and Establishment Works. Transplantation must be carried out prior to site formation works and be treated with establishment works immediately after transplanting, for a period of no less than 12 months. (MM4)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		✓
S10.6.8	Compensatory Tree Planting - Where loss of existing trees is unavoidable, compensatory planting of trees should be provided in accordance with DEVB TC(W) No. 7/2015 to compensate for those trees felled. Complete compensatory planting at least 3-6 months before construction completion, followed by 12 months establishment period after construction completion. (MM5)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	The selection of planting species shall be made with reference to the species identified in the Tree Survey and preferably be native to Hong Kong or the South China region. As stated in DEVB TC(W) No. 7/2015, as far as possible, implementation of compensatory planting should be of a ratio not less than 1:1 in terms of quality and quantity within the site, i.e. the total numbers and the aggregated girth size of compensatory trees within the site and off-site, should not be less than that of the tree(s) to be felled. In addition, the quality of compensatory trees should be at least of “heavy standard” and further details regarding soil specification and ground surface treatment of recipient locations of the compensatory tree will be provided in a Detailed Landscape Design and Planting Plan which should detail the location of compensatory planting. (MM5)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
S10.6.8	Buffer Planting – Tall screen/buffer trees and shrubs shall be planted to screen the proposed built structures. This measure may additionally form part of the compensatory planting (MM5) and will improve compatibility with the surrounding environment. (MM6)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S10.6.8	Topsoil reuse – Excavated topsoil should be stripped and stored for re-use in the construction of the soft landscape works of this Project or other projects. This is considered a general measure for good site practice. (MM7)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓		N/A
S10.6.8	Light Control – Control of night time lighting glare shall be implemented to minimize glare impact to adjacent VSRs during construction, and operation as necessary. (MM8)	All area/ Detailed design/ During construction/ During operation	DSD/ Contractor(s)	✓	✓	✓	N/A
7. Cultural Heritage							
S11.6.1 & 11.8.1	Refinement of the proposed alignment adjacent to historic landscape feature TF-HL-1 is recommended to avoid the direct impact.	Built heritage/ Detailed design	Contractor(s)	✓			N/A
S11.6.1 & 11.8.1	For the remaining built heritage potentially impacted, prior to commencement of the construction works, a baseline condition survey and baseline vibration impact assessment should be conducted by a qualified building surveyor and a qualified structural engineer to define the vibration limit and to evaluate if construction vibration monitoring and structural strengthening measures are required during construction phase to ensure the construction performance meets with the vibration and settlement monitoring criteria to be agreed with AMO. A maximum level of 5mm/s for Grade 1, 7.5 mm/s for Grade 2 and 3 Historic Building and 15mm/s for Nil Grade heritage structures should be adopted. For settlement limits, an Alert/ Alarm/ Action level of 6mm/ 8mm/ 10mm should be followed. Baseline condition survey and vibration impact assessment of Graded and Proposed Graded Building should be submitted to AMO for comment before commencement of construction works.	Built heritage/ Detailed design	Contractor(s)	✓			N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S11.6.1 & 11.8.1	During the construction period, no mechanical equipment, such as excavator, shall be operated within 20m from the identified built heritage and only handheld tools and handheld electric driven equipment shall be used. All construction tools, construction materials, excavated materials or any materials generated from the works under this project shall keep clear of the built heritage structures.	Built heritage/ During construction	Contractor(s)		✓		✓
S11.6.1 & 11.8.1	Safe public access, buffer zones and protective covering should be provided to the built heritage during and after the proposed works. If construction works will be conducted within 1m from the walls/structures, of the built heritage, proper protection measure such as fencing and cover-up of nylon/ plastic sheets for the walls/structures of the built heritage shall be carried out.	Built heritage/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A
S11.6.2 & 11.8.2	A Communication Plan to communicate event of discovery of antiquities or supposed antiquities to the Antiquities and Monuments Office (AMO) should be prepared by the contractor before the commencement of construction works. The plan shall be approved by the engineer, and circulated among relevant parties. A document presenting the plan should be posted in site office(s) for reference.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A
S11.6.2 & 11.8.2	All site staffs, including workers, who will be responsible for the excavation works within Sites of Archaeological Interest should be formally briefed with the Communication Plan and understands that they are working within Sites of Archaeological Interest.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓	✓	✓	N/A
S11.6.2 & 11.8.2	A Survey-cum-Rescue Excavation Proposal to define the scope of work shall be prepared and agree it with the AMO. Survey-cum-excavation shall be conducted before the commencement of the excavation work of the concerned sewer alignment by a qualified archaeologist. A Survey-cum-Rescue Excavation Report shall be prepared upon completion of the archaeological works.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓			N/A

EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Status
				D	C	O	
S11.6.2 & 11.8.2	A License to Excavate and Search for Antiquities shall be obtained from the Authority under the AM Ordinance (Cap. 53) by the qualified Archaeologist for the required fieldworks of the archaeological works.	All area/ Detailed design/ During construction/ During operation	Contractor(s)/ Qualified Archaeologist	✓			N/A
S11.6.2 & 11.8.2	If the project boundary changes in later stage of the Project to cover additional area not covered in the EIA, the need for further archaeological survey and subsequent impact assessment should be reviewed and AMO should be consulted.	All area/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A

Legend:

- ✓ Implemented
- P Partially Implemented
- N/A Not Applicable