North East New Territories (NENT) Landfill Extension

Monthly Environmental Monitoring and Audit Report (No. 40) – March 2026

2026-04-14

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Ref: P521530-0000-REP-NN-0127

By Email

14 April 2026

Meinhardt Infrastructure & Environment Ltd.
10/F Genesis
33-35 Wong Chuk Hand Road
Hong Kong

Attn: Ms. Claudine Lee,

Dear Claudine,

Re: Contract No. EP/SP/77/15
Northeast New Territories Landfill Extension
Submission of Monthly Environmental Monitoring and Audit Report (No.40) – March 2026 R1

In accordance with the requirement specified in Condition 3.3 of Environmental Permit No. EP-292/2007 and Further Environmental Permit No. FEP-02/292/2007, we are pleased to submit the certified "Monthly Environmental Monitoring and Audit Report (No.40) – March 2026 R1" dated 14 April 2026 for your verification.

Should you require any further information or clarification, please do not hesitate to contact the undersigned or our Mr. Keith Chau on 3664 6788.

Yours faithfully,
For and on behalf of
Aurecon Hong Kong Limited

Fredrick Leong
Environmental Team Leader

Encl.
1. Monthly Environmental Monitoring and Audit Report (No.40) – March 2026 R1

cc.
1. Veolia (Contractor) – Mr. Matt Choy (By email: matt.choy@veolia.com)

MEINHARDT
Consulting Engineers . Planners . Managers
工程顧問 . 策劃 . 統籌

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Our Ref.: CL/91823/3407-VES
Date: 15 April 2026

By Email

Veolia Hong Kong Holding Limited
40/F, One Taikoo Place
979 King's Road
Quarry Bay
Hong Kong

Attn.: Mr. Colin Mitchell

Dear Sir

Re: Contract No. EP/SP/77/15
North-East New Territories Landfill Extension (NENTX)
Monthly Environmental Monitoring and Audit Report (No.40) – March 2026

I refer to Condition 3.3 under Environmental Permit No. EP-292/2007 and Further Environmental Permit No. FEP-02/292/2007, regarding the submission of a monthly Environmental Monitoring and Audit report. I hereby verify the captioned "Monthly Environmental Monitoring and Audit Report (No.40) – March 2026" dated 14 April 2026.

Should you have any queries, please do not hesitate to contact the undersigned at 2859 5409.

Yours faithfully
MEINHARDT INFRASTRUCTURE AND ENVIRONMENT LTD



Claudine Lee
Independent Environmental Checker

Document Control Record

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Name	Keith Chau	Name	Fredrick Leong
Title	Associate Director, Environmental	Title	Environmental Team Leader

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Executive Summary

ES1. Aurecon Hong Kong Limited (Aurecon) was appointed to undertake the role of Environmental Team (ET) and carry out Environmental Monitoring and Audit for the North East New Territories (NENT) Landfill Extension.

ES2. The construction phase and EM&A programme of the Project commenced on 1 December 2022.

ES3. This 40th Monthly EM&A Report presents the EM&A works conducted from 1 to 31 March 2026 in accordance with the Updated EM&A Manual.

Summary of Construction Works undertaken during Report Period

ES4. The major construction works undertaken during the reporting period include:

ES Table1 Major Construction Works undertaken during the Reporting Period

-	Material loading and unloading, backfilling of material and site traffic at Portion A, SBA to alternative disposal ground
-	Construction of site buildings at Portion D
-	Site clearance at Portion A, B2/E1, E3-1 & E4
-	Installation of permanent fencing at Portion A, B1 & E4
-	Site formation at Portion A, B2/E1, E3-1 & E4
-	Tree felling at whole site
-	Shotcreting (Permanent and Temporary) at whole site
-	Soil nail installation at Portion A, B2/E1 & E4
-	Construction of RE wall at Portion E3-1
-	Leachate plant installation at Portion A
-	Linear installation at landfill area
-	LFG plant installation at Portion A

Environmental Monitoring and Audit Progress

ES5. A summary of the monitoring activities in this reporting period is listed below:

ES Table2 Summary of the Monitoring Activities during the Reporting Period

Items	Times	Date
- Air Quality Monitoring during normal weekdays at each monitoring station	6 times	2, 7, 13, 19, 25 & 31 Mar 2026
- Construction Noise Monitoring during normal weekdays at each monitoring station	5 times	2, 13, 19, 25 & 31 Mar 2026
- Surface Water Quality Monitoring during normal weekdays at each monitoring station	1 time	13 Mar 2026
- Landfill Gas Monitoring during normal weekdays for Construction Works	25 times	2, 4 to 7, 9 to 14, 16 to 21, 23 to 28, 30 to 31 Mar 2026
- Joint Environmental Site Inspection	5 times	2, 9, 16, 23 & 30 Mar 2026

Environmental Exceedance

Air Quality, Surface Water Quality & Landfill Gas Monitoring

ES6. No exceedance of the Action and Limit Levels were recorded at designated monitoring stations during the reporting period.

Noise Monitoring

ES7. No exceedance of the Action and Limit Levels were recorded at designated monitoring stations during the reporting period.

Environmental Non-Conformance/Summons and Prosecution

ES8. No non-compliance event and summons/prosecutions were recorded during the reporting period.

Environmental Complaint

ES9. No environmental complaint was recorded during the reporting period.

Reporting Change

ES10. There was no reporting change in the reporting period.

Future Key Issues

ES11. Works to be undertaken in the next month include:

ES Table3 Major Construction Works undertaken during the Next Reporting Period

-	Material loading and unloading, backfilling of material and site traffic at Portion A, SBA to alternative disposal ground
-	Construction of site buildings at Portion D
-	Site clearance at Portion A, B2/E1, E3-1 & E4
-	Installation of permanent fencing at Portion A, B1 & E4
-	Site formation at Portion A, B2/E1, E3-1 & E4
-	Tree felling at whole site
-	Shotcreting (Permanent and Temporary) at whole site
-	Soil nail installation at Portion A, B2/E1 & E4
-	Construction of RE wall at Portion E3-1
-	Leachate plant installation at Portion A
-	Linear installation at landfill area
-	LFG plant installation at Portion A

ES12. Potential environmental impacts arising from the above construction activities are mainly associated with air quality, construction noise, water quality, waste management, landfill gas monitoring, landscape and visual, cultural heritage and ecology.

1 Introduction

1.1 Background

1.1.1 The North East New Territories Landfill Extension (the NENTX Project) is located adjacent to the existing North East New Territories (NENT) Landfill at Ta Kwu Ling. The extension site is located in a valley covering mainly the existing NENT Landfill Stockpile and Borrow Area that was formed to the east of the existing landfill as part of the original site development of the landfill, and layout plan shown in **Figure 1**.

1.1.2 The NENTX is a designated project. The Environmental Impact Assessment (EIA) Report (AEIAR-111/2007) and an Environmental Monitoring and Audit Manual were approved on 20 September 2007. The project is governed by an Environmental Permit (EP) (EP-292/2007) which was granted on 26 November 2007. A further of EP (FEP) was applied and the FEP (FEP-01/292/2007) was subsequently granted on 28 April 2022. Another further of EP (FEP-02/292/2007) was subsequently granted on 23 August 2023. The Updated EM&A Manual was approved by Director of Environmental Protection (DEP) on 4 January 2024.

1.1.3 In accordance with the requirements specified in Section 2.7 to 2.11 and Section 12.3 of the Updated EM&A Manual and Condition 3.3 of EP and FEP, Monthly EM&A report should be submitted to DEP, within 2 weeks after the end of the reporting month. The submissions shall be certified by the Environmental Team (ET) Leader and verified by the Independent Environmental Checker (IEC).

1.1.4 The construction phase and EM&A programme of the Project commenced on 1 December 2022.

1.2 Nature, Scale and Scope of the captioned Designated Project

1.2.1 The Nature, Scale and Scope of the captioned Designated Project are presented in **Table 1-1**.

Table 1-1 Nature, Scale and Scope of the captioned Designated Project

Item(s)	Content
Nature of Designated Project	Construction and operation of a landfill for waste as defined in the "Waste Disposal Ordinance" (Cap. 354)
Scale and Scope of Designated Project	The Project mainly consists of the followings: - Construction and operation of a landfill extension of about 70 hectares with a target void space of at least 19 million cubic metres on the eastern side of the existing NENT Landfill, including the followings: - i. Site formation and preparation; ii. Installation of liner system; iii. Installation of leachate collection, treatment and disposal facilities; iv. Installation of gas collection, utilization and management facilities; v. Utilities provisions and drainage diversion; vi. Landfilling operation; vii. Restoration and aftercare in subsequent stages; and viii. Measures to mitigate environmental impacts as well as environmental monitoring and auditing to be implemented.

1.3 Purpose of this Report

1.3.1 This is the 40th Monthly EM&A Report which summarises the impact monitoring results and audit findings for the EM&A programme during the reporting period from 01 to 31 March 2026.

1.4 Structure of the Report

1.4.1 The structure of the report is as follows:

Section 1 – Introduction
- details the background, purpose and structure of the report.

Section 2 – Project Information
- summarises background and scope of the Project, site description, project organization and contact details, construction programme, the construction works undertaken and the status of Environmental Permit(s)/License(s) during the reporting period.

Section 3 – Air Quality Monitoring

- Construction Dust

Section 4 – Noise Monitoring

Section 5 – Water Quality Monitoring

- Groundwater Monitoring

- Surface Water Monitoring

Section 6 – Waste Management

Section 7 – Landfill Gas Monitoring

Section 8 – Landscape and Visual

Section 9 – Cultural Heritage

Section 10 – Ecological Monitoring

Section 11 – Site Inspection and Audit

Section 12 – Environmental Non-Conformance

Section 13 – Implementation Status on Environmental Mitigation Measures

Section 14 – Future Key Issues

Section 15 – Conclusion

2 Project Information

2.1 Construction Activities

2.1.1 Construction programme and a summary of the major construction activities undertaken in this reporting period is shown in **Appendix A**. The major construction works undertaken during the reporting period is presented in **Table 2-1**.

Table 2-1 Major Construction Works undertaken during the Reporting Period

-	Material loading and unloading, backfilling of material and site traffic at Portion A, SBA to alternative disposal ground
-	Construction of site buildings at Portion D
-	Site clearance at Portion A, B2/E1, E3-1 & E4
-	Installation of permanent fencing at Portion A, B1 & E4
-	Site formation at Portion A, B2/E1, E3-1 & E4
-	Tree felling at whole site
-	Shotcreting (Permanent and Temporary) at whole site
-	Soil nail installation at Portion A, B2/E1 & E4
-	Construction of RE wall at Portion E3-1
-	Leachate plant installation at Portion A
-	Linear installation at landfill area
-	LFG plant installation at Portion A

2.2 Project Organization & Management Structure

2.2.1 The Project Organization Chart & Management Structure are shown in **Appendix B**. The key personnel contact information is summarized in **Table 2-2**.

Table 2-2 Contact Information of Key Personnel

Party	Name	Contact Number
Contractor (Veolia Hong Kong Holding Ltd.)	Mr. Matt Choy	2902 5296
Independent Environmental Checker (IEC) (Meinhardt Infrastructure and Environment Ltd.)	Ms. Claudine Lee	2859 5409
Environmental Team Leader (ETL) (Aurecon Hong Kong Limited)	Mr. Fredrick Leong	3664 6888

2.3 Status of Submission required under the EP & FEP during reporting period

2.3.1 The status of statutory environmental compliance with the EP & FEP conditions under the EIAO, submission status under the EP & FEP during reporting period are presented in **Table 2-3**. The detail status of statutory environmental compliance with the EP & FEP conditions under the EIAO, submission status under the EP & FEP for NENTX project are shown in **Appendix C**.

Table 2-3 Status of Submissions required under the EP & FEP during Reporting Period

EP Condition	FEP Condition	Submission / Measures	Status
2.3	2.1	Management Organization of Main Construction Companies	Submitted
2.4	2.2	Setting up of Community Liaison Group (CLG)	Community Liaison Group was set up.
2.5	2.3	Submission of EM&A Manual	Submitted
2.6	2.4	Submission of Preservation of Cultural Landscape Features	Submitted
2.7	2.5	Submission of Vegetation Survey (Transplantation Proposal)	Submitted
2.8	2.6	Submission of Translocation Proposal	Submitted
2.9	2.7	Submission of Transplantation Report and Post-Transplantation Monitoring	Submitted
2.10	2.8	Submission of Translocation Report and Post-Translocation Monitoring	Submitted
2.11	2.9	Submission of Detailed Landfill Gas Hazard Assessment Report	Submitted
2.12	2.10	Submission of Waste Management Plan	Submitted
2.13	2.11	Submission of Landscape Plan	Submitted
3.2	3.2	Submission of Baseline Monitoring Report	Submitted
3.3	3.3	Submission of Monthly EM&A Report	Submitted

2.4 Status of Environmental Approval Document

2.4.1 A summary of the relevant valid permits, licences, and/or notifications on environmental protection for this Project since the granting of the EP & FEP is presented in **Table 2-4**.

Table 2-4 Summary of the Relevant Valid Permits, Licences, and/or Notifications on Environmental Protection

Permit / Licenses / Notification	Reference	Expiry Date	Remark
Environmental Permit (EP)	EP-292/2007	Throughout the Contract	Permit granted on 26 November 2007
Further Environmental Permit (FEP)	FEP-01/292/2007	Throughout the Contract	Permit granted on 28 April 2022
	FEP-02/292/2007	Throughout the Contract	Permit granted on 23 August 2023
Notification of Construction Works as required under Air Pollution Control (Construction Dust) Regulation	479809	Throughout the Construction Phase	Notified on 13 May 2022
Registration of Waste Producer under Waste Disposal Ordinance	7043692	Throughout the Contract	Registered on 13 April 2022
Construction Noise Permit	GW-RN-0148-26	5 May 2026	Permit granted on 30 January 2026
Registration as Chemical Waste Producer	5213-642-V2370-01	Throughout the Contract	Registered on 20 February 2025
Effluent Discharge License under Water Pollution Control Ordinance	WT00047198-2025	30 September 2030	Permit granted on 5 September 2025

2.5 Environmental Monitoring and Audit Progress

2.5.1 A summary of the monitoring activities in this reporting period is presented in **Table2-5**.

Table 2-5 Summary of the Monitoring Activities in this Reporting Period

Items	Times	Date
- Air Quality Monitoring during normal weekdays at each monitoring station	6 times	2, 7, 13, 19, 25 & 31 Mar 2026
- Construction Noise Monitoring during normal weekdays at each monitoring station	5 times	2, 13, 19, 25 & 31 Mar 2026
- Surface Water Quality Monitoring during normal weekdays at each monitoring station	1 time	13 Mar 2026
- Landfill Gas Monitoring during normal weekdays for Construction Works	25 times	2, 4 to 7, 9 to 14, 16 to 21, 23 to 28, 30 to 31 Mar 2026
- Joint Environmental Site Inspection	5 times	2, 9, 16, 23 & 30 Mar 2026

Air Quality

2.5.2 6 sets of 1-hr & 24-hr TSP construction dust measurement were carried out at each monitoring stations during normal weekdays of the reporting period. No Action / Limit Level exceedance for 1-hr & 24-hr TSP impact monitoring was recorded during the period.

Noise

2.5.3 5 sets of 30-minute construction noise measurement were carried out at each monitoring stations during normal weekdays of the reporting period. No exceedance of the Action and Limit Levels were recorded at each monitoring stations during the reporting period.

Groundwater

2.5.4 The baseline groundwater monitoring was commenced on 28 March 2025. The details of baseline groundwater monitoring will be presented in the Baseline Monitoring Report.

Surface Water Quality

2.5.5 1 set of surface water quality measurement were carried out at each monitoring stations during normal weekdays of the reporting period. No exceedance of Action and Limit Level of surface water quality at each monitoring stations was recorded during the reporting period.

Landfill Gas

2.5.6 25 sets of landfill gas measurement were carried out at the designated monitoring locations during normal weekdays of the reporting period. No exceedance of Action and Limit Levels of landfill gas was recorded during the reporting period.

Landscape and Visual

2.5.7 All the specified and affected LCAs, LRs and VSRs have been monitored during the reporting period. No exceedance of Action and Limit Levels of landscape and visual was recorded during the reporting period.

Cultural Heritage

2.5.8 Implementation of the mitigation measures during construction phase of the Project has been monitored through the regular site inspection/audit.

Ecology

2.5.9 Implementation of the mitigation measures during construction phase of the Project has been monitored through the regular site inspection/audit.

Environmental Site Inspection

2.5.10 5 weekly environmental site inspections were carried out during the reporting period. A joint environmental site inspection was carried out by the representatives of the Employer's Representative (ER), the Contractor, IEC and the ET on 16 March 2026. The Contractor has generally implemented part of the mitigation measures as recommended. No general site inspection was conducted by Environmental Protection Department-Regional Office (North) (EPD-RNG) during the reporting period.

3 Air Quality Monitoring

3.1 Construction Dust

3.1.1 Monitoring Requirement

3.1.1.1 In accordance with the Updated EM&A Manual, 1-hr & 24-hr Total Suspended Particulates (TSP) levels should be measured at the designated air quality monitoring stations in every 6 days to ensure that any deteriorating air quality could be readily detected, and timely action shall be undertaken to rectify such situation. For 1-hr TSP monitoring, the sampling frequency of at least three times in every six-days should be undertaken when the highest dust impact occurs. The specific time to start and stop the 24- hr TSP monitoring shall be clearly defined for each location.

3.1.2 Monitoring Parameters, Frequency and Location

3.1.2.1 According to the Updated EM&A Manual, three monitoring stations namely AM(D)1, AM(D)2 and AM(D)3 are selected for the impact monitoring.

3.1.2.2 A baseline monitoring plan has been submitted to IEC and EPD on 31 May 2022 including the proposal with justification of change of monitoring locations. Due to limited access to the original monitoring locations at AM(D)1, AM(D)2 and AM(D)3, the adjusted stations at AM1, AM2 and AM3 were agreed with IEC prior to the baseline and impact monitoring. The locations of adjusted dust monitoring locations are shown in **Figure 2**.

3.1.2.3 The detailed monitoring schedule is shown in **Appendix D**. The locations of dust monitoring stations are shown in **Table 3-1**. The monitoring parameters, frequency and duration are shown in **Table 3-2**.

Table 3-1 Locations of Dust Monitoring Stations

Monitoring Station	Representative For	Monitoring Parameters
AM1	Tung Lo Hang	1-hr and 24-hr TSP
AM2	Heung Yuen Wai	1-hr and 24-hr TSP
AM3	Wo Keng Shan Tsuen	1-hr and 24-hr TSP

Remarks:

The contractor passed correspondence including original monitoring locations specified on the Approved EM&A Manual to the village representatives on 26 April 2022. After a meeting with Ta Kwu Ling District Rural Committee (RC) Chairman, representative from the RC and a few villagers on 1 May 2022, all the Village Heads of Wo Keng Shan Tsuen, Heung Yuen Wai and Lin Ma Hang verbally refused to accept our proposal for installation of dust and / or noise monitoring equipment within or next to their villages, for the baseline & impact monitoring.

AM(D)1 Tung Lo Hang, AM(D)2 Heung Yuen Wai, AM(D)3 Wo Keng Shan Tsuen are the air monitoring stations for the construction phase EM&A programme as identified in the approved EM&A Manual for the Project. The access to Tung Lo Hang, Heung Yuen Wai and Wo Keng Shan Tsuen were denied. A search for alternative air monitoring locations (AM1, AM2 & AM3) was carried out during the site visit.

The Baseline Monitoring Plan has been submitted to IEC and EPD including the proposal of change of monitoring locations on 31 May 2022. This arrangement was conducted between baseline and impact monitoring and has been agreed by the Independent Environmental Checker (IEC) and no comment received from EPD.

Due to the adjustment of the location of AM(D)1, AM(D)2 & AM(D)3to AM1, AM2 & AM3, the measured air quality levels at AM1, AM2 & AM3 would represent the air quality levels at AM(D)1, AM(D)2 & AM(D)3.

Table 3-2 Dust Impact Monitoring Parameters, Frequency and Duration

Monitoring Station	Parameter	Frequency and Duration
AM1, AM2, AM3	1-hr TSP	At least 3 times per 6 days
	24-hr TSP	1 time per 6 days

3.1.3 Monitoring Equipment

3.1.3.1 High volume samplers (HVSs) were used for carrying out 24-hr TSP monitoring. For 1-hr TSP monitoring, direct reading dust meters were used to measure 1-hr TSP levels.

3.1.3.2 **Table 3-3** summarises the equipment that were used in the dust monitoring programme. The calibration certificates are shown in **Appendix E**.

Table 3-3 Dust Monitoring Equipment

Equipment	Model	Expiry Date	Monitoring Station
High Volume Sampler (HVS)	TE-5170X (S/N: 1105)	30 May 2026	AM1
	TE-5170X (S/N: 1106)		AM2
	TE-5170X (S/N: 1856)		AM3
Direct Reading Dust Meter	Sibata LD-5R (S/N: 0Z4545)	15 Feb 2027	AM1 to AM3
	Sibata LD-5R (S/N: 882106)		
	Sibata LD-5R (S/N: 942532)		
Calibration Kit (for HVS)	TE-5025A (S/N: 4166)	8 May 2026	AM1 to AM3

Remarks:
The Expiry Date of Calibration Kit (for HVS) reflected that the calibration certificate fulfils the bi-monthly calibration interval requirement for the HVS.

3.1.4 Monitoring Methodology

1-hr TSP Monitoring

3.1.4.1 The 1-hr TSP impact monitoring was conducted using a portable direct reading dust meter.

Measuring Procedures

3.1.4.2 The measuring procedures of the 1-hr dust meter has been undertaken in accordance with the Manufacturer's Instruction Manual as follows:
Procedure of starting monitoring

- Place the 1-hr dust meter at least 1.3m above ground;
- Turn on the "On/Off" button at the side of instrument. Program will be changed to "BG" mode and leave it for 1 minute.
- Pull out the Suction adaptor and turn the button at the side. Cover with hand at the suction adaptor measure the background for 10 seconds.
- Press " UP" and " DOWN" for choosing "SPAM Mode" for SPAM Measurement.
- Press "Up" and "Down" to select "Measurement Mode" with 60 minutes interval and unit in ug/m3.
- Press "Start/Stop" to start monitoring.

Procedure of setting measurement timer

- Press "Up" or "Down" to find "Setting LOG".
- Select "Record Cycle" and change the record time subject to different project requirement. For example, setting the record cycle as 60 minutes for normal operation.
- Press "ESCAPE" back to the main page.
- Press "Up" or "Down" to access "Measurement Timer" and select "Measurement time" to change the time to 3 hours.
- Information such as sampling date, time, count value and site condition will be recorded during the monitoring period.

Calibration & Maintenance

3.1.4.3 The direct reading dust meters will be verified against calibrated high volume samples (HVSs) annually. A 2-day, three 3-hour measurement results per day from direct reading dust meter will be taken to compare with the sampling results from the HVS. The correlation between the direct reading dust meter and the HVS will then be concluded. By accounting for the correlation factor, the direct reading dust meter will be considered to achieve comparable results as that of the HVS.

3.1.4.4 All digital dust indicator will be calibrated with on-site HVS annually. Calibration certificate will be provided after calibration. The Calibration process shall eyewitness with the representative of ET & IEC.

Quality Audit

3.1.4.5 Checklist of regular checking for digital dust meter will be conducted bi-weekly by environmental technician to ensure the all-digital dust meter are in good condition and submitted to supervisors. All checklists will be kept by supervisors.

3.1.4.6 Logbook is provided to environmental technician record the transferal of equipment to other colleagues, reporting to supervisors is required.

24-hr TSP Monitoring

3.1.4.7 The 24-hr TSP monitoring has been conducted using a High-Volume Sampler (HVS).

Measuring Procedures

3.1.4.8 The HVS has been set-up at the monitoring location with a fixed power supply for operation. The measuring procedures of the 24-hr TSP measurements has been undertaken in accordance with the specifications listed in the EM&A Manual. Each HVS includes a motor, a filter holder, a flow controller and a sampling inlet in accordance with the performance specification of the USEPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50), Appendix B. The measuring procedures of the 24-hr dust meter was undertaken in accordance with the Manufacturer's Instruction Manual as follows:

- The power supply will be checked to ensure the HVS works properly;
- The filter holder and the area surrounding the filter will be cleaned;
- The filter holder will be removed by loosening the four bolts and a new filter on a supporting screen will be aligned carefully;
- The filter will be properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter;
- The swing bolts will be fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges;
- The shelter lid will be closed and secured with the aluminium strip;
- The HVS will be warmed-up to establish run-temperature conditions;
- A new flowrate record sheet will be set into the flow recorder;
- The programmable timer will be set for a sampling period of 24 hour, and the starting time, weather condition and the filter number will be recorded;
- The initial elapsed time will be recorded;
- At the end of sampling, the sampled filter will be removed carefully and folded in half-length so that only surfaces with collected particulate matter will be in contact;
- The sample will be placed in a clean plastic envelope and sealed;
- All monitoring information will be recorded on a standard data sheet; and
- The filters will be taken back to HOKLAS accredited laboratory for analysis.

3.1.4.9 In addition, site conditions and dust sources were recorded in a standard form for direct input into a database.

Calibration & Maintenance

3.1.4.10 The high volume motors and their accessories should be properly maintained, including routine motor brushes replacement and electrical wiring checking, to ensure that the equipment and a continuous power supply were in good working condition.

3.1.4.11 Initial calibration of dust monitoring equipment shall be conducted upon installation and thereafter at bi-monthly intervals. The transfer standard shall be traceable to the internationally recognized primary standard and be calibrated annually.

The detail procedure of calibration of HVS is listed below:

1. Make sure the electrical circuit is connected properly. The motor should be directly connected to the power source.
2. Open the top cover and unlock the screws at the four corners.
3. Install the orifice and adapter plate to high volume air sample. Tighten the nut securely. Turn the knob of orifice clock-wise to close the four holes on the bottom open.
4. Hold the water manometer on the cover of mass flow controller vertically. Connect one side of a water manometer to the pressure tap on the side of the orifice with a rubber vacuum tube. Leave opposite side of the manometer open to the atmosphere.
5. Turn on the sampler
6. Five flow rates are achieved by changing the different plates to change the resistance. Record the manometer reading and the reading from continuous flow recorder. At least 5 sets of data should be recorded.

3.1.4.12 The Calibration process shall eyewitness with the representative of ET & IEC.

3.1.5 Monitoring Results

3.1.5.1 The impact dust monitoring results are summarized in **Table 3-4** and **Table 3-5.** The monitoring data together with graphical presentations are presented in **Appendix F** and **Appendix G**.

Table 3-4 Summary of Impact 1-hr TSP Monitoring Results

Month	Average 1-hr TSP Concentration, µg/m³ (Range)		
	Dust Monitoring Station		
	AM1	AM2	AM3
Mar 2026	33 (24 – 41)	41 (36 – 49)	46 (38 – 53)
Action Level	**>285**	**>279**	**>285**
Limit Level	**>500**		

Table 3-5 Summary of Impact 24-hr TSP Monitoring Results

Month	Average 24-hr TSP Concentration, μg/m³ (Range)		
	Dust Monitoring Station		
	AM1	AM2	AM3
Mar 2026	70 (46 – 91)	56 (37 – 77)	59 (45 – 79)
Action Level	**>164**	**>152**	**>163**
Limit Level	**>260**		

3.1.5.2 The Summary of Impact 1-hr & 24-hr TSP Exceedance during the reporting period are shown in **Table 3-6**. The Notification of Environmental Quality Limits Exceedances are presented in **Appendix H**.

Table 3-6 Summary of Impact 1-hr & 24-hr TSP Exceedance during the Reporting Period

Dust Monitoring Station		AM1		AM2		AM3	
Parameters / Level Exceedance		Action Level	Limit Level	Action Level	Limit Level	Action Level	Limit Level
1-hr TSP	Exceedance Date	-	-	-	-	-	-
	Exceedance Count	0	0	0	0	0	0
24-hr TSP	Exceedance Date	-	-	-	-	-	-
	Exceedance Count	0	0	0	0	0	0

Remarks: * equal to non-project related

3.1.5.3 No Action / Limit Level exceedance for 1-hr & 24-hr TSP impact monitoring at AM1, AM2 & AM3 was recorded during the period.

3.1.6 Wind Data Monitoring

3.1.6.1 During the monitoring period. wind data from existing weather station in the vicinity of the designated monitoring location, i.e Ta Kwu Ling station operated by Hong Kong Observatory was adopted. It is considered that the wind data obtained from Ta Kwu Ling station are representative of the Project area and could be used for the construction dust monitoring programme for the Project. The results for wind data monitoring are presented in **Appendix I**.

3.1.7 Recommended Mitigation Measures

3.1.7.1 The recommended dust mitigation measures from EIA report are listed as followed:

- The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation.
- Dust emission from construction vehicle movement is confined within the worksites area.
- Watering facilities will be provided at every designated vehicular exit point.
- Good site practice is recommended during construction phase.

3.1.8 Event and Action Plan

3.1.7.2 Should non-compliance of the criteria occur, action in accordance with the action plan in **Table 3-7** shall be carried out.

Table 3-7 Event and Action Plan for Dust Impact

Event	ET	IEC	Contractor
Exceedance of Action Level			
Exceedance for one sample	• Identify source • Prepare Notification of Exceedance • Inform IEC and Contractor • Repeat measurement to confirm findings • Increase monitoring frequency to daily if exceedance is due to the Project and continue until the monitoring results reduce to below action level	• Verify the Notification of Exceedance • Check monitoring data submitted by ET and Contractor's working methods • Discuss with ET and Contractor on proposed remedial measures	• Rectify any unacceptable practice • Amend working methods if appropriate
Exceedance for two or more consecutive samples	• Identify source • Prepare Notification of Exceedance • Inform Contractor and IEC • Repeat measurements to confirm findings • Increase monitoring frequency to daily if exceedance is due to the Project and continue until the monitoring results reduce to below action level • Discuss with IEC for remedial action required • Ensure remedial measures are properly implemented • Continue monitoring at daily intervals if exceedance is due to the Project • If no exceedance for 3 consecutive days, cease additional monitoring	• Verify the Notification of Exceedance • Check monitoring data submitted by ET and Contractor's working methods • Discuss with ET and Contractor on proposed remedial measures • Review with analysed results submitted by ET • Review the proposed remedial measures by Contractor • Supervise the implementation of remedial measures	• Submit proposals for remedial actions to IEC within 3 working days of notification • Implement the agreed proposals • Amend proposal if appropriate

Event	ET	IEC	Contractor
Exceedance of Limit Level			
Exceedance for one sample	• Identify source • Prepare Notification of Exceedance • Inform IEC and Contractor • Repeat measurement to confirm findings • Increase monitoring frequency to daily if exceedance is due to the Project and continue until the monitoring results reduce to below limit level • Assess effectiveness of Contractor's remedial actions and keep EPD and IEC informed of the results	• Verify the Notification of Exceedance • Check monitoring data submitted by ET and Contractor's working methods • Discuss with ET and Contractor potential remedial actions • Supervise the implementation of remedial measures	• Take immediate action to avoid further exceedance • Submit proposals for remedial actions to IEC within 3 working days of notification • Implement the agreed proposals • Amend proposal if appropriate
Exceedance for two or more consecutive samples	• Identify source • Prepare Notification of Exceedance • Inform IEC and EPD the causes and actions taken for the exceedances • Discuss with IEC for remedial action required • Ensure remedial measures are properly implemented • Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and informed of the results • Increase monitoring frequency to confirm findings • If exceedance stops, cease additional monitoring	• Verify the Notification of Exceedance • Check monitoring data submitted by ET and Contractor's working methods • Discuss amongst ET and Contractor on the potential remedial actions. • Review Contractor's remedial actions whenever necessary to assure their effectiveness • Supervise the implementation of remedial measures	• Take immediate action to avoid further exceedance • Submit proposals for remedial actions to IEC of notification • Implement the agreed proposals • Resubmit proposals if problem still not under control • Stop the relevant activity of works until the exceedance is abated

4 Noise Monitoring

4.1 Monitoring Requirement

4.1.1 In accordance with the Updated EM&A manual, noise impact monitoring shall be carried out at 2 monitoring stations NM1a and NM2a once a week during normal construction working hour (0700-1900 Monday to Saturday). The minimum logging interval shall be 30 minutes with average of 6 consecutive Leq $_{(5\ mins)}$, L_{10} and L_{90} shall also be measured at 5 mins intervals.

4.2 Monitoring Locations, Parameters and Frequency

4.2.1 According to the Updated EM&A Manual, two monitoring stations namely NM1 and NM2 are selected for the impact monitoring.

4.2.2 A baseline monitoring plan has been submitted to IEC and EPD on 31 May 2022 including the proposal with justification of change of monitoring locations. Due to limited access to the original monitoring locations at NM1 and NM2, the adjusted stations at NM1a and NM2a were agreed with IEC prior to the baseline and impact monitoring. The noise monitoring locations are summarized in **Table 4-1** and shown in **Figure 2**.

4.2.3 The detailed monitoring schedule is shown in **Appendix D**. The frequency and duration are shown in **Table 4-2**.

Table 4-1 Noise Monitoring Locations

Monitoring Station	Representative for	Type of Measurement
NM1a	Wo Keng Shan Tsuen	Free field
NM2a	Lin Ma Hang	Free field

Remarks:

The contractor passed correspondence including original monitoring locations specified on the Approved EM&A Manual to the village representatives on 26 April 2022. After a meeting with Ta Kwu Ling District Rural Committee (RC) Chairman, representative from the RC and a few villagers on 1 May 2022, all the Village Heads of Wo Keng Shan Tsuen, Heung Yuen Wai and Lin Ma Hang verbally refused to accept our proposal for installation of dust and / or noise monitoring equipment within or next to their villages, for the baseline & impact monitoring.

NM1 Wo Keng Shan Tsuen & NM2 Lin Ma Hang are the noise monitoring stations for the construction phase EM&A programme as identified in the approved EM&A Manual for the Project. The access to Tung Lo Hang, Heung Yuen Wai and Wo Keng Shan Tsuen were denied. A search for alternative noise monitoring locations (NM1a & NM2a) was carried out during the site visit.

The Baseline Monitoring Plan has been submitted to IEC and EPD including the proposal of change of monitoring locations on 31 May 2022. This arrangement was conducted between baseline and impact monitoring and has been agreed by the Independent Environmental Checker (IEC) and no comments received from EPD. Noise measurement at NM1a & NM2a will be considered as free-field and a correction of +3dB(A) would be made to the noise monitoring results.

Due to the adjustment of the location of NM1 & NM2 to NM1a & NM2a, the measured noise levels at NM1 & NM2 would represent the noise levels at NM1 & NM2.

Table 4-2 Noise Monitoring Parameters, Frequency and Duration

Monitoring Station	Parameter	Frequency and Duration
NM1a and NM2a	$L_{Aeq\ (30mins)}$ average of 6 consecutive $L_{Aeq\ (5min)}$; $L_{A10(5min)}$ & $L_{A90(5min)}$	Once a week during normal construction working hour (0700-1900 Monday to

		Saturday)

4.3 Monitoring Equipment

4.3.1 Integrating Sound Level Meter (SLM) was used for noise impact monitoring. The SLM complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications shall be used for carrying out noise monitoring. The accuracy of the SLM was checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements shall be accepted as valid only if the calibration level from prior to and after the noise measurement agrees to within 1.0dB.

4.3.2 A portable wind speed meter was used for measuring wind speeds in m/s.

4.3.3 **Table 4-3** summarises the equipment that have been used in the impact noise monitoring programme. The calibration certificates are shown in **Appendix E**.

Table 4-3 Noise Monitoring Equipment

Equipment	Model	Expiry Date
Sound Level Meter	NTi XL2 (S/N: A2A-13661-E0)	6 Aug 2026
Acoustic Calibrator	Rion NC-75 (S/N: 34724245)	10 Jul 2026
Anemometer	UNI-T UT363 (S/N: C222415356)	17 Feb 2027

4.4 Monitoring Methodology

4.4.1 The details of noise measurement procedures are described as follows:

- Free-field measurements were made at the monitoring locations.
- For free field, the Sound Level Meter was set at a height of 1.2 m above the ground. The battery condition was checked to ensure the proper functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
- Frequency weighting: A
- Time weighting: Fast
- Measurement time: 5 minutes (Leq (30-min) would be determined for daytime noise by calculating the logarithmic average of six Leq (5min) data.)
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1.0 dB, the measurement would be considered invalid and repeat of noise measurement would be required after recalibration or repair of the equipment.
- Noise measurement should be paused during periods of high intrusive noise if possible and observation shall be recorded when intrusive noise is not avoided.
- At the end of the monitoring period, the Leq, L10 and L90 shall be recorded. In addition, site conditions and noise sources should be recorded on a standard record sheet.

- All noise monitoring will be conducted with the wind speed not exceeding 5m/s and no gusts exceeding 10m/s.

Calibration & Maintenance

4.4.2 The sound level meter, sound calibrator, and anemometer should be properly maintained to ensure that the equipment and a continuous power supply were in good working condition. The sound level meter and sound calibrator will be calibrated annually. The anemometer will be calibrated two years interval in accordance with the HOKLAS Supplementary Criteria No.2. Calibration certificate will be provided after calibration.

4.4.3 The microphone head of the sound level meter and calibrator should be cleaned with a soft cloth at quarterly intervals.

4.5 Monitoring Results

4.5.1 The impact noise monitoring results are summarized in **Table 4-4**. The monitoring data together with graphical presentations are presented in **Appendix F** and **Appendix G**.

Table 4-4 Summary of Noise Monitoring Results during Normal Working Hours (07:00-19:00, Monday to Saturday)

Month	Average Leq, 30min, dB(A) (Range)	
	Noise Monitoring Station	
	NM1a	NM2a
Mar 2026	60.4 (58.3 – 62.0)	53.4 (47.0 – 57.9)
Action Level	**When one documented complaint is received**	
Limit Level	**>75dB(A)**	

Remark:

(1) * A correction of +3 dB(A) was made to the free field measurements

(2) If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

4.5.2 No exceedance of the Action and Limit Levels was recorded at designated monitoring stations during the reporting period. The record of Notification of Environmental Quality Limits Exceedance is presented in the **Appendix H**.

4.5.3 No particular observations are identified near the monitoring stations during the monitoring period.

4.5.4 The Summary of Impact Noise Exceedance are shown in **Table 4-5**.

Table 4-5 Summary of Impact Noise Exceedance during the Reporting Period

Noise Monitoring Station		NM1a		NM2a	
Parameters / Level Exceedance		Action Level	Limit Level	Action Level	Limit Level
LA_{eq}(30mins)	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks:

(1) * equal to non-project related after the investigation.

(2) # equal to the complaint under the investigation.

4.6 Recommended Mitigation Measures

4.6.1 The recommended noise mitigation measures from EIA report are listed as followed:

1. Use of good site practices to limit noise emissions by considering the following:
   - Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme;
   - Machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;
   - Plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs;
   - Silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works;
   - Mobile plant should be sited as far away from NSRs as possible and practicable;
   - Material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.
2. Select “Quiet plants” which comply with the BS 5228 Part 1 or TM standards.

4.7 Event and Action Plan

4.7.1 Should non-compliance of the criteria occurs, action in accordance with the action plan in **Table 4-6** shall be carried out.

Table 4-6 Event and Action Plan for Construction Noise Monitoring

Event	ET	IEC	Contractor
Exceedance of Action Level	• Identify source, investigate the causes of exceedance • Prepare Notification of Exceedance • Inform IEC and Contractor • Report the results of investigation to IEC, and Contractor • Discuss with Contractor and IEC for formulate remedial measures • Ensure remedial measures are properly implemented • Have additional monitoring if exceedance is due to the Project. If exceedance stops, cease additional monitoring	• Verify the Notification of Exceedance • Review the analysed results submitted by ET • Discuss with ET, and Contractor on the potential remedial actions • Review the proposed remedial measures • Supervise the implementation of remedial measures	• Submit noise mitigation proposals to IEC • Implement the agreed noise mitigation proposals
Exceedance of Limit Level	• Identify source, investigate the causes of exceedance • Prepare Notification of Exceedance • Inform IEC and Contractor • Repeat measurements to confirm findings • Discuss with Contractor and IEC for remedial measures • Ensure remedial measures are properly implemented • Assess effectiveness of Contractor's remedial actions and keep IEC and EPD informed of the results • Have additional monitoring if exceedance is due to the Project. If exceedance stops, cease additional monitoring	• Verify the Notification of Exceedance • Review the analysed results submitted by ET • Discuss with ET, and Contractor on the potential remedial actions • Review the proposed remedial measures • Supervise the implementation of remedial measures	• Take immediate action to avoid further exceedance • Submit proposals for remedial actions to IEC of notification • Implement the agreed proposals • Resubmit proposals if problem still not under control • Stop the relevant portion of works as determined by project proponent until the exceedance is abated.

5 Water Quality Monitoring

5.1 Groundwater Monitoring

5.1.1 Monitoring Requirement

5.1.1.1 According to the Updated EM&A Manual, baseline water quality (groundwater) monitoring shall be carried out at the 35 monitoring locations (ED-1 to ED-35), which are subject to changes on the design and modification of the Project. Considering the requirements, objectives and feasibility of conducting the baseline water quality (groundwater) monitoring, a total of 35 monitoring locations (CW-1 to CW-35) are proposed along the waste boundary and access road of the project site. Due to the proposed monitoring locations CW-1 to CW-35 locates along the waste filling boundary of the project site, it can maintain to determine the natural seasonal variation in groundwater levels, effects of any ground water abstraction, identification of hydraulic gradients and variation caused by the construction, operation or aftercare of the project site by Section 5.4.1 of the Updated EM&A Manual. The proposed monitoring locations (CW-1 to CW-35) were approved by IEC on 16 January 2025.

5.1.1.2 The baseline groundwater monitoring was commenced on 28 March 2025. The details of baseline groundwater monitoring will be presented in the Baseline Monitoring Report.

5.2 Surface Water Monitoring

5.2.1 Monitoring Requirement

5.2.1.1 In accordance with the Updated EM&A manual, impact surface water quality monitoring was carried out at the two designated surface water discharge points (i.e. WM1 and WM2) for once per month from commencement of construction works of the Project.

5.2.2 Monitoring Locations, Parameters and Frequency

5.2.2.1 Impact surface water monitoring was carried out at WM1 and WM2 during the reporting period. The monitoring locations are indicated in **Table 5-1** and **Figure 2**.

5.2.2.2 The monitoring parameters, frequency and duration of surface water quality monitoring are summarized in **Table 5-2**. Detailed monitoring schedule is presented in **Appendix D**.

Table 5-1 Surface Water Quality Monitoring Locations

Monitoring Station	Location	Coordinates (HK Grid)	
		Easting	Northing
WM1	Upstream of Lin Ma Hang River	836665	845020
WM2	Ping Yuen River	835592	844186

Table 5-2 Surface Water Quality Monitoring Parameters, Frequency and Duration

Parameter	Frequency
pH, Electrical conductivity, DO, Turbidity, SS, Alkalinity, COD, BOD_5, TOC, Ammonia-nitrogen, TKN, Nitrate, Sulphate, Sulphite, Phosphate, Chloride, Sodium, Mg, Ca, K, Fe, Ni, Zn, Mn, Cu, Pb, Cd, Coliform Count, Oil and Grease	Once per month

5.2.3 Monitoring Equipment

5.2.3.1 The measurements of pH, electrical conductivity (EC), DO, turbidity, water temperature and air temperature were undertaken in situ. In situ monitoring instruments in compliance with the specifications listed under Section 5.5 of the Updated EM&A Manual were used to undertake the surface water quality monitoring for the Project. **Table 5-3** summarises the equipment used in the impact surface water quality monitoring works. Copies of the calibration certificates are attached in **Appendix E**.

Table 5-3 Surface Water Quality Monitoring Equipment

Equipment	Model	Expiry Date
Water Quality Meter	YSI ProDSS (S/N: 24G101659)	23 Apr 2026
Water Flow Meter	Global Water FP111 (S/N: 22K100858)	24 Feb 2027

5.2.4 Summary of Surface Water Quality Monitoring Procedure

Operational/ Analytical Procedures

5.2.4.1 In general, water samples were collected from within 500 mm of the water surface. Water was collected by a small clean open-mouthed bucket with the lip pointing upstream. Usually, water was then transferred to the sample bottles until they were filled to the top with no remaining air space before the lid was securely screwed on. For samples that were preserved with acid or alkalis prior to transport to the laboratory, the samples bottles were filled to the level specified by the analytical laboratory.

5.2.4.2 Analyses shall be carried out in accordance with methods described in ASTM or APHA - AWWA-WEF Standard.

Laboratory Analytical Methods

5.2.4.3 The testing of parameters presented in **Table 5-4** for all stations was conducted by ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066). Comprehensive quality assurance and control procedures were in place in order to ensure quality and consistency in results. The detection limits are provided in **Table 5-4.**

Table 5-4 Surface Water Monitoring Detection Limits and Limit of Reporting

Parameters	Detection Limit (in Updated EM&A Manual)	Limit of Reporting	Method Reference
pH	0.1	0.1	APHA 4500 H+ B
Electrical conductivity	1 mS/cm	1 mS/cm	APHA 2510 B
Alkalinity	1 mg/L	1 mg/L	APHA 2320 B
COD	10 mg/L	5 mg/L	APHA 5220 C
BOD_5	3 mg/L	2 mg/L	APHA 5210 B
TOC	1 mg/L	1 mg/L	APHA 5310 B
SS	0.1 mg/L	0.1 mg/L	APHA 2540 D
Ammonia-nitrogen	0.2 mg/L	0.01 mg/L	APHA 4500 NH3 G
TKN	0.4 mg/L	0.1 mg/L	APHA 4500Norg: D
Nitrate	0.5 mg/L	0.01 mg/L	APHA 4500 NO3 I
Sulphate	5 mg/L	1 mg/L	USEPA 375.4
Sulphite	2 mg/L	2 mg/L	APHA 4500 SO3 B
Phosphate	0.01 mg/L	0.01 mg/L	APHA 4500-P B & F
Chloride	0.5 mg/L	0.5 mg/L	USEPA 325.1
Sodium	50 mg/L	50 mg/L	USEPA 6010C
Mg	50 mg/L	50 mg/L	USEPA 6010C
Ca	50 mg/L	50 mg/L	USEPA 6010C
K	50 mg/L	50 mg/L	USEPA 6010C
Fe	50 mg/L	10 mg/L	USEPA 6010C
Ni	1 mg/L	1 mg/L	USEPA 6020A
Zn	10 mg/L	10 mg/L	USEPA 6020A
Mn	1 mg/L	1 mg/L	USEPA 6020A
Cu	1 mg/L	1 mg/L	USEPA 6020A
Pb	1 mg/L	1 mg/L	USEPA 6020A
Cd	0.2 mg/L	0.2 mg/L	USEPA 6020A
Coliform Count	1 cfu/ 100mL	1 cfu/ 100mL	DoE section 7.8, 7.9.4.1 & 3
Oil and Grease	5 mg/L	5 mg/L	APHA 5520 B

QA/ QC Requirements

5.2.4.4 All in situ monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS or other international accreditation scheme before use, and subsequently re-calibrated at the intervals according to manufacturer's requirement throughout all stages of the surface water quality monitoring programme. Calibration of temperature, DO, salinity, pH and turbidity is conducted in three-month interval. Calibration of water flow is conducted annually. Responses of sensors and electrodes were checked with certified standard solutions before each use. Calibration for a DO meter was carried out before measurement according to the instruction manual of the equipment model. For the on-site calibration of field equipment, the requirements of the BS 1427:2018, "Guide to on-site test methods for the analysis of waters" was observed.

Decontamination Procedures

5.2.4.5 Water sampling equipment used during the course of the monitoring programme was decontaminated by manual washing and rinsed with clean distilled water after each sampling location.

Sampling Management and Supervision

5.2.4.6 All sampling bottles were labelled with the sample ID (including the indication of sampling station), laboratory number and sampling date. Water samples were dispatched to the testing laboratory for analysis as soon as possible after the sampling. All samples were stored in a cool box and kept at less than 4°C but without frozen. All water samples were handled under chain of custody protocols and relinquished to the laboratory representatives at locations specified by the laboratory. The laboratory determination works started within 24 hours after collection of water samples.

Quality Control Measures for Sample Testing

5.2.4.7 The samples testing was performed by ALS Technichem (HK) Pty Ltd. The following quality control programme was performed by the laboratory:

- One method blank; and
- One sample duplicate.

5.2.5 Monitoring Results

5.2.5.1 Impact surface water quality monitoring was conducted at WM1 & WM2 on 13 March 2026. No adverse weather was observed during reporting period. The detailed monitoring schedule is shown in **Appendix D**.

5.2.5.2 The summary of monitoring results is presented in **Table 5-5**. Detailed monitoring results at each monitoring station and graphical presentations of surface water quality (DO, SS and Turbidity) at the monitoring stations are given in **Appendix F** and **Appendix G.**

5.2.5.3 No particular observations are identified near the monitoring stations during the monitoring period.

Table 5-5 Summary of Impact Surface Water Monitoring Results

Monitoring Parameter(s)	Monitoring Station					
	WM1			WM2		
	Monitoring Results	Action Level	Limit Level	Monitoring Results	Action Level	Limit Level
pH	7.6	>7.7	>7.8	7.4	>7.6	>7.7
DO in mg/L	7.9	<7.4	<4	7.6	<5	<4
Turbidity in NTU	3.7	>9.2	>9.5	22.4	>108.3	>108.9
Electrical Conductivity in µS/cm	69	---	---	177	---	---
SS in mg/L	3.9	>9.7	>11.4	21.8	>94.5	>94.7
Alkalinity in mg/L	7	---		56	---	
COD in mg/L	7			7		
BOD_5 in mg/L	<2			<2		
TOC in mg/L	2			3		
Ammonia-nitrogen in mg/L	0.02			0.23		
TKN in mg/L	<0.1			0.7		
Nitrate in mg/L	0.03			0.09		
Sulphate in mg/L	13			22		
Sulphite in mg/L	<2			<2		
Phosphorus in mg/L	<0.01			<0.01		
Chloride in mg/L	8			7		
Sodium in µg/L	9350			8740		
Magnesium in µg/L	590			1480		
Calcium in µg/L	3820			22000		
Potassium in µg/L	390			5340		
Iron in µg/L	460			2550		
Nickel in µg/L	<1			1		
Zinc in µg/L	24			45		
Manganese in µg/L	32			1170		
Copper in µg/L	2.0			8		
Lead in µg/L	1.0			2		
Cadmium in µg/L	<0.2			<0.2		
Coliform Count in cfu/100mL	5200			4300		
Oil and Grease in mg/L	<5			<5		

Remarks:
1. Orange Text equals to exceed the Action Level.
2. Red Text equals to exceed the Limit Level.

5.2.5.4 The Summary of Impact Surface Water Quality Exceedance are shown in **Table 5-6**.

Table 5-6 Summary of Impact Surface Water Quality Exceedance during the Reporting Period

Surface Water Quality Monitoring Station		WM1		WM2	
Parameters \ Level Exceedance		Action Level	Limit Level	Action Level	Limit Level
pH	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
DO	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
Turbidity	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
SS	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks: * equal to non-project related

5.2.5.5 No exceedance of Action and Limit Level of surface water quality at designated monitoring statins was recorded during the reporting period. The Notification of Environmental Quality Limits Exceedance is presented in **Appendix H**.

5.2.6 Recommended Mitigation Measure

5.2.6.1 The recommended surface water mitigation measures from EIA report are listed as followed:

- Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided on site to direct stormwater to silt removal facilities.
- The overall slope of the site should be kept to a minimum to reduce the erosive potential of surface water flows.
- The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silts and sediment traps should be 5 minutes under maximum flow conditions.
- All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads.
- Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid water quality impacts.
- Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.

5.2.7 Implementation of the Temporary Surface Water Drainage System (TSWDS)

5.2.7.1 The site inspection and audits were carried out by ER, IC, ET & Contractor on weekly basis (IEC on monthly basis) to monitor the construction progress, maintenance performance and effectiveness of temporary surface water drainage system in the

Project Site to fulfil the FEP Condition 2.13, EP Condition 2.15 and the Section 5.2.1.1 of the Updated EM&A Manual. The joint environmental site inspection records are shown in **Appendix K**.

5.2.7.2 All construction site runoff would be treated by silt removal facilities to fulfil the requirement of WPCO licenses from the project. Construction site runoff from the project after treatment was discharged to Ping Yuen River. The surface water monitoring results at WM2 (after

5.2.7.3 the discharge point of silt removal facilities) can reflect the water quality at Ping Yuen River during the reporting period.

5.2.8 Event and Action Plan

5.2.8.1 Should non-compliance of the criteria occurs, action in accordance with the action plan in **Table 5-7** shall be carried out.

Table 5-7 Event and Action Plan for Water Quality

Event	ET	IEC	Contractor
Action level being exceeded by one sampling day	• Repeat in situ measurement to confirm findings • Identify source(s) of impact • Prepare Notification of Exceedance • Inform IEC and Contractor • Check monitoring data, all plant, equipment and Contractor's working methods • Repeat measurement on next day of exceedance	• Verify Notification of Exceedance • Check monitoring data and Contractor's working methods	• Rectify unacceptable practice • Amend working methods if appropriate
Action level being exceeded by two or more consecutive sampling days	• Repeat in situ measurement to confirm findings • Identify source(s) of impact • Prepare Notification of Exceedance • Inform IEC and Contractor • Check monitoring data, all plant, equipment and Contractor's working methods • Discuss with Contractor and IEC for remedial measures • Ensure mitigation measures are implemented • Increase the monitoring frequency to daily until no exceedance of Action level • Repeat measurement on next day of exceedance	• Verify Notification of Exceedance • Check monitoring data and Contractor's working method • Discuss with ET and Contractor on possible remedial actions • Review the proposed mitigation measures • Supervise the implementation of mitigation measures	• Submit proposal of additional mitigation measures to IEC of notification • Implement the agreed mitigation measures • Amend proposal if appropriate

Event	ET	IEC	Contractor
Limit Level being exceeded by one sampling day	• Repeat in situ measurement to confirm findings • Identify source(s) of impact • Prepare Notification of Exceedance • Inform IEC and Contractor; • Check monitoring data, all plant, equipment and Contractor's working methods • Discuss mitigation measures with IEC and Contractor • Ensure mitigation measure are implemented	• Verify Notification of Exceedance • Check monitoring data submitted By ET and Contractor's working method • Discuss with ET and Contractor on possible remedial actions • Review the proposed mitigation measures • Supervise the implementation of mitigation measures	• Critically review the working method • Rectify unacceptable practice • Take immediate corrective actions to avoid further exceedance • Submit proposal of mitigation measures to IEC • Implement the agreed mitigation measures •
Limit level being exceeded by two or more consecutive sampling days	• Repeat in situ measurement to confirm findings • Identify source(s) of impact • Prepare Notification of Exceedance • Inform IEC, contractor and EPD • Check monitoring data, all plant, equipment and Contractor's working methods • Discuss mitigation measures with IEC and Contractor • Ensure mitigation measure are implemented	• Verify Notification of Exceedance • Check monitoring data submitted by ET and Contractor's working method • Discuss with ET and Contractor on possible remedial actions • Review the proposed mitigation measures • Supervise the implementation of mitigation measures	• Critically review the working method • Rectify unacceptable practice • Take immediate corrective actions to avoid further exceedance • Submit proposal of mitigation measures to IEC • Implement the agreed mitigation measures • Resubmit proposals if problem still not under control • Slow down or to stop relevant activity until exceedance is abated

6 Waste Management

6.1.1 Wastes generated from this Project include inert construction and demolition (C&D) materials and non-inert C&D materials. Non-inert C&D materials were made up of general refuse, steels and paper/cardboard packaging materials. Steel materials generated from the Project were also grouped into non-inert C&D materials as the materials were not disposed of with other inert C&D materials. With reference to relevant handling records and trip tickets of this Project, the quantities of different types of waste generated in the reporting month are summarised in **Appendix J**.

6.1.2 A total of 82,068.57 tonnes of C&D materials was reused in the project site during the reporting period. A total of 5,121.00 tonnes of C&D materials was reused at alternative disposal ground (NENT Landfill) during the reporting period. No C&D materials were imported fill during the reporting period. No Yard waste (collected to Y-Park) was generated during the reporting period. A total of 201.57 tonnes of general refuse and No non-recyclable yard waste was generated during the reporting period. The general refuse generated from the Project were disposed of at the NENT Landfill.

6.1.3 The recommended waste management mitigation measures from EIA report are listed as followed:

- Implement a trip-ticket system to ensure that the movement of C&D materials are properly documented and verified in accordance with DEVB TC(W) No. 6/2010.
- Concrete and masonry should be used as general fill and steel reinforcement bars can be used by scrap steel mills.
- Proper areas should be designated for waste segregation and storage wherever site conditions permit.
- Maximise the use of reusable steel formwork to reduce the amount of C&D material.
- Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement.
- On-site sorting and segregation facility of all type of wastes is considered as one of the best practice in waste management and hence, should be implemented in all projects generating construction waste.
- The sorted public fill and C&D waste should be properly reused.
- Excavated slope, stockpiled material and bund walls should be covered by tarpaulin until used in order to prevent wind-blown dust during dry weather, and to reduce muddy runoff during wet weather.

7 Landfill Gas Monitoring

7.1 Monitoring Requirement during Construction

Monitoring for Construction Works

7.1.1 Intrinsically safe portable gas detectors should be used during or when working in any confined spaces, which have the potential for presence of LFG and risk of explosion or asphyxiation. The monitoring equipment should alarm, both audibly and visually, when the concentrations of the following gases were exceeded:

- CH_4: >10% Lower Explosion Limit (LEL);
- CO_2: >0.5%; and
- O_2: <18% by volume.

7.2 Monitoring Locations

7.2.1 During the construction works within the NENT Landfill Extension site with excavation of 1m deep or more, LFG concentrations should be monitored before entry and periodically during the progress of works. If drilling is required, the procedures for safety management and working procedures as stipulated in EPD's Landfill Gas Hazard Assessment – Guidance Note should be strictly adopted.

7.2.2 The monitoring frequency and areas to be monitored should be set down prior to commencement of groundworks by the Safety Officer. All measurements in excavations should be made with the monitoring tube located not more than 10mm from the exposed ground surface. Monitoring of excavations should be undertaken as follows:

7.2.3 For excavation works deeper than 1m, measurements should be made:

- at ground surface prior to excavation;
- immediately before any worker enters the excavation;
- at the beginning of each working day for the entire period the excavation remains open; and
- periodically through the working day whilst workers are in the excavation.

7.2.4 For excavation between 300mm and 1m deep, measurements should be made:

- directly after the excavation has been completed; and
- periodically whilst the excavation remains open.

7.2.5 For excavations less than 300mm deep, monitoring may be omitted, at the discretion of the Safety Officer.

7.2.6 The locations of LFG monitoring locations during reporting period are shown in **Table 7-1**. The Site formation layout plan is shown in **Figure 2** and the Layout of LFG monitoring locations is presented in **Figure 3**.

Table 7-1 Locations of LFG Monitoring during Reporting Period

Monitoring Location	Type of works
Portion A	Excavation Works
Portion B2/E1	

7.3 Monitoring Equipment

7.3.1.1 Gas Detector was used for carrying out LFG monitoring for Construction Works. **Table 7-2** summarises the equipment that were used in the LFG monitoring programme. The calibration certificates are shown in **Appendix E**. The detection limits are provided in **Table 7-3**.

Table 7-2 LFG Monitoring Equipment

Monitoring Parameters	Equipment	Model
CH_4, CO_2 & O_2	Gas Analyser	Blackline Safety G7C-EU2 (S/N: 3571220922)

Table 7-3 Landfill Gas Monitoring Detection Limits

Parameters	Detection Limit
CH_4	1% LEL
O_2	0.1%
CO_2	0.1%

7.4 Event and Action Plan (EAP)

7.4.1 Should non-compliance of the criteria occur, action in accordance with the action plan in **Table 7-4** shall be carried out.

Table 7-4 Event and Action Plan for the Landfill Gas Monitoring during Construction Phase

Parameter	Monitoring Result	Action
Oxygen (O_2)	Action Level <19% O_2	Ventilate trench/void to restore O_2 to >19%
	Limit Level <18% O_2	Stop works Evacuate personnel/prohibit entry Increase ventilation to restore O_2 to >19%
Methane (CH_4)	Action Level >10% LEL*	Prohibit hot works Increase ventilation to restore CH_4 to <10% LEL
	Limit Level >20% LEL*	Stop works Evacuate personnel/prohibit entry Increase ventilation to restore CH_4 to <10% LEL
Carbon dioxide (CO_2)	Action Level** >0.5%** CO_2	Ventilate to restore CO_2 to <0.5%
	Limit Level >1.5% CO_2	Stop works Evacuate personnel / prohibit entry Increase ventilation to restore CO_2 to <0.5%

* LEL: Lower Explosive Limit - concentrations in air below which there is not enough fuel to continue an explosion.

** This Action Level of CO_2 at 0.5% is set for reference only, assuming no CO_2 emission from a particular location.

Depending on the baseline CO_2 levels, the Action Level at a particular location will be changed.

7.5 Monitoring Results

7.5.1 The LFG monitoring was carried out two rounds (at the beginning of works in the morning and after lunch) at the working days. The monitoring period of each round of LFG monitoring is around 5 minutes.

7.5.2 The LFG monitoring was conducted at Portion A +50 mpD to 70 mpD Platform & Portion B2/E1 during the reporting period (Conducted on working days). The LFG monitoring results are summarized in **Table 7-5 & 7.6**.

Table 7-5 Summary of LFG Monitoring Results

LFG Monitoring Station	Monitoring Date	Monitoring Parameter(s)			
		CH_4 in %	LEL in %/v	CO_2 in %	O_2 in %
		Average Monitoring Results			
Portion A +50 mpD to 70 mpD Platform	2 Mar 2026	0	0	0	20.1
	4 Mar 2026	0	0	0	20.5
	5 Mar 2026	0	0	0	20.1
	6 Mar 2026	0	0	0	20.1
	7 Mar 2026	0	0	0	20.1
	9 Mar 2026	0	0	0	20.1
	10 Mar 2026	0	0	0	20.1
	11 Mar 2026	0	0	0	20.1
	12 Mar 2026	0	0	0	20.1
	13 Mar 2026	0	0	0	20.1
	14 Mar 2026	0	0	0	20.1
	16 Mar 2026	0	0	0	20.4
	17 Mar 2026	0	0	0	20.1
	18 Mar 2026	0	0	0	20.1
	19 Mar 2026	0	0	0	20.2
	20 Mar 2026	0	0	0	20.1
	21 Mar 2026	0	0	0	20.1
	23 Mar 2026	0	0	0	20.1
	24 Mar 2026	0	0	0	20.2
	25 Mar 2026	0	0	0	20.9
	26 Mar 2026	0	0	0	20.0
	27 Mar 2026	0	0	0	20.2
	28 Mar 2026	0	0	0	20.1
	30 Mar 2026	0	0	0	20.1
	31 Mar 2026	0	0	0	20.4
Action Level		>10% LEL	---	>0.5%** CO_2	<19%
Limit Level		>20% LEL	---	>1.5% CO_2	<18%

* LEL: Lower Explosive Limit - concentrations in air below which there is not enough fuel to continue an explosion.

** This Limit Level of CO_2 at 0.5% is set for reference only, assuming no CO_2 emission from a particular location.

Table 7-6 Summary of LFG Monitoring Results

LFG Monitoring Station	Monitoring Date	Monitoring Parameter(s)			
		CH_4 in %	LEL in %/v	CO_2 in %	O_2 in %
		Average Monitoring Results			
Portion B2/E1	2 Mar 2026	0	0	0	20.1
	4 Mar 2026	0	0	0	20.1
	5 Mar 2026	0	0	0	20.1
	6 Mar 2026	0	0	0	20.1
	7 Mar 2026	0	0	0	20.1
	9 Mar 2026	0	0	0	20.1
	10 Mar 2026	0	0	0	20.5
	11 Mar 2026	0	0	0	20.1
	12 Mar 2026	0	0	0	20.1
	13 Mar 2026	0	0	0	20.4
	14 Mar 2026	0	0	0	20.1
	16 Mar 2026	0	0	0	20.1
	17 Mar 2026	0	0	0	20.1
	18 Mar 2026	0	0	0	20.2
	19 Mar 2026	0	0	0	20.1
	20 Mar 2026	0	0	0	20.0
	21 Mar 2026	0	0	0	20.1
	23 Mar 2026	0	0	0	20.0
	24 Mar 2026	0	0	0	19.9
	25 Mar 2026	0	0	0	20.1
	26 Mar 2026	0	0	0	20.1
	27 Mar 2026	0	0	0	20.1
	28 Mar 2026	0	0	0	20.4
	30 Mar 2026	0	0	0	20.9
	31 Mar 2026	0	0	0	20.2
Action Level		>10% LEL	---	>0.5%** CO_2	<19%
Limit Level		>20% LEL	---	>1.5% CO_2	<18%

* LEL: Lower Explosive Limit - concentrations in air below which there is not enough fuel to continue an explosion.

** This Limit Level of CO_2 at 0.5% is set for reference only, assuming no CO_2 emission from a particular location.

7.5.3 The Summary of Landfill Gas Exceedance are shown in **Table 7-7**.

Table 7-7 Summary of Landfill Gas Exceedance during the Reporting Period

Landfill Gas Monitoring Station		Portion A +50 mpD to 70 mpD Platform		Portion B2/E1	
Level Exceedance / Parameters		Action Level	Limit Level	Action Level	Limit Level
CH_4	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
CO_2	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
O_2	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks: * equal to non-project related

7.5.4 No exceedance of Action and Limit Levels of LFG was recorded during the reporting period. Therefore, there was no record of Notification of Environmental Quality Limits Exceedance in the **Appendix H**.

7.5.5 No effect that arose from the other special phenomena and work progress of the concerned site was noted during the current monitoring month.

7.6 Recommended Mitigation Measures

7.6.1 The recommended landfill gas mitigation measures from EIA report are listed as followed:

- Special LFG precautions should be taken due to close proximity of NENT landfill extension site to existing landfill to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity).
- Prominent safety warning signs should be erected on-site to alert all personnel and visitors of LFG hazards during excavation works.
- No smoking or burning should be permitted on-site.
- Prominent 'No smoking' and ‘No Naked Flames’ signs should be erected on-site.
- No worker should be allowed to work alone at any time in excavated trenches or confined areas on-site.
- Adequate fire fighting equipment should be provided on-site.
- Construction equipment should be equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors.
- Electrical motors and extension cords should be explosion-proof and intrinsically safe for use on-site.
- ’Permit to Work' system should be implemented.
- Welding, flame-cutting or other hot works should be conducted only under ‘Permit to Work’ system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works.

8 Landscape and Visual

8.1 Monitoring Requirement

8.1.1 In order to monitor the landscape and visual impact after providing mitigation measures effectively, all the specified and affected LCAs, LRs and VSRs should be monitored. Implementation of the mitigation measures during construction phase of the Project has been monitored through the regular site inspection/audit.

8.1.2 All relevant environmental mitigation measures listed in the approved EIA Report and the Updated EM&A Manual and their implementation status are summarised in **Appendix L**.

8.2 Result and Observation

8.2.1 Measures to mitigate the landscape and visual impacts during the construction phase has been checked to ensure compliance with the intended aims of the measures within the reporting period. The progress of the engineering works are regularly reviewed on site to identify the earliest practical opportunities for the landscape works to be undertaken.

8.2.2 In order to monitor the landscape and visual impact after providing mitigation measures effectively, all the specified and affected LCAs, LRs and VSRs should be monitored. Implementation of the mitigation measures during construction phase of the Project has been monitored through the regular site inspection/audit.

9 Cultural Heritage

9.1.1 The Mitigation measures for preservation of the cultural landscape feature located within the project area was conducted before commencement of construction of the project based on the requirement of Survey Report and Mapping Records for Boulder Paths BP1 & 2 & Conditions of G2, G4, G5 G6, G7, G8, G14, G15, G25, G26 and G27 within NENTX.

9.1.2 The survey and mapping works carried out on 23 August 2022 and the verification works carried out on 23 August 2022 confirmed that both 2 boulder paths BP1 and BP2 are fall outside the site boundary and the Project area.

9.1.3 All the affected graves within the waste boundary have been removed in accordance with section 119(1) of the Public Health and Municipal Services Ordinance (Cap 132). Removal of the graves as shown on Figure 2 attached to the FEP was proven by the visit of graves on 8 July 2022. All the graves as shown on Figure 2 attached to the FEP were abandoned and removed and no mitigation or preservation measures is necessary.

9.1.4 The Survey Report and Mapping Records for Boulder Paths BP1 & 2 was certified by ET on 10 Oct 2022, was verified by IEC and submitted to EPD on 12 Oct 2022. The Conditions of G2, G4, G5 G6, G7, G8, G14, G15, G25, G26 and G27 within NENTX was certified by ET, was verified by IEC and submitted to EPD on 15 Oct 2022. No later than four weeks before commencement of construction of the project in accordance with Condition 2.4 of the FEP-02/292/2007.

9.1.5 Implementation of the mitigation measures such as permanent fencing to protect the boulder path and setting up warning notices during construction phase of the Project has been monitored through the regular site inspection/audit. The permanent fencing locations are shown in **Appendix M**. In case of any presence of undiscovered grave during construction phase, AMO will be informed as soon as possible.

10 Ecological Monitoring

10.1.1 The post-transplantation monitoring had been completed in October 2023. No further post-transplantation monitoring will be conducted in accordance with the requirement of the approved Transplantation Proposal for Plant Species of Conservation Importance (Rev.1).

10.1.2 The post-translocation monitoring had been completed in July 2023. No further post-translocation monitoring will be conducted in accordance with the requirements of the Revised Translocation Proposal for the Endemic Freshwater Crab *Somanniathelphusa zanklon*.

10.1.3 The details of requirements, monitoring results and site inspection with photos for the post-translocation monitoring and post-transplantation monitoring would be reported separately.

10.1.4 The milestone of the ecological monitoring is presented in **Table 10-1.** The softcopies of the submissions are provided in https://www.nentx-ema.com/ep-submissions/.

Table 10-1 Milestone of the Ecological Monitoring

Type of Monitoring	Monitoring Event No.	Monitoring Date
Post-transplantation Monitoring	1st	24 Nov 2022
	2nd	9 Dec 2022
	3rd	21 Dec 2022
	4th	13 Jan 2023
	5th	26 Jan 2023
	6th	8 Feb 2023
	7th	24 Feb 2023
	8th	20 Mar 2023
	9th	21 Apr 2023
	10th	12 May 2023
	11th	16 Jun 2023
	12th	18 Jul 2023
	13th	11 Aug 2023
	14th	15 Sep 2023
	15 th	13 Oct 2023
Post-translocation Monitoring	1st (Aug 2022)	29 Aug 2022
	2nd (Sep 2022)	28 Sep 2022
	3rd (Oct 2022)	28 Oct 2022
	4th (Nov 2022)	22 Nov 2022
	5th (Dec 2022)	29 Dec 2022
	6th (Jan 2023)	30 Jan 2023
	7th (Feb 2023)	24 Feb 2023
	8th (Mar 2023)	20 Mar 2023
	9th (Apr 2023)	19 Apr 2023
	10th (May 2023)	17 May 2023
	11th (Jun 2023)	7 Jun 2023
	12th (Jul 2023)	12 Jul 2023

11 Site Inspection and Audit

11.1.1 Site Inspection and audits were carried out by ET on weekly basis to monitor the implementation of proper environmental management practices and mitigation measures in the Project Site.

11.1.2 Weekly ET environmental site inspections were conducted in the reporting period on 2, 9, 16, 23 & 30 March 2026. A joint environmental site inspection was carried out by the representatives of the ER, the Contractor, IEC and the ET on 16 March 2026. The joint environmental site inspection records are shown in **Appendix K**. There was no noncompliance recorded during the site inspections.

11.1.3 Major findings and recommendations are summarized as follows:

02 Mar 2026

Observation(s):

1. General refuse was found on the floor of Portion E4 & E3-1. The Contractor was recommended to remove the general refuse and provide the enclosed rubbish bins for general refuse collection.
2. C&D Materials was found on the floor of Portion A. The Contractor was advised to remove the C&D Materials and provide the waste skip for C&D Materials collection.
3. Generator without NRMM Label was found at Portion A. The Contractor was suggested to place the NRMM Label on the generator.
4. Standing water was found at Portion A. The Contractor was advised to direct the standing water into silt removal facilities for treatment.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

09 Mar 2026

Observation(s):

1. Water leak was found at the connection of water hose of Portion A. The Contractor was recommended to repair the connection of water hose of Portion A.
2. Chemicals without drip tray were found at Portion A. The Contractor was advised to provide drip tray under the chemical containers.
3. Accumulated waste was found at Portion B2, C & E3. The Contractor was suggested to remove accumulated waste at Portion B2, C & E3 and provide the waste skips for waste collection.
4. Access road at Portion E3 was dry and dust dispersion was found. The Contractor was advised to increase the frequency of watering at unpaved access road.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

16 Mar 2026

Observation(s):

1. Accumulated waste was found on the floor of Portion E4 and U-channel of Portion D. The Contractor was recommended to remove the accumulated waste on the floor and provide proper training for workers.
2. Access roads at Portion D and E4 were dry and dust dispersion was found. The Contractor was advised to provide enough water spraying at access roads.
3. Overloading of waste skips was found at Portion D & A. The Contractor was suggested to increase the frequency of waste collection and consider to increase the capacity of waste skip.
4. Chemical containers without drip tray were found at Portion D. The Contractor was advised to place the drip tray under the chemical containers.
5. Cement bags without covered by impervious sheet was found at Portion A. The Contractor was recommended that cement bags should be covered by impervious sheet.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

23 Mar 2026

Observation(s):

1. Dusty materials at 70 mPD Platform should be covered with impervious sheet. The Contractor was recommended to cover the dusty materials to avoid dust dispersion.
2. General refuse was found on the floor of Portion A. The Contractor was advised that general refuse should be collected by enclosed rubbish bins.
3. Access roads and works area at Shek Tsai Ha Road, Portion E3 and SBA was dry and dust dispersion was found. The Contractor was suggested to provide water spraying at access roads and works area.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

30 Mar 2026

Observation(s):

1. Food waste and standing water were found at the waste skip of Portion D. The Contractor was advised that food waste should be collected by enclosed rubbish bin and the cover should be increased for waste skip to avoid accumulating standing water.

Reminder(s):

1. Drip tray or impervious sheet should be placed under the work area when the work involves chemicals.

11.1.4 No general site inspection was conducted by Environmental Protection Department-Regional Office (North) (EPD-RNG) during the reporting period.

12 Environmental Non-Conformance

12.1 Summary of Monitoring Exceedance

Air Quality, Noise, Surface Water Quality & Landfill Gas Monitoring

12.1.1 No exceedance of the Action and Limit Levels were recorded at designated monitoring stations during the reporting period. The Notification of Environmental Quality Limits Exceedance is presented in **Appendix H**.

12.1.2 The Summary of Impact 1-hr & 24-hr TSP Exceedance are shown in **Table 12-1**.

Table 12-1 Summary of Impact 1-hr & 24-hr TSP Exceedance during the Reporting Period

Dust Monitoring Station		AM1		AM2		AM3	
Parameters / Level Exceedance		Action Level	Limit Level	Action Level	Limit Level	Action Level	Limit Level
1-hr TSP	Exceedance Date	-	-	-	-	-	-
	Exceedance Count	0	0	0	0	0	0
24-hr TSP	Exceedance Date	-	-	-	-	-	-
	Exceedance Count	0	0	0	0	0	0

Remarks: * equal to non-project related

12.1.3 The Summary of Impact Noise Exceedance are shown in **Table 12-2**.

Table 12-2 Summary of Impact Noise Exceedance during the Reporting Period

Noise Monitoring Station		NM1a		NM2a	
Parameters / Level Exceedance		Action Level	Limit Level	Action Level	Limit Level
LA_{eq}(30mins)	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks:

(1) * equal to non-project related after the investigation.

(2) # equal to the complaint under the investigation.

12.1.4 The Summary of Impact Surface Water Quality Exceedance are shown in **Table 12-3**.

Table 12-3 Summary of Impact Surface Water Quality Exceedance during the Reporting Period

Surface Water Quality Monitoring Station		WM1		WM2	
Parameters \ Level Exceedance		Action Level	Limit Level	Action Level	Limit Level
pH	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
DO	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
Turbidity	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
SS	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks: * equal to non-project related

12.1.5 The Summary of Landfill Gas Exceedance are shown in **Table 12-4**.

Table 12-4 Summary of Landfill Gas Exceedance during the reporting period

Landfill Gas Monitoring Station		Portion A +50 mpD to 70 mpD Platform		Portion B2/E1	
Parameters \ Level Exceedance		Action Level	Limit Level	Action Level	Limit Level
CH_4	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
CO_2	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0
O_2	Exceedance Date	-	-	-	-
	Exceedance Count	0	0	0	0

Remarks: * equal to non-project related

12.2 Summary of Environmental Non-Compliance

12.2.1 No non-compliance event was recorded during the reporting period.

12.3 Summary of Environmental Complaint

12.3.1 No environmental complaint was recorded during the reporting period. The cumulative statistics on environmental complaints are presented in **Table 12-5**.

Table 12-5 Cumulative Statistics on Environmental Complaints

Reporting Period		Environmental Aspects				
		Air Quality	Noise	Water Quality	Waste	Ecology
Mar 2026	Complaint Date	-	-	-	-	-
	No. of Complaint	0	0	0	0	0
Reporting Period Total		0	0	0	0	0
Accumulate of project		2*	2*	7(2*)	0	0

Remarks:

1. * equal to non-project related after the investigation.

12.3.2 Cumulative complaint / enquiry log, Summaries of complaints and enquiries are presented in **Appendix N**.

12.4 Summary of Environmental Summons and Successful Prosecution

12.4.1 No summons and successful prosecution were received during the reporting period.

13 Implementation Status on Environmental Mitigation Measures

13.1 General

13.1.1 The Contractor has generally implemented part of environmental mitigation measures and requirements as stated in the EIA Report, the EP and Updated EM&A Manual and the contract documents. The implementation status during the reporting period is summarized in **Appendix L**.

14 Future Key Issues

14.1 Key Issues for the Coming Month

14.1.1 Works to be undertaken for the coming monitoring periods are summarized below. Detailed construction activities and locations are summarized in **Appendix A**.

-	Material loading and unloading, backfilling of material and site traffic at Portion A, SBA to alternative disposal ground
-	Construction of site buildings at Portion D
-	Site clearance at Portion A, B2/E1, E3-1 & E4
-	Installation of permanent fencing at Portion A, B1 & E4
-	Site formation at Portion A, B2/E1, E3-1 & E4
-	Tree felling at whole site
-	Shotcreting (Permanent and Temporary) at whole site
-	Soil nail installation at Portion A, B2/E1 & E4
-	Construction of RE wall at Portion E3-1
-	Leachate plant installation at Portion A
-	Linear installation at landfill area
-	LFG plant installation at Portion A

14.1.2 Potential environmental impacts arising from the above construction activities are mainly associated with air quality, construction noise, water quality, waste management, landfill gas monitoring, landscape and visual, cultural heritage and ecology.

14.2 Monitoring Schedule for the Next Month

14.2.1 The tentative schedule of environmental monitoring for the next reporting period is presented in **Appendix D**.

14.3 Construction Programme for the Next Month

14.3.1 The most updated construction programme for the Project is presented in **Appendix A**.

15 Conclusion

15.1.1 1-hr & 24-hr TSP impact monitoring was carried out in the reporting month. No Action / Limit Level exceedance for 1-hr & 24-hr TSP impact monitoring was recorded during the reporting period.

15.1.2 Construction noise monitoring was carried out in the reporting month. No Action / Limit Level exceedance for noise impact monitoring was recorded during the reporting period.

15.1.3 The baseline groundwater monitoring was commenced on 28 March 2025. The details of baseline groundwater monitoring will be presented in the Baseline Monitoring Report.

15.1.4 Surface Water Quality Monitoring was carried out in the reporting month. No Action / Limit Level exceedance of surface water quality was recorded at WM1 & WM2 during the reporting period.

15.1.5 Landfill Gas Monitoring was carried out in the reporting month. No exceedance of Action / Limit Levels of LFG was recorded during the reporting period.

15.1.6 In terms of cultural heritage, implementation of the mitigation measures such as permanent fencing to protect the boulder path and setting up warning notices during construction phase of the Project has been monitored through the regular site inspection/audit in the reporting period. All the mitigation measures are in order.

15.1.7 Weekly environmental site inspections were carried out in the reporting month. Recommendations on mitigation measures for Permit/ Licenses were given to the Contractor for remediating the deficiencies identified during the site inspections.

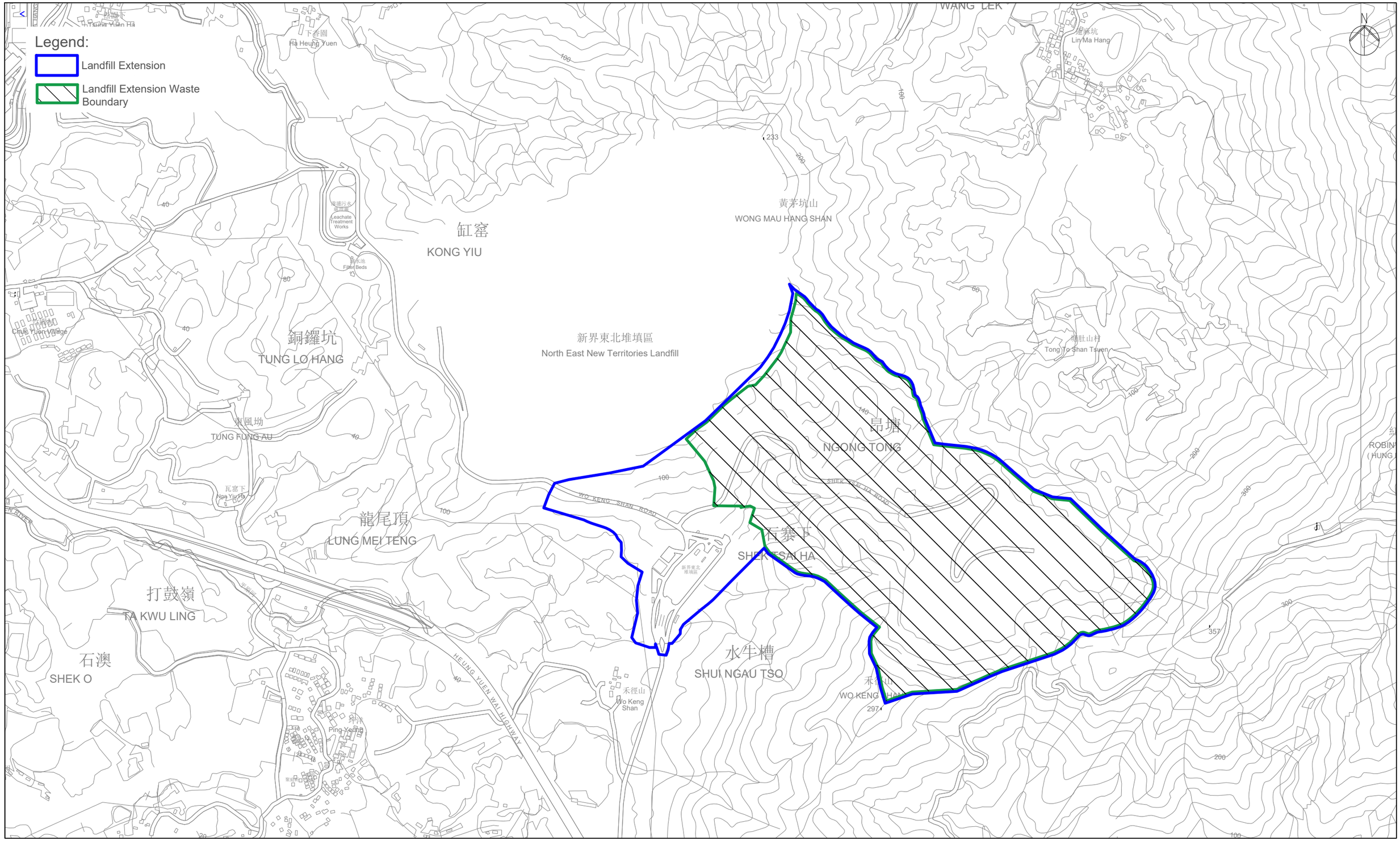
15.1.8 No environmental complaint was recorded during the reporting period.

15.1.9 No non-compliance event was recorded during the reporting period.

15.1.10 No notification of summons and prosecution was received during the reporting period.

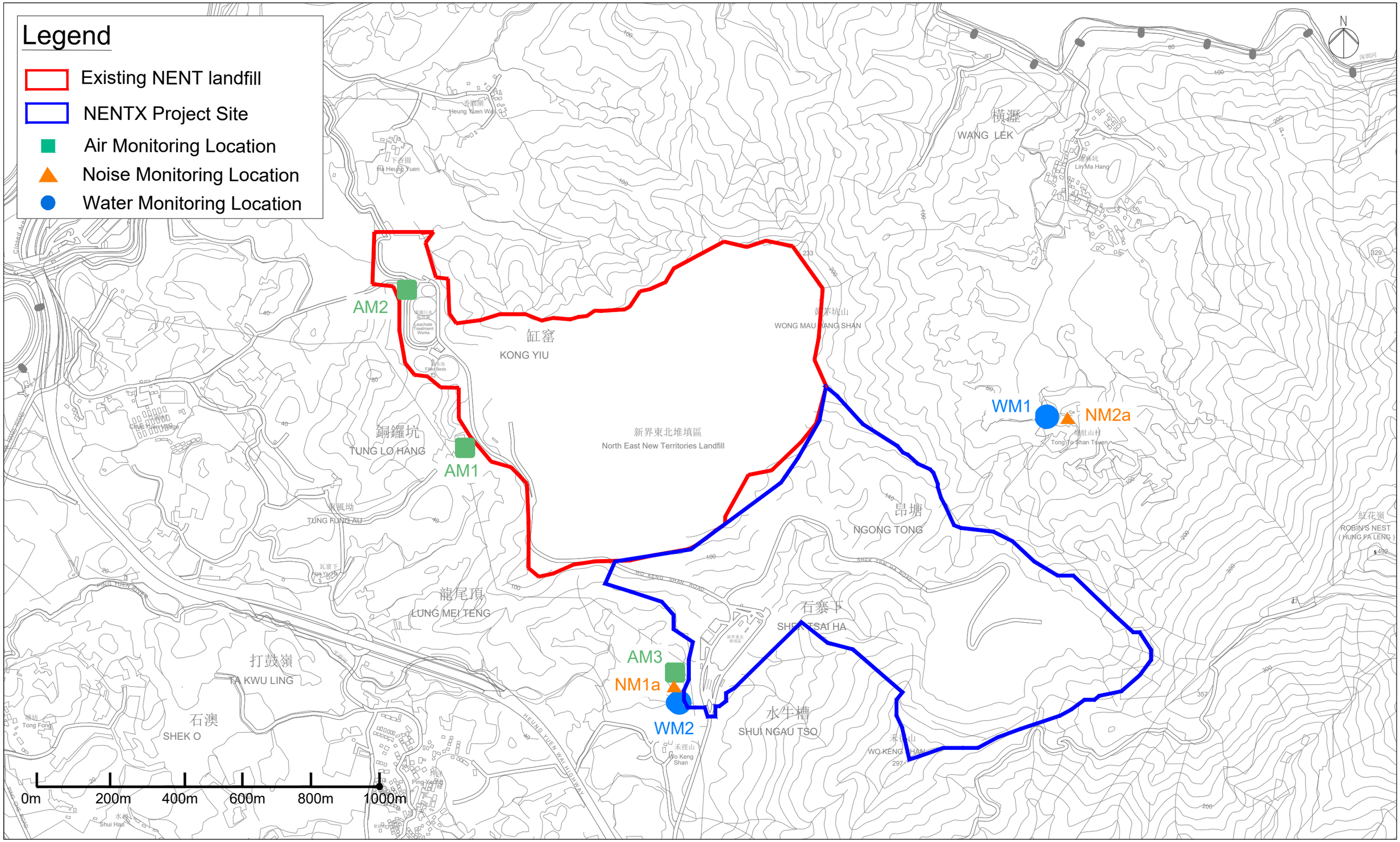
15.1.11 The ET will keep track on the EM&A programme to ensure compliance of environmental requirements and the proper implementation of all necessary mitigation measures.

Figure 1 Location of the Project Site



Aurecon Hong Kong Limited	North-East New Territories (NENT) Landfill Extension Location Plan of the Project Site	Figure 1.1 Scale: 1:10000

Figure 2 Impact Air Quality, Noise & Surface Water Quality Monitoring Locations

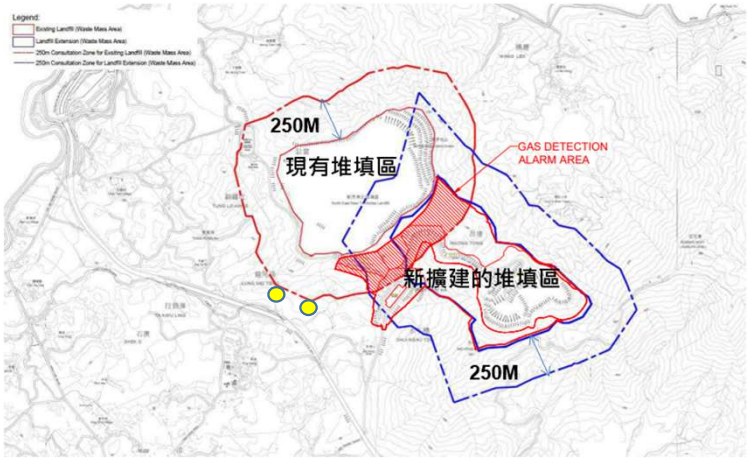


aurecon Aurecon Hong Kong Limited	North East New Territories (NENT) Landfill Extension Impact Monitoring Location	Figure 2

Figure 3 Landfill Gas Monitoring Locations

Gas Monitoring Point

Monitoring Frequency: 2 times per day



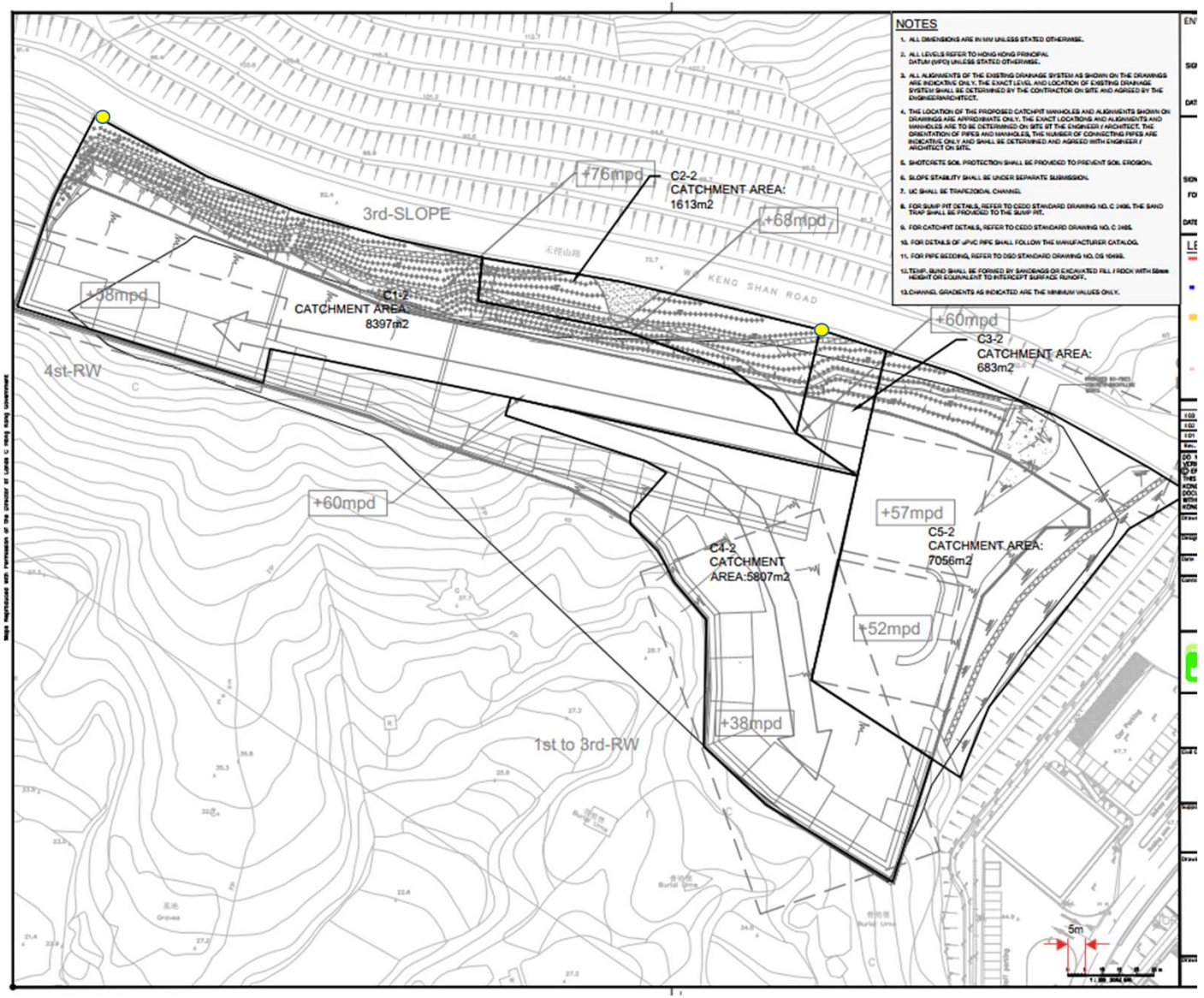


Figure 3 Landfill Gas Monitoring Locations

Gas Monitoring Point

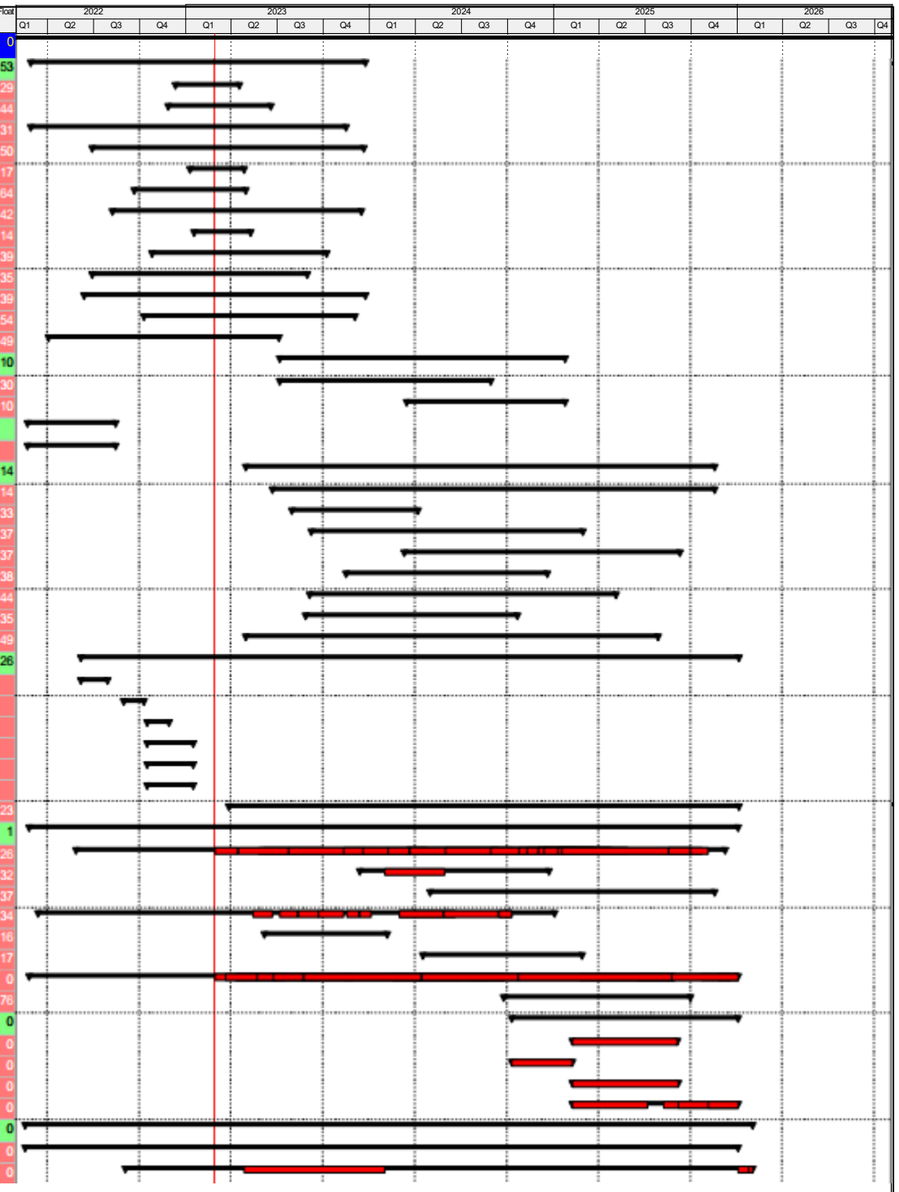
Monitoring Frequency:
2 times per day



Figure 3 Landfill Gas Monitoring Locations

Appendix A Construction Programme & Construction Activities

Activity ID	Activity Name	At Completion Duration	Actual Start	Actual Finish	Early Start	Early Finish	Late Start	Late Finish	Predecessors	Successors	Total Float
NENTX_Updated Baseline Programme (Rev.4)		1826	25-Jan-22 A	25-Jan-27	28-Feb-23	25-Jan-27	28-Feb-23	25-Jan-27			0
DESIGN DEVELOPMENT		666	28-Feb-22 A	25-Dec-23	28-Feb-23	25-Dec-23	02-Mar-23	16-Feb-24			53
Portion A - Site Formation		91	12-Dec-22 A	17-Apr-23	28-Feb-23	17-Apr-23	07-Apr-23	26-May-23			29
Portion A & D Architectural Design		205	28-Nov-22 A	20-Jun-23	28-Feb-23	20-Jun-23	14-Mar-23	03-Aug-23			44
Portion A - Leachate Treatment Works & LFG Treatment Plant		626	28-Feb-22 A	15-Nov-23	28-Feb-23	15-Nov-23	05-Apr-23	16-Dec-23			31
Portion A - Process Building		540	30-Jun-22 A	21-Dec-23	28-Feb-23	21-Dec-23	04-Apr-23	09-Feb-24			50
Portion D Site Formation		109	10-Jan-23 A	28-Apr-23	04-Apr-23	28-Apr-23	20-Apr-23	15-May-23			17
Portion A and D Preliminary Utilities Arrangement		159	21-Sep-22 A	01-May-23	28-Feb-23	01-May-23	26-May-23	28-Jul-23			64
Site services detailed design for Portion A and D		496	09-Aug-22 A	17-Dec-23	28-Feb-23	17-Dec-23	11-Apr-23	28-Jan-24			42
Permanent Drainage - Portion A, C & D		80	19-Jan-23 A	10-May-23	28-Feb-23	10-May-23	20-Mar-23	30-May-23			14
Sewerage Management Plan - Portion A, C & D		249	26-Oct-22 A	09-Oct-23	25-Apr-23	09-Oct-23	19-Jun-23	01-Dec-23			39
Pavement Road and Traffic Design for Portoin A & D		306	30-Jun-22 A	31-Aug-23	06-Jul-23	31-Aug-23	24-Aug-23	19-Oct-23			35
Accommodation Buildings (Portion D)		401	13-Jun-22 A	25-Dec-23	28-Feb-23	25-Dec-23	08-Mar-23	16-Feb-24			39
Existing Structures (Portion C)		301	10-Oct-22 A	04-Dec-23	28-Feb-23	04-Dec-23	06-May-23	16-Feb-24			54
Landfill Area		457	04-Apr-22 A	05-Jul-23	28-Feb-23	05-Jul-23	02-Mar-23	23-Aug-23			49
FS Submisson and FSD Consent		406	07-Jul-23	24-Jan-25	07-Jul-23	24-Jan-25	21-Jul-23	07-Feb-25			10
Preliminary FS Submission		300	07-Jul-23	29-Aug-24	07-Jul-23	29-Aug-24	21-Jul-23	11-Oct-24			30
Process Building and Fire Services Building Detailed Design FS Submission		226	15-Mar-24	24-Jan-25	15-Mar-24	24-Jan-25	29-Mar-24	07-Feb-25			10
TECHNICAL SUBMISSION		125	22-Feb-22 A	16-Aug-22 A							
Project Control Plan and Report		125	22-Feb-22 A	16-Aug-22 A							
PROCUREMENT / FABRICATION / DELIVERY		933	01-May-23	18-Nov-25	01-May-23	18-Nov-25	18-Jun-23	03-Dec-25			14
General Material		880	23-Jun-23	18-Nov-25	23-Jun-23	18-Nov-25	07-Jul-23	03-Dec-25			14
LIFT		250	31-Jul-23	06-Apr-24	31-Jul-23	06-Apr-24	03-Sep-23	09-May-24			33
LTW - GFS and GRP Tanks		540	07-Sep-23	28-Feb-25	07-Sep-23	28-Feb-25	14-Oct-23	06-Apr-25			37
LTW - Lamella Settlers		550	10-Mar-24	10-Sep-25	10-Mar-24	10-Sep-25	15-Apr-24	17-Oct-25			37
LTW - Sludge Thicknening		400	16-Nov-23	20-Dec-24	16-Nov-23	20-Dec-24	24-Dec-23	27-Jan-25			38
LTW - Ammonia Stripper		610	04-Sep-23	06-May-25	04-Sep-23	06-May-25	19-Oct-23	20-Jun-25			44
Process Building(Electrial equipments)		420	28-Aug-23	21-Oct-24	28-Aug-23	21-Oct-24	03-Oct-23	25-Nov-24			35
LFG Plant		820	01-May-23	28-Jul-25	01-May-23	28-Jul-25	18-Jun-23	15-Sep-25			49
EPD REQUIREMENT - GI WORKS		1309	07-Jun-22 A	05-Jan-26	28-Mar-23	05-Jan-26	27-Apr-23	31-Jan-26			26
PORTION D		45	07-Jun-22 A	30-Jul-22 A							
PORTION A		32	31-Aug-22 A	11-Oct-22 A							
PORTION E3-1		38	17-Oct-22 A	30-Nov-22 A							
PORTION E4		76	17-Oct-22 A	17-Jan-23 A							
PORTION E3-1-A		76	17-Oct-22 A	17-Jan-23 A							
PORTION E1		76	17-Oct-22 A	17-Jan-23 A							
ENVIRONMENTAL MONITORING		821	28-Mar-23	05-Jan-26	28-Mar-23	05-Jan-26	27-Apr-23	31-Jan-26			23
CONSTRUCTION - INITIAL WORKS PHASE 1		1409	24-Feb-22 A	03-Jan-26	28-Feb-23	03-Jan-26	28-Feb-23	03-Jan-26			1
PORTION A		1291	28-May-22 A	08-Dec-25	28-Feb-23	08-Dec-25	28-Feb-23	03-Jan-26			26
SITEWIDE Underground UTILITIES (Portion A to Portion D)		302	14-Dec-23	23-Dec-24	14-Dec-23	23-Dec-24	02-Feb-24	08-Feb-25			32
Waste Reception Area (PORTION C) Construct by Others		460	02-May-24	18-Nov-25	02-May-24	18-Nov-25	27-May-24	03-Jan-26			37
PORTION D		1028	14-Mar-22 A	04-Jan-25	28-Feb-23	04-Jan-25	04-Mar-23	08-Feb-25			34
PORTION D - Underground Drainage / UG Utilities and Pipe Laying Works		200	07-Jun-23	05-Feb-24	07-Jun-23	05-Feb-24	28-Jun-23	01-Mar-24			16
PORTION D - EVA Road Road Pavement Works		257	16-Apr-24	27-Feb-25	16-Apr-24	27-Feb-25	07-May-24	19-Mar-25			17
Landfill Area (Portion E3-1, E4, E1, B1-1 & B2)		1409	24-Feb-22 A	03-Jan-26	28-Feb-23	03-Jan-26	28-Feb-23	03-Jan-26			0
Landscape Works (Landfill)		300	24-Sep-24	30-Sep-25	24-Sep-24	30-Sep-25	27-Dec-24	03-Jan-26			76
FS INSPECTION		450	11-Oct-24	04-Jan-26	11-Oct-24	04-Jan-26	11-Oct-24	04-Jan-26			0
Portion A - Readiness for FS inspection (Process Building)		210	07-Feb-25	05-Sep-25	07-Feb-25	05-Sep-25	08-Feb-25	06-Sep-25			0
Portion D : Readiness for FS inspection		120	11-Oct-24	08-Feb-25	11-Oct-24	08-Feb-25	11-Oct-24	08-Feb-25			0
2nd Inspection		210	07-Feb-25	06-Sep-25	07-Feb-25	06-Sep-25	08-Feb-25	06-Sep-25			0
FS Inspection Certificate		330	08-Feb-25	04-Jan-26	08-Feb-25	04-Jan-26	08-Feb-25	04-Jan-26			0
STATUTORY SUBMISSION		1446	16-Feb-22 A	01-Feb-26	28-Feb-23	01-Feb-26	02-Mar-23	01-Feb-26			0
Obtain Licences & Permits for Construction		1418	16-Feb-22 A	03-Jan-26	28-Feb-23	03-Jan-26	02-Mar-23	04-Jan-26			0
Obtain Licences & Permits for Operation		1246	04-Sep-22 A	01-Feb-26	28-Feb-23	01-Feb-26	15-Mar-23	01-Feb-26			0



環境保護署
Environmental Protection Department

Remaining Level of Effort
Remaining Work
Critical Remaining Work
Milestone
Summary

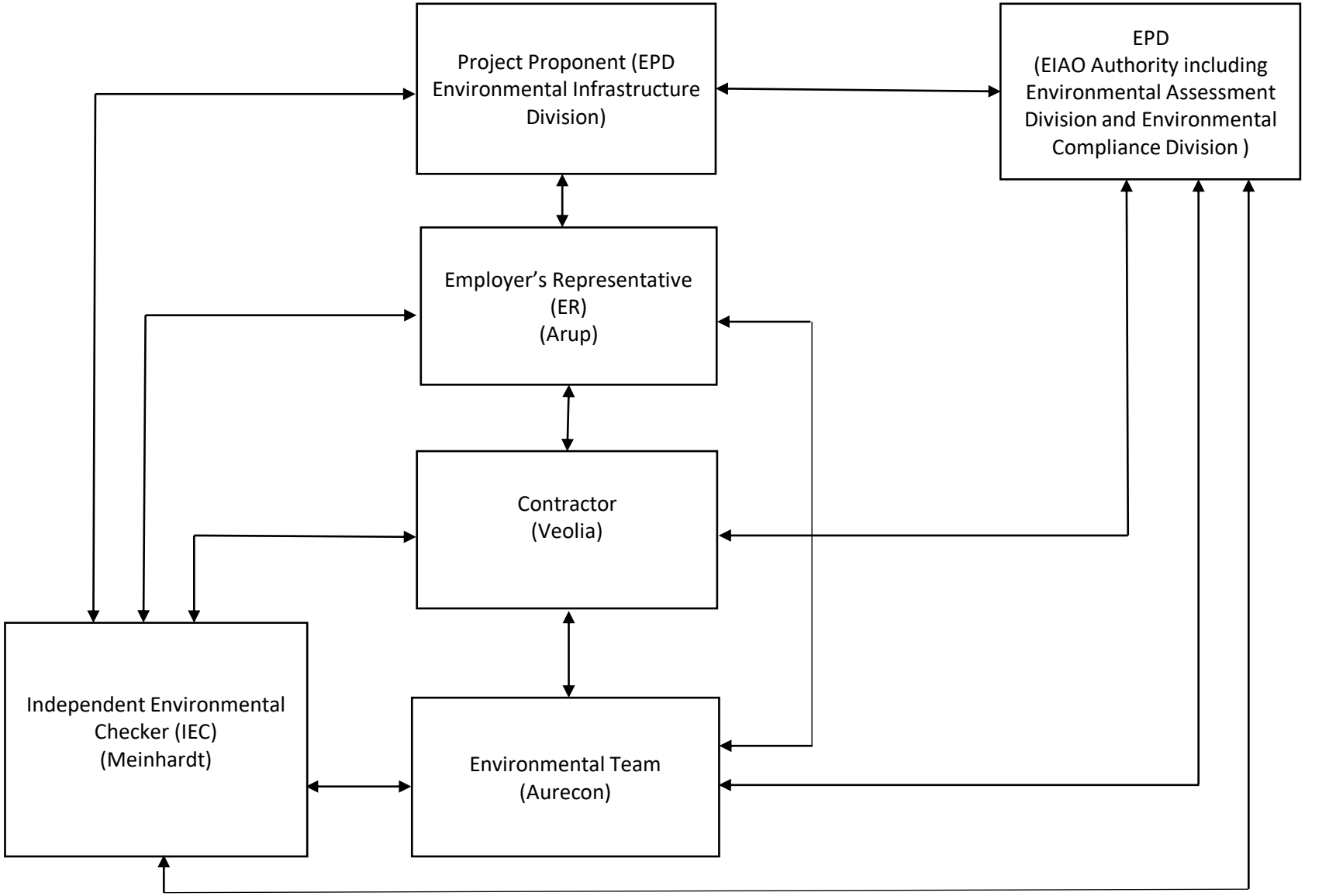
NORTH EAST NEW TERRITORIES (NENTX) LANDFILL EXTENSION
UPDATED BASELINE PROGRAMME (Rev.4)
Ececutive Summary
INITIAL WORKS (PHASE 1)

VEOLIA

Date	Revision	Ch...	Appr...
22-Jun-22	GENERAL REVISION		
31-Mar-23	GENERAL REVISION		

Construction Activities	Where	Who	What - ENV Impacts	Mitigation Measures
Material loading and unloading, backfilling of material, site traffic	Portion A, SBA to Alternative Disposal Ground	PCL	Dust, bringing mud to the common haul road	Speed limit, covering of materials and water spraying, lorry washing at the exit of the site
Construction of Site buildings	Portion D	PCL	Washout flowing to site water discharge point, dust emissions	Avoid the spillage of concrete, lorry washing at designated area, operation and maintenance of water treatment facility at discharge point
Site clearance	Portion A, Portion E3-1, Portion E4, Portion E1/B2	PCL	Wash out going to surface water channel and site water discharge point, generation of yard waste	Cover exposed slope by tarpaulin, diversion of surface water, operation and maintenance of water treatment facility at discharge point, implementation of trip ticket system
Installation of permanent fencing	Portion A, Portion B1, Portion E4	PCL	Dust	Covering of cement storage area, enclosure of mixing area
Site formation	Portion A, Portion E3-1, Portion E4, Portion E1/B2	PCL	Generation of C&D waste	Implementation of trip ticket system, waste recycling, internal waste transfer
Tree Felling	Whole site	PCL	Generation of yard waste	Implementation of trip ticket system, waste recycling, internal waste transfer
Shotcreting (permanent and temporary)	Whole site	PCL	Dust	Covering of cement storage area, enclosure of mixing area
Soil Nail Installation	Portion A, E1/B2, E4	PCL	Dust	Covering of cement storage area, enclosure of mixing area, watering during works, install dust screen at work area
Construction of RE Wall	Portion E3-1	PCL	Dust	Regular watering
Leachate Plant installation	Portion A	ATAL	Noise, Waste generation	Noise mitigation when required, implementation of trip ticket system, waste recycling
Liner installation	Landfill area	ESCL	waste generation	implementation of trip ticket system, waste recycling
LFG plant installation	Portion A	REC	Noise, Waste generation	Noise mitigation when required, implementation of trip ticket system, waste recycling

Appendix B Project Organization Chart & Management Structure



Notes:
EPD - Environmental Protection Department
Arup – Ove Arup & Partners Limited
Veolia - Veolia Environmental Services Hong Kong Limited
Meinhardt - Meinhardt Infrastructure And Environment Limited
Aurecon - Aurecon Hong Kong Limited

Line of Communication

Appendix C Detail Status of FEP & EP Submission

Detail Status of Submissions required under the FEP & EP

FEP Condition	EP Condition	Submission / Measures	Status
2.1	2.3	Management Organization of Main Construction Companies	Submission Date (12 Oct 2022)
2.2	2.4	Setting up of Community Liaison Group (CLG)	Submission Date (12 Oct 2022) 1st CLG meeting (12 Jan 2023)
2.3	2.5	Submission of EM&A Manual	Submission Date (12 Oct 2022)
2.4	2.6	Submission of Preservation of Cultural Landscape Features	Survey and Preservation of Grave Records: Submission Date (15 Oct 2022) Survey and Preservation of Boulder Paths: Submission Date (12 Oct 2022)
2.5	2.7	Submission of Vegetation Survey (Transplantation Proposal)	Submission Date (2 Sep2022)
2.6	2.8	Submission of translocation proposal	Submission Date (8 Jul 2022)
2.7	2.9	Submission of Transplantation Report and Post-Transplantation Monitoring	Submission Date (19 Jan 2023) 1st monitoring (24 Nov 2022) 2nd monitoring (9 Dec 2022) 3rd monitoring (21 Dec 2022) 4th monitoring (13 Jan 2023) 5th monitoring (26 Jan 2023) 6th monitoring (8 Feb 2023) 7th monitoring (24 Feb 2023) 8th monitoring (20 Mar 2023) 9th monitoring (21 Apr 2023) 10th monitoring (12 May 2023) 11th monitoring (16 Jun 2023) 12th monitoring (18 Jul 2023) 13th monitoring (11 Aug 2023) 14th monitoring (15 Sep 2023) 15th monitoring (13 Oct 2023)

FEP Condition	EP Condition	Submission / Measures	Status
2.8	2.10	Submission of Translocation Report and Post-Translocation Monitoring	Translocation was carried out in July 2022 Submission Date (27 Dec 2022) 1st monitoring (29 Aug 2022) 2nd monitoring (28 Sep 2022) 3rd monitoring (28 Oct 2022) 4th monitoring (22 Nov 2022) 5th monitoring (29 Dec 2022) 6th monitoring (30 Jan 2023) 7th monitoring (24 Feb 2023) 8th monitoring (20 Mar 2023) 9th monitoring (19 Apr 2023) 10th monitoring (17 May 2023) 11th monitoring (7 Jun 2023) 12th monitoring (12 Jul 2023)
2.9	2.11	Submission of Detailed Landfill Gas Hazard Assessment Report	Submission Date (6 Oct 2022)
2.10	2.12	Submission of Waste Management Plan	Submission Date (30 Dec 2022)
2.11	2.13	Submission of Landscape Plan	Submission Date (31 May 2023)
3.2	3.2	Submission of Baseline Monitoring Report	Submission Date (30 Nov 2022)

FEP Condition	EP Condition	Submission / Measures	Status
3.3	3.3	Submission of Monthly EM&A Report	1st report (Dec 2022) 2nd report (Jan 2023) 3rd report (Feb 2023) 4th report (Mar 2023) 5th report (Apr 2023) 6th report (May 2023) 7th report (Jun 2023) 8th report (Jul 2023) 9th report (Aug 2023) 10th report (Sep 2023) 11th report (Oct 2023) 12th report (Nov 2023) 13th report (Dec 2023) 14th report (Jan 2024) 15th report (Feb 2024) 16th report (Mar 2024) 17th report (Apr 2024) 18th report (May 2024) 19th report (Jun 2024) 20th report (Jul 2024) 21st report (Aug 2024) 22nd report (Sep 2024) 23rd report (Oct 2024) 24th report (Nov 2024) 25th report (Dec 2024) 26th report (Jan 2025) 27th report (Feb 2025) 28th report (Mar 2025) 29th report (Apr 2025) 30th report (May 2025) 31st report (Jun 2025) 32nd report (Jul 2025) 33rd report (Aug 2025) 34th report (Sep 2025) 35th report (Oct 2025) 36th report (Nov 2025) 37th report (Dec 2025) 38th report (Jan 2026) 39th report (Feb 2026) 40th report (Mar 2026)

Appendix D Monitoring Schedule for Reporting Month & Next Month

3-2026						
Sun	Mon	Tue	Wed	Thur	Fri	Sat
1	2 Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	3	4	5	6	7 Air quality monitoring at AM1, AM2 and AM3
8	9	10	11	12	13 Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a Surface water quality monitoring at WM1 & WM2	14
15	16	17	18	19 Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	20	21
22	23	24	25 Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	26	27	28
29	30	31 Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a				

Remark:
1. The schedule is tentative only and would be subject to changes due to unforeseen circumstances.
2. Air quality monitoring includes 1-hour TSP and 24-hour TSP monitoring at AM1, AM2 and AM3 (Ref.: Table 3.1 of the approved EM&A Manual).
3. Noise monitoring includes 30-minute construction noise monitoring at NM1a and NM2a (Ref.: Table 4.1 of the approved EM&A Manual).
4. Surface water quality monitoring includes in-situ measurement and water sampling for laboratory analysis at WM1 and WM2 (Ref.: Table 5.5 and Section 5.5.6 of the approved EM&A Manual).
5. Please arrange a Veolia staff to accompany our staff(s) to each locations for every monitoring.

3-2026						
Sun	Mon	Tue	Wed	Thur	Fri	Sat
			1	**2** Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	**3**	**4**
5	**6**	**7**	**8** Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	**9**	**10**	**11**
12	**13**	**14** Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a Surface water quality monitoring at WM1 & WM2	**15**	**16**	**17**	**18**
19	**20** Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	**21**	**22**	**23**	**24**	**25** Air quality monitoring at AM1, AM2 and AM3
26	**27**	**28**	**29**	**30** Air quality monitoring at AM1, AM2 and AM3 Noise monitoring at NM1a and NM2a	**1**	

Remark:

1. The schedule is tentative only and would be subject to changes due to unforeseen circumstances.
2. Air quality monitoring includes 1-hour TSP and 24-hour TSP monitoring at AM1, AM2 and AM3 (Ref.: Table 3.1 of the approved EM&A Manual).
3. Noise monitoring includes 30-minute construction noise monitoring at NM1a and NM2a (Ref.: Table 4.1 of the approved EM&A Manual).
4. Surface water quality monitoring includes in-situ measurement and water sampling for laboratory analysis at WM1 and WM2 (Ref.: Table 5.5 and Section 5.5.6 of the approved EM&A Manual).
5. Please arrange a Veolia staff to accompany our staff(s) to each locations for every monitoring.

Appendix E Calibration Certificates

Air Quality

Aurecon Hong Kong Limited
Unit 1608, 16/F, Tower B, Manulife Financial Centre,
223 – 231 Wai Yip Street, Kwun Tong,
Kowloon Hong Kong S. A. R

Certification of Calibration

Information of Unit-under-test (UUT)

Date of Calibration:	**15-Feb-26**	Next Calibration Date:	**15-Feb-27**
UUT Manufacturer:	SIBATA Scientific Technology Ltd	UUT Model No.:	LD-5R
UUT Serial No.:	0Z4545	Report Reference No.:	RPT-25-HVS-040-26
Calibration Location:	W-A6, Man Cheong Building		

Information of Reference Equipment

Reference Equipment Manufacturer:	Tisch Environmental	Tisch Environmental
Reference Equipment Model No.:	TE-5170X	TE-5025A
Reference Equipment Serial No.:	1050	4166
Last Calibration Date:	4-Feb-26	8-May-25
Next Calibration Date:	18-Feb-26	8-May-26

Calibration of 1-Hour TSP Result

Calibration Point	Results from UUT	Results from Standard Equipment
	Mass Concentration (µg/m^3) X-axis	Reference Concentration (µg/m^3) Y-axis
1	74	83
2	58	65
3	49	55
4	54	60
5	23	37
6	10	17
Average	45	53

Linear Regression of Y on X

Slope, mv: **0.9621** Intercept: **9.8590** *Correlation Coefficient: **0.9919**

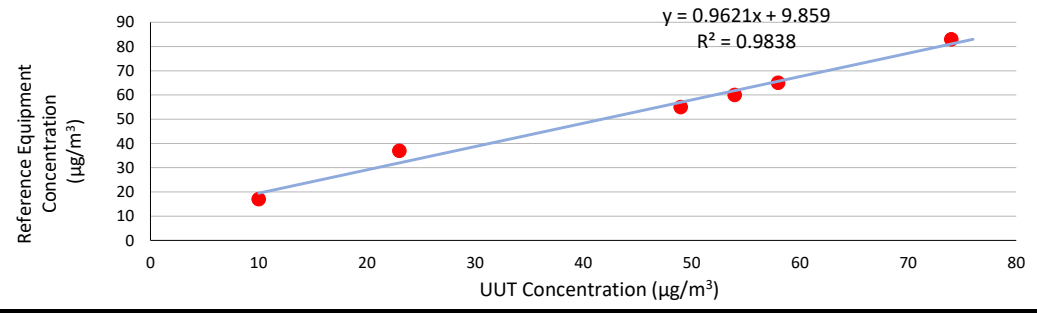
Verification Test Result: Strong Correlation, Results were accepted.

* If the Correlation Coefficient < 0.90, check and recalibrate.

Set Calibration Factor

Particulate Concentration by Reference Equipment (µg/m^3):	53
Particulate Concentration by UUT (µg/m^3):	45
Measuring Time, (min):	60
K Factor = High Volume Sampler / UUT, (µg/m^3):	1.18

Correlation Curve



Operated By: Andy Li
Project Technician,
Environmental

Signature:

Date: 25-02-2026

Aurecon Hong Kong Limited
Unit 1608, 16/F, Tower B, Manulife Financial Centre,
223 – 231 Wai Yip Street, Kwun Tong,
Kowloon Hong Kong S. A. R

Certification of Calibration

Information of Unit-under-test (UUT)

Date of Calibration:	**15-Feb-26**	Next Calibration Date:	**15-Feb-27**
UUT Manufacturer:	SIBATA Scientific Technology Ltd	UUT Model No.:	LD-5R
UUT Serial No.:	882106	Report Reference No.:	RPT-25-HVS-018-26
Calibration Location:	W-A6, Man Cheong Building		

Information of Reference Equipment

Reference Equipment Manufacturer:	Tisch Environmental	Tisch Environmental
Reference Equipment Model No.:	TE-5170X	TE-5025A
Reference Equipment Serial No.:	1050	4166
Last Calibration Date:	4-Feb-26	8-May-25
Next Calibration Date:	18-Feb-26	8-May-26

Calibration of 1-Hour TSP Result

Calibration Point	Results from UUT	Results from Standard Equipment
	Mass Concentration (µg/m^3) X-axis	Reference Concentration (µg/m^3) Y-axis
1	68	83
2	52	65
3	48	55
4	51	60
5	35	37
6	15	17
Average	45	53

Linear Regression of Y on X

Slope, mv: **1.2705** Intercept: **-4.1281** *Correlation Coefficient: **0.9945**

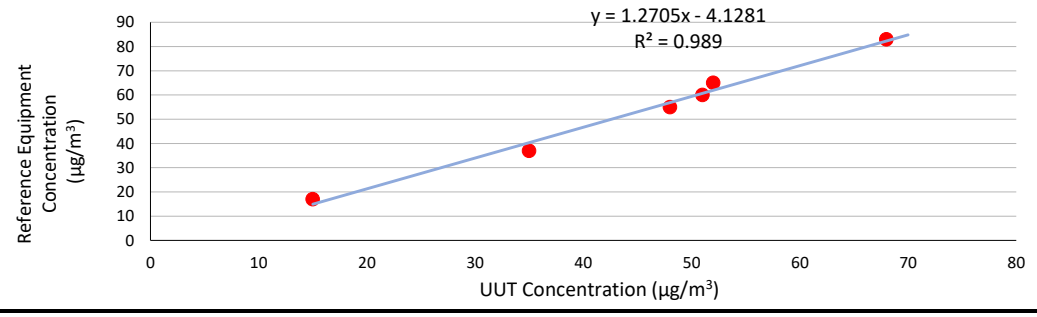
Verification Test Result: Strong Correlation, Results were accepted.

* If the Correlation Coefficient < 0.90, check and recalibrate.

Set Calibration Factor

Particulate Concentration by Reference Equipment (µg/m^3):	53
Particulate Concentration by UUT (µg/m^3):	45
Measuring Time, (min):	60
K Factor = High Volume Sampler / UUT, (µg/m^3):	1.18

Correlation Curve



Operated By: Andy Li
Project Technician,
Environmental

Signature:

Date: 25-02-2026

Aurecon Hong Kong Limited
Unit 1608, 16/F, Tower B, Manulife Financial Centre,
223 – 231 Wai Yip Street, Kwun Tong,
Kowloon Hong Kong S. A. R

Certification of Calibration

Information of Unit-under-test (UUT)

Date of Calibration:	**15-Feb-26**	Next Calibration Date:	**15-Feb-27**
UUT Manufacturer:	SIBATA Scientific Technology Ltd	UUT Model No.:	LD-5R
UUT Serial No.:	942532	Report Reference No.:	RPT-25-HVS-020-26
Calibration Location:	W-A6, Man Cheong Building		

Information of Reference Equipment

Reference Equipment Manufacturer:	Tisch Environmental	Tisch Environmental
Reference Equipment Model No.:	TE-5170X	TE-5025A
Reference Equipment Serial No.:	1050	4166
Last Calibration Date:	4-Feb-26	8-May-25
Next Calibration Date:	18-Feb-26	8-May-26

Calibration of 1-Hour TSP Result

Calibration Point	Results from UUT	Results from Standard Equipment
	Mass Concentration (μg/m^3) X-axis	Reference Concentration (μg/m^3) Y-axis
1	70	83
2	53	65
3	42	55
4	52	60
5	31	37
6	13	17
Average	44	53

Linear Regression of Y on X

Slope, mv: **1.1587** Intercept: **2.4303** *Correlation Coefficient: **0.9951**

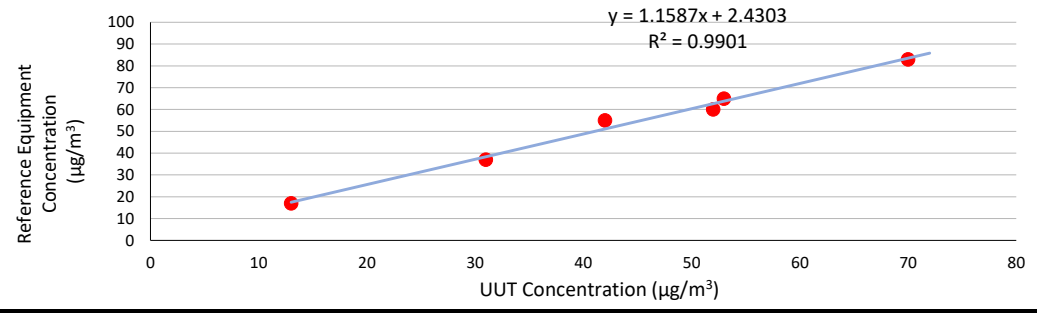
Verification Test Result: Strong Correlation, Results were accepted.

* If the Correlation Coefficient < 0.90, check and recalibrate.

Set Calibration Factor

Particulate Concentration by Reference Equipment (μg/m^3):	53
Particulate Concentration by UUT (μg/m^3):	44
Measuring Time, (min):	60
K Factor = High Volume Sampler / UUT, (μg/m^3):	1.21

Correlation Curve



Operated By: Andy Li
Project Technician,
Environmental

Signature:

Date: 25-02-2026

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	**Representative For Tung Lo Hang**	**Site ID:**	**AM1**	**Cal Date:** **Exp Date:**	**31/1/2026** **30/03/2026**
Serial No:	**1105**	**Model:**	**TE-5170X**	**Operator:**	**Andy Li**

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	777.3	**Actual Temperature during Calibration (T_a) (deg K):**	292.3

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	8.60	1.448	59.0	60.25
13	6.80	1.289	56.0	57.18
10	4.80	1.084	46.0	46.97
7	3.20	0.886	40.0	40.85
5	2.30	0.753	32.0	32.68

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 39.7631 b= 4.1664 Corr. Coeff= 0.9908

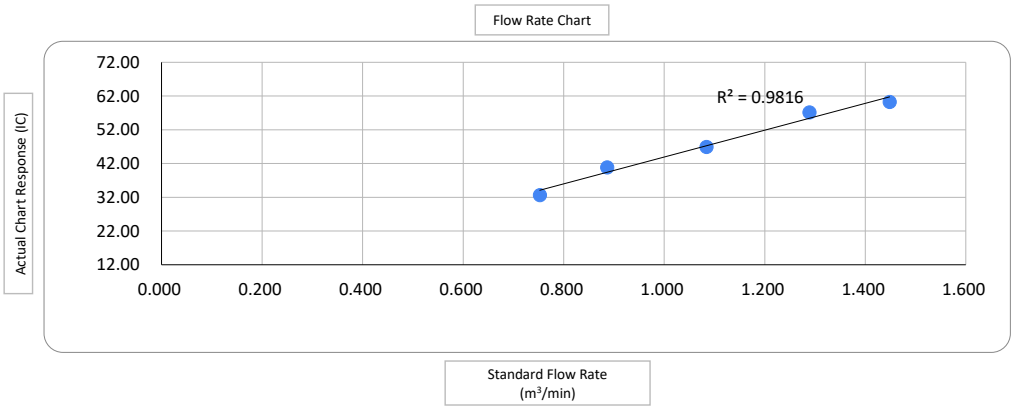
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: F.C Tsang
Monitoring Team Leader

Date: 05-Dec-2025

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	**Representative For Heung YuenWai**	**Site ID:**	**AM2**	**Cal Date:** **Exp Date:**	**31/1/2026** **30/03/2026**
Serial No:	**1106**	**Model:**	**TE-5170X**	**Operator:**	**Andy Li**

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	777.3	**Actual Temperature during Calibration (T_a) (deg K):**	292.3

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	8.20	1.414	59.0	60.25
13	6.60	1.270	54.0	55.14
10	4.80	1.084	48.0	49.01
7	2.80	0.830	40.0	40.85
5	2.00	0.702	32.0	32.68

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 36.9963 b= 8.3709 Corr. Coeff= 0.9933

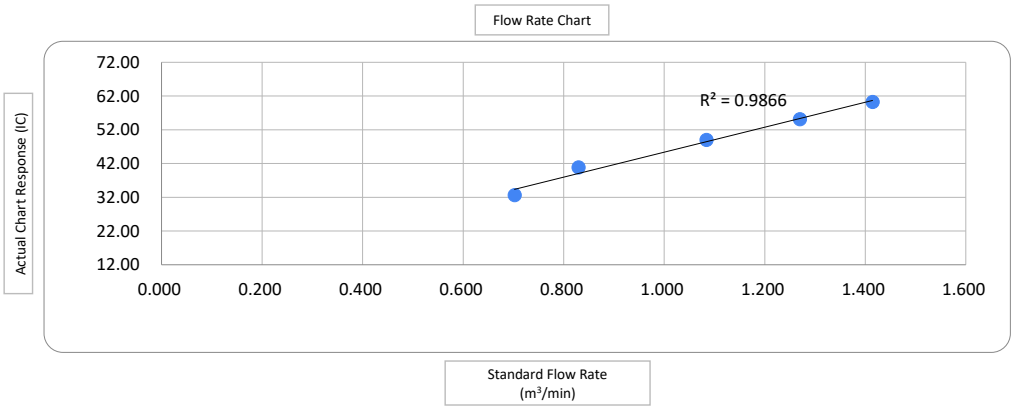
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: F.C Tsang
Monitoring Team Leader

Date: 05-Dec-2025

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	Representative For Wo Keng Shan Tsuen	**Site ID:**	AM3	**Cal Date:** **Exp Date:**	31/1/2026 30/03/2026
Serial No:	1856	**Model:**	TE-5170X	**Operator:**	Andy Li

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	777.3	**Actual Temperature during Calibration (T_a) (deg K):**	292.3

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	8.40	1.431	60.0	61.27
13	6.70	1.279	56.0	57.18
10	4.60	1.061	47.0	47.99
7	3.20	0.886	40.0	40.85
5	2.00	0.702	31.0	31.66
	0			

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 40.8962 b= 3.9452 Corr. Coeff= 0.9964

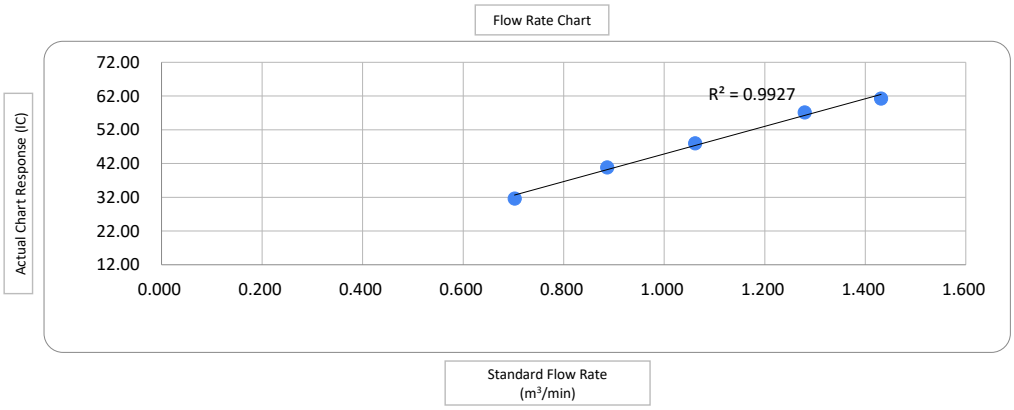
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: F.C Tsang
Monitoring Team Leader

Date: 05-Dec-2025

TISCH Environmental

RECALIBRATION DUE DATE:
May 8, 2026

Certificate of Calibration

Calibration Certification Information					
Cal. Date:	May 8, 2025	**Rootsmeter S/N:** 438320	**Ta:** 294	°K	
Operator:	Jim Tisch		**Pa:** 750.8	mm Hg	
Calibration Model #:	TE-5025A	**Calibrator S/N:** **4166**			

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4520	3.2	2.00
2	3	4	1	1.0200	6.4	4.00
3	5	6	1	0.9110	8.0	5.00
4	7	8	1	0.8740	8.8	5.50
5	9	10	1	0.7190	12.9	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis)
0.9971	0.6867	1.4152	0.9957	0.6858	0.8850
0.9928	0.9734	2.0014	0.9915	0.9720	1.2515
0.9907	1.0875	2.2376	0.9893	1.0860	1.3992
0.9896	1.1323	2.3468	0.9883	1.1308	1.4675
0.9842	1.3688	2.8304	0.9828	1.3669	1.7699
QSTD	**m=**	**2.07841**	**QA**	**m=**	**1.30146**
	b=	**-0.01551**		**b=**	**-0.00970**
	r=	**0.99992**		**r=**	**0.99992**

Calculations

Vstd=	ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	**Va=**	ΔVol((Pa-ΔP)/Pa)
Qstd=	Vstd/ΔTime	**Qa=**	Va/ΔTime

For subsequent flow rate calculations:

Qstd= $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

Qa= $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

Standard Conditions	
Tstd:	298.15 °K
Pstd:	760 mm Hg

Key
ΔH: calibrator manometer reading (in H2O)
ΔP: rootsmeter manometer reading (mm Hg)
Ta: actual absolute temperature (°K)
Pa: actual barometric pressure (mm Hg)
b: intercept
m: slope

RECALIBRATION
US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

Tisch Environmental, Inc.
145 South Miami Avenue
Village of Cleves, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7610
FAX: (513)467-9009

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	**Representative For Tung Lo Hang**	**Site ID:**	**AM1**	**Cal Date:** **Exp Date:**	**31/03/2026** **30/05/2026**
Serial No:	**1105**	**Model:**	**TE-5170X**	**Operator:**	**Andy Li**

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	757.7	**Actual Temperature during Calibration (T_a) (deg K):**	300.7

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	12.80	1.719	60.0	59.64
13	10.60	1.565	54.0	53.68
10	8.40	1.394	48.0	47.72
7	6.20	1.198	44.0	43.74
5	2.20	0.717	32.0	31.81

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 27.0235 b= 11.6890 Corr. Coeff= 0.9936

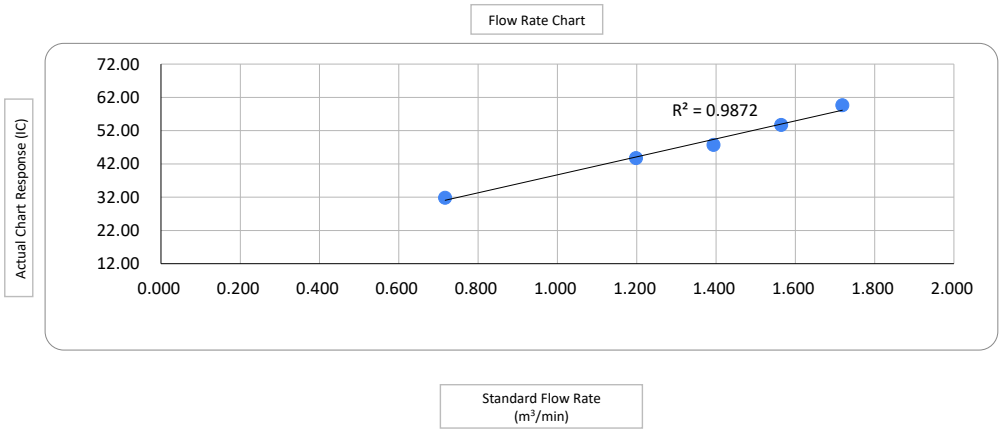
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: Toby Wan
Monitoring Team Leader

Date: 31-Mar-2026

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	**Representative For Heung YuenWai**	**Site ID:**	**AM2**	**Cal Date:** **Exp Date:**	**31/03/2026** **30/05/2026**
Serial No:	**1106**	**Model:**	**TE-5170X**	**Operator:**	**Andy Li**

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	757.7	**Actual Temperature during Calibration (T_a) (deg K):**	300.7

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	13.20	1.745	60.0	59.64
13	11.20	1.608	56.0	55.67
10	9.40	1.474	48.0	47.72
7	6.20	1.198	42.0	41.75
5	3.00	0.836	30.0	29.82

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 32.4295 b= 2.4180 Corr. Coeff= 0.9927

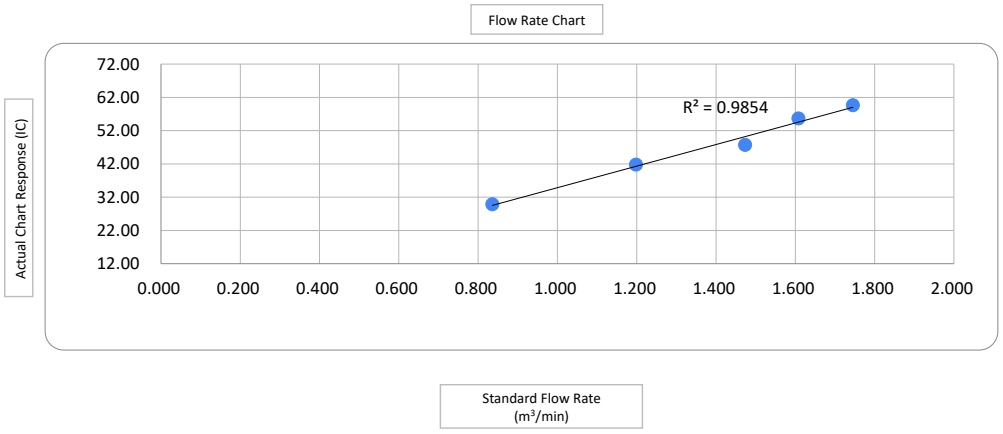
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: Toby Wan
Monitoring Team Leader

Date: 31-Mar-2026

HIVOL SAMPLER CALIBRATION DATA SHEET (TSP)

Site Information

Location:	**Representative For Wo Keng Shan Tsuen**	**Site ID:**	**AM3**	**Cal Date:** **Exp Date:**	**31/03/2026** **30/05/2026**
Serial No:	**1856**	**Model:**	**TE-5170X**	**Operator:**	**Andy Li**

Ambient Condition

Actual Pressure during Calibration (P_a) (mm Hg):	757.7	**Actual Temperature during Calibration (T_a) (deg K):**	300.7

Calibration Orifice

Model:	TE-5025A	**Slope (m_c):**	2.07841
Serial No.:	4166	**Intercept (b_c):**	-0.01551
Calibration Due Date:	8-May-26	**Corr. Coeff:**	0.99992

Calibration Data

Plate or Test #	ΔH_2O (in)	Qa, X-Axis (m^3/min)	I, CFM (chart)	IC, Y-Axis (corrected)
18	13.60	1.771	58.0	57.66
13	11.20	1.608	54.0	53.68
10	9.60	1.489	48.0	47.72
7	6.80	1.255	42.0	41.75
5	3.20	0.863	32.0	31.81
	0			

Sampler Calibtation Relationship (Qa on x-axis, IC on y-axis)

m= 28.7292 b= 6.3793 Corr. Coeff= 0.9948

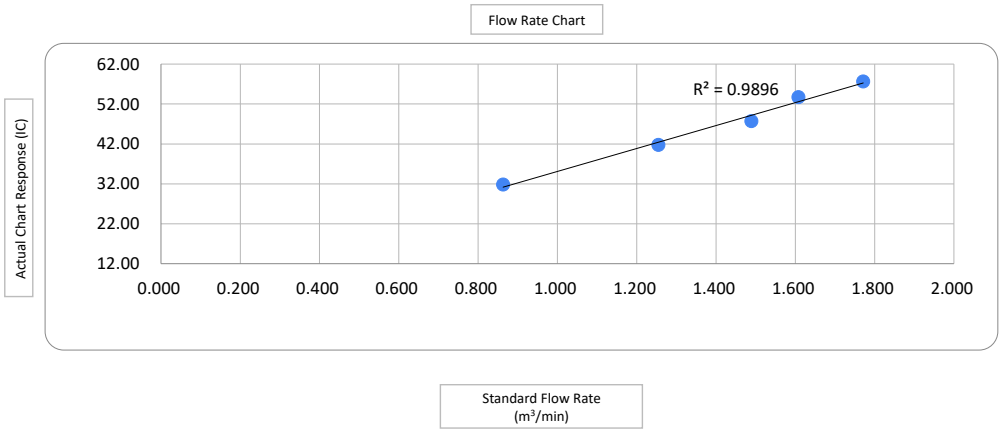
Calculations

$Qa = 1/m_c * [Sqrt (\Delta H_2O * (P_a/P_{Std}) * (T_{Std}/T_a)) - b_c]$

$IC = I * (Sqrt (P_a/P_{Std}) * (T_{Std}/T_a))$

Qa = actual flow rate
IC = corrected chart response
I = actual chart response
m_c = calibrator slope
b_c = calibrator intercept

m = sampler slope
b = sampler intercept
T_{Std} = 298 deg K
P_{Std} = 760 mm Hg
T_a = actual temperature during calibration (deg K)
P_a = actual pressure during calibration (mm Hg)



Checked by: Toby Wan
Monitoring Team Leader

Date: 31-Mar-2026

TISCH Environmental

RECALIBRATION DUE DATE:
May 8, 2026

Certificate of Calibration

Calibration Certification Information					
Cal. Date:	May 8, 2025	**Rootsmeter S/N:** 438320	**Ta:** 294	°K	
Operator:	Jim Tisch		**Pa:** 750.8	mm Hg	
Calibration Model #:	TE-5025A	**Calibrator S/N:** **4166**			

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4520	3.2	2.00
2	3	4	1	1.0200	6.4	4.00
3	5	6	1	0.9110	8.0	5.00
4	7	8	1	0.8740	8.8	5.50
5	9	10	1	0.7190	12.9	8.00

Data Tabulation

Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H\left(Ta/Pa\right)}$ (y-axis)
0.9971	0.6867	1.4152	0.9957	0.6858	0.8850
0.9928	0.9734	2.0014	0.9915	0.9720	1.2515
0.9907	1.0875	2.2376	0.9893	1.0860	1.3992
0.9896	1.1323	2.3468	0.9883	1.1308	1.4675
0.9842	1.3688	2.8304	0.9828	1.3669	1.7699
QSTD	**m=**	**2.07841**	**QA**	**m=**	**1.30146**
	b=	**-0.01551**		**b=**	**-0.00970**
	r=	**0.99992**		**r=**	**0.99992**

Calculations

Vstd=	ΔVol((Pa-ΔP)/Pstd)(Tstd/Ta)	**Va=**	ΔVol((Pa-ΔP)/Pa)
Qstd=	Vstd/ΔTime	**Qa=**	Va/ΔTime

For subsequent flow rate calculations:

Qstd= $1/m\left(\left(\sqrt{\Delta H\left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}\right)-b\right)$

Qa= $1/m\left(\left(\sqrt{\Delta H\left(Ta/Pa\right)}\right)-b\right)$

Standard Conditions	
Tstd:	298.15 °K
Pstd:	760 mm Hg

Key
ΔH: calibrator manometer reading (in H2O)
ΔP: rootsmeter manometer reading (mm Hg)
Ta: actual absolute temperature (°K)
Pa: actual barometric pressure (mm Hg)
b: intercept
m: slope

RECALIBRATION
US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

Tisch Environmental, Inc.
145 South Miami Avenue
Village of Cleves, OH 45002

www.tisch-env.com
TOLL FREE: (877)263-7610
FAX: (513)467-9009

Noise

Certificate of Calibration

for

Description:	***Sound Level Meter***
Manufacturer:	***NTi Audio***
Type No.:	***XL2 (Serial No.: A2A-13661-E0)***
Microphone:	***ACO 7052 (Serial No.:84464)***
Preamplifier:	***NTi Audio MA220 (M2211) (Serial No.:5287)***

Submitted by:

Customer:	*Aurecon Hong Kong Limited*
Address:	*Unit 1608, 16/F, Tower B, Manulife Financial Centre,*
	223-231 Wai Yip Street, Kwun Tong,
	Kowloon, Hong Kong

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

☑ **Within (31.5Hz – 8kHz)**
☐ **Outside**

the allowable tolerance.

The test equipment used for calibration are traceable to National Standards via:
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 6 August 2025

Date of calibration: 7 August 2025

Date of NEXT calibration: 6 August 2026

Calibrated by: _____
Calibration Technician

Certified by: _____
Mr. Ng Yan Wa
Laboratory Manager

Date of issue: *7* **August 2025**

Certificate No.: APJ25-046-CC002

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

1. *Calibration Precaution:*

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

- The results presented are the mean of 3 measurements at each calibration point.

2. *Calibration Conditions:*

Air Temperature:	24.6 °C
Air Pressure:	1006 hPa
Relative Humidity:	54.7 %

3. *Calibration Equipment:*

	Type	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV240081	HOKLAS

4. *Calibration Results*

Sound Pressure Level

Reference Sound Pressure Level

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.1	±0.4

Linearity

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.0	Ref
			104		104.1	±0.3
			114		114.1	±0.3

Time Weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading, dB	IEC 61672 Class 1 Specification, dB
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz		
30-130	dBA SPL	Fast	94	1000	94.0	Ref
		Slow			94.1	±0.3

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

Frequency Response

Linear Response

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dB SPL	Fast	94	31.5	94.1	±2.0
				63	94.2	±1.5
				125	94.1	±1.5
				250	94.1	±1.4
				500	94.2	±1.4
				1000	94.1	Ref
				2000	94.4	±1.6
				4000	95.1	±1.6
				8000	94.6	+2.1; -3.1

A-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBA SPL	Fast	94	31.5	54.7	-39.4 ±2.0
				63	67.9	-26.2 ±1.5
				125	78.0	-16.1 ±1.5
				250	85.4	-8.6 ±1.4
				500	90.9	-3.2 ±1.4
				1000	94.1	Ref
				2000	95.6	+1.2 ±1.6
				4000	96.0	+1.0 ±1.6
				8000	93.5	-1.1+2.1; -3.1

C-weighting

Setting of Unit-under-test (UUT)			Applied value		UUT Reading,	IEC 61672 Class 1
Range, dB	Freq. Weighting	Time Weighting	Level, dB	Frequency, Hz	dB	Specification, dB
30-130	dBC SPL	Fast	94	31.5	91.1	-3.0 ±2.0
				63	93.3	-0.8 ±1.5
				125	93.9	-0.2 ±1.5
				250	94.1	-0.0 ±1.4
				500	94.2	-0.0 ±1.4
				1000	94.1	Ref
				2000	94.2	-0.2 ±1.6
				4000	94.2	-0.8 ±1.6
				8000	91.6	–3.0 +2.1: –3.1

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

5. *Calibration Results Applied*

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

Uncertainties of Applied Value:

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

The uncertainties are evaluated for a 95% confidence level.

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

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

Certificate of Calibration

for

Description:	***Sound Level Calibrator***
Manufacturer:	***RION***
Type No.:	***NC-75***
Serial No.:	***34724245***

Submitted by:

Customer:	*Aurecon Hong Kong Limited*
Address:	*Unit 1608, 16/F, Tower B,*
	Manulife Financial Centre,
	223-231 Wai Yip Street, Kwun Tong,
	Kowloon, Hong Kong

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

☑ **Within**
☐ **Outside**

the allowable tolerance.

The test equipments used for calibration are traceable to National Standards via:
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory

Date of receipt: 10 July 2025

Date of calibration: 11 July 2025

Date of NEXT calibration: 10 July 2026

Calibrated by: _____
Calibration Technician

Certified by: _____
Mr. Ng Yan Wa
Laboratory Manager

Date of issue: 11 July 2025

ACOUSTICS AND AIR TESTING LABORATORY CO LTD (A+A)*L

Certificate No.: APJ25-045-CC003

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

1. *Calibration Precautions:*

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 24 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

- The results presented are the mean of 3 measurements at each calibration point.

2. *Calibration Specifications:*

Calibration check

3. *Calibration Conditions:*

Air Temperature:	24.6 °C
Air Pressure:	1006 hPa
Relative Humidity:	57.5 %

4. *Calibration Equipment:*

Test Equipment	Type	Serial No.	Calibration Report Number	Traceable to
Multifunction Calibrator	B&K 4226	2288467	AV240081	HOKLAS
Sound Level Meter	RION NA-28	30721812	AV240109	HOKLAS

5. *Calibration Results*

5.1 Sound Pressure Level

Nominal value dB	Accept lower level dB	Accept upper level dB	Measured value dB
94.0	93.6	94.4	94.0

Note:
The values given in this certification only related to the values measured at the time of the calibration.

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Cal Lab Limited 校正實驗室有限公司
Room 2103, Technology Plaza, 29-35 Sha Tsui Road,
Tsuen Wan, NT, Hong Kong
Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

ACCREDITED
Certificate #3815.01

Calibration Certificate No.: CC0182502

Information provided by customer

Customer: Aurecon Hong Kong Limited
Address: Unit 1608, 16/F, Tower B, Manulife Financial Centre, 222-231 Wai Yip Street, Kwun Tong, Hong Kong

Equipment identification provided by customer

Equipment Description	Manufacturer	Model No.	Serial No.	Assigned equipment No.
Air Velocity Meter	UNI-T	UT363	C222415356	A-02

Certificate Information

Date of Receipt:	12 February 2025	Calibration Condition:	22.4°C, 54%RH, 1011hPa
Date of Calibration:	18 February 2025	Adjustment:	N/A
Recommended Next Cal. Date:	N/A	Appearance:	Good
Calibration Procedure:	SOP-112	Remark:	N/A

Reference Equipment Identification

Equipment Description	Model	Serial No.	Expiration Date
Hot Wire Anemometer	405-V1	41576231	17 July 2026

Result of Calibration

Air Velocity

Reference Reading (m/s)	Measured Reading (m/s)	Error (m/s)	Uncertainty (%)	Technical Requirement	Technical Reference Doc.
1.04	1.0	0.0	3.6	± 5 %	Mfr's Spec.
2.02	2.1	0.1	3.6	± 5 %	Mfr's Spec.
4.98	5.1	0.1	3.6	± 5 %	Mfr's Spec.
8.01	8.2	0.2	3.6	± 5 %	Mfr's Spec.

CT-AFR-01

Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.
Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.
Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.
Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.

Calibrated By: Checked and Approved By: Company Chop:

Wing Cheng Warren Yeung

Cal Lab Limited 校正實驗室有限公司

Certificate Issue Date: 20 February 2025

CT-BEG-04

***** End of Certificate *****

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2. The certificate is issued subject to the latest Terms and Conditions, available at our web site

Water Quality

ALS Technichem (HK) Pty Ltd
11/F., Chung Shun Knitting Centre,
1 - 3 Wing Yip Street,
Kwai Chung, N.T., Hong Kong
T: +852 2610 1044
F: +852 2610 2021
www.alsglobal.com

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	JOE HO	**WORK ORDER:**	HK2602713
CLIENT:	AURECON HONG KONG LIMITED		
ADDRESS:	UNIT 1608, 16/F, TOWER B, MANULIFE FINANCIAL CENTRE, 223-231 WAI YIP STREET, KWUN TONG, HONG KONG	**SUB-BATCH:**	0
		LABORATORY:	HONG KONG
		DATE RECEIVED:	16-Jan-2026
		DATE OF ISSUE:	27-Jan-2026

GENERAL COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.
The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.
The validity of equipment/ meter performance only applies to the result(s) stated in the report.
This report superseded any previous report(s) with same work order number.

EQUIPMENT INFORMATION

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

Equipment Type:	Multifunctional Meter
Service Nature:	Performance Check
Scope:	Conductivity, Dissolved Oxygen, pH Value, Turbidity, Salinity and Temperature
Brand Name/ Model No.:	[YSI]/ [ProDSS]
Serial No./ Equipment No.:	[24G101659]/ [N/A]
Date of Calibration:	23-January-2026

Ms. Lin Wai Yu, Iris
Assistant Manager - Inorganics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2602713

SUB-BATCH: 0
DATE OF ISSUE: 27-Jan-2026
CLIENT: AURECON HONG KONG LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [ProDSS]
Serial No./ Equipment No.: [24G101659]/ [N/A]
Date of Calibration: 23-January-2026 Date of Next Calibration: 23-April-2026

PARAMETERS:

Conductivity **Method Ref: APHA (23rd edition), 2510B**

Expected Reading (µS/cm)	Displayed Reading (µS/cm)	Tolerance (%)
146.9	148.6	+1.2
6667	6363	-4.6
12890	12320	-4.4
58670	56188	-4.2
	Tolerance Limit (%)	±10.0

Dissolved Oxygen **Method Ref: APHA (23rd edition), 4500O: G**

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
2.79	2.90	+0.11
4.90	4.88	-0.02
7.13	7.02	-0.11
	Tolerance Limit (mg/L)	±0.20

pH Value **Method Ref: APHA (23rd edition), 4500H: B**

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.0	3.88	-0.12
7.0	7.08	+0.08
10.0	9.95	-0.05
	Tolerance Limit (pH unit)	±0.20

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

Ms. Lin Wai Yu, Iris
Assistant Manager - Inorganics

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2602713

SUB-BATCH: 0
DATE OF ISSUE: 27-Jan-2026
CLIENT: AURECON HONG KONG LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [ProDSS]
Serial No./ Equipment No.: [24G101659]/ [N/A]
Date of Calibration: 23-January-2026 Date of Next Calibration: 23-April-2026

PARAMETERS:

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.38	--
4	4.29	+7.3
40	41.66	+4.1
80	79.81	-0.2
400	384.16	-4.0
800	779.23	-2.6
	Tolerance Limit (%)	±10.0

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.00	--
10	9.77	-2.3
20	19.29	-3.6
30	29.57	-1.4
	Tolerance Limit (%)	±10.0

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

Ms. Lin Wai Yu, Iris
Assistant Manager - Inorganics

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

WORK ORDER: HK2602713

SUB-BATCH: 0
DATE OF ISSUE: 27-Jan-2026
CLIENT: AURECON HONG KONG LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [ProDSS]
Serial No./ Equipment No.: [24G101659]/ [N/A]
Date of Calibration: 23-January-2026 Date of Next Calibration: 23-April-2026

PARAMETERS:

Temperature **Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.**

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
10.5	10.8	+0.3
23.5	23.7	+0.2
39.0	38.9	-0.1
	Tolerance Limit (°C)	±2.0

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

Ms. Lin Wai Yu, Iris
Assistant Manager - Inorganics

-------- END OF REPORT --------

Cal Lab Limited 校正實驗室有限公司
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Tel: +852 25680106 Email: info@callab.com.hk
Fax: +852 30116194 Website: www.callab.com.hk

Calibration Certificate No.: CC0012602(1)

Information provided by customer

Customer: Acumen Laboratory and Testing Limited
Address: Workshop 04, 7/F, The Whitney, No. 183 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

Equipment Identification provided by customer

Equipment Description	Manufacturer	Model No.	Serial No.	Assigned equipment No.
Flow Probe	Global Water	FP111	22K100858	N/A

Certificate Information

Date of Receipt:	2 February 2026	Calibration Condition:	21.8°C, 52%RH, 1011hPa
Date of Calibration:	25 February 2026	Adjustment:	N/A
Due Date of Calibration:	N/A	Appearance:	Good
Calibration Procedure:	JJG 1030-2007	Remark:	N/A

Reference Equipment Identification

Equipment Description	Model	Serial No.	Expiration Date
Flowmeter	N/A	JHZ0616	23 June 2026

Result of Calibration

Water Flow Rate

Reference Reading (m/s)	Measured Reading (m/s)	Error (m/s)	Uncertainty (%)
0.00	0.0	N/A	N/A
1.05	0.9	-0.2	5.8
2.96	2.8	-0.2	5.8
5.06	4.9	-0.2	5.8

Note1: The estimated expanded uncertainties have been calculated in "Evaluation and expression of uncertainty in measurement" and give an internal estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.
Note2: The standard (s) and instrument used in the calibration are traceable to national or international recognized standard and are calibrated on a schedule to maintain the accuracy and good condition.
Note3: The result reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long term stability of the instrument.
Note4: The result shows in this calibration certificate relate only to the item calibrated, and the result only applies to the calibration item as received.
Note5: Calibration item/ parameter marked with * is out of scope of Cal Lab Limited (A2LA 3815.01).
Note6: This report supersedes CC0012602 dated 4 March 2026. Reason: Amended typo in serial number.

Calibrated By: Wing Cheng

Checked and Approved By: Warren Yeung

Company Chop:

Certificate Issue Date: 25 March 2026

CT-BEG-04

***** End of Certificate *****

1. The certificate shall not be reproduced except in full, without written approval of Cal Lab Limited
2. The certificate is issued subject to the latest Terms and Conditions, available at our web site

Landfill Gas

亞太工業安全設備
Asia Pacific Industrial Safety Equipment

Your Safety Is Our Success

香港九龍觀塘興業街31號興業中心1樓B室
Unit B, 1/F., Hing Yip Centre,31 Hing Yip Street, Kwun Tong, Kowloon, Hong Kong

Tel: (852) 2592 2100
Fax: (852) 3165 8960
Email: info@apisehk.com
http://www.apisehk.com

Calibration Certificate

Customer: New Concepts Eng Dev Ltd

Calibration Date : 21/2/2026

Address: /

Certificate Ref: BLS/G7C/01/1601

/

Tel: 9840 3136

Attn: Victor

Model No.: "Blackline" G7c

Cartridge No.: 334341

Serial No.: 3571220922

Sensor Configurations: CO, H2S, LEL-MPS, O2, CO2

Inspection Items	Visual Inspection	Functional Test
Basic Unit - Display	Pass	Pass
Battery and Charge etc.	Pass	Pass
Motorized Pump	Pass	Pass
Visual Alarm	Pass	Pass

Type of Sensor	Span Calibration		Alarm Setting			
		Result	High	Low	STEL	TWA
Combustible (LEL) [%]	50	Pass	10	5	/	/
Hydrogen sulfide (H2S) [ppm]	25	Pass	15	7	15	10
Carbon Monoxide (CO) [ppm]	100	Pass	75	37	75	25
Oxygen (O2) [%]	18	Pass	22	19.5	/	/
Carbon Dioxide (CO2) [ppm]	5000	Pass	30000	5000	30000	50000

- The alarm set points (Low, High, STEL, and TWA) for LEL, H2S, O2, and CO sensors have been configured to comply with the Hong Kong Labour Department's Code of Practice for Safety and Health at Work in Confined Spaces (Second Edition) and NIOSH requirements. The settings listed above reflect the instrument configuration at the time of calibration.

Blackline Safety Recommended Next Calibration Date*: 20/8/2026

*The calibration schedule can be configured to match your company's safety policy and Blackline Safety recommends not exeeding 180 days without a calibration

Calibratrion remarks:

IMPORTANT NOTES TO BLACKLINE SAFETY GAS DETECTOR USERS

USERS MUST READ THE OPERATOR'S MANUAL THOROUGHLY BEFORE OPERATING THIS EQUIPMENT AND FOLLOW THEIR OWIN SAFETY SUPERVISOR'S INSTRUCTION TO WORK.

All gas detection instrumentation on the market requires periodic calibration to accurately measure gas. Calibration is only as accurate as the test gas used. Blackline Safety quality test gases are made to the highest accuracy and trace-ability to N.I.S.T. Standard.

Asia Pacific Industrial Safety Equipment
Blackline Authorized Service Centre

Mr. Mind Lau
Sales & Services Department

Appendix F Monitoring Results

Air Quality

1-hour TSP Concentration (μg/m^3) at Location AM1

Date	Equipment Brand & Model	Equipment Serial No.	K-factor	Weather	Sampling Time (1)	Sampling Time (2)	Sampling Time (3)	Reading (1) μg/m^3	Reading (2) μg/m^3	Reading (3) μg/m^3	Average μg/m^3	Action Level μg/m^3	Limit Level μg/m^3
2/3/2026	Sibata LD-5R	882106	1.1800	Fine	8:20	9:20	10:20	36	37	41	38	285	500
7/3/2026	Sibata LD-5R	882106	1.1800	Fine	8:10	9:10	10:10	26	29	31	29		
13/3/2026	Sibata LD-5R	882106	1.1800	Fine	8:20	9:20	10:20	36	37	41	38		
19/3/2026	Sibata LD-5R	882106	1.1800	Fine	8:10	9:10	10:10	31	36	27	31		
25/3/2026	Sibata LD-5R	882106	1.1800	Fine	8:01	9:01	10:01	24	26	29	26		
31/3/2026	Sibata LD-5R	882106	1.1800	Fine	14:52	15:52	16:52	30	32	39	34		
							Average	**33**					
							Max.	**41**					
							Min.	**24**					

1-hour TSP Concentration (μg/m^3) at Location AM2

Date	Equipment Brand & Model	Equipment Serial No.	K-factor	Weather	Sampling Time (1)	Sampling Time (2)	Sampling Time (3)	Reading (1) μg/m^3	Reading (2) μg/m^3	Reading (3) μg/m^3	Average μg/m^3	Action Level μg/m^3	Limit Level μg/m^3
2/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	8:40	9:40	10:40	49	44	41	45	279	500
7/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	8:20	9:20	10:20	41	40	40	40		
13/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	9:40	10:40	11:40	49	44	41	45		
19/3/2026	Sibata LD-5R	942532	1.2100	Fine	8:25	9:25	10:25	41	39	39	40		
25/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	8:26	9:26	10:26	39	40	41	40		
31/3/2026	Sibata LD-5R	942532	1.2100	Fine	14:36	15:36	17:36	44	36	38	39		
							Average	**41**					
							Max.	**49**					
							Min.	**36**					

1-hour TSP Concentration (μg/m^3) at Location AM3

Date	Equipment Brand & Model	Equipment Serial No.	K-factor	Weather	Sampling Time (1)	Sampling Time (2)	Sampling Time (3)	Reading (1) μg/m^3	Reading (2) μg/m^3	Reading (3) μg/m^3	Average μg/m^3	Action Level μg/m^3	Limit Level μg/m^3
2/3/2026	Sibata LD-5R	942532	1.2100	Fine	8:50	9:50	10:50	51	49	48	49	285	500
7/3/2026	Sibata LD-5R	942532	1.2100	Fine	8:39	9:39	10:39	46	44	41	44		
13/3/2026	Sibata LD-5R	942532	1.2100	Fine	8:50	9:50	10:50	51	49	48	49		
19/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	8:49	9:49	10:49	51	53	48	51		
25/3/2026	Sibata LD-5R	942532	1.2100	FIne	8:40	9:40	10:40	43	41	45	43		
31/3/2026	Sibata LD-5R	0Z4545	0.9919	Fine	15:14	16:14	17:14	38	42	44	41		
							Average	**46**					
							Max.	**53**					
							Min.	**38**					

The Summary of TSP 24-hour Concentration (μg/m^3) at Location AM1

Start Date	Weather Condition	Avg Air Temp	Avg Atmospheric Pressure	Elapse Time		Sampling Time	Averaged Flow Rate	Averaged Flow Rate	Total Flow Volume	Filter Weight (g)		Particulate weight	Concentration	Action Level	Limit Level
		(℃)	(hPa)	Initial	Final	(minutes)	(cfm)	(m^3/min)	(m^3)	Initial	Final	(g)	(μg/m^3)	(μg/m^3)	(μg/m3)
2/3/2026	Fine	21.2	1012.4	7910.05	7934.05	1440	42	1.0	1379	2.7265	2.8508	0.1243	90	164	260
7/3/2026	Fine	19.3	1020.2	7934.05	7958.05	1440	40	0.9	1322	2.7240	2.8321	0.1081	82		
13/3/2026	Fine	19.1	1022.8	7745.04	7769.04	1440	40	0.9	1326	2.7136	2.8338	0.1202	91		
19/3/2026	Fine	22.5	1015.0	7769.04	7793.04	1440	40	0.9	1306	2.7205	2.7955	0.0750	57		
25/3/2026	Fine	25.2	1012.5	7793.04	7817.04	1440	42	1.0	1369	2.7196	2.7932	0.0736	54		
31/3/2026	Fine	25.2	1011.3	7817.04	7841.04	1440	42	1.1	1610	2.7097	2.7842	0.0745	46		
												Average	**70**		
												Min	**46**		
												Max	**91**		

The Summary of 24-hour TSP Concentration (μg/m^3) at Location AM2

Start Date	Weather Condition	Avg Air Temp	Avg Atmospheric Pressure	Elapse Time		Sampling Time	Averaged Flow Rate	Flow Rate	Total Flow Volume	Filter Weight (g)		Particulate weight	Concentration	Action Level	Limit Level
		(℃)	(hPa)	Initial	Final	(minutes)	(cfm)	(m^3/min)	(m^3)	Initial	Final	(g)	(μg/m^3)	(μg/m^3)	(μg/m3)
2/3/2026	Fine	21.2	1012.4	7913.22	7937.22	1440	40	0.9	1240	2.7370	2.8230	0.0860	69	152	260
7/3/2026	Fine	19.3	1020.2	7937.22	7961.22	1440	40	0.9	1257	2.7511	2.8334	0.0823	65		
13/3/2026	Fine	19.1	1022.8	7961.22	7985.22	1440	40	0.9	1261	2.7125	2.8097	0.0972	77		
19/3/2026	Fine	22.5	1015.0	7985.22	8009.22	1440	40	0.9	1240	2.7139	2.7654	0.0515	42		
25/3/2026	Fine	25.2	1012.5	8009.22	8033.22	1440	40	0.9	1229	2.7159	2.7706	0.0547	44		
31/3/2026	Fine	25.2	1011.3	8033.22	8057.22	1440	40	1.2	1665	2.7278	2.7892	0.0614	37		
												Average	**56**		
												Min	**37**		
												Max	**77**		

The Summary of 24-hour TSP Concentration (μg/m^3) at Location AM3

Start Date	Weather Condition	Avg Air Temp	Avg Atmospheric Pressure	Elapse Time		Sampling Time	Averaged Flow Rate	Flow Rate	Total Flow Volume	Filter Weight (g)		Particulate weight	Concentration	Action Level	Limit Level
		(℃)	(hPa)	Initial	Final	(minutes)	(cfm)	(m^3/min)	(m^3)	Initial	Final	(g)	(μg/m^3)	(μg/m^3)	(μg/m3)
2/3/2026	Fine	21.2	1012.4	8541.82	8565.82	1440	42	0.9	1331	2.7639	2.8450	0.0811	61	163	260
7/3/2026	Fine	19.3	1020.2	8565.82	8589.82	1440	42	0.9	1347	2.7658	2.8640	0.0982	73		
13/3/2026	Fine	19.1	1022.8	8589.82	8613.82	1440	42	1.0	1369	2.7152	2.8230	0.1078	79		
19/3/2026	Fine	22.5	1015.0	8613.82	8637.82	1440	42	0.9	1331	2.7188	2.7854	0.0666	50		
25/3/2026	Fine	25.2	1012.5	8637.82	8661.82	1440	42	0.9	1338	2.7337	2.7936	0.0599	45		
31/3/2026	Fine	25.2	1011.3	8661.82	8685.82	1440	40	1.2	1681	2.7166	2.7915	0.0749	45		
												Average	**59**		
												Min	**45**		
												Max	**79**		

Remarks:
1. Orange Text equal to exceed Action Level
2. Red Text equal to exceed Limit Level

Noise

Impact Phase Construction Noise Monitoring Data at Location NM1a

Date	Weather	Wind speed	Start Time	End Time	L_{eq} (dB(A))							L_{10} (dB(A))						L_{90} (dB(A))					
		m/s			1st	2nd	3rd	4th	5th	6th	Overall (30min)	1st	2nd	3rd	4th	5th	6th	1st	2nd	3rd	4th	5th	6th
2/3/2026	Fine	1.0	11:20	11:50	60.2	61.2	60.9	60.6	59.4	59.6	60.4	62.4	63.9	62.5	61.9	60.5	60.6	59.6	58.4	59.2	58.3	57.6	56.6
13/3/2026	Fine	1.2	10:00	10:30	59.1	59.4	60.3	55.6	56.1	56.9	58.3	60.4	60.8	62.4	57.1	59.2	57.9	57.1	56.4	59.3	53.6	55.1	53.3
19/3/2026	Fine	1.0	15:10	15:40	59.3	60.1	58.4	59.2	62.3	60.1	60.1	61.4	62.3	60.2	61.8	63.7	62.1	57.6	59.1	56.1	56.4	60.4	58.3
25/3/2026	Fine	1.2	15:40	16:10	60.2	58.6	60.4	61.4	61.9	60.6	60.6	62.6	59.4	61.9	62.6	63.2	61.9	59.4	56.6	59.4	58.6	59.1	58.4
31/3/2026	Fine	0.2	16:39	17:09	60.4	62.3	61.6	62.4	63.5	61.4	62.0	63.4	65.6	63.7	66.2	66.8	65.3	57.4	58.2	58.0	59.4	60.5	58.9

Average	60.4
Baseline Level	55.4
Action Level	When one valid documented complaint is received
Limit Level	75

Impact Phase Construction Noise Monitoring Data at Location NM2a

Date	Weather	Wind speed	Start Time	End Time	L_{eq} (dB(A))							L_{10} (dB(A))						L_{90} (dB(A))					
		m/s			1st	2nd	3rd	4th	5th	6th	Overall (30min)	1st	2nd	3rd	4th	5th	6th	1st	2nd	3rd	4th	5th	6th
2/3/2026	Fine	1.2	10:40	11:10	45.6	47.1	47.2	46.9	47.4	47.3	47.0	47.6	49.1	50.1	48.9	49.3	50.2	42.1	45.2	45.6	44.5	44.1	45.9
13/3/2026	Fine	1.2	11:30	12:00	58.7	59.6	58.4	56.4	57.8	54.5	57.9	60.2	61.9	60.3	59.2	60.5	58.6	56.3	58.1	56.6	51.4	55.6	53.2
19/3/2026	Fine	1.1	11:00	11:30	51.3	54.4	53.6	54.1	52.5	53.3	53.3	53.2	56.2	55.1	55.4	54.3	54.9	50.1	53.1	52.6	53.2	50.3	51.7
25/3/2026	Fine	1.1	11:30	12:00	47.6	48.1	49.2	50.2	51.4	52.6	50.2	49.6	50.2	51.4	51.4	52.9	54.4	45.1	46.2	47.6	49.1	49.4	50.6
31/3/2026	Fine	0.1	15:04	15:34	48.9	49.1	51.7	52.9	50.4	50.1	50.8	50.4	51.5	53.8	54.3	54.0	53.6	45.3	46.2	47.0	49.5	46.7	46.3

Average	53.4
Baseline Level	54.5
Action Level	When one valid documented complaint is received
Limit Level	75

Water Quality

Monitoring Location: WM1

Date	Time	Weather	Water Depth (m)	Water Flow (L/s)	Water Temperature (°C)	DO (mg/L)			pH			Turbidity (NTU)			SS (mg/L)		
13-Mar-26	10:19	Fine	0.4	1.0	16.9	7.9	<7.4	<4	7.6	>7.7	>7.8	3.7	>9.2	>9.5	3.9	>9.7	>11.4

Monitoring Location: WM2

Date	Time	Weather	Water Depth (m)	Water Flow (L/s)	Water Temperature (°C)	DO (mg/L)			pH			Turbidity (NTU)			SS (mg/L)		
						Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level
13-Mar-26	8:36	Fine	0.60	0.2	17.7	7.6	<5	<4	7.4	>7.6	>7.7	22.4	>108.3	>108.9	21.8	>94.5	>94.7

Remarks

1. Sample will be grabbed on surface when the water depth is less than 1m.

2. "TBC" equal to "To be confirm"

3. Orange Text equal to exceed Action Level

4. Red Text equal to exceed Limit Level

ALS Technichem (HK) Pty Ltd

ALS Laboratory Group
ANALYTICAL CHEMISTRY & TESTING SERVICES

CERTIFICATE OF ANALYSIS

Client	: ACUMEN LABORATORY AND TESTING LIMITED	Laboratory	: ALS Technichem (HK) Pty Ltd	Page	: 1 of 9
Contact	: MR. HUNTINGTON HUI	Contact	: Richard Fung	Work Order	: HK2611037
Address	: WORKSHOP 04, 7/F, THE WHITNEY NO.183 WAI YIP STREET, KWUN TONG, KOWLOON	Address	: 11/F., Chung Shun Knitting Centre, 1 - 3 Wing Yip Street, Kwai Chung, N.T., Hong Kong		
E-mail	: Huntington.Hui@aurecongroup.com	E-mail	: richard.fung@alsglobal.com		
Telephone	: ----	Telephone	: +852 2610 1044		
Facsimile	: ----	Facsimile	: +852 2610 2021		
Project	: NENTX			Date Samples Received	: 13-Mar-2026
Order number	: ----	Quote number	: HKE/1017/2026_V2	Issue Date	: 30-Mar-2026
C-O-C number	: ----			No. of samples received	: 2
Site	:			No. of samples analysed	: 2

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This document has been signed by those names that appear on this report and are the authorised signatories.

Signatories	*Position*	*Authorised results for*
Fung Lim Chee, Richard	Managing Director	Inorganics
Fung Lim Chee, Richard	Managing Director	Metals_ENV
Ng Sin Kou, May	Laboratory Manager	Microbiology_ENV

General Comments

This report supersedes any previous report(s) with the same work order number. All pages of this report have been checked and approved for release. When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes. Testing period is from 13-Mar-2026 to 30-Mar-2026.

Key: LOR = Limit of reporting; CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

Specific Comments for Work Order: HK2611037

Sample information (Project name, Sample ID, Sampling date/time, etc.) is provided by client.

Result(s) of sample(s) is/are reported on as received basis, unless otherwise specified. The result(s) is/are related only to the item(s) tested.

Sample(s) was/ were submitted by client. Sample(s) arrived laboratory in chilled condition.

Microbiological sample(s) was/ were collected in 250mL sterile plastic bottles containing sodium thiosulfate. Sample(s) arrived at the laboratory at 13:40.

NOT DETECTED denotes result(s) is (are) less than the Limit of Report (LOR).

ED037 - Titration end point for Total Alkalinity is pH 4.5 while end point for Total Alkalinity <20mg/L is pH 4.2.

Water sample(s) digested by in-house method E-3005 prior to the determination of total metals. The in-house method is developed based on USEPA method 3005.

EK058A - Nitrate is the difference of Nitrite + Nitrate and Nitrite.

Analytical Results

Sub-Matrix: **WATER**

Compound	CAS Number	LOR	Unit	Sample ID	WM 1	WM2	----	----	----
				Sampling date / time	13-Mar-2026	13-Mar-2026	----	----	----
					HK2611037-001	HK2611037-002	-------	-------	-------
EA/ED: Physical and Aggregate Properties									
EA025: Suspended Solids (SS)	----	0.1	mg/L		3.9	21.8	----	----	----
ED037: Total Alkalinity as CaCO3	----	1	mg/L		7	56	----	----	----
ED/EK: Inorganic Nonmetallic Parameters									
ED041K: Sulphate as SO4 - Turbidimetric	----	1	mg/L		13	22	----	----	----
ED045K: Chloride	16887-00-6	0.5	mg/L		8	7	----	----	----
EK055K: Ammonia as N	7664-41-7	0.01	mg/L		0.02	0.23	----	----	----
EK058A: Nitrate as N	14797-55-8	0.01	mg/L		0.03	0.09	----	----	----
EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L		<0.1	0.7	----	----	----
EK071K: Reactive Phosphorus as P	14265-44-2	0.01	mg/L		<0.01	<0.01	----	----	----
EK086: Sulphite as SO3 2-	14265-45-3	2	mg/L		<2	<2	----	----	----
EP: Aggregate Organics									
EP005: Total Organic Carbon	----	1	mg/L		2	3	----	----	----
EP020: Oil & Grease	----	5	mg/L		<5	<5	----	----	----
EP026C: Chemical Oxygen Demand	----	5	mg/L		7	7	----	----	----
EP030: Biochemical Oxygen Demand	----	2	mg/L		<2	<2	----	----	----
EG: Metals and Major Cations - Total									
EG020: Cadmium	7440-43-9	0.2	µg/L		<0.2	<0.2	----	----	----
EG020: Copper	7440-50-8	1	µg/L		2	8	----	----	----
EG020: Lead	7439-92-1	1	µg/L		1	2	----	----	----
EG020: Manganese	7439-96-5	1	µg/L		32	1170	----	----	----
EG020: Nickel	7440-02-0	1	µg/L		<1	1	----	----	----
EG020: Zinc	7440-66-6	10	µg/L		24	45	----	----	----
EG032: Calcium	7440-70-2	50	µg/L		3820	22000	----	----	----
EG032: Iron	7439-89-6	10	µg/L		460	2550	----	----	----
EG032: Magnesium	7439-95-4	50	µg/L		590	1480	----	----	----
EG032: Potassium	7440-09-7	50	µg/L		390	5340	----	----	----
EG032: Sodium	7440-23-5	50	µg/L		9350	8740	----	----	----
EM: Microbiological Testing									
EM002: E. coli	----	1	CFU/100mL		3000	1500	----	----	----

Sub-Matrix: WATER			Sample ID	WM 1	WM2	----	----	----
			Sampling date / time	13-Mar-2026	13-Mar-2026	----	----	----
Compound	CAS Number	LOR	Unit	HK2611037-001	HK2611037-002	--------	--------	--------
EM: Microbiological Testing - Continued								
EM003: Total Coliforms	----	1	CFU/100mL	5200	4300	----	----	----

-------- END OF REPORT --------

Laboratory Duplicate (DUP) Report

In the Laboratory Duplicate (DUP) report, RPD (%) of sample duplicate reporting "0.0" denotes that the difference between unrounded results of the sample and its duplicate analyses is less than the value of the limit of reporting of the specific testing. The RPD (%) meets the quality control requirement of the corresponding testing procedure.

Matrix: **WATER**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 7272168)								
HK2610959-021	Anonymous	EA025: Suspended Solids (SS)	----	0.5	mg/L	4.9	5.4	9.7
HK2610959-028	Anonymous	EA025: Suspended Solids (SS)	----	0.5	mg/L	6.3	6.7	6.2
EA/ED: Physical and Aggregate Properties (QC Lot: 7273425)								
HK2610949-004	Anonymous	ED037: Total Alkalinity as CaCO3	----	1	mg/L	152	154	1.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7271145)								
HK2611017-001	Anonymous	EK071K: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7274066)								
HK2610131-001	Anonymous	EK086: Sulphite as SO3 2-	14265-45-3	2	mg/L	<2	<2	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290575)								
HK2611410-012	Anonymous	ED041K: Sulphate as SO4 - Turbidimetric	----	1	mg/L	<1	<1	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290576)								
HK2611410-012	Anonymous	ED045K: Chloride	16887-00-6	1	mg/L	<1	<1	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7294306)								
HK2611037-001	WM 1	EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	<0.1	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7296896)								
HK2611037-001	WM 1	EK055K: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.01	0.0
EP: Aggregate Organics (QC Lot: 7290438)								
HK2611749-001	Anonymous	EP026C: Chemical Oxygen Demand	----	5	mg/L	<5	<5	0.0
EP: Aggregate Organics (QC Lot: 7293486)								
HK2611961-005	Anonymous	EP005: Total Organic Carbon	----	1	mg/L	<1	<1	0.0
EG: Metals and Major Cations - Total (QC Lot: 7273604)								
HK2610945-001	Anonymous	EG032: Iron	7439-89-6	0.01	mg/L	0.01	0.01	0.0
		EG032: Calcium	7440-70-2	0.05	mg/L	17.0	17.3	1.4
		EG032: Magnesium	7439-95-4	0.05	mg/L	1.88	1.90	1.3
		EG032: Potassium	7440-09-7	0.05	mg/L	4.22	4.26	0.9
		EG032: Sodium	7440-23-5	0.05	mg/L	293	290	1.0
EG: Metals and Major Cations - Total (QC Lot: 7273607)								
HK2611020-001	Anonymous	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0

Matrix: **WATER**

Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Laboratory Duplicate (DUP) Report				
				LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations - Total (QC Lot: 7273607) - Continued								
HK2611020-001	Anonymous	**EG020: Copper**	7440-50-8	1	µg/L	4	4	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Manganese	7439-96-5	1	µg/L	1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG020: Zinc	7440-66-6	10	µg/L	24	23	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
					Spike Concentration	Spike Recovery (%)		Recovery Limits(%)		RPD (%)	
		LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 7272168)											
EA025: Suspended Solids (SS)	----	0.5	mg/L	<0.5	10 mg/L	104	----	85.0	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 7273425)											
ED037: Total Alkalinity as CaCO3	----	1	mg/L	<1	50 mg/L	104	----	95.0	105	----	----
				<1	2000 mg/L	100	----	95.0	105	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7271145)											
EK071K: Reactive Phosphorus as P	14265-44-2	0.01	mg/L	<0.01	0.5 mg/L	98.9	----	90.9	108	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7274066)											
EK086: Sulphite as SO3 2-	14265-45-3	2	mg/L	<2	----	----	----	----	----	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290575)											
ED041K: Sulphate as SO4 - Turbidimetric	----	1	mg/L	<1	5 mg/L	99.9	----	87.2	117	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290576)											
ED045K: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	103	----	92.2	106	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7294306)											
EK061A: Total Kjeldahl Nitrogen as N	----	0.1	mg/L	<0.1	0.5 mg/L	94.3	----	85.0	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7296896)											
EK055K: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	81.9	117	----	----
EP: Aggregate Organics (QC Lot: 7271992)											
EP030: Biochemical Oxygen Demand	----	----	mg/L	----	198 mg/L	94.5	----	85.0	115	----	----

Matrix: **WATER**

Method: Compound	CAS Number	Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
					Spike Concentration	Spike Recovery (%)		Recovery Limits(%)		RPD (%)	
		LOR	Unit	Result		LCS	DCS	Low	High	Value	Control Limit
EP: Aggregate Organics (QC Lot: 7290438)											
EP026C: Chemical Oxygen Demand	----	----	mg/L	----	25 mg/L	107	----	90.3	111	----	----
				----	250 mg/L	103	----	95.0	105	----	----
EP: Aggregate Organics (QC Lot: 7291566)											
EP020: Oil & Grease	----	2	mg/L	<2	20 mg/L	97.2	----	83.2	106	----	----
EP: Aggregate Organics (QC Lot: 7293486)											
EP005: Total Organic Carbon	----	1	mg/L	<1	5 mg/L	113	----	85.0	115	----	----
				<1	100 mg/L	104	----	82.6	118	----	----
EG: Metals and Major Cations - Total (QC Lot: 7273604)											
EG032: Calcium	7440-70-2	0.05	mg/L	<0.05	2 mg/L	97.9	----	85.0	115	----	----
EG032: Iron	7439-89-6	0.01	mg/L	<0.01	2 mg/L	106	----	85.0	115	----	----
EG032: Magnesium	7439-95-4	0.05	mg/L	<0.05	2 mg/L	102	----	85.0	115	----	----
EG032: Potassium	7440-09-7	0.05	mg/L	<0.05	2 mg/L	100	----	85.0	115	----	----
EG032: Sodium	7440-23-5	0.05	mg/L	<0.05	2 mg/L	104	----	85.0	115	----	----
EG: Metals and Major Cations - Total (QC Lot: 7273607)											
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	5 µg/L	99.8	----	85.0	109	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	50 µg/L	99.9	----	90.0	111	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	50 µg/L	89.7	----	89.0	111	----	----
EG020: Manganese	7439-96-5	1	µg/L	<1	50 µg/L	95.1	----	85.0	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	50 µg/L	90.9	----	87.0	110	----	----
EG020: Zinc	7440-66-6	10	µg/L	<10	50 µg/L	97.6	----	86.0	114	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: **WATER**

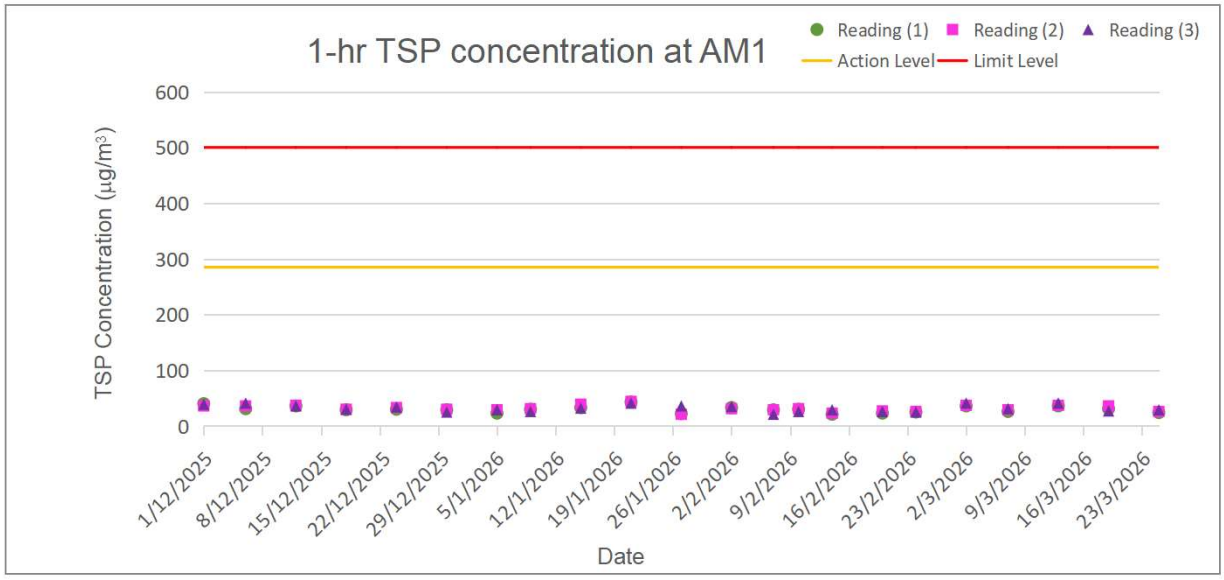
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
				Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7271145)										
HK2611017-001	Anonymous	**EK071K: Reactive Phosphorus as P**	14265-44-2	0.5 mg/L	103	----	75.0	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290575)										
HK2611410-012	Anonymous	**ED041K: Sulphate as SO4 - Turbidimetric**	----	5 mg/L	91.5	----	75.0	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7290576)										
HK2611410-012	Anonymous	**ED045K: Chloride**	16887-00-6	5 mg/L	88.9	----	75.0	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7294306)										
HK2611037-001	WM 1	**EK061A: Total Kjeldahl Nitrogen as N**	----	0.5 mg/L	101	----	75.0	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 7296896)										
HK2611037-001	WM 1	**EK055K: Ammonia as N**	7664-41-7	0.5 mg/L	106	----	75.0	125	----	----
EP: Aggregate Organics (QC Lot: 7290438)										
HK2611749-001	Anonymous	**EP026C: Chemical Oxygen Demand**	----	10 mg/L	99.0	----	75.0	125	----	----
EP: Aggregate Organics (QC Lot: 7293486)										
HK2611961-005	Anonymous	**EP005: Total Organic Carbon**	----	5 mg/L	114	----	75.0	125	----	----
EG: Metals and Major Cations - Total (QC Lot: 7273604)										
HK2610942-001	Anonymous	**EG032: Calcium**	7440-70-2	2 mg/L	# Not Determined	----	75.0	125	----	----
		EG032: Iron	7439-89-6	2 mg/L	103	----	75.0	125	----	----
		EG032: Magnesium	7439-95-4	2 mg/L	104	----	75.0	125	----	----
		EG032: Potassium	7440-09-7	2 mg/L	120	----	75.0	125	----	----
		EG032: Sodium	7440-23-5	2 mg/L	# Not Determined	----	75.0	125	----	----
EG: Metals and Major Cations - Total (QC Lot: 7273607)										
HK2611017-001	Anonymous	**EG020: Cadmium**	7440-43-9	5 µg/L	96.3	----	75.0	125	----	----
		EG020: Copper	7440-50-8	50 µg/L	97.6	----	75.0	125	----	----
		EG020: Lead	7439-92-1	50 µg/L	89.2	----	75.0	125	----	----

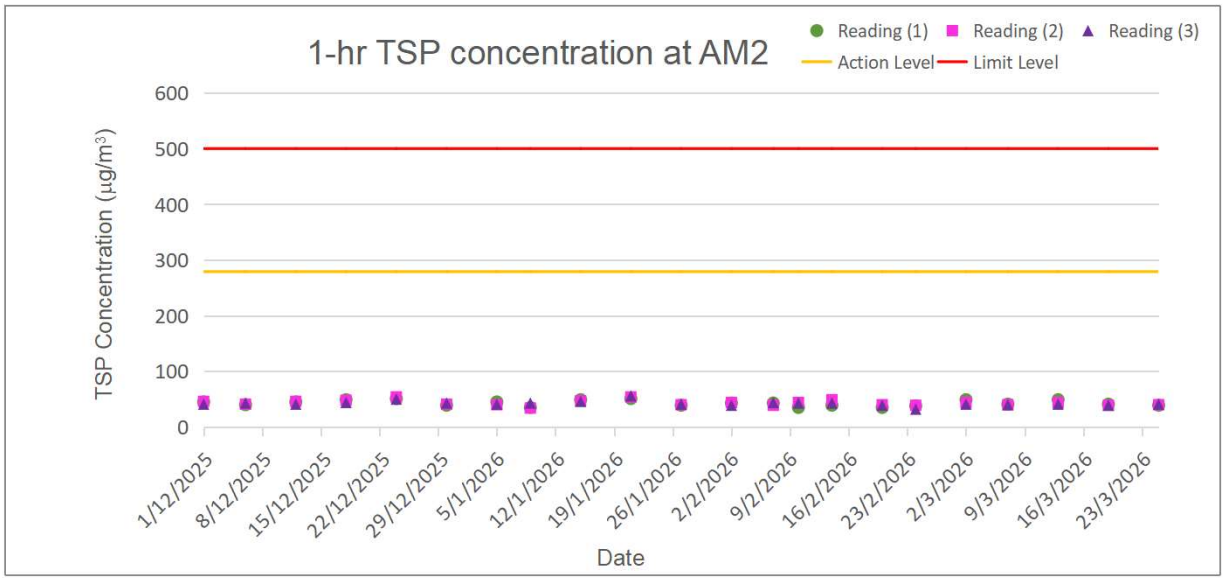
Matrix: **WATER**

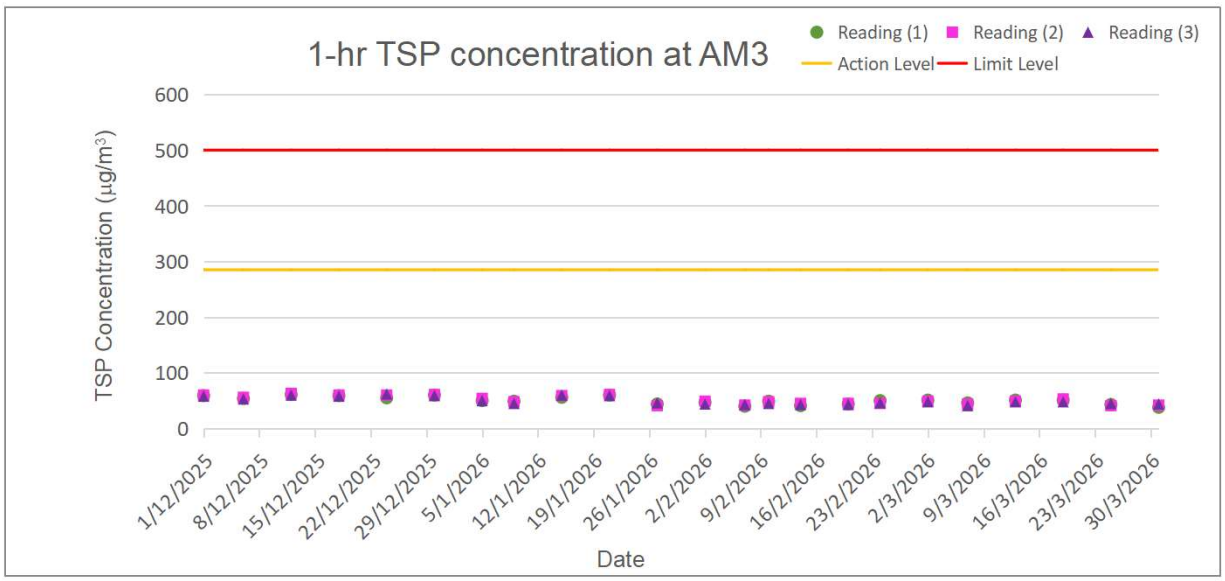
Laboratory sample ID	Sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report: Spike Concentration	Spike Recovery (%): MS	Spike Recovery (%): MSD	Recovery Limits (%): Low	Recovery Limits (%): High	RPD (%): Value	RPD (%): Control Limit
EG: Metals and Major Cations - Total (QC Lot: 7273607) - Continued										
HK2611017-001	Anonymous	**EG020: Manganese**	7439-96-5	50 µg/L	94.2	----	75.0	125	----	----
		EG020: Nickel	7440-02-0	50 µg/L	91.1	----	75.0	125	----	----
		EG020: Zinc	7440-66-6	50 µg/L	94.9	----	75.0	125	----	----

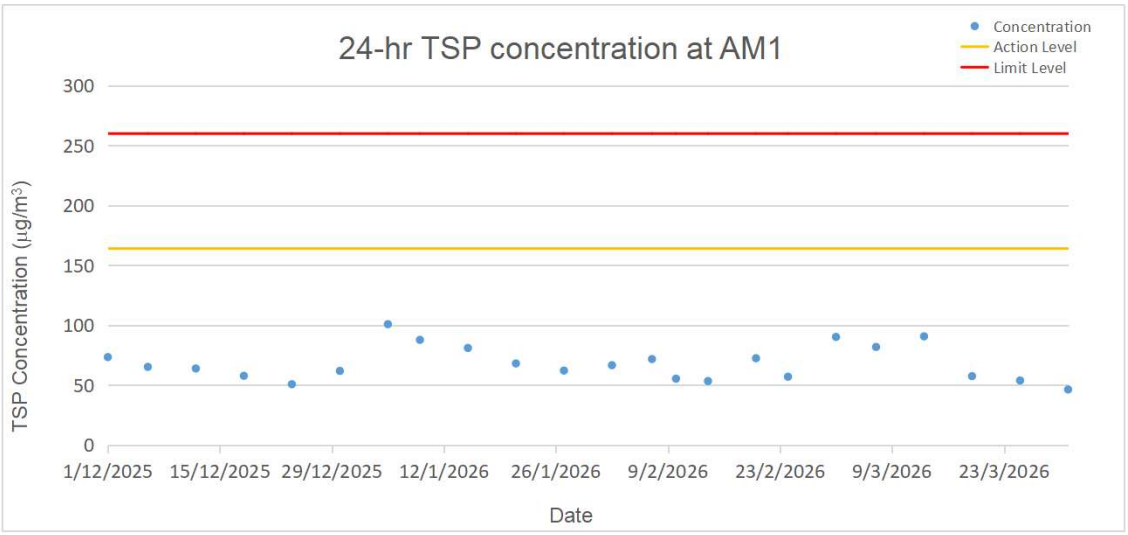
Appendix G Graphical Presentations

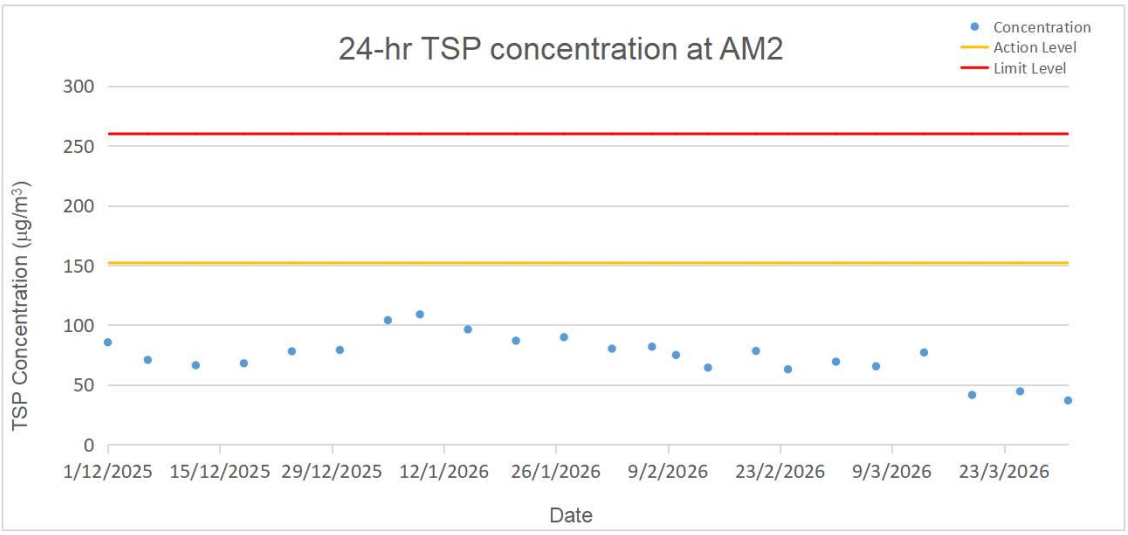
Air Quality

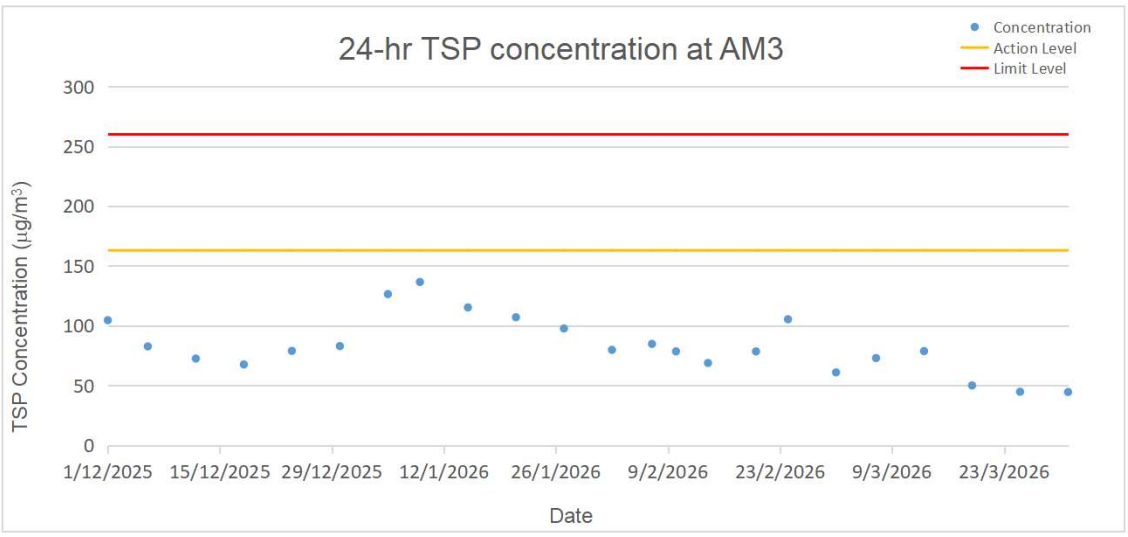

1-hr TSP concentration at AM1
Reading (1)
Reading (2)
Reading (3)
Action Level
Limit Level
TSP Concentration (μg/m³)
600
500
400
300
200
100
0
1/12/2025
8/12/2025
15/12/2025
22/12/2025
29/12/2025
5/1/2026
12/1/2026
19/1/2026
26/1/2026
2/2/2026
9/2/2026
16/2/2026
23/2/2026
2/3/2026
9/3/2026
16/3/2026
23/3/2026
Date


1-hr TSP concentration at AM2
Reading (1)
Reading (2)
Reading (3)
Action Level
Limit Level
TSP Concentration (μg/m³)
600
500
400
300
200
100
0
1/12/2025
8/12/2025
15/12/2025
22/12/2025
29/12/2025
5/1/2026
12/1/2026
19/1/2026
26/1/2026
2/2/2026
9/2/2026
16/2/2026
23/2/2026
2/3/2026
9/3/2026
16/3/2026
23/3/2026
Date

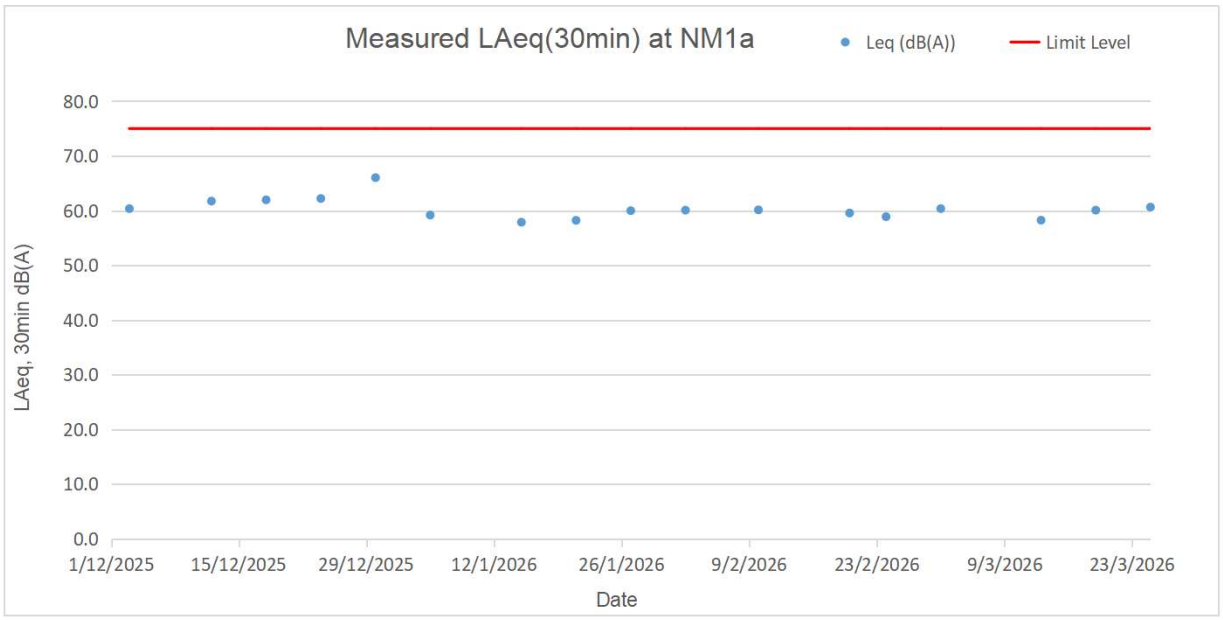

1-hr TSP concentration at AM3
Reading (1)
Reading (2)
Reading (3)
Action Level
Limit Level
TSP Concentration (μg/m³)
600
500
400
300
200
100
0
1/12/2025
8/12/2025
15/12/2025
22/12/2025
29/12/2025
5/1/2026
12/1/2026
19/1/2026
26/1/2026
2/2/2026
9/2/2026
16/2/2026
23/2/2026
2/3/2026
9/3/2026
16/3/2026
23/3/2026
30/3/2026
Date

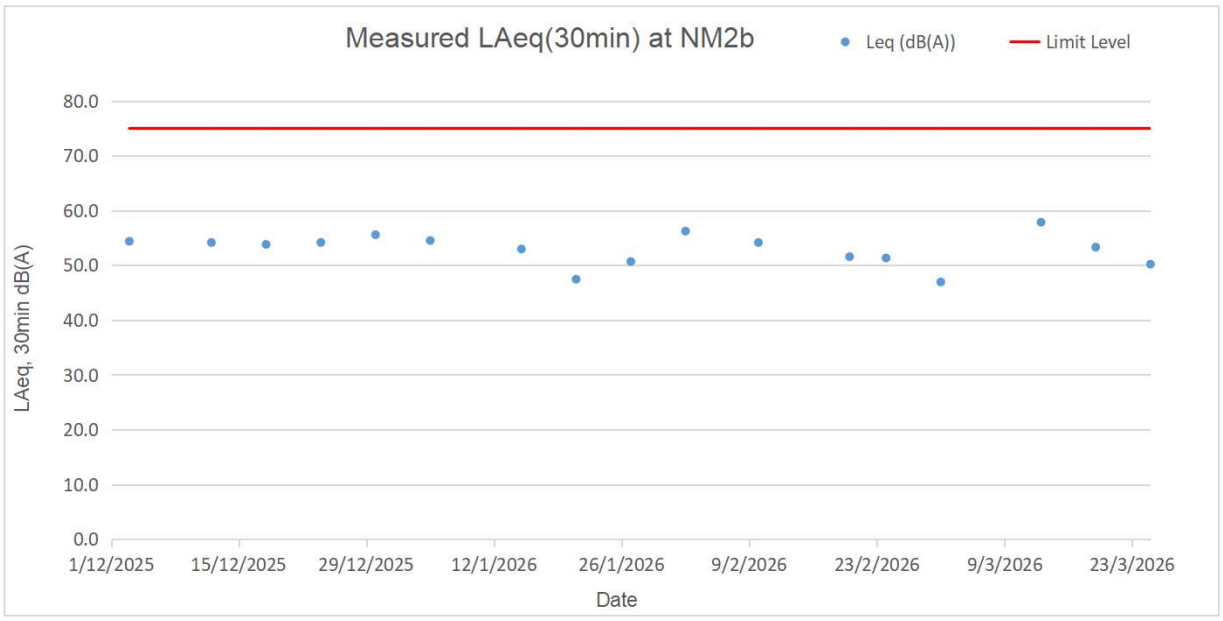

24-hr TSP concentration at AM1
Concentration
Action Level
Limit Level
TSP Concentration (µg/m³)
300
250
200
150
100
50
0
1/12/2025
15/12/2025
29/12/2025
12/1/2026
26/1/2026
9/2/2026
23/2/2026
9/3/2026
23/3/2026
Date


24-hr TSP concentration at AM2
Concentration
Action Level
Limit Level
TSP Concentration (µg/m³)
300
250
200
150
100
50
0
1/12/2025
15/12/2025
29/12/2025
12/1/2026
26/1/2026
9/2/2026
23/2/2026
9/3/2026
23/3/2026
Date


24-hr TSP concentration at AM3
Concentration
Action Level
Limit Level
TSP Concentration (µg/m³)
300
250
200
150
100
50
0
1/12/2025
15/12/2025
29/12/2025
12/1/2026
26/1/2026
9/2/2026
23/2/2026
9/3/2026
23/3/2026
Date

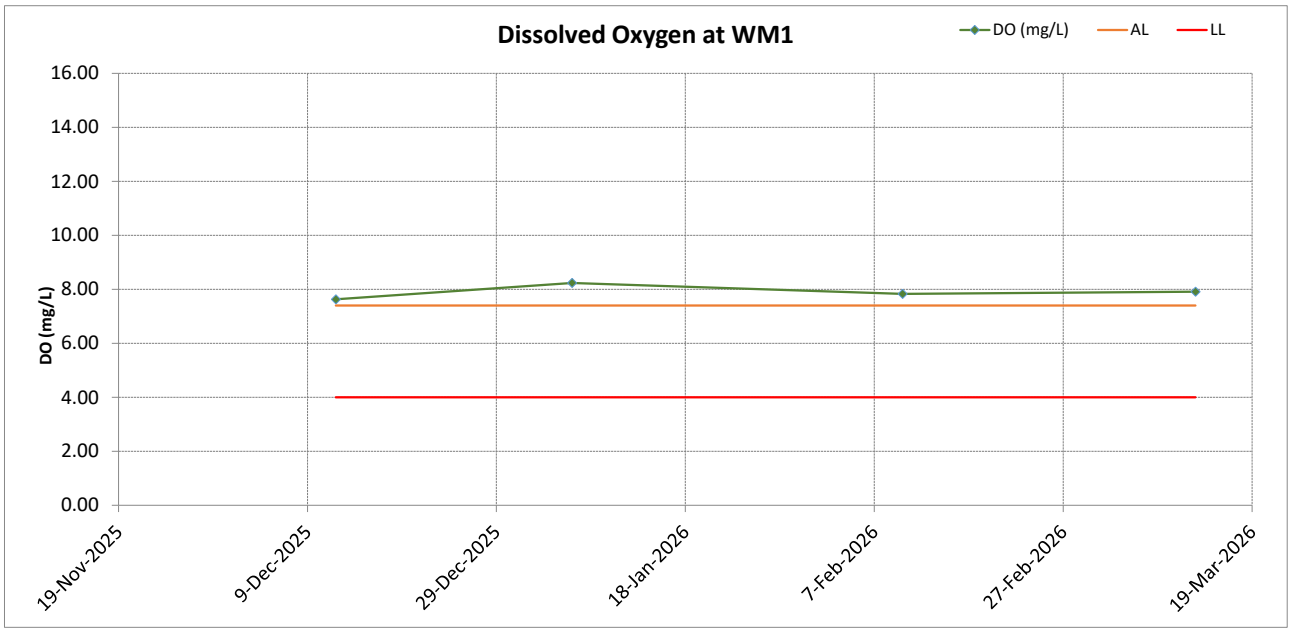
Noise

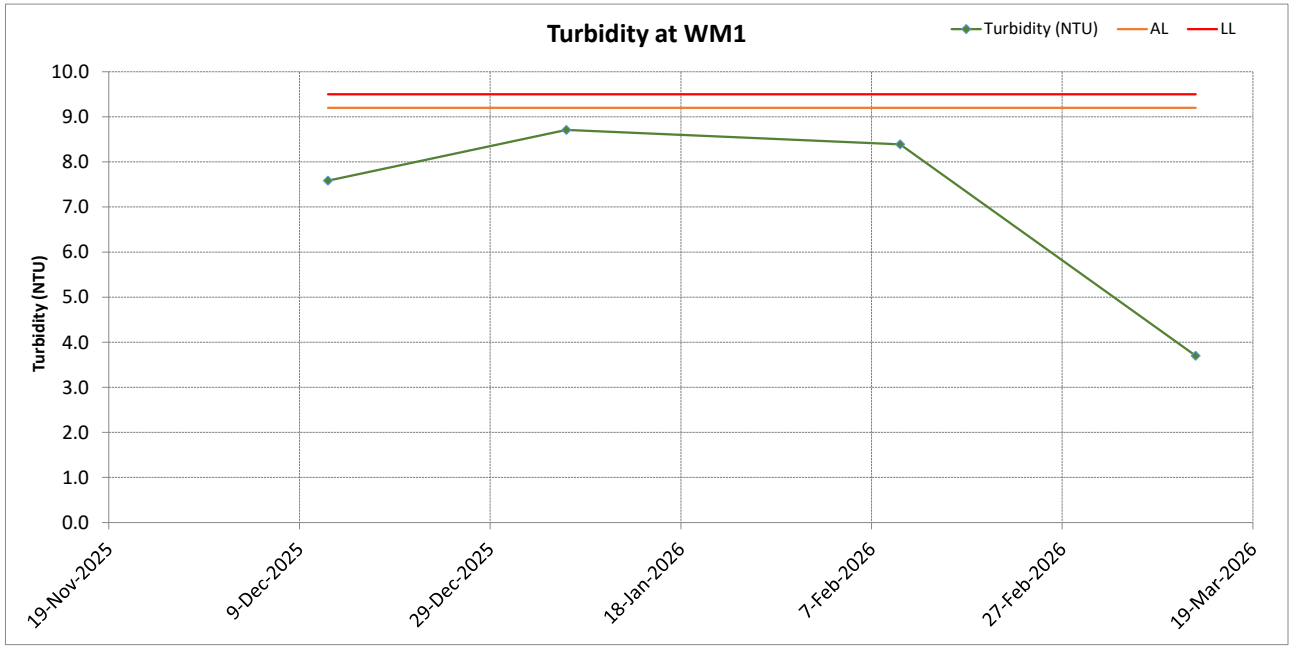

Measured LAeq(30min) at NM1a
Leq (dB(A))
Limit Level
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
LAeq, 30min dB(A)
1/12/2025
15/12/2025
29/12/2025
12/1/2026
26/1/2026
9/2/2026
23/2/2026
9/3/2026
23/3/2026
Date


Measured LAeq(30min) at NM2b
Leq (dB(A))
Limit Level
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
LAeq, 30min dB(A)
1/12/2025
15/12/2025
29/12/2025
12/1/2026
26/1/2026
9/2/2026
23/2/2026
9/3/2026
23/3/2026
Date

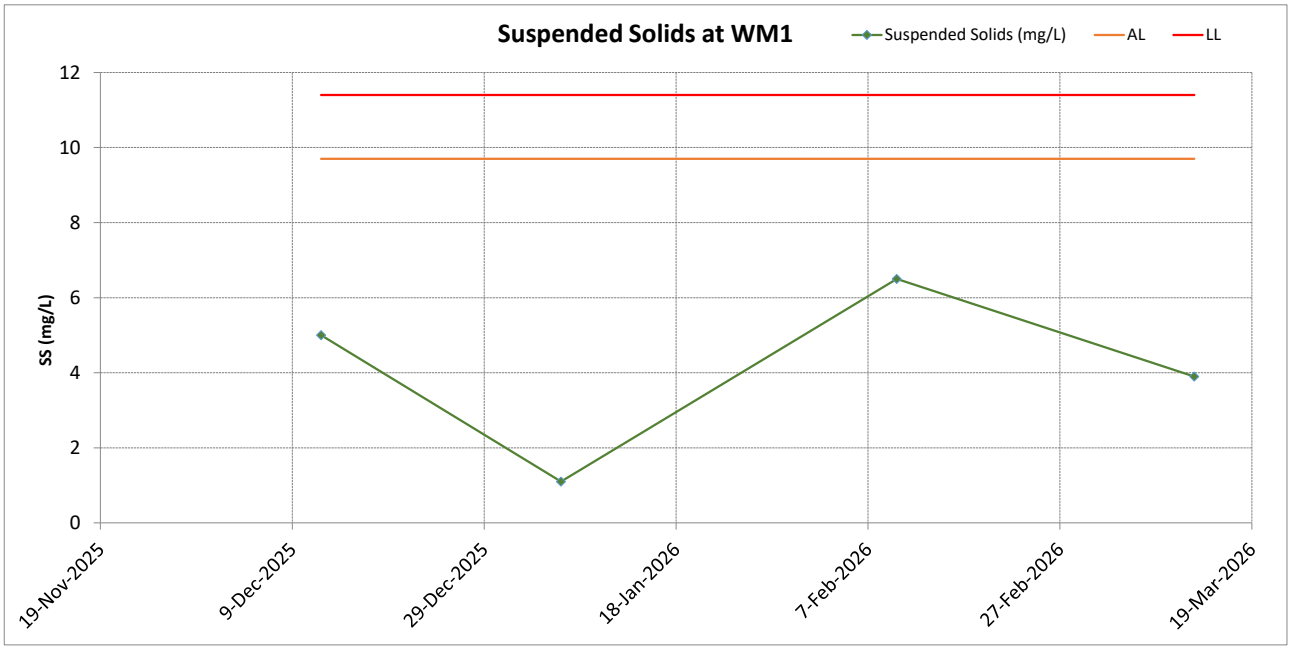
Water Quality

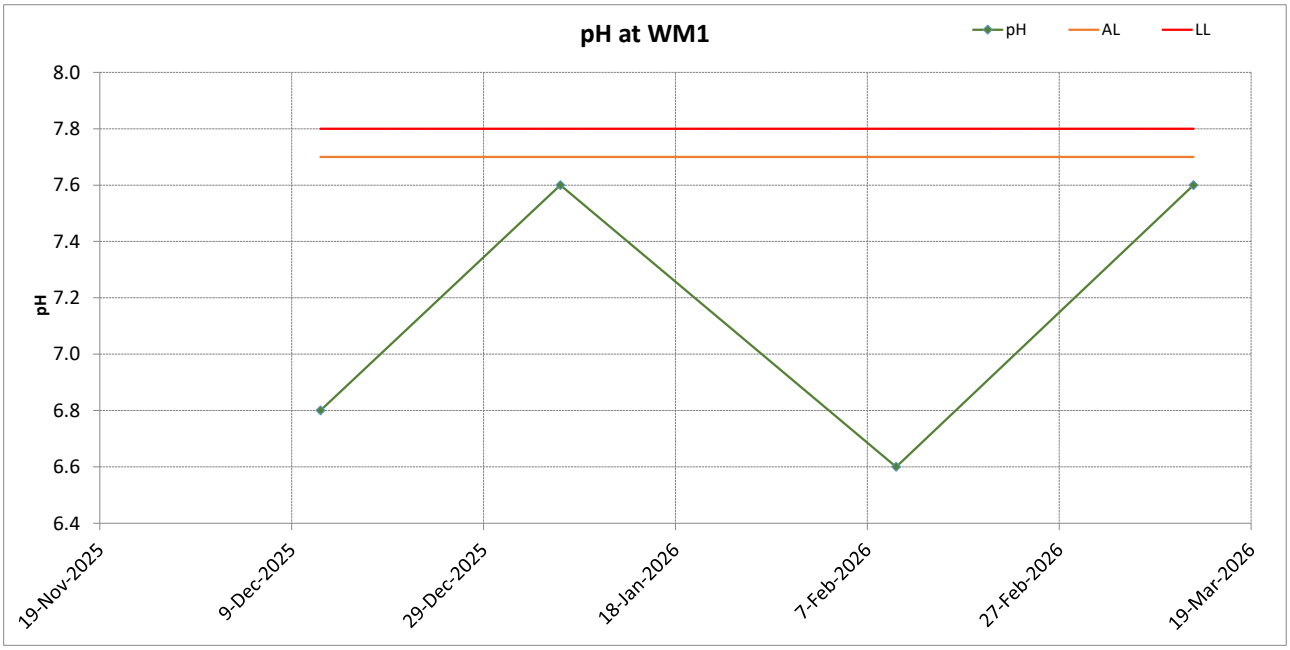
Surface Water Monitoring Results at WM1



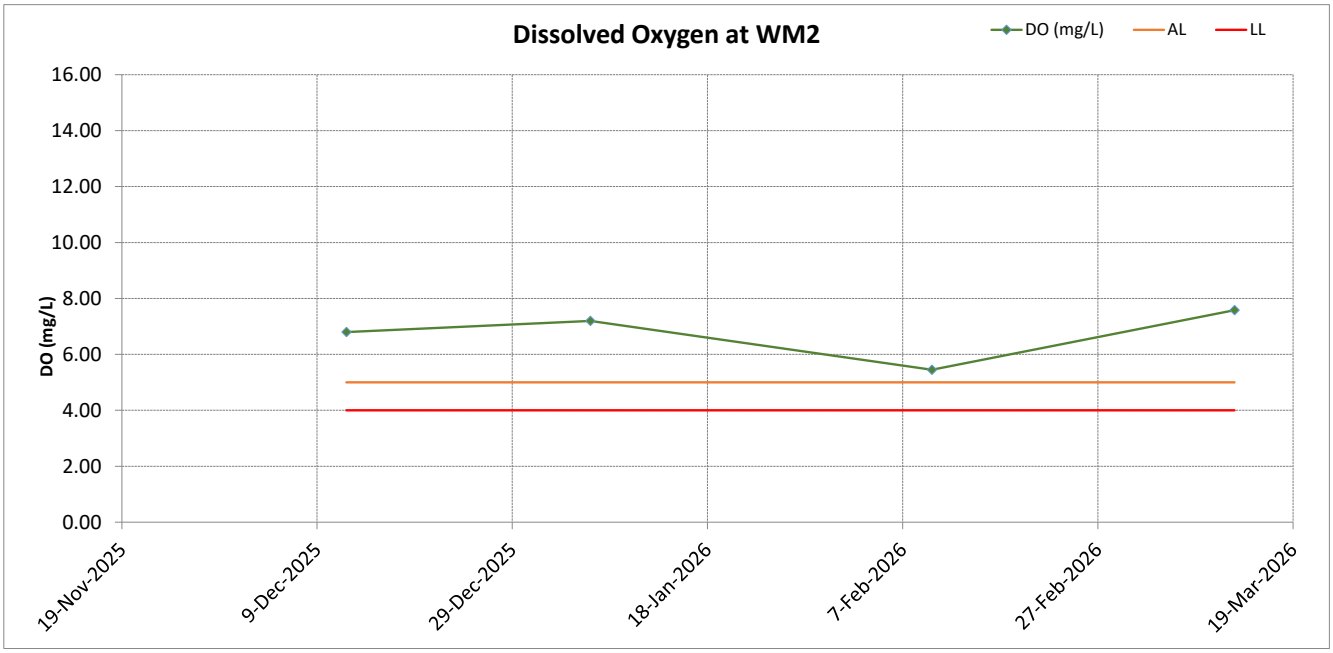


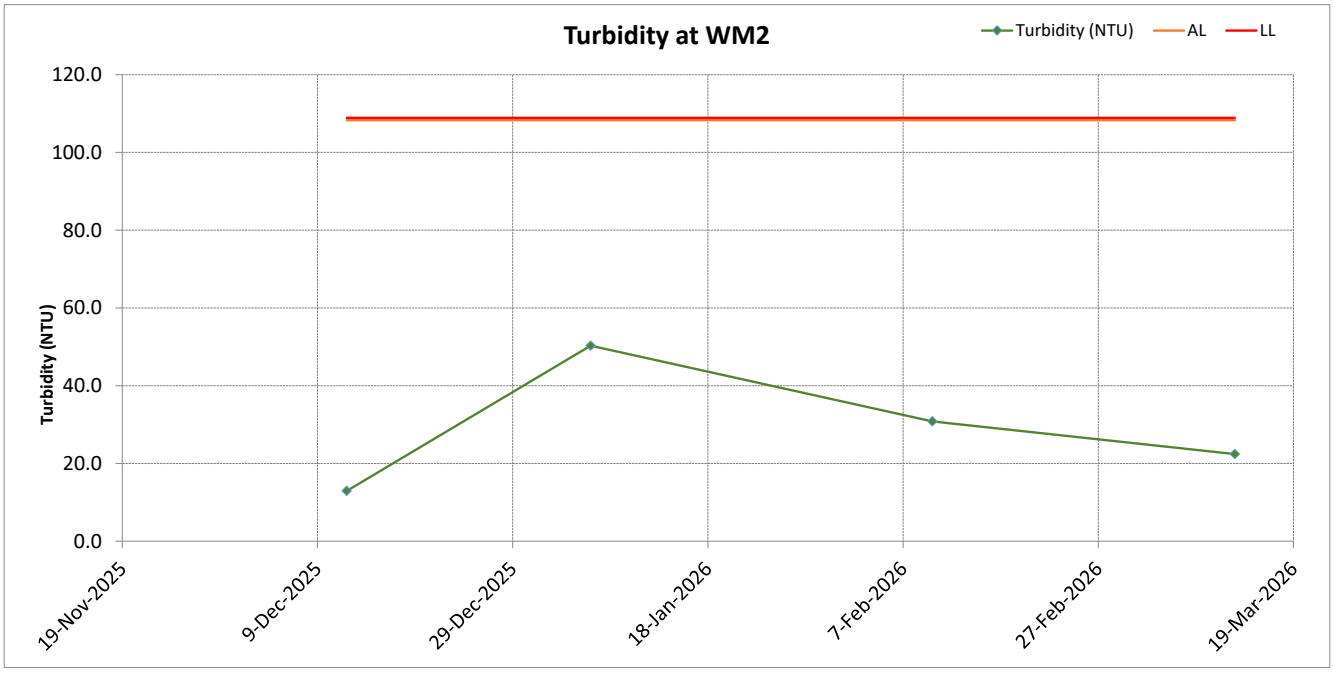
Surface Water Monitoring Results at WM1



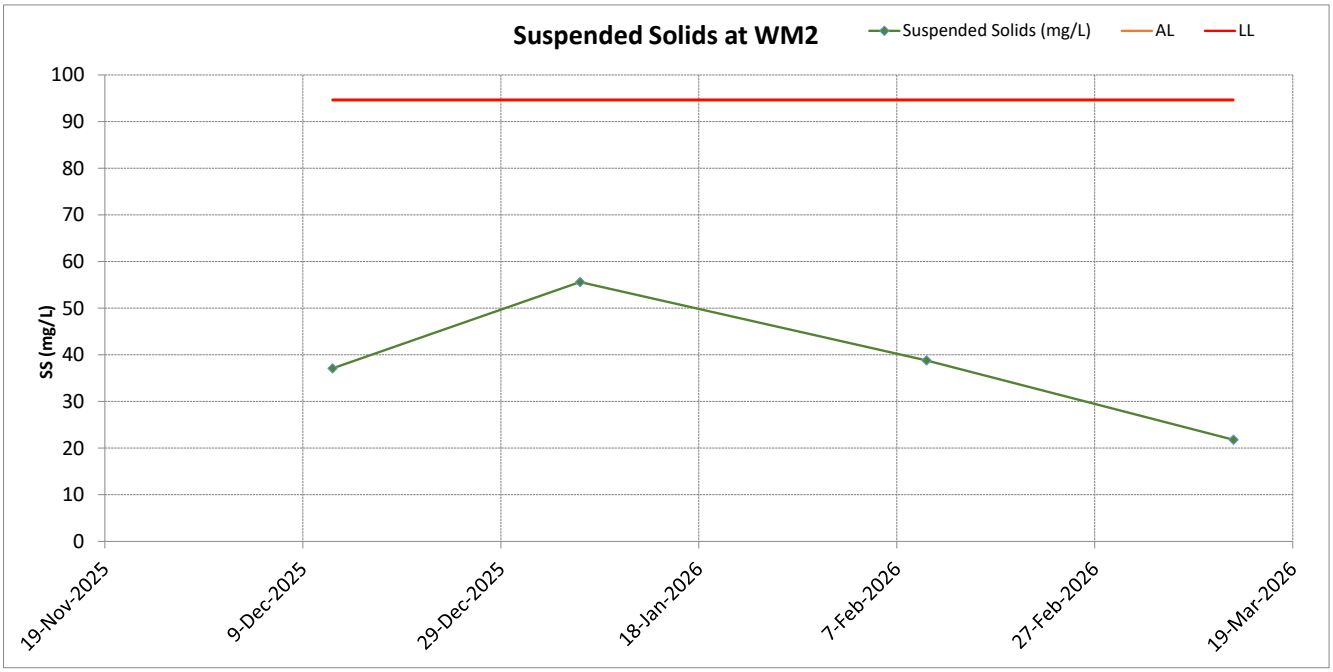


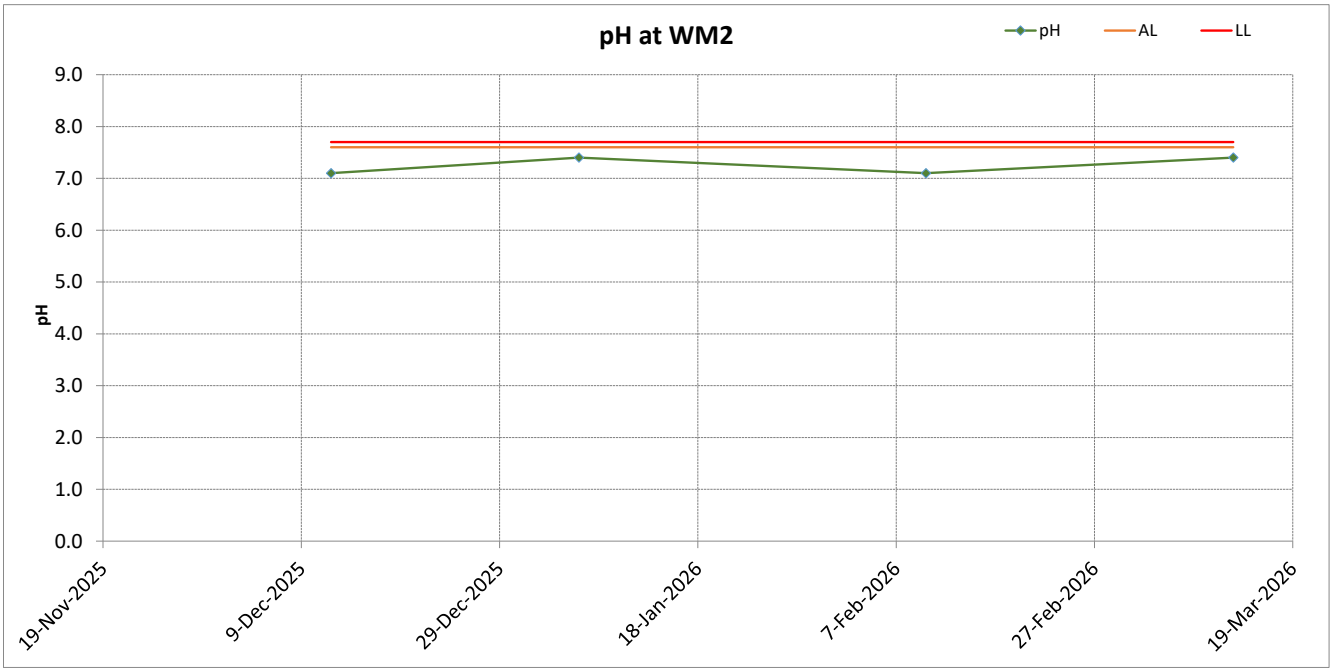
Surface Water Monitoring Results at WM2





Surface Water Monitoring Results at WM2





Appendix H Notification of Environmental Quality Limits Exceedance

Notification of Environmental Quality Limits Exceedance

Air Quality Monitoring - Construction Dust

Dust Monitoring Station	Level Exceedance	1-hr TSP Exceedance Count				24-hr TSP Exceedance Count			
		Reporting period		Accumulate project to date		Reporting period		Accumulate project to date	
		Project related	Non-project related	Project related	Non-project related	Project related	Non-project related	Project related	Non-project replated
AM1	Action	0	0	0	0	0	0	0	2
	Limit	0	0	0	0	0	0	0	3
AM2	Action	0	0	0	0	0	0	0	0
	Limit	0	0	0	0	0	0	0	0
AM3	Action	0	0	0	0	0	0	0	4
	Limit	0	0	0	0	0	0	0	3

Noise Monitoring

Noise Monitoring Station	Level Exceedance	LAeq (30mins) Exceedance Count			
		Reporting period		Accumulate project to date	
		Project related	Non-project related	Project related	Non-project related
NM1a	Action	0	0	0	2
	Limit	0	0	0	0
NM2a	Action	0	0	0	0
	Limit	0	0	0	0

Notification of Environmental Quality Limits Exceedance

Surface Water Monitoring

Surface Water Quality Monitoring Station	Level Exceedance	Exceedance Count															
		Reporting period								Accumulate project to date							
		Project related				Non-project replated				Project related				Non-project replated			
		DO	pH	Turb	SS	DO	pH	Turb	SS	DO	pH	Turb	SS	DO	pH	Turb	SS
WM1	Action	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
WM2	Action	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

Remarks:

1. “DO” equal to Dissolved Oxygen
2. “Turb” equal to Turbidity
3. “SS” equal to Suspended Solids

Landfill Gas (LFG) Monitoring

LFG Monitoring Station	Level Exceedance	Exceedance Count											
		Reporting period						Accumulate project to date					
		Project related			Non-project replated			Project related			Non-project replated		
		CH_4	CO_2	O_2	CH_4	CO_2	O_2	CH_4	CO_2	O_2	CH_4	CO_2	O_2
Portion A +50 mpD to +70 mpD Platform	Action	0	0	0	0	0	0	0	0	0	0	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	0	0
Portion B2/E1	Action	0	0	0	0	0	0	0	0	0	0	0	0
	Limit	0	0	0	0	0	0	0	0	0	0	0	0

Appendix I Wind Data

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260301	00:00	2.7	SE
20260301	00:15	3.1	SE
20260301	00:30	3.1	SE
20260301	00:45	3.6	SE
20260301	01:00	3.1	SE
20260301	01:15	3.6	SE
20260301	01:30	4.0	SE
20260301	01:45	4.0	SE
20260301	02:00	3.6	SE
20260301	02:15	2.7	SE
20260301	02:30	2.7	SE
20260301	02:45	2.7	SE
20260301	03:00	4.0	SE
20260301	03:15	4.0	SE
20260301	03:30	4.9	SE
20260301	03:45	3.6	SE
20260301	04:00	4.0	SE
20260301	04:15	3.6	SE
20260301	04:30	4.0	SE
20260301	04:45	4.0	SE
20260301	05:00	3.1	SE
20260301	05:15	1.8	SE
20260301	05:30	1.3	SE
20260301	05:45	1.8	SE
20260301	06:00	2.7	SE
20260301	06:15	3.1	SE
20260301	06:30	3.6	SE
20260301	06:45	4.0	SE
20260301	07:00	4.0	SE
20260301	07:15	4.0	SE
20260301	07:30	3.6	SE
20260301	07:45	4.0	SE
20260301	08:00	4.5	SE
20260301	08:15	3.6	SE
20260301	08:30	3.1	SE
20260301	08:45	3.6	SE
20260301	09:00	3.1	SE
20260301	09:15	2.7	SE
20260301	09:30	2.2	SE
20260301	09:45	2.2	SSE
20260301	10:00	3.1	SE
20260301	10:15	3.1	SE
20260301	10:30	2.2	SE
20260301	10:45	3.1	SE
20260301	11:00	3.1	SE
20260301	11:15	3.1	SE
20260301	11:30	1.8	SE
20260301	11:45	2.2	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260301	12:00	1.3	SE
20260301	12:15	2.2	SE
20260301	12:30	1.8	SE
20260301	12:45	2.2	SE
20260301	13:00	1.8	SE
20260301	13:15	1.3	SE
20260301	13:30	1.3	ESE
20260301	13:45	1.3	SE
20260301	14:00	1.8	SE
20260301	14:15	2.2	SE
20260301	14:30	1.3	SSE
20260301	14:45	1.3	SE
20260301	15:00	1.8	SE
20260301	15:15	0.9	SE
20260301	15:30	1.3	SE
20260301	15:45	1.3	SSE
20260301	16:00	0.9	SE
20260301	16:15	0.4	SSE
20260301	16:30	0.9	SE
20260301	16:45	1.8	SE
20260301	17:00	0.9	SE
20260301	17:15	0.4	SSW
20260301	17:30	0.4	SE
20260301	17:45	0.4	SE
20260301	18:00	0.4	SE
20260301	18:15	1.3	SE
20260301	18:30	0.9	SE
20260301	18:45	0.4	SE
20260301	19:00	0	NNE
20260301	19:15	0	NNE
20260301	19:30	0	NNE
20260301	19:45	0	SE
20260301	20:00	0.4	SE
20260301	20:15	0.4	S
20260301	20:30	1.8	SE
20260301	20:45	1.3	SE
20260301	21:00	0.4	SSE
20260301	21:15	0.4	NE
20260301	21:30	0.4	NW
20260301	21:45	0	WNW
20260301	22:00	0.9	SSE
20260301	22:15	0.4	N
20260301	22:30	0.4	N
20260301	22:45	0	E
20260301	23:00	0.9	SE
20260301	23:15	0.4	E
20260301	23:30	0	E
20260301	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260302	00:00	0.0	---
20260302	00:15	0.4	SSE
20260302	00:30	0.4	SE
20260302	00:45	0.0	NE
20260302	01:00	0.0	NE
20260302	01:15	0.4	NW
20260302	01:30	0.4	NNW
20260302	01:45	0.4	SSE
20260302	02:00	0.4	SE
20260302	02:15	0.4	N
20260302	02:30	0.0	WSW
20260302	02:45	0.0	SE
20260302	03:00	0.0	SE
20260302	03:15	0.0	---
20260302	03:30	0.0	---
20260302	03:45	0.0	---
20260302	04:00	0.4	ESE
20260302	04:15	0.4	SSE
20260302	04:30	0.0	---
20260302	04:45	0.4	N
20260302	05:00	0.0	NW
20260302	05:15	0.0	NW
20260302	05:30	0.0	ENE
20260302	05:45	0.0	---
20260302	06:00	0.0	---
20260302	06:15	0.0	---
20260302	06:30	0.4	E
20260302	06:45	0.9	ESE
20260302	07:00	0.0	ESE
20260302	07:15	0.0	---
20260302	07:30	0.0	---
20260302	07:45	0.0	ESE
20260302	08:00	0.0	ESE
20260302	08:15	0.0	NE
20260302	08:30	0.0	---
20260302	08:45	0.0	---
20260302	09:00	0.0	---
20260302	09:15	0.0	---
20260302	09:30	0.0	---
20260302	09:45	0.0	---
20260302	10:00	0.0	WNW
20260302	10:15	0.0	---
20260302	10:30	0.0	WNW
20260302	10:45	1.3	SE
20260302	11:00	0.9	SE
20260302	11:15	1.8	SE
20260302	11:30	1.8	SE
20260302	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260302	12:00	1.8	SE
20260302	12:15	1.8	SE
20260302	12:30	0.9	SE
20260302	12:45	1.8	SE
20260302	13:00	1.8	SE
20260302	13:15	1.8	SE
20260302	13:30	2.2	SE
20260302	13:45	2.2	SE
20260302	14:00	2.7	SE
20260302	14:15	1.8	SE
20260302	14:30	1.8	SE
20260302	14:45	1.8	SE
20260302	15:00	1.8	SE
20260302	15:15	0.9	SE
20260302	15:30	1.3	SE
20260302	15:45	1.3	SE
20260302	16:00	0.4	SE
20260302	16:15	0.9	SE
20260302	16:30	1.8	SE
20260302	16:45	1.3	SSE
20260302	17:00	1.3	SSE
20260302	17:15	1.8	SSE
20260302	17:30	0.9	SE
20260302	17:45	1.3	SE
20260302	18:00	1.3	SSE
20260302	18:15	0.9	SSE
20260302	18:30	0.9	SSE
20260302	18:45	0.4	SSE
20260302	19:00	0	SSE
20260302	19:15	0	---
20260302	19:30	0.4	SSE
20260302	19:45	0.9	NNW
20260302	20:00	0	NNW
20260302	20:15	0	SW
20260302	20:30	0	---
20260302	20:45	0	NNW
20260302	21:00	0.9	NNW
20260302	21:15	0.4	N
20260302	21:30	0.4	NW
20260302	21:45	0.4	E
20260302	22:00	0.4	E
20260302	22:15	0	S
20260302	22:30	0.4	S
20260302	22:45	0	S
20260302	23:00	0.4	S
20260302	23:15	0	S
20260302	23:30	0	S
20260302	23:45	0	S

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260303	00:00	0.9	NNW
20260303	00:15	0.9	NNW
20260303	00:30	1.3	NNW
20260303	00:45	0.9	NNW
20260303	01:00	0.9	NNW
20260303	01:15	1.8	NNW
20260303	01:30	1.8	NW
20260303	01:45	1.8	NW
20260303	02:00	1.8	NNW
20260303	02:15	1.8	NNW
20260303	02:30	1.3	NNW
20260303	02:45	0.0	N
20260303	03:00	0.4	N
20260303	03:15	0.9	N
20260303	03:30	1.8	NNW
20260303	03:45	0.9	NNW
20260303	04:00	0.9	N
20260303	04:15	1.3	NNW
20260303	04:30	0.9	NNE
20260303	04:45	0.0	NNE
20260303	05:00	0.0	NNE
20260303	05:15	0.0	NNE
20260303	05:30	0.4	NNE
20260303	05:45	0.9	NW
20260303	06:00	0.9	NNW
20260303	06:15	0.0	NNE
20260303	06:30	0.0	N
20260303	06:45	0.0	N
20260303	07:00	0.9	N
20260303	07:15	1.3	NNW
20260303	07:30	0.9	NNW
20260303	07:45	0.0	NNE
20260303	08:00	0.4	NNE
20260303	08:15	2.2	NNW
20260303	08:30	2.2	NNW
20260303	08:45	1.8	NW
20260303	09:00	1.8	NNW
20260303	09:15	1.3	NNW
20260303	09:30	1.3	NNW
20260303	09:45	1.3	NNW
20260303	10:00	0.9	NW
20260303	10:15	0.9	NNW
20260303	10:30	1.3	N
20260303	10:45	0.9	NNW
20260303	11:00	1.3	NNW
20260303	11:15	0.4	N
20260303	11:30	0.9	N
20260303	11:45	0.9	NW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260303	12:00	0.9	NNW
20260303	12:15	1.3	NNW
20260303	12:30	1.3	NW
20260303	12:45	1.8	NNW
20260303	13:00	1.3	NW
20260303	13:15	1.8	NNW
20260303	13:30	1.3	NNW
20260303	13:45	1.3	NNW
20260303	14:00	0.9	N
20260303	14:15	0.9	NNW
20260303	14:30	1.8	WNW
20260303	14:45	2.2	NNW
20260303	15:00	2.2	NW
20260303	15:15	2.2	NW
20260303	15:30	1.8	NNW
20260303	15:45	2.2	NNW
20260303	16:00	1.8	NNW
20260303	16:15	1.3	N
20260303	16:30	1.8	NNW
20260303	16:45	1.8	NNW
20260303	17:00	1.3	NNW
20260303	17:15	1.8	NNW
20260303	17:30	0.9	NNW
20260303	17:45	1.3	NNW
20260303	18:00	1.3	NNW
20260303	18:15	1.3	N
20260303	18:30	1.3	NNW
20260303	18:45	0.9	NNW
20260303	19:00	1.3	NNW
20260303	19:15	1.3	NW
20260303	19:30	1.8	SE
20260303	19:45	0	SSE
20260303	20:00	0	---
20260303	20:15	0	---
20260303	20:30	0	---
20260303	20:45	0	WNW
20260303	21:00	0	WNW
20260303	21:15	0	WNW
20260303	21:30	0	---
20260303	21:45	0	---
20260303	22:00	0.4	N
20260303	22:15	1.3	N
20260303	22:30	1.3	NNW
20260303	22:45	1.3	NNW
20260303	23:00	1.3	NW
20260303	23:15	1.3	NNW
20260303	23:30	0.9	NNW
20260303	23:45	0.4	N

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260304	00:00	0.0	WNW
20260304	00:15	1.8	NNW
20260304	00:30	1.3	NNW
20260304	00:45	0.9	N
20260304	01:00	0.0	E
20260304	01:15	1.3	N
20260304	01:30	1.8	NNW
20260304	01:45	1.3	N
20260304	02:00	0.4	NNE
20260304	02:15	0.9	N
20260304	02:30	1.3	N
20260304	02:45	0.9	N
20260304	03:00	0.9	N
20260304	03:15	1.3	N
20260304	03:30	0.4	N
20260304	03:45	0.4	NW
20260304	04:00	0.9	SE
20260304	04:15	1.3	N
20260304	04:30	0.9	N
20260304	04:45	0.4	N
20260304	05:00	0.4	N
20260304	05:15	0.4	N
20260304	05:30	0.4	NNE
20260304	05:45	0.4	N
20260304	06:00	0.0	N
20260304	06:15	0.4	NW
20260304	06:30	0.9	NNW
20260304	06:45	1.3	N
20260304	07:00	0.4	N
20260304	07:15	0.0	N
20260304	07:30	0.0	NNE
20260304	07:45	0.0	NNE
20260304	08:00	0.0	NE
20260304	08:15	0.4	WNW
20260304	08:30	1.3	NNW
20260304	08:45	1.3	NNW
20260304	09:00	0.9	NNW
20260304	09:15	0.4	NNW
20260304	09:30	0.4	NNW
20260304	09:45	0.9	NNW
20260304	10:00	0.4	NNW
20260304	10:15	0.0	NNW
20260304	10:30	0.0	NNW
20260304	10:45	0.0	NNW
20260304	11:00	0.0	NNW
20260304	11:15	0.4	NNW
20260304	11:30	1.3	NNW
20260304	11:45	1.8	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260304	12:00	1.8	NW
20260304	12:15	1.3	NNW
20260304	12:30	1.3	NNW
20260304	12:45	1.3	NNW
20260304	13:00	0.9	NW
20260304	13:15	0.9	NW
20260304	13:30	1.3	NNW
20260304	13:45	1.3	NW
20260304	14:00	1.3	N
20260304	14:15	1.3	NW
20260304	14:30	0.9	NNW
20260304	14:45	1.3	N
20260304	15:00	1.3	NNW
20260304	15:15	1.3	NNW
20260304	15:30	1.3	NNW
20260304	15:45	0.9	NNW
20260304	16:00	1.3	NNW
20260304	16:15	1.3	NNW
20260304	16:30	0.9	NNW
20260304	16:45	0.9	NNW
20260304	17:00	0.9	NNW
20260304	17:15	0.0	NE
20260304	17:30	0.0	---
20260304	17:45	0.0	---
20260304	18:00	0	NW
20260304	18:15	0	---
20260304	18:30	0.4	NW
20260304	18:45	0	NW
20260304	19:00	0	NW
20260304	19:15	0	---
20260304	19:30	0	---
20260304	19:45	0	---
20260304	20:00	0	---
20260304	20:15	0	---
20260304	20:30	0	---
20260304	20:45	0	---
20260304	21:00	0	---
20260304	21:15	0	---
20260304	21:30	0	---
20260304	21:45	0	NW
20260304	22:00	0.4	NW
20260304	22:15	0.9	N
20260304	22:30	1.3	NNW
20260304	22:45	1.3	NNW
20260304	23:00	0.9	NNW
20260304	23:15	0.4	NNW
20260304	23:30	0	NNW
20260304	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260305	00:00	0.4	NNW
20260305	00:15	0.4	ESE
20260305	00:30	0.0	ESE
20260305	00:45	0.0	ESE
20260305	01:00	0.0	NE
20260305	01:15	0.4	N
20260305	01:30	0.0	NNE
20260305	01:45	0.0	E
20260305	02:00	0.0	E
20260305	02:15	0.0	S
20260305	02:30	0.0	SW
20260305	02:45	0.4	N
20260305	03:00	0.9	N
20260305	03:15	0.4	N
20260305	03:30	0.0	N
20260305	03:45	0.0	N
20260305	04:00	0.0	---
20260305	04:15	0.0	N
20260305	04:30	0.0	N
20260305	04:45	0.0	N
20260305	05:00	0.0	N
20260305	05:15	0.0	N
20260305	05:30	0.0	N
20260305	05:45	0.0	N
20260305	06:00	0.9	N
20260305	06:15	0.4	N
20260305	06:30	0.4	N
20260305	06:45	0.4	N
20260305	07:00	0.0	---
20260305	07:15	0.0	N
20260305	07:30	0.0	N
20260305	07:45	0.0	N
20260305	08:00	0.4	NW
20260305	08:15	0.9	N
20260305	08:30	1.3	NNW
20260305	08:45	1.8	NNW
20260305	09:00	2.2	NNW
20260305	09:15	2.7	NNW
20260305	09:30	1.8	NW
20260305	09:45	2.2	NNW
20260305	10:00	2.2	NNW
20260305	10:15	1.8	NNW
20260305	10:30	0.9	NNW
20260305	10:45	0.9	SE
20260305	11:00	1.8	NNW
20260305	11:15	1.8	NNW
20260305	11:30	1.3	NNW
20260305	11:45	1.3	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260305	12:00	0.9	NW
20260305	12:15	1.3	WSW
20260305	12:30	1.3	N
20260305	12:45	1.8	NNW
20260305	13:00	1.3	NNW
20260305	13:15	1.8	N
20260305	13:30	2.2	N
20260305	13:45	2.2	NW
20260305	14:00	2.2	NNW
20260305	14:15	2.7	N
20260305	14:30	2.2	NNW
20260305	14:45	2.2	N
20260305	15:00	2.2	NW
20260305	15:15	2.7	NNW
20260305	15:30	2.2	NW
20260305	15:45	2.2	NNW
20260305	16:00	2.2	NNW
20260305	16:15	1.8	NNW
20260305	16:30	1.8	NNW
20260305	16:45	1.8	NNW
20260305	17:00	2.2	NNW
20260305	17:15	1.8	NNW
20260305	17:30	1.8	NNW
20260305	17:45	1.8	NNW
20260305	18:00	1.8	NNW
20260305	18:15	0.9	N
20260305	18:30	1.8	NNW
20260305	18:45	0.9	NW
20260305	19:00	1.3	NNW
20260305	19:15	1.3	NNW
20260305	19:30	1.3	NW
20260305	19:45	1.8	NNW
20260305	20:00	1.8	NNW
20260305	20:15	1.8	NW
20260305	20:30	1.8	NW
20260305	20:45	2.7	NW
20260305	21:00	2.2	NW
20260305	21:15	2.7	NW
20260305	21:30	2.7	NNW
20260305	21:45	2.7	NW
20260305	22:00	3.1	NW
20260305	22:15	3.1	NNW
20260305	22:30	2.7	NNW
20260305	22:45	3.1	NW
20260305	23:00	3.1	NNW
20260305	23:15	3.1	NW
20260305	23:30	3.1	NW
20260305	23:45	4	NW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260306	00:00	4.0	NNW
20260306	00:15	2.2	NNW
20260306	00:30	1.8	NNW
20260306	00:45	0.9	SSW
20260306	01:00	0.4	N
20260306	01:15	1.8	N
20260306	01:30	1.8	NNW
20260306	01:45	0.9	N
20260306	02:00	0.9	N
20260306	02:15	0.4	N
20260306	02:30	0.4	NNW
20260306	02:45	1.8	NNW
20260306	03:00	1.8	NNW
20260306	03:15	2.2	NW
20260306	03:30	2.7	NNW
20260306	03:45	1.8	NNW
20260306	04:00	1.8	NNW
20260306	04:15	1.3	NW
20260306	04:30	1.3	N
20260306	04:45	1.8	NNW
20260306	05:00	2.2	NNW
20260306	05:15	2.2	NNW
20260306	05:30	2.2	N
20260306	05:45	1.8	N
20260306	06:00	2.2	N
20260306	06:15	1.8	N
20260306	06:30	0.9	NNW
20260306	06:45	0.9	NNW
20260306	07:00	0.9	N
20260306	07:15	0.4	N
20260306	07:30	0.4	N
20260306	07:45	0.4	N
20260306	08:00	0.9	N
20260306	08:15	1.8	NNW
20260306	08:30	1.8	NNW
20260306	08:45	2.7	NNW
20260306	09:00	2.7	NNW
20260306	09:15	3.1	NNW
20260306	09:30	2.7	NNW
20260306	09:45	2.2	NNW
20260306	10:00	2.2	NNW
20260306	10:15	2.7	NW
20260306	10:30	2.7	NNW
20260306	10:45	3.1	NW
20260306	11:00	2.7	NW
20260306	11:15	2.7	NW
20260306	11:30	2.7	NW
20260306	11:45	2.7	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260306	12:00	3.1	NNW
20260306	12:15	2.7	NW
20260306	12:30	2.7	NW
20260306	12:45	2.2	NNW
20260306	13:00	2.7	NW
20260306	13:15	2.2	NW
20260306	13:30	2.2	NNW
20260306	13:45	1.8	N
20260306	14:00	1.8	NNW
20260306	14:15	2.2	NNW
20260306	14:30	1.3	WNW
20260306	14:45	0.9	N
20260306	15:00	0.9	N
20260306	15:15	0.9	NNW
20260306	15:30	1.3	NNW
20260306	15:45	1.8	NW
20260306	16:00	1.3	NNW
20260306	16:15	0.9	N
20260306	16:30	1.3	SE
20260306	16:45	0.9	N
20260306	17:00	0.9	SE
20260306	17:15	1.3	SE
20260306	17:30	1.3	SE
20260306	17:45	1.3	SE
20260306	18:00	0.9	SE
20260306	18:15	0	E
20260306	18:30	0	---
20260306	18:45	0	---
20260306	19:00	0	---
20260306	19:15	0	SE
20260306	19:30	0.9	SE
20260306	19:45	0	SE
20260306	20:00	0	SE
20260306	20:15	0	SE
20260306	20:30	0	SE
20260306	20:45	0	---
20260306	21:00	0	---
20260306	21:15	0	SE
20260306	21:30	0	SE
20260306	21:45	0	---
20260306	22:00	0	---
20260306	22:15	0	---
20260306	22:30	0	SE
20260306	22:45	0	---
20260306	23:00	0	---
20260306	23:15	0	---
20260306	23:30	0	SE
20260306	23:45	0	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260307	00:00	0.9	SE
20260307	00:15	0.4	SE
20260307	00:30	1.3	SE
20260307	00:45	0.9	SE
20260307	01:00	1.8	SE
20260307	01:15	0.9	SE
20260307	01:30	0.9	SE
20260307	01:45	0.4	NNW
20260307	02:00	0.4	SW
20260307	02:15	0.9	SE
20260307	02:30	1.8	SE
20260307	02:45	0.4	SE
20260307	03:00	0.9	SE
20260307	03:15	0.9	SE
20260307	03:30	0.4	SE
20260307	03:45	0.9	SSE
20260307	04:00	0.4	SSE
20260307	04:15	0.4	SE
20260307	04:30	0.0	SSE
20260307	04:45	0.0	SSE
20260307	05:00	0.0	SSE
20260307	05:15	0.0	SSE
20260307	05:30	0.0	SSE
20260307	05:45	0.0	SSE
20260307	06:00	0.0	NNE
20260307	06:15	0.4	N
20260307	06:30	0.0	---
20260307	06:45	0.0	---
20260307	07:00	0.0	---
20260307	07:15	0.0	---
20260307	07:30	0.0	---
20260307	07:45	0.0	---
20260307	08:00	0.0	---
20260307	08:15	0.0	SE
20260307	08:30	0.9	SE
20260307	08:45	0.9	SE
20260307	09:00	0.9	SE
20260307	09:15	0.9	SE
20260307	09:30	0.4	NW
20260307	09:45	0.4	SE
20260307	10:00	0.9	SE
20260307	10:15	0.9	N
20260307	10:30	0.9	SE
20260307	10:45	0.9	SE
20260307	11:00	1.8	SE
20260307	11:15	1.8	SE
20260307	11:30	2.2	SE
20260307	11:45	1.8	SSE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260307	12:00	2.2	SE
20260307	12:15	1.8	SE
20260307	12:30	2.2	SE
20260307	12:45	1.8	SE
20260307	13:00	1.8	SE
20260307	13:15	1.3	SE
20260307	13:30	2.2	SE
20260307	13:45	1.8	SE
20260307	14:00	2.2	SE
20260307	14:15	1.8	SE
20260307	14:30	2.2	SE
20260307	14:45	1.3	SE
20260307	15:00	1.3	SE
20260307	15:15	1.8	SE
20260307	15:30	1.8	SE
20260307	15:45	2.2	SE
20260307	16:00	2.7	SE
20260307	16:15	2.7	SE
20260307	16:30	2.7	SE
20260307	16:45	2.7	SE
20260307	17:00	3.1	SE
20260307	17:15	3.1	SE
20260307	17:30	3.1	SE
20260307	17:45	3.6	SE
20260307	18:00	3.6	SE
20260307	18:15	3.6	SE
20260307	18:30	3.1	SE
20260307	18:45	3.1	SE
20260307	19:00	3.1	SE
20260307	19:15	3.1	SE
20260307	19:30	3.1	SE
20260307	19:45	2.7	SE
20260307	20:00	2.7	SE
20260307	20:15	2.7	SE
20260307	20:30	2.7	SE
20260307	20:45	2.7	SE
20260307	21:00	2.2	SE
20260307	21:15	2.7	SE
20260307	21:30	2.7	SE
20260307	21:45	2.7	SE
20260307	22:00	2.7	SE
20260307	22:15	2.2	SE
20260307	22:30	2.2	SE
20260307	22:45	2.7	SE
20260307	23:00	2.7	SE
20260307	23:15	2.7	SE
20260307	23:30	2.7	SE
20260307	23:45	3.1	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260308	00:00	3.1	SE
20260308	00:15	2.7	SE
20260308	00:30	2.2	SE
20260308	00:45	2.7	SE
20260308	01:00	2.7	SE
20260308	01:15	2.7	SE
20260308	01:30	2.7	SE
20260308	01:45	2.7	SE
20260308	02:00	3.1	SE
20260308	02:15	2.7	SE
20260308	02:30	2.2	SE
20260308	02:45	2.7	SE
20260308	03:00	2.2	SE
20260308	03:15	2.2	SE
20260308	03:30	1.8	SE
20260308	03:45	1.3	SE
20260308	04:00	1.8	SE
20260308	04:15	1.8	SE
20260308	04:30	1.3	SE
20260308	04:45	0.9	SE
20260308	05:00	0.9	SE
20260308	05:15	0.9	SE
20260308	05:30	0.4	SE
20260308	05:45	0.4	SSE
20260308	06:00	0.0	---
20260308	06:15	0.0	SSE
20260308	06:30	0.0	SSE
20260308	06:45	0.0	SE
20260308	07:00	0.4	SSE
20260308	07:15	0.0	SE
20260308	07:30	0.0	SE
20260308	07:45	0.0	SE
20260308	08:00	0.9	SE
20260308	08:15	0.4	ESE
20260308	08:30	0.4	SE
20260308	08:45	1.3	SE
20260308	09:00	1.3	SE
20260308	09:15	0.9	SE
20260308	09:30	1.3	ESE
20260308	09:45	0.9	SE
20260308	10:00	1.3	NNW
20260308	10:15	0.9	NNW
20260308	10:30	1.3	NNW
20260308	10:45	0.4	S
20260308	11:00	0.9	SE
20260308	11:15	1.3	NNW
20260308	11:30	1.3	NNW
20260308	11:45	1.3	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260308	12:00	0.9	WSW
20260308	12:15	1.3	NW
20260308	12:30	1.8	NW
20260308	12:45	1.8	N
20260308	13:00	1.8	N
20260308	13:15	2.7	SE
20260308	13:30	1.8	SE
20260308	13:45	1.8	SE
20260308	14:00	2.2	SE
20260308	14:15	2.2	SE
20260308	14:30	1.8	SE
20260308	14:45	1.8	SE
20260308	15:00	1.8	SE
20260308	15:15	2.2	SE
20260308	15:30	1.3	SE
20260308	15:45	1.8	SE
20260308	16:00	1.8	SE
20260308	16:15	2.2	SE
20260308	16:30	2.7	SE
20260308	16:45	2.7	SE
20260308	17:00	3.1	SE
20260308	17:15	3.1	SE
20260308	17:30	3.6	SE
20260308	17:45	3.1	SE
20260308	18:00	3.6	SE
20260308	18:15	3.6	SE
20260308	18:30	3.6	SE
20260308	18:45	4	SE
20260308	19:00	4	SE
20260308	19:15	3.6	SE
20260308	19:30	3.6	SE
20260308	19:45	2.7	SE
20260308	20:00	3.1	SE
20260308	20:15	3.1	SE
20260308	20:30	2.7	SE
20260308	20:45	2.7	SE
20260308	21:00	1.8	SSE
20260308	21:15	2.2	SE
20260308	21:30	2.2	SE
20260308	21:45	1.8	SE
20260308	22:00	2.2	SE
20260308	22:15	2.2	SE
20260308	22:30	2.2	SE
20260308	22:45	2.2	SE
20260308	23:00	2.2	SE
20260308	23:15	1.8	SE
20260308	23:30	1.8	SE
20260308	23:45	1.3	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260309	00:00	1.8	SE
20260309	00:15	2.2	SE
20260309	00:30	1.8	SE
20260309	00:45	2.2	SE
20260309	01:00	2.2	SE
20260309	01:15	1.8	SE
20260309	01:30	2.2	SE
20260309	01:45	1.8	SE
20260309	02:00	1.3	SE
20260309	02:15	1.8	SE
20260309	02:30	2.2	SE
20260309	02:45	1.3	SE
20260309	03:00	1.8	SE
20260309	03:15	2.2	SE
20260309	03:30	0.9	SE
20260309	03:45	1.3	SE
20260309	04:00	1.8	SE
20260309	04:15	1.3	SSE
20260309	04:30	0.9	SE
20260309	04:45	0.9	SE
20260309	05:00	0.9	SE
20260309	05:15	1.3	SE
20260309	05:30	0.9	SSE
20260309	05:45	1.3	SE
20260309	06:00	0.9	SE
20260309	06:15	0.4	SE
20260309	06:30	0.4	SE
20260309	06:45	0.4	ESE
20260309	07:00	0.0	SE
20260309	07:15	0.0	SE
20260309	07:30	0.4	SE
20260309	07:45	0.4	SSE
20260309	08:00	0.9	SE
20260309	08:15	1.3	SE
20260309	08:30	1.3	SSE
20260309	08:45	0.9	SE
20260309	09:00	0.4	SE
20260309	09:15	1.3	SE
20260309	09:30	0.9	N
20260309	09:45	0.9	N
20260309	10:00	0.9	N
20260309	10:15	1.3	SE
20260309	10:30	0.9	NNE
20260309	10:45	0.9	NNW
20260309	11:00	0.9	NNW
20260309	11:15	0.9	N
20260309	11:30	1.3	NNW
20260309	11:45	1.3	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260309	12:00	1.3	NNW
20260309	12:15	0.9	NNW
20260309	12:30	0.9	N
20260309	12:45	1.3	WSW
20260309	13:00	1.3	NNW
20260309	13:15	1.3	WSW
20260309	13:30	0.9	WSW
20260309	13:45	1.8	SE
20260309	14:00	1.3	SE
20260309	14:15	2.2	SE
20260309	14:30	1.8	SSE
20260309	14:45	1.8	SE
20260309	15:00	1.3	SE
20260309	15:15	1.3	SE
20260309	15:30	1.8	SE
20260309	15:45	1.3	SE
20260309	16:00	1.8	SE
20260309	16:15	1.8	SE
20260309	16:30	2.2	SE
20260309	16:45	2.7	SE
20260309	17:00	2.7	SE
20260309	17:15	2.2	SE
20260309	17:30	2.2	SE
20260309	17:45	2.7	SE
20260309	18:00	3.1	SE
20260309	18:15	3.6	SE
20260309	18:30	3.6	SE
20260309	18:45	3.1	SE
20260309	19:00	2.7	SE
20260309	19:15	3.6	SE
20260309	19:30	2.7	SE
20260309	19:45	2.7	SE
20260309	20:00	2.7	SE
20260309	20:15	2.2	SE
20260309	20:30	2.2	SE
20260309	20:45	2.7	SE
20260309	21:00	2.2	SE
20260309	21:15	1.3	SE
20260309	21:30	1.8	SE
20260309	21:45	0.9	SE
20260309	22:00	1.3	SE
20260309	22:15	0.9	E
20260309	22:30	0.9	SE
20260309	22:45	0.4	SE
20260309	23:00	0.9	SE
20260309	23:15	0.9	SE
20260309	23:30	0.4	SE
20260309	23:45	0.9	N

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260310	00:00	0.9	N
20260310	00:15	0.9	NNW
20260310	00:30	0.9	NNW
20260310	00:45	1.3	NNW
20260310	01:00	1.8	NNW
20260310	01:15	1.3	NNW
20260310	01:30	0.9	N
20260310	01:45	1.3	NNW
20260310	02:00	0.9	NNW
20260310	02:15	1.3	NNW
20260310	02:30	0.9	N
20260310	02:45	0.4	SE
20260310	03:00	0.0	WNW
20260310	03:15	0.4	NE
20260310	03:30	0.9	N
20260310	03:45	0.4	NNW
20260310	04:00	0.4	NNE
20260310	04:15	0.9	NNE
20260310	04:30	1.3	NNW
20260310	04:45	1.8	NNW
20260310	05:00	1.8	NNW
20260310	05:15	1.3	NNW
20260310	05:30	0.9	N
20260310	05:45	1.3	N
20260310	06:00	1.3	N
20260310	06:15	1.3	N
20260310	06:30	1.3	NNW
20260310	06:45	1.3	NNW
20260310	07:00	1.8	NNW
20260310	07:15	0.9	N
20260310	07:30	1.3	NNW
20260310	07:45	1.3	NNW
20260310	08:00	1.3	NNW
20260310	08:15	1.8	NNW
20260310	08:30	1.3	NNW
20260310	08:45	1.8	NNW
20260310	09:00	1.8	NNW
20260310	09:15	1.3	NNW
20260310	09:30	1.3	NNW
20260310	09:45	1.3	NNW
20260310	10:00	1.3	NNW
20260310	10:15	1.3	NW
20260310	10:30	1.3	NW
20260310	10:45	1.3	NNW
20260310	11:00	1.3	NW
20260310	11:15	0.9	NW
20260310	11:30	0.9	NW
20260310	11:45	0.9	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260310	12:00	1.3	N
20260310	12:15	1.3	N
20260310	12:30	1.8	NNW
20260310	12:45	1.3	NNW
20260310	13:00	1.3	NNW
20260310	13:15	1.8	N
20260310	13:30	1.8	NW
20260310	13:45	1.3	NW
20260310	14:00	1.3	N
20260310	14:15	1.3	NNW
20260310	14:30	1.8	N
20260310	14:45	1.3	N
20260310	15:00	1.3	NW
20260310	15:15	1.8	NNW
20260310	15:30	1.3	NW
20260310	15:45	1.3	NNW
20260310	16:00	1.8	NNW
20260310	16:15	1.3	NNW
20260310	16:30	1.8	NNW
20260310	16:45	1.8	NNW
20260310	17:00	1.8	NW
20260310	17:15	1.8	NNW
20260310	17:30	1.3	NW
20260310	17:45	1.3	NNW
20260310	18:00	1.3	NNW
20260310	18:15	1.3	N
20260310	18:30	0.9	NW
20260310	18:45	0.9	N
20260310	19:00	0.9	N
20260310	19:15	0.9	N
20260310	19:30	0.4	N
20260310	19:45	0.9	ENE
20260310	20:00	0.9	N
20260310	20:15	0.9	N
20260310	20:30	0.9	N
20260310	20:45	0.9	N
20260310	21:00	0.9	N
20260310	21:15	0.9	NNW
20260310	21:30	0.9	NNW
20260310	21:45	0.9	N
20260310	22:00	0	N
20260310	22:15	0	---
20260310	22:30	0	---
20260310	22:45	0	---
20260310	23:00	0	---
20260310	23:15	0	---
20260310	23:30	0	NNE
20260310	23:45	0	NNE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260311	00:00	0.0	---
20260311	00:15	0.0	NNE
20260311	00:30	0.0	---
20260311	00:45	0.0	NNE
20260311	01:00	0.4	NNE
20260311	01:15	0.4	NNE
20260311	01:30	0.0	NNE
20260311	01:45	0.0	NNE
20260311	02:00	0.4	NNE
20260311	02:15	0.0	NNE
20260311	02:30	0.0	NNE
20260311	02:45	0.0	---
20260311	03:00	0.0	---
20260311	03:15	0.0	---
20260311	03:30	0.0	---
20260311	03:45	0.0	---
20260311	04:00	0.0	---
20260311	04:15	0.0	---
20260311	04:30	0.0	---
20260311	04:45	0.0	---
20260311	05:00	0.0	---
20260311	05:15	0.0	---
20260311	05:30	0.0	---
20260311	05:45	0.0	NNE
20260311	06:00	0.4	NE
20260311	06:15	0.0	NE
20260311	06:30	0.0	NE
20260311	06:45	0.0	NE
20260311	07:00	0.0	---
20260311	07:15	0.0	---
20260311	07:30	0.0	---
20260311	07:45	0.0	NE
20260311	08:00	0.4	NE
20260311	08:15	0.9	N
20260311	08:30	1.3	NNW
20260311	08:45	1.3	NNW
20260311	09:00	1.8	NNW
20260311	09:15	1.3	NNW
20260311	09:30	1.3	NNW
20260311	09:45	1.3	NNW
20260311	10:00	1.3	NNW
20260311	10:15	1.3	NW
20260311	10:30	0.9	NW
20260311	10:45	0.4	NNW
20260311	11:00	1.3	SE
20260311	11:15	0.9	SSE
20260311	11:30	0.9	WNW
20260311	11:45	0.9	N

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260311	12:00	0.9	NNW
20260311	12:15	0.9	NNW
20260311	12:30	0.9	SSW
20260311	12:45	0.9	NW
20260311	13:00	0.9	NW
20260311	13:15	0.9	NW
20260311	13:30	0.9	NW
20260311	13:45	0.9	WSW
20260311	14:00	0.9	N
20260311	14:15	0.4	N
20260311	14:30	0.4	WNW
20260311	14:45	0.9	NW
20260311	15:00	1.3	SE
20260311	15:15	0.9	SE
20260311	15:30	1.3	SE
20260311	15:45	0.9	SE
20260311	16:00	0.9	SE
20260311	16:15	0.4	SE
20260311	16:30	0.4	SE
20260311	16:45	0.9	SE
20260311	17:00	1.3	SE
20260311	17:15	0.9	SE
20260311	17:30	0.9	SE
20260311	17:45	0.4	SE
20260311	18:00	0	SE
20260311	18:15	0	---
20260311	18:30	0	---
20260311	18:45	0	SE
20260311	19:00	0	SE
20260311	19:15	0	SE
20260311	19:30	0.4	SE
20260311	19:45	0.9	SE
20260311	20:00	1.3	SE
20260311	20:15	1.3	SE
20260311	20:30	1.8	SE
20260311	20:45	1.8	SE
20260311	21:00	2.2	SE
20260311	21:15	2.2	SE
20260311	21:30	1.8	SE
20260311	21:45	0	SSE
20260311	22:00	0.9	SSE
20260311	22:15	1.8	SE
20260311	22:30	1.3	SSE
20260311	22:45	0.9	SE
20260311	23:00	0.4	SSE
20260311	23:15	0	---
20260311	23:30	0	---
20260311	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260312	00:00	0.0	---
20260312	00:15	0.0	---
20260312	00:30	0.0	---
20260312	00:45	0.0	---
20260312	01:00	0.0	---
20260312	01:15	0.0	---
20260312	01:30	0.0	---
20260312	01:45	0.0	---
20260312	02:00	0.0	---
20260312	02:15	0.0	---
20260312	02:30	0.0	---
20260312	02:45	0.0	---
20260312	03:00	0.0	---
20260312	03:15	0.0	---
20260312	03:30	0.0	---
20260312	03:45	0.0	---
20260312	04:00	0.0	---
20260312	04:15	0.0	---
20260312	04:30	0.0	---
20260312	04:45	0.0	---
20260312	05:00	0.0	---
20260312	05:15	0.0	---
20260312	05:30	0.0	---
20260312	05:45	0.0	---
20260312	06:00	0.0	---
20260312	06:15	0.0	---
20260312	06:30	0.0	---
20260312	06:45	0.0	---
20260312	07:00	0.0	---
20260312	07:15	0.0	---
20260312	07:30	0.0	---
20260312	07:45	0.0	---
20260312	08:00	0.0	---
20260312	08:15	0.0	---
20260312	08:30	0.0	---
20260312	08:45	0.0	---
20260312	09:00	0.4	N
20260312	09:15	0.4	SSE
20260312	09:30	0.9	SE
20260312	09:45	0.4	SSE
20260312	10:00	0.9	NNE
20260312	10:15	1.3	N
20260312	10:30	1.3	NNW
20260312	10:45	1.8	N
20260312	11:00	2.2	N
20260312	11:15	1.8	N
20260312	11:30	1.8	NNW
20260312	11:45	2.2	NW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260312	12:00	2.2	NW
20260312	12:15	2.2	NW
20260312	12:30	3.1	NW
20260312	12:45	2.2	NNW
20260312	13:00	1.3	N
20260312	13:15	0.9	SE
20260312	13:30	1.3	S
20260312	13:45	0.9	NW
20260312	14:00	0.9	WNW
20260312	14:15	1.3	SE
20260312	14:30	1.3	NNW
20260312	14:45	1.8	NNW
20260312	15:00	0.9	WNW
20260312	15:15	1.3	SE
20260312	15:30	1.3	SE
20260312	15:45	1.3	SSE
20260312	16:00	2.7	SE
20260312	16:15	2.7	SE
20260312	16:30	3.6	SE
20260312	16:45	3.1	SE
20260312	17:00	3.1	SE
20260312	17:15	2.7	SE
20260312	17:30	3.1	SE
20260312	17:45	2.7	SE
20260312	18:00	1.8	SE
20260312	18:15	3.6	SE
20260312	18:30	4	SE
20260312	18:45	3.6	SE
20260312	19:00	3.1	SE
20260312	19:15	2.7	SE
20260312	19:30	3.1	SE
20260312	19:45	2.7	SE
20260312	20:00	2.2	SE
20260312	20:15	2.7	SE
20260312	20:30	2.7	SE
20260312	20:45	3.1	SE
20260312	21:00	2.7	SE
20260312	21:15	2.7	SE
20260312	21:30	2.7	SE
20260312	21:45	3.1	SE
20260312	22:00	3.1	SE
20260312	22:15	2.2	SSE
20260312	22:30	3.6	SE
20260312	22:45	2.7	SE
20260312	23:00	2.2	SE
20260312	23:15	2.7	SE
20260312	23:30	3.1	SE
20260312	23:45	2.7	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260313	00:00	3.6	SE
20260313	00:15	3.1	SE
20260313	00:30	3.1	SE
20260313	00:45	3.1	SE
20260313	01:00	3.1	SE
20260313	01:15	2.7	SE
20260313	01:30	2.7	SE
20260313	01:45	3.1	SE
20260313	02:00	2.7	SE
20260313	02:15	3.1	SE
20260313	02:30	3.1	SE
20260313	02:45	3.1	SE
20260313	03:00	3.6	SE
20260313	03:15	3.6	SE
20260313	03:30	3.6	SE
20260313	03:45	3.1	SE
20260313	04:00	3.6	SE
20260313	04:15	3.1	SE
20260313	04:30	3.1	SE
20260313	04:45	3.1	SE
20260313	05:00	2.2	SE
20260313	05:15	2.2	SE
20260313	05:30	1.8	SE
20260313	05:45	1.8	SE
20260313	06:00	2.2	SE
20260313	06:15	1.8	SE
20260313	06:30	2.2	SE
20260313	06:45	2.2	SE
20260313	07:00	1.8	SE
20260313	07:15	2.2	SE
20260313	07:30	1.8	SE
20260313	07:45	1.8	SE
20260313	08:00	0.9	SSE
20260313	08:15	0.9	NNE
20260313	08:30	0.9	SE
20260313	08:45	1.3	SSE
20260313	09:00	1.3	SE
20260313	09:15	2.2	SE
20260313	09:30	1.8	SE
20260313	09:45	1.8	SSE
20260313	10:00	1.3	SE
20260313	10:15	1.3	N
20260313	10:30	1.3	SSE
20260313	10:45	0.9	SSE
20260313	11:00	1.3	SE
20260313	11:15	1.3	NNW
20260313	11:30	1.3	SSE
20260313	11:45	2.2	WNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260313	12:00	1.3	WSW
20260313	12:15	1.8	SE
20260313	12:30	1.3	SE
20260313	12:45	2.2	SE
20260313	13:00	1.8	SSE
20260313	13:15	2.2	SE
20260313	13:30	2.2	SE
20260313	13:45	2.7	SE
20260313	14:00	2.7	SE
20260313	14:15	1.8	SE
20260313	14:30	1.8	SE
20260313	14:45	2.2	SE
20260313	15:00	3.1	SE
20260313	15:15	2.7	SE
20260313	15:30	3.1	SE
20260313	15:45	2.2	SE
20260313	16:00	2.7	SE
20260313	16:15	3.1	SE
20260313	16:30	3.1	SE
20260313	16:45	3.6	SE
20260313	17:00	4.0	SE
20260313	17:15	4.5	SE
20260313	17:30	4.9	SE
20260313	17:45	4.5	SE
20260313	18:00	4.5	SE
20260313	18:15	4	SE
20260313	18:30	4	SE
20260313	18:45	3.6	SE
20260313	19:00	2.7	SE
20260313	19:15	1.8	SE
20260313	19:30	0.9	SE
20260313	19:45	1.3	SE
20260313	20:00	0.9	SE
20260313	20:15	0.9	SE
20260313	20:30	0.4	SE
20260313	20:45	0.4	E
20260313	21:00	0.4	SE
20260313	21:15	0.4	SE
20260313	21:30	0.9	SE
20260313	21:45	1.3	SE
20260313	22:00	1.8	SE
20260313	22:15	2.7	SE
20260313	22:30	2.7	SE
20260313	22:45	2.7	SSE
20260313	23:00	2.2	SE
20260313	23:15	1.3	SE
20260313	23:30	1.8	SE
20260313	23:45	2.2	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260314	00:00	1.8	SE
20260314	00:15	2.2	SSE
20260314	00:30	2.2	SE
20260314	00:45	2.7	SE
20260314	01:00	2.2	SE
20260314	01:15	2.2	SE
20260314	01:30	2.7	SE
20260314	01:45	3.1	SE
20260314	02:00	3.1	SE
20260314	02:15	4.9	SE
20260314	02:30	4.9	SE
20260314	02:45	4.5	SE
20260314	03:00	4.0	SE
20260314	03:15	2.7	SE
20260314	03:30	2.2	SE
20260314	03:45	2.7	SE
20260314	04:00	2.7	SE
20260314	04:15	1.8	SE
20260314	04:30	1.3	SE
20260314	04:45	0.9	SE
20260314	05:00	0.9	ESE
20260314	05:15	0.4	NE
20260314	05:30	0.0	NE
20260314	05:45	0.0	NE
20260314	06:00	0.0	E
20260314	06:15	0.0	E
20260314	06:30	0.0	E
20260314	06:45	0.4	E
20260314	07:00	0.9	N
20260314	07:15	0.9	SE
20260314	07:30	1.3	SE
20260314	07:45	0.4	N
20260314	08:00	0.4	N
20260314	08:15	0.4	N
20260314	08:30	0.4	N
20260314	08:45	0.9	NNW
20260314	09:00	0.9	N
20260314	09:15	0.4	N
20260314	09:30	1.3	SE
20260314	09:45	1.3	SE
20260314	10:00	0.9	SSE
20260314	10:15	1.3	NNW
20260314	10:30	1.3	NNW
20260314	10:45	0.4	NNW
20260314	11:00	0.9	N
20260314	11:15	1.3	NNW
20260314	11:30	1.3	WNW
20260314	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260314	12:00	2.2	SSE
20260314	12:15	1.8	SE
20260314	12:30	1.8	SE
20260314	12:45	1.8	SSE
20260314	13:00	1.8	SE
20260314	13:15	1.8	SE
20260314	13:30	1.8	SE
20260314	13:45	1.3	SE
20260314	14:00	0.9	WSW
20260314	14:15	1.3	SE
20260314	14:30	1.3	SSE
20260314	14:45	1.3	SE
20260314	15:00	1.3	E
20260314	15:15	1.8	SE
20260314	15:30	1.8	SE
20260314	15:45	1.8	SE
20260314	16:00	1.8	SE
20260314	16:15	1.3	SE
20260314	16:30	1.8	SE
20260314	16:45	1.8	SE
20260314	17:00	2.7	SE
20260314	17:15	2.7	SE
20260314	17:30	2.2	SE
20260314	17:45	1.8	SE
20260314	18:00	2.2	SE
20260314	18:15	1.8	SE
20260314	18:30	0.9	SE
20260314	18:45	0.9	SE
20260314	19:00	0.4	SE
20260314	19:15	0.4	E
20260314	19:30	0	E
20260314	19:45	0	---
20260314	20:00	0	---
20260314	20:15	0	---
20260314	20:30	0	---
20260314	20:45	0	ENE
20260314	21:00	0	ENE
20260314	21:15	0.4	ESE
20260314	21:30	0.4	N
20260314	21:45	0.4	NW
20260314	22:00	0.4	NW
20260314	22:15	0.4	NW
20260314	22:30	0	NNE
20260314	22:45	0.4	NNE
20260314	23:00	1.3	SE
20260314	23:15	0.9	SE
20260314	23:30	0.9	SE
20260314	23:45	0.4	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260315	00:00	0.9	E
20260315	00:15	0.4	N
20260315	00:30	0.4	NW
20260315	00:45	0.0	NW
20260315	01:00	0.0	NNW
20260315	01:15	0.0	NNE
20260315	01:30	0.4	NE
20260315	01:45	0.4	NNE
20260315	02:00	0.4	NNE
20260315	02:15	0.4	NNE
20260315	02:30	0.4	ENE
20260315	02:45	0.4	ESE
20260315	03:00	1.3	SE
20260315	03:15	0.4	ESE
20260315	03:30	0.9	SE
20260315	03:45	0.9	SE
20260315	04:00	0.9	SE
20260315	04:15	0.9	SE
20260315	04:30	0.4	SE
20260315	04:45	0.4	SE
20260315	05:00	0.4	SE
20260315	05:15	0.9	SE
20260315	05:30	1.3	SE
20260315	05:45	1.3	SE
20260315	06:00	1.3	SE
20260315	06:15	1.3	SE
20260315	06:30	0.9	SE
20260315	06:45	0.9	SE
20260315	07:00	1.3	SE
20260315	07:15	0.9	SE
20260315	07:30	0.9	SE
20260315	07:45	1.8	SE
20260315	08:00	1.8	SE
20260315	08:15	1.8	SE
20260315	08:30	1.3	SE
20260315	08:45	1.3	SE
20260315	09:00	0.9	SE
20260315	09:15	0.9	SE
20260315	09:30	1.3	SE
20260315	09:45	0.9	SE
20260315	10:00	0.9	SE
20260315	10:15	0.9	SE
20260315	10:30	1.3	SE
20260315	10:45	1.3	ESE
20260315	11:00	0.9	SE
20260315	11:15	0.9	SE
20260315	11:30	0.9	WSW
20260315	11:45	1.3	WSW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260315	12:00	1.8	SE
20260315	12:15	1.3	SE
20260315	12:30	1.3	SE
20260315	12:45	0.9	SE
20260315	13:00	1.3	SE
20260315	13:15	1.8	SE
20260315	13:30	2.2	SE
20260315	13:45	1.8	SE
20260315	14:00	1.8	SE
20260315	14:15	1.3	W
20260315	14:30	1.3	SE
20260315	14:45	1.3	SE
20260315	15:00	1.8	SE
20260315	15:15	1.3	SE
20260315	15:30	1.8	SE
20260315	15:45	2.7	SE
20260315	16:00	2.7	SE
20260315	16:15	2.2	SE
20260315	16:30	2.2	SE
20260315	16:45	2.2	SE
20260315	17:00	2.2	SE
20260315	17:15	1.8	SE
20260315	17:30	1.8	SE
20260315	17:45	1.3	SE
20260315	18:00	1.3	SE
20260315	18:15	0.9	ESE
20260315	18:30	0.9	E
20260315	18:45	1.3	SE
20260315	19:00	1.3	SE
20260315	19:15	1.8	SE
20260315	19:30	1.8	SE
20260315	19:45	1.8	SE
20260315	20:00	1.3	SE
20260315	20:15	1.3	SE
20260315	20:30	0.4	SE
20260315	20:45	0.9	SE
20260315	21:00	0.4	S
20260315	21:15	0.4	S
20260315	21:30	0.4	NNE
20260315	21:45	0.4	SSW
20260315	22:00	0.9	SE
20260315	22:15	1.3	SE
20260315	22:30	0.9	SSE
20260315	22:45	0.4	ESE
20260315	23:00	0.4	SSW
20260315	23:15	0.4	SSE
20260315	23:30	0.9	SE
20260315	23:45	1.8	SSE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260316	00:00	1.8	SE
20260316	00:15	2.2	SE
20260316	00:30	2.2	SE
20260316	00:45	1.8	SE
20260316	01:00	1.8	SE
20260316	01:15	1.3	SE
20260316	01:30	1.3	SE
20260316	01:45	1.3	SE
20260316	02:00	0.9	SE
20260316	02:15	0.9	SE
20260316	02:30	0.9	SE
20260316	02:45	0.9	SE
20260316	03:00	0.9	E
20260316	03:15	0.4	ESE
20260316	03:30	0.4	ENE
20260316	03:45	0.9	SE
20260316	04:00	0.4	SE
20260316	04:15	0.4	ESE
20260316	04:30	0.4	NE
20260316	04:45	0.4	NNE
20260316	05:00	0.9	NE
20260316	05:15	0.4	NNW
20260316	05:30	0.9	WSW
20260316	05:45	0.4	WSW
20260316	06:00	0.0	WSW
20260316	06:15	0.4	WSW
20260316	06:30	0.4	SE
20260316	06:45	1.8	SE
20260316	07:00	0.4	SE
20260316	07:15	0.4	ESE
20260316	07:30	0.0	SSE
20260316	07:45	0.9	SSE
20260316	08:00	0.9	SE
20260316	08:15	1.3	SE
20260316	08:30	0.9	SE
20260316	08:45	0.9	ESE
20260316	09:00	1.3	N
20260316	09:15	1.3	SE
20260316	09:30	0.9	N
20260316	09:45	1.3	SE
20260316	10:00	1.3	SE
20260316	10:15	1.8	SE
20260316	10:30	1.3	N
20260316	10:45	2.2	SE
20260316	11:00	1.8	SE
20260316	11:15	2.2	SE
20260316	11:30	1.8	SE
20260316	11:45	2.2	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260316	12:00	2.2	SSE
20260316	12:15	1.8	SE
20260316	12:30	1.3	SSE
20260316	12:45	1.8	SE
20260316	13:00	1.3	SSE
20260316	13:15	1.3	SE
20260316	13:30	1.3	SE
20260316	13:45	1.3	SE
20260316	14:00	1.3	SE
20260316	14:15	1.3	SE
20260316	14:30	1.8	SSE
20260316	14:45	2.2	SE
20260316	15:00	2.2	SE
20260316	15:15	1.8	SE
20260316	15:30	2.2	SE
20260316	15:45	2.2	SE
20260316	16:00	1.3	SE
20260316	16:15	1.8	SE
20260316	16:30	2.2	SE
20260316	16:45	2.7	SE
20260316	17:00	2.2	SE
20260316	17:15	2.7	SE
20260316	17:30	1.8	SE
20260316	17:45	2.7	SE
20260316	18:00	1.8	SE
20260316	18:15	2.2	SE
20260316	18:30	2.2	SE
20260316	18:45	1.3	SE
20260316	19:00	1.3	SE
20260316	19:15	0.4	SE
20260316	19:30	0.4	NW
20260316	19:45	0	NW
20260316	20:00	0	NW
20260316	20:15	0	S
20260316	20:30	0.4	SE
20260316	20:45	0.9	SSE
20260316	21:00	0.9	SE
20260316	21:15	0.4	NNE
20260316	21:30	0.9	N
20260316	21:45	0.9	N
20260316	22:00	0.4	N
20260316	22:15	0.4	SE
20260316	22:30	0.4	NE
20260316	22:45	0.4	NNE
20260316	23:00	0.4	W
20260316	23:15	0.4	NNW
20260316	23:30	0.4	NNW
20260316	23:45	0.4	WNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260317	00:00	0.0	ESE
20260317	00:15	0.0	SSE
20260317	00:30	0.0	SE
20260317	00:45	0.0	E
20260317	01:00	0.0	NE
20260317	01:15	0.9	SE
20260317	01:30	0.0	N
20260317	01:45	0.0	NNW
20260317	02:00	0.4	NNW
20260317	02:15	0.0	NNW
20260317	02:30	0.4	S
20260317	02:45	0.4	ESE
20260317	03:00	0.0	E
20260317	03:15	0.0	---
20260317	03:30	0.0	SSE
20260317	03:45	0.0	ENE
20260317	04:00	0.0	ENE
20260317	04:15	0.4	N
20260317	04:30	0.4	SE
20260317	04:45	0.4	SE
20260317	05:00	0.4	SE
20260317	05:15	0.4	SE
20260317	05:30	0.4	N
20260317	05:45	0.4	SE
20260317	06:00	0.4	NE
20260317	06:15	0.0	NNE
20260317	06:30	0.0	---
20260317	06:45	0.0	---
20260317	07:00	0.0	---
20260317	07:15	0.0	---
20260317	07:30	0.0	---
20260317	07:45	0.0	---
20260317	08:00	0.4	SE
20260317	08:15	2.2	SE
20260317	08:30	1.8	SE
20260317	08:45	2.2	SE
20260317	09:00	3.1	SE
20260317	09:15	2.7	SE
20260317	09:30	2.7	SE
20260317	09:45	2.2	SE
20260317	10:00	2.2	SE
20260317	10:15	2.2	SE
20260317	10:30	2.2	SE
20260317	10:45	1.3	SSE
20260317	11:00	0.9	SSE
20260317	11:15	1.8	SE
20260317	11:30	1.3	SSE
20260317	11:45	1.3	SSE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260317	12:00	1.3	ESE
20260317	12:15	1.3	S
20260317	12:30	1.3	SE
20260317	12:45	1.8	SE
20260317	13:00	1.8	SE
20260317	13:15	1.8	SSE
20260317	13:30	1.3	SSE
20260317	13:45	0.9	SE
20260317	14:00	0.9	SE
20260317	14:15	0.9	SSE
20260317	14:30	0.4	ENE
20260317	14:45	1.3	SE
20260317	15:00	0.9	SE
20260317	15:15	0.0	SE
20260317	15:30	0.4	WSW
20260317	15:45	0.9	WNW
20260317	16:00	0.4	W
20260317	16:15	0.9	SSE
20260317	16:30	0.4	SW
20260317	16:45	0.4	SE
20260317	17:00	0.4	SE
20260317	17:15	0.9	SE
20260317	17:30	1.3	SE
20260317	17:45	0.9	SE
20260317	18:00	0.9	SE
20260317	18:15	0.9	SE
20260317	18:30	0.4	SE
20260317	18:45	0.9	SE
20260317	19:00	0.9	SE
20260317	19:15	0.9	SE
20260317	19:30	1.8	SE
20260317	19:45	1.8	SE
20260317	20:00	2.2	SE
20260317	20:15	1.8	SE
20260317	20:30	1.3	SE
20260317	20:45	0.9	SE
20260317	21:00	0.4	SE
20260317	21:15	0.9	NE
20260317	21:30	0.9	E
20260317	21:45	0.9	NNE
20260317	22:00	0.9	NNW
20260317	22:15	0.4	N
20260317	22:30	0	WNW
20260317	22:45	0.4	SE
20260317	23:00	0.4	NNE
20260317	23:15	0.4	NW
20260317	23:30	0	---
20260317	23:45	0	N

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260318	00:00	0.0	---
20260318	00:15	0.0	---
20260318	00:30	0.0	N
20260318	00:45	0.0	---
20260318	01:00	0.0	N
20260318	01:15	0.0	NNE
20260318	01:30	0.0	NNW
20260318	01:45	0.0	NNW
20260318	02:00	0.4	NNE
20260318	02:15	0.4	NNW
20260318	02:30	0.0	NNW
20260318	02:45	0.0	---
20260318	03:00	0.0	NNW
20260318	03:15	0.0	SSE
20260318	03:30	0.4	SSE
20260318	03:45	0.0	---
20260318	04:00	0.0	SE
20260318	04:15	0.4	SE
20260318	04:30	0.0	NNE
20260318	04:45	0.0	SSE
20260318	05:00	0.0	SSE
20260318	05:15	0.0	SE
20260318	05:30	0.4	SSW
20260318	05:45	0.4	SE
20260318	06:00	0.0	E
20260318	06:15	0.0	---
20260318	06:30	0.0	SE
20260318	06:45	0.0	SW
20260318	07:00	0.0	WNW
20260318	07:15	0.0	WNW
20260318	07:30	0.0	WNW
20260318	07:45	0.0	WNW
20260318	08:00	0.0	WNW
20260318	08:15	0.4	N
20260318	08:30	0.0	N
20260318	08:45	0.0	N
20260318	09:00	0.4	NNW
20260318	09:15	0.4	N
20260318	09:30	1.3	SSE
20260318	09:45	1.8	SE
20260318	10:00	0.9	WSW
20260318	10:15	1.3	SSE
20260318	10:30	1.3	SE
20260318	10:45	1.3	SE
20260318	11:00	1.8	SE
20260318	11:15	1.3	SE
20260318	11:30	0.9	SE
20260318	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260318	12:00	1.8	SE
20260318	12:15	1.8	SE
20260318	12:30	1.3	SE
20260318	12:45	0.9	SE
20260318	13:00	0.9	SSE
20260318	13:15	1.3	SE
20260318	13:30	1.3	SE
20260318	13:45	1.3	SE
20260318	14:00	1.3	SE
20260318	14:15	1.3	SE
20260318	14:30	1.3	SE
20260318	14:45	0.9	SSE
20260318	15:00	0.9	SSE
20260318	15:15	0.9	SSE
20260318	15:30	1.3	SE
20260318	15:45	1.3	SE
20260318	16:00	1.3	SE
20260318	16:15	1.3	SE
20260318	16:30	0.9	SSE
20260318	16:45	0.9	SSE
20260318	17:00	0.4	SSE
20260318	17:15	0.4	SSE
20260318	17:30	1.3	SE
20260318	17:45	1.3	SE
20260318	18:00	0.9	SE
20260318	18:15	1.3	SE
20260318	18:30	0.4	SE
20260318	18:45	0	---
20260318	19:00	0	---
20260318	19:15	0	---
20260318	19:30	0	---
20260318	19:45	0	---
20260318	20:00	0	---
20260318	20:15	0	---
20260318	20:30	0	---
20260318	20:45	0	---
20260318	21:00	0	---
20260318	21:15	0	---
20260318	21:30	0	---
20260318	21:45	0	---
20260318	22:00	0	---
20260318	22:15	0	---
20260318	22:30	0	---
20260318	22:45	0	---
20260318	23:00	0	---
20260318	23:15	0	---
20260318	23:30	0	---
20260318	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260319	00:00	0.0	---
20260319	00:15	0.0	---
20260319	00:30	0.0	---
20260319	00:45	0.0	---
20260319	01:00	0.0	---
20260319	01:15	0.0	---
20260319	01:30	0.0	---
20260319	01:45	0.0	---
20260319	02:00	0.0	---
20260319	02:15	0.0	---
20260319	02:30	0.0	---
20260319	02:45	0.0	---
20260319	03:00	0.0	---
20260319	03:15	0.0	---
20260319	03:30	0.0	---
20260319	03:45	0.0	---
20260319	04:00	0.0	---
20260319	04:15	0.0	---
20260319	04:30	0.0	---
20260319	04:45	0.0	---
20260319	05:00	0.0	---
20260319	05:15	0.0	---
20260319	05:30	0.0	---
20260319	05:45	0.0	---
20260319	06:00	0.0	---
20260319	06:15	0.0	---
20260319	06:30	0.0	---
20260319	06:45	0.0	---
20260319	07:00	0.0	---
20260319	07:15	0.0	SE
20260319	07:30	0.4	SE
20260319	07:45	0.4	SE
20260319	08:00	0.4	SE
20260319	08:15	0.4	NNE
20260319	08:30	0.4	NNE
20260319	08:45	0.0	---
20260319	09:00	0.4	SE
20260319	09:15	0.4	SE
20260319	09:30	0.4	SSE
20260319	09:45	0.4	NNW
20260319	10:00	0.4	N
20260319	10:15	0.4	N
20260319	10:30	0.9	W
20260319	10:45	0.9	SE
20260319	11:00	0.9	SE
20260319	11:15	0.9	SE
20260319	11:30	0.9	SE
20260319	11:45	0.9	E

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260319	12:00	1.3	SE
20260319	12:15	1.3	SE
20260319	12:30	1.8	SE
20260319	12:45	1.8	SE
20260319	13:00	2.2	SE
20260319	13:15	1.8	SE
20260319	13:30	0.9	SE
20260319	13:45	1.3	SSE
20260319	14:00	0.9	SSE
20260319	14:15	1.3	SSE
20260319	14:30	1.3	WSW
20260319	14:45	0.9	W
20260319	15:00	1.3	SE
20260319	15:15	0.9	SE
20260319	15:30	1.8	SSE
20260319	15:45	1.3	SE
20260319	16:00	1.3	SE
20260319	16:15	1.8	SE
20260319	16:30	1.8	SE
20260319	16:45	1.3	SE
20260319	17:00	1.8	SE
20260319	17:15	1.8	SE
20260319	17:30	1.3	SE
20260319	17:45	1.3	SE
20260319	18:00	1.3	SE
20260319	18:15	1.3	SE
20260319	18:30	2.2	SE
20260319	18:45	2.2	SE
20260319	19:00	1.8	SE
20260319	19:15	1.8	SE
20260319	19:30	1.3	SE
20260319	19:45	1.8	SE
20260319	20:00	1.8	SE
20260319	20:15	1.8	SE
20260319	20:30	1.8	SE
20260319	20:45	1.3	SE
20260319	21:00	1.3	SE
20260319	21:15	1.3	SE
20260319	21:30	1.3	SE
20260319	21:45	1.3	SE
20260319	22:00	2.2	SE
20260319	22:15	2.2	SE
20260319	22:30	1.3	SE
20260319	22:45	0.4	SSE
20260319	23:00	0.9	SSE
20260319	23:15	0.9	SE
20260319	23:30	0.9	SE
20260319	23:45	1.3	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260320	00:00	1.8	SE
20260320	00:15	1.8	SE
20260320	00:30	1.8	SE
20260320	00:45	1.8	SE
20260320	01:00	1.8	SE
20260320	01:15	1.3	SE
20260320	01:30	1.3	SE
20260320	01:45	1.3	SE
20260320	02:00	0.9	SE
20260320	02:15	0.9	SE
20260320	02:30	0.4	SE
20260320	02:45	0.9	SE
20260320	03:00	1.3	SE
20260320	03:15	1.3	SE
20260320	03:30	0.9	SE
20260320	03:45	0.4	SE
20260320	04:00	1.3	SSE
20260320	04:15	0.4	SE
20260320	04:30	0.9	SE
20260320	04:45	1.8	SE
20260320	05:00	1.8	SE
20260320	05:15	1.3	SSE
20260320	05:30	1.8	SE
20260320	05:45	0.9	SE
20260320	06:00	0.9	SSE
20260320	06:15	1.3	SE
20260320	06:30	1.3	SE
20260320	06:45	1.3	SE
20260320	07:00	1.8	SE
20260320	07:15	1.3	SE
20260320	07:30	1.3	SE
20260320	07:45	0.9	SE
20260320	08:00	1.3	SE
20260320	08:15	0.9	SSE
20260320	08:30	1.3	SE
20260320	08:45	1.3	SE
20260320	09:00	2.2	SE
20260320	09:15	1.8	SE
20260320	09:30	1.8	SE
20260320	09:45	1.8	SE
20260320	10:00	1.8	SE
20260320	10:15	1.3	SE
20260320	10:30	1.8	SE
20260320	10:45	2.2	SE
20260320	11:00	2.7	SE
20260320	11:15	2.7	SE
20260320	11:30	2.7	SE
20260320	11:45	2.2	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260320	12:00	2.7	SE
20260320	12:15	2.2	SSE
20260320	12:30	2.7	SE
20260320	12:45	2.7	SE
20260320	13:00	2.7	SE
20260320	13:15	2.2	SE
20260320	13:30	2.7	SE
20260320	13:45	2.2	SE
20260320	14:00	2.2	SE
20260320	14:15	2.2	SE
20260320	14:30	1.8	SE
20260320	14:45	2.2	SSE
20260320	15:00	0.9	SE
20260320	15:15	1.8	ESE
20260320	15:30	1.3	SE
20260320	15:45	1.8	SE
20260320	16:00	1.8	SE
20260320	16:15	1.3	SSE
20260320	16:30	1.3	SSE
20260320	16:45	1.3	SSE
20260320	17:00	1.3	SE
20260320	17:15	1.3	SE
20260320	17:30	1.8	SSE
20260320	17:45	1.3	SE
20260320	18:00	1.8	SE
20260320	18:15	1.3	SE
20260320	18:30	1.3	SE
20260320	18:45	1.3	SE
20260320	19:00	1.3	SE
20260320	19:15	1.3	SE
20260320	19:30	1.8	SSE
20260320	19:45	1.3	SE
20260320	20:00	1.8	SE
20260320	20:15	1.3	SE
20260320	20:30	2.2	SE
20260320	20:45	2.7	SE
20260320	21:00	2.2	SE
20260320	21:15	2.2	SE
20260320	21:30	2.7	SE
20260320	21:45	2.7	SE
20260320	22:00	2.7	SE
20260320	22:15	2.2	SE
20260320	22:30	0.9	SE
20260320	22:45	0.9	SE
20260320	23:00	1.3	SSE
20260320	23:15	0.4	SSE
20260320	23:30	0	SE
20260320	23:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260321	00:00	1.8	SE
20260321	00:15	1.3	SE
20260321	00:30	0.4	SSE
20260321	00:45	0.9	SE
20260321	01:00	0.4	SSE
20260321	01:15	0.4	NNW
20260321	01:30	0.4	SE
20260321	01:45	0.9	SE
20260321	02:00	1.3	SE
20260321	02:15	1.3	SE
20260321	02:30	1.3	SE
20260321	02:45	0.9	SSE
20260321	03:00	0.4	SE
20260321	03:15	0.9	SE
20260321	03:30	0.4	SE
20260321	03:45	0.4	SE
20260321	04:00	0.4	SSE
20260321	04:15	0.9	SE
20260321	04:30	0.9	SE
20260321	04:45	0.4	SE
20260321	05:00	0.9	SE
20260321	05:15	0.4	SE
20260321	05:30	0.9	SE
20260321	05:45	1.8	SE
20260321	06:00	1.3	SE
20260321	06:15	1.3	SE
20260321	06:30	1.3	SE
20260321	06:45	1.3	SE
20260321	07:00	0.9	SE
20260321	07:15	0.9	SE
20260321	07:30	1.3	SE
20260321	07:45	0.9	SE
20260321	08:00	1.3	SE
20260321	08:15	2.2	SE
20260321	08:30	0.9	SE
20260321	08:45	0.9	SE
20260321	09:00	0.9	SE
20260321	09:15	1.8	SE
20260321	09:30	0.9	SE
20260321	09:45	1.3	SE
20260321	10:00	1.8	SE
20260321	10:15	2.2	SE
20260321	10:30	1.8	SE
20260321	10:45	1.3	SE
20260321	11:00	1.8	SE
20260321	11:15	2.2	SE
20260321	11:30	1.8	SE
20260321	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260321	12:00	1.8	SE
20260321	12:15	1.8	SE
20260321	12:30	1.3	SE
20260321	12:45	1.8	SSE
20260321	13:00	0.9	SE
20260321	13:15	1.8	SE
20260321	13:30	1.8	SSE
20260321	13:45	1.8	SE
20260321	14:00	1.3	SE
20260321	14:15	1.8	SE
20260321	14:30	1.8	SE
20260321	14:45	1.8	SE
20260321	15:00	1.3	SSE
20260321	15:15	1.3	SE
20260321	15:30	0.9	SE
20260321	15:45	0.9	SE
20260321	16:00	0.4	SE
20260321	16:15	0.9	SE
20260321	16:30	0.4	SE
20260321	16:45	0.4	SSE
20260321	17:00	0.4	E
20260321	17:15	0.4	SE
20260321	17:30	0.4	SE
20260321	17:45	0.4	NE
20260321	18:00	0.4	ESE
20260321	18:15	0.4	SE
20260321	18:30	0	NE
20260321	18:45	0.4	SE
20260321	19:00	0.9	SSE
20260321	19:15	0.4	SSE
20260321	19:30	0	SSW
20260321	19:45	0.4	SE
20260321	20:00	0.4	SE
20260321	20:15	0.4	ENE
20260321	20:30	0.4	NNE
20260321	20:45	0.4	NNW
20260321	21:00	0.4	N
20260321	21:15	0	N
20260321	21:30	0.4	SSE
20260321	21:45	0.9	SE
20260321	22:00	0.4	SE
20260321	22:15	0.4	SE
20260321	22:30	0.9	SSE
20260321	22:45	1.8	SE
20260321	23:00	2.2	SE
20260321	23:15	2.2	SE
20260321	23:30	0.9	SE
20260321	23:45	0.9	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260322	00:00	1.3	SSE
20260322	00:15	0.9	SSE
20260322	00:30	0.9	SSE
20260322	00:45	0.9	SE
20260322	01:00	1.3	SE
20260322	01:15	1.8	SE
20260322	01:30	1.8	SE
20260322	01:45	1.3	SE
20260322	02:00	1.3	SE
20260322	02:15	0.4	SE
20260322	02:30	0.9	SE
20260322	02:45	1.3	SE
20260322	03:00	1.3	SE
20260322	03:15	1.3	SE
20260322	03:30	1.3	SE
20260322	03:45	1.8	SE
20260322	04:00	0.4	SE
20260322	04:15	0.9	SE
20260322	04:30	1.3	SE
20260322	04:45	0.9	SE
20260322	05:00	0.4	SE
20260322	05:15	0.9	SE
20260322	05:30	1.3	SE
20260322	05:45	0.4	SSE
20260322	06:00	0.9	SE
20260322	06:15	0.9	SE
20260322	06:30	0.9	SE
20260322	06:45	0.9	SE
20260322	07:00	0.9	SE
20260322	07:15	1.3	SE
20260322	07:30	1.3	SE
20260322	07:45	1.8	SE
20260322	08:00	1.3	SE
20260322	08:15	1.8	SE
20260322	08:30	2.2	SE
20260322	08:45	2.2	SE
20260322	09:00	2.7	SE
20260322	09:15	2.2	SSE
20260322	09:30	2.7	SE
20260322	09:45	2.7	SE
20260322	10:00	2.7	SE
20260322	10:15	2.2	SE
20260322	10:30	2.2	SE
20260322	10:45	2.7	SE
20260322	11:00	2.2	SE
20260322	11:15	2.2	SE
20260322	11:30	2.2	SSE
20260322	11:45	2.2	SSE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260322	12:00	2.7	SE
20260322	12:15	1.8	SSE
20260322	12:30	1.8	SE
20260322	12:45	1.8	SSE
20260322	13:00	1.8	SE
20260322	13:15	1.3	SSE
20260322	13:30	1.3	SE
20260322	13:45	0.9	SE
20260322	14:00	1.3	SE
20260322	14:15	1.3	SE
20260322	14:30	0.9	SE
20260322	14:45	1.8	SE
20260322	15:00	1.8	SE
20260322	15:15	2.2	SE
20260322	15:30	1.8	SE
20260322	15:45	1.8	SE
20260322	16:00	2.2	SE
20260322	16:15	2.2	SE
20260322	16:30	2.2	SE
20260322	16:45	2.7	SE
20260322	17:00	2.2	SE
20260322	17:15	2.7	SE
20260322	17:30	2.7	SE
20260322	17:45	2.2	SE
20260322	18:00	2.2	SE
20260322	18:15	1.8	SE
20260322	18:30	1.8	SE
20260322	18:45	1.3	SE
20260322	19:00	0.4	SSE
20260322	19:15	0	SSE
20260322	19:30	0	---
20260322	19:45	0	---
20260322	20:00	0	---
20260322	20:15	0	---
20260322	20:30	0	---
20260322	20:45	0	---
20260322	21:00	0	---
20260322	21:15	0	---
20260322	21:30	0	---
20260322	21:45	0	---
20260322	22:00	0	---
20260322	22:15	0	---
20260322	22:30	0	---
20260322	22:45	0	---
20260322	23:00	0	---
20260322	23:15	0	---
20260322	23:30	0	---
20260322	23:45	0	NW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260323	00:00	0.0	NW
20260323	00:15	0.0	---
20260323	00:30	0.0	NW
20260323	00:45	0.0	NW
20260323	01:00	0.0	---
20260323	01:15	0.0	---
20260323	01:30	0.0	---
20260323	01:45	0.0	---
20260323	02:00	0.0	---
20260323	02:15	0.0	---
20260323	02:30	0.0	---
20260323	02:45	0.0	---
20260323	03:00	0.0	---
20260323	03:15	0.0	---
20260323	03:30	0.0	---
20260323	03:45	0.0	---
20260323	04:00	0.0	---
20260323	04:15	0.0	---
20260323	04:30	0.0	---
20260323	04:45	0.0	---
20260323	05:00	0.0	---
20260323	05:15	0.0	---
20260323	05:30	0.0	---
20260323	05:45	0.0	---
20260323	06:00	0.0	---
20260323	06:15	0.0	---
20260323	06:30	0.0	---
20260323	06:45	0.0	---
20260323	07:00	0.0	---
20260323	07:15	0.0	---
20260323	07:30	0.0	---
20260323	07:45	0.0	---
20260323	08:00	0.0	---
20260323	08:15	0.0	---
20260323	08:30	0.0	E
20260323	08:45	0.4	WSW
20260323	09:00	0.4	SE
20260323	09:15	1.3	SE
20260323	09:30	2.2	SE
20260323	09:45	1.8	SE
20260323	10:00	1.8	SE
20260323	10:15	2.7	SE
20260323	10:30	1.3	SE
20260323	10:45	2.2	SE
20260323	11:00	1.8	SE
20260323	11:15	1.3	SE
20260323	11:30	0.9	SE
20260323	11:45	1.3	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260323	12:00	1.3	SE
20260323	12:15	1.3	SE
20260323	12:30	1.3	SE
20260323	12:45	1.3	SE
20260323	13:00	1.3	SE
20260323	13:15	1.8	SE
20260323	13:30	0.9	E
20260323	13:45	1.3	SE
20260323	14:00	1.3	SE
20260323	14:15	1.3	SE
20260323	14:30	1.8	SE
20260323	14:45	1.8	SE
20260323	15:00	2.2	SE
20260323	15:15	2.2	SE
20260323	15:30	1.8	SE
20260323	15:45	1.3	SE
20260323	16:00	1.3	SE
20260323	16:15	1.3	SE
20260323	16:30	0.9	S
20260323	16:45	0.9	SE
20260323	17:00	0.9	SSE
20260323	17:15	1.3	SE
20260323	17:30	1.8	SE
20260323	17:45	2.2	SE
20260323	18:00	1.8	SE
20260323	18:15	1.3	SE
20260323	18:30	0.9	SE
20260323	18:45	1.3	SE
20260323	19:00	2.2	SE
20260323	19:15	2.2	SE
20260323	19:30	1.3	SE
20260323	19:45	1.3	SE
20260323	20:00	1.3	SE
20260323	20:15	0.9	SSE
20260323	20:30	0.9	SSE
20260323	20:45	0.4	SE
20260323	21:00	1.3	SE
20260323	21:15	1.8	SE
20260323	21:30	1.3	SE
20260323	21:45	1.3	SE
20260323	22:00	0.9	SE
20260323	22:15	0.9	SE
20260323	22:30	0.9	SE
20260323	22:45	0.9	ESE
20260323	23:00	0.4	SE
20260323	23:15	0.4	ESE
20260323	23:30	0.4	SE
20260323	23:45	0.4	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260324	00:00	0.0	SE
20260324	00:15	0.0	SSE
20260324	00:30	0.0	SSE
20260324	00:45	0.0	SSE
20260324	01:00	0.0	---
20260324	01:15	0.0	SSE
20260324	01:30	0.0	SSE
20260324	01:45	0.0	SSE
20260324	02:00	0.0	SSE
20260324	02:15	0.0	---
20260324	02:30	0.0	---
20260324	02:45	0.0	---
20260324	03:00	0.0	---
20260324	03:15	0.0	---
20260324	03:30	0.0	SE
20260324	03:45	0.9	SE
20260324	04:00	0.9	SE
20260324	04:15	0.9	SE
20260324	04:30	0.4	SE
20260324	04:45	0.0	SE
20260324	05:00	0.0	---
20260324	05:15	0.4	SSE
20260324	05:30	0.9	SE
20260324	05:45	0.9	SE
20260324	06:00	0.9	SE
20260324	06:15	1.8	SE
20260324	06:30	1.3	SE
20260324	06:45	0.0	ESE
20260324	07:00	0.0	SE
20260324	07:15	0.4	N
20260324	07:30	0.0	N
20260324	07:45	0.0	---
20260324	08:00	0.0	N
20260324	08:15	0.0	N
20260324	08:30	0.0	N
20260324	08:45	0.0	N
20260324	09:00	0.4	SE
20260324	09:15	0.4	SE
20260324	09:30	0.9	SE
20260324	09:45	0.0	WSW
20260324	10:00	0.4	SW
20260324	10:15	0.4	SE
20260324	10:30	0.9	SE
20260324	10:45	0.9	SE
20260324	11:00	0.9	SE
20260324	11:15	0.9	SE
20260324	11:30	0.0	SE
20260324	11:45	0.9	WSW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260324	12:00	1.3	SE
20260324	12:15	1.8	SE
20260324	12:30	1.8	SE
20260324	12:45	1.3	SSE
20260324	13:00	1.3	SSE
20260324	13:15	0.9	SSE
20260324	13:30	1.3	SE
20260324	13:45	1.3	SE
20260324	14:00	1.3	SE
20260324	14:15	0.9	SE
20260324	14:30	1.3	SE
20260324	14:45	1.8	SE
20260324	15:00	1.8	SE
20260324	15:15	1.3	SE
20260324	15:30	1.3	SE
20260324	15:45	0.9	SE
20260324	16:00	1.3	E
20260324	16:15	2.2	SE
20260324	16:30	2.2	SE
20260324	16:45	2.2	SE
20260324	17:00	1.3	SE
20260324	17:15	1.3	SE
20260324	17:30	1.8	SE
20260324	17:45	1.8	SE
20260324	18:00	0.9	SE
20260324	18:15	0.9	SE
20260324	18:30	1.8	SE
20260324	18:45	1.3	SE
20260324	19:00	1.8	SE
20260324	19:15	2.7	SE
20260324	19:30	0.9	SE
20260324	19:45	0	ESE
20260324	20:00	0	SSW
20260324	20:15	0	SSW
20260324	20:30	0	SSW
20260324	20:45	0	---
20260324	21:00	0	---
20260324	21:15	0	---
20260324	21:30	0	---
20260324	21:45	0	---
20260324	22:00	0	---
20260324	22:15	0	---
20260324	22:30	0	---
20260324	22:45	0	SSW
20260324	23:00	0	---
20260324	23:15	0	SSW
20260324	23:30	0	---
20260324	23:45	0	SSW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260325	00:00	0.0	---
20260325	00:15	0.0	---
20260325	00:30	0.0	---
20260325	00:45	0.0	---
20260325	01:00	0.0	---
20260325	01:15	0.0	---
20260325	01:30	0.0	---
20260325	01:45	0.0	---
20260325	02:00	0.0	---
20260325	02:15	0.0	---
20260325	02:30	0.0	---
20260325	02:45	0.0	---
20260325	03:00	0.0	---
20260325	03:15	0.0	---
20260325	03:30	0.0	---
20260325	03:45	0.0	---
20260325	04:00	0.0	---
20260325	04:15	0.0	---
20260325	04:30	0.0	---
20260325	04:45	0.0	---
20260325	05:00	0.0	---
20260325	05:15	0.0	---
20260325	05:30	0.0	---
20260325	05:45	0.0	---
20260325	06:00	0.0	---
20260325	06:15	0.0	---
20260325	06:30	0.0	---
20260325	06:45	0.0	---
20260325	07:00	0.0	---
20260325	07:15	0.0	---
20260325	07:30	0.0	---
20260325	07:45	0.0	---
20260325	08:00	0.0	---
20260325	08:15	0.0	SSW
20260325	08:30	0.4	SSW
20260325	08:45	0.0	SSW
20260325	09:00	0.0	---
20260325	09:15	0.0	---
20260325	09:30	0.4	N
20260325	09:45	0.9	NNE
20260325	10:00	0.9	NNW
20260325	10:15	1.3	NNW
20260325	10:30	1.3	NNW
20260325	10:45	1.3	NNW
20260325	11:00	1.3	N
20260325	11:15	0.9	NNW
20260325	11:30	1.3	NNW
20260325	11:45	1.8	NNW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260325	12:00	1.3	N
20260325	12:15	1.3	NNW
20260325	12:30	0.9	NNW
20260325	12:45	0.9	N
20260325	13:00	1.3	NNW
20260325	13:15	0.4	NNW
20260325	13:30	0.9	SE
20260325	13:45	0.9	WNW
20260325	14:00	1.3	WSW
20260325	14:15	1.3	SE
20260325	14:30	1.8	WSW
20260325	14:45	1.3	SE
20260325	15:00	0.9	SE
20260325	15:15	0.9	SSE
20260325	15:30	1.3	SE
20260325	15:45	1.3	SE
20260325	16:00	0.9	SE
20260325	16:15	1.3	SE
20260325	16:30	1.8	SE
20260325	16:45	1.3	SE
20260325	17:00	1.3	SE
20260325	17:15	1.3	SE
20260325	17:30	1.8	SE
20260325	17:45	1.3	SE
20260325	18:00	1.3	SE
20260325	18:15	1.8	SE
20260325	18:30	1.8	SE
20260325	18:45	1.8	SE
20260325	19:00	1.3	SE
20260325	19:15	0.9	SE
20260325	19:30	0	SSE
20260325	19:45	0	SSE
20260325	20:00	0	---
20260325	20:15	0	---
20260325	20:30	0	---
20260325	20:45	0	SSE
20260325	21:00	0.9	SE
20260325	21:15	0.4	SE
20260325	21:30	0	---
20260325	21:45	0	---
20260325	22:00	0	SE
20260325	22:15	0	SE
20260325	22:30	0	SE
20260325	22:45	0	---
20260325	23:00	0	---
20260325	23:15	0	---
20260325	23:30	0	---
20260325	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260326	00:00	0.0	---
20260326	00:15	0.0	SE
20260326	00:30	0.0	---
20260326	00:45	0.0	SE
20260326	01:00	0.0	S
20260326	01:15	0.0	S
20260326	01:30	0.0	S
20260326	01:45	0.0	---
20260326	02:00	0.0	S
20260326	02:15	0.0	S
20260326	02:30	0.0	S
20260326	02:45	0.0	S
20260326	03:00	0.0	S
20260326	03:15	0.0	---
20260326	03:30	0.0	---
20260326	03:45	0.0	---
20260326	04:00	0.0	---
20260326	04:15	0.0	---
20260326	04:30	0.0	---
20260326	04:45	0.0	---
20260326	05:00	0.0	S
20260326	05:15	0.0	S
20260326	05:30	0.0	S
20260326	05:45	0.0	S
20260326	06:00	0.0	S
20260326	06:15	0.0	---
20260326	06:30	0.0	---
20260326	06:45	0.0	SE
20260326	07:00	0.4	SE
20260326	07:15	0.9	SE
20260326	07:30	0.9	SE
20260326	07:45	0.4	SSE
20260326	08:00	0.9	SE
20260326	08:15	0.4	SE
20260326	08:30	0.9	SSE
20260326	08:45	0.9	SE
20260326	09:00	0.9	SE
20260326	09:15	0.9	SSE
20260326	09:30	0.9	SSE
20260326	09:45	1.3	SE
20260326	10:00	0.9	SSE
20260326	10:15	2.2	SE
20260326	10:30	2.2	SE
20260326	10:45	1.8	SE
20260326	11:00	2.2	SE
20260326	11:15	2.2	SSE
20260326	11:30	2.2	SE
20260326	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260326	12:00	1.8	SE
20260326	12:15	1.8	SE
20260326	12:30	1.3	SE
20260326	12:45	2.2	SE
20260326	13:00	1.8	SE
20260326	13:15	2.2	SE
20260326	13:30	1.8	SE
20260326	13:45	2.2	SE
20260326	14:00	2.2	SE
20260326	14:15	1.8	SE
20260326	14:30	2.2	SE
20260326	14:45	2.2	SE
20260326	15:00	2.2	SE
20260326	15:15	2.2	SE
20260326	15:30	2.2	SE
20260326	15:45	2.7	SE
20260326	16:00	2.2	SE
20260326	16:15	2.7	SE
20260326	16:30	2.2	SE
20260326	16:45	2.2	SE
20260326	17:00	2.2	SE
20260326	17:15	2.2	SE
20260326	17:30	1.8	SE
20260326	17:45	1.8	SE
20260326	18:00	1.8	SE
20260326	18:15	1.8	SE
20260326	18:30	1.3	SE
20260326	18:45	0.9	SE
20260326	19:00	0.4	SE
20260326	19:15	0.9	SE
20260326	19:30	0.4	SE
20260326	19:45	0.4	SE
20260326	20:00	0.4	SE
20260326	20:15	0.4	SE
20260326	20:30	0.4	SE
20260326	20:45	0	SE
20260326	21:00	1.3	SE
20260326	21:15	1.3	SE
20260326	21:30	1.3	SE
20260326	21:45	0.9	SE
20260326	22:00	0.9	SE
20260326	22:15	1.3	SE
20260326	22:30	0.9	SE
20260326	22:45	1.3	SE
20260326	23:00	1.3	SE
20260326	23:15	1.8	SE
20260326	23:30	1.3	SE
20260326	23:45	0.9	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260327	00:00	1.3	SE
20260327	00:15	0.9	SE
20260327	00:30	0.9	SSE
20260327	00:45	0.9	SSE
20260327	01:00	0.4	SE
20260327	01:15	0.9	SE
20260327	01:30	0.4	SSE
20260327	01:45	0.9	SE
20260327	02:00	0.4	SE
20260327	02:15	0.4	ESE
20260327	02:30	0.4	SE
20260327	02:45	0.4	SSE
20260327	03:00	0.9	SSE
20260327	03:15	0.9	SE
20260327	03:30	0.4	SE
20260327	03:45	0.4	SSE
20260327	04:00	0.4	SE
20260327	04:15	0.9	SE
20260327	04:30	0.4	SSE
20260327	04:45	0.4	ESE
20260327	05:00	0.0	SE
20260327	05:15	0.0	---
20260327	05:30	0.0	E
20260327	05:45	0.0	---
20260327	06:00	0.0	E
20260327	06:15	0.0	E
20260327	06:30	0.0	E
20260327	06:45	0.4	SSE
20260327	07:00	0.4	ESE
20260327	07:15	0.9	SE
20260327	07:30	0.9	ESE
20260327	07:45	0.4	SE
20260327	08:00	0.0	SE
20260327	08:15	0.4	SE
20260327	08:30	0.0	ESE
20260327	08:45	0.9	SE
20260327	09:00	0.9	SE
20260327	09:15	0.9	SE
20260327	09:30	0.9	SE
20260327	09:45	0.4	SE
20260327	10:00	0.9	SE
20260327	10:15	1.3	SE
20260327	10:30	1.3	SSE
20260327	10:45	1.8	SE
20260327	11:00	1.3	SE
20260327	11:15	1.8	SE
20260327	11:30	1.8	SE
20260327	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260327	12:00	1.8	SE
20260327	12:15	1.8	SE
20260327	12:30	1.8	SE
20260327	12:45	1.8	SE
20260327	13:00	1.8	SE
20260327	13:15	1.8	SE
20260327	13:30	1.8	SE
20260327	13:45	2.2	SE
20260327	14:00	2.2	SSE
20260327	14:15	1.8	SE
20260327	14:30	1.8	SE
20260327	14:45	2.2	SE
20260327	15:00	1.8	SSE
20260327	15:15	2.2	SE
20260327	15:30	1.3	SE
20260327	15:45	1.3	SE
20260327	16:00	0.9	ESE
20260327	16:15	1.3	SE
20260327	16:30	0.4	SE
20260327	16:45	0.9	SE
20260327	17:00	0.9	SE
20260327	17:15	0.4	SE
20260327	17:30	0.4	SE
20260327	17:45	0.4	SE
20260327	18:00	0	SSE
20260327	18:15	0.4	SE
20260327	18:30	1.3	SE
20260327	18:45	0.9	SE
20260327	19:00	0.4	E
20260327	19:15	0.4	SE
20260327	19:30	0.4	SE
20260327	19:45	0.4	ENE
20260327	20:00	0	ESE
20260327	20:15	0.4	SE
20260327	20:30	0	SE
20260327	20:45	0.4	SE
20260327	21:00	0.4	E
20260327	21:15	0.4	SE
20260327	21:30	0.4	SE
20260327	21:45	0	E
20260327	22:00	0	E
20260327	22:15	0	E
20260327	22:30	0	NNE
20260327	22:45	0	ENE
20260327	23:00	0	SE
20260327	23:15	0	SE
20260327	23:30	0	SE
20260327	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260328	00:00	0.0	SE
20260328	00:15	0.4	SE
20260328	00:30	0.0	SE
20260328	00:45	0.0	---
20260328	01:00	0.0	---
20260328	01:15	0.0	---
20260328	01:30	0.0	---
20260328	01:45	0.0	---
20260328	02:00	0.4	SSE
20260328	02:15	0.4	ENE
20260328	02:30	0.9	SE
20260328	02:45	0.9	SSE
20260328	03:00	0.4	SE
20260328	03:15	0.0	---
20260328	03:30	0.0	---
20260328	03:45	0.0	---
20260328	04:00	0.0	SE
20260328	04:15	0.0	SE
20260328	04:30	0.0	SE
20260328	04:45	0.0	SE
20260328	05:00	0.0	---
20260328	05:15	0.0	---
20260328	05:30	0.0	SE
20260328	05:45	0.0	SE
20260328	06:00	0.0	ESE
20260328	06:15	0.0	E
20260328	06:30	0.4	SE
20260328	06:45	1.3	SE
20260328	07:00	2.2	SE
20260328	07:15	1.8	SE
20260328	07:30	1.3	SE
20260328	07:45	1.3	SE
20260328	08:00	0.9	SE
20260328	08:15	0.9	SSE
20260328	08:30	0.9	SE
20260328	08:45	1.3	SE
20260328	09:00	1.3	SSE
20260328	09:15	1.3	SSE
20260328	09:30	1.3	SE
20260328	09:45	1.8	SE
20260328	10:00	1.3	SE
20260328	10:15	1.8	SE
20260328	10:30	2.2	SE
20260328	10:45	1.8	SE
20260328	11:00	2.2	SE
20260328	11:15	2.2	SE
20260328	11:30	1.3	SE
20260328	11:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260328	12:00	1.3	SE
20260328	12:15	1.8	SE
20260328	12:30	1.8	SE
20260328	12:45	1.8	SE
20260328	13:00	2.2	SE
20260328	13:15	1.8	SE
20260328	13:30	2.2	SE
20260328	13:45	2.7	SE
20260328	14:00	1.8	SE
20260328	14:15	1.3	SE
20260328	14:30	1.8	SE
20260328	14:45	1.8	SE
20260328	15:00	2.2	SE
20260328	15:15	2.2	SE
20260328	15:30	2.2	SE
20260328	15:45	2.2	SE
20260328	16:00	2.7	SE
20260328	16:15	2.7	SE
20260328	16:30	2.7	SE
20260328	16:45	2.7	SE
20260328	17:00	1.8	SE
20260328	17:15	1.8	SE
20260328	17:30	1.8	SE
20260328	17:45	1.3	SE
20260328	18:00	1.8	SE
20260328	18:15	1.3	SE
20260328	18:30	1.3	SE
20260328	18:45	1.3	SE
20260328	19:00	1.3	SE
20260328	19:15	0.9	E
20260328	19:30	0.9	ESE
20260328	19:45	0.9	SE
20260328	20:00	0.4	SSE
20260328	20:15	0.9	SE
20260328	20:30	0.9	SE
20260328	20:45	0.9	SE
20260328	21:00	0.9	SE
20260328	21:15	0.9	SE
20260328	21:30	0.4	SE
20260328	21:45	0.9	SE
20260328	22:00	1.3	SE
20260328	22:15	0.9	SE
20260328	22:30	0.9	SE
20260328	22:45	0.4	SSE
20260328	23:00	1.3	SE
20260328	23:15	1.3	SE
20260328	23:30	1.3	SE
20260328	23:45	0.9	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260329	00:00	1.3	SE
20260329	00:15	0.9	SE
20260329	00:30	0.4	SE
20260329	00:45	0.9	SE
20260329	01:00	0.4	SE
20260329	01:15	0.9	SE
20260329	01:30	0.4	SE
20260329	01:45	0.4	SE
20260329	02:00	0.4	SE
20260329	02:15	0.4	NE
20260329	02:30	0.0	E
20260329	02:45	0.0	E
20260329	03:00	0.0	E
20260329	03:15	0.9	SE
20260329	03:30	0.0	SE
20260329	03:45	0.0	---
20260329	04:00	0.4	SE
20260329	04:15	0.4	SE
20260329	04:30	0.9	SE
20260329	04:45	0.4	SSE
20260329	05:00	0.4	SE
20260329	05:15	0.9	SE
20260329	05:30	0.0	S
20260329	05:45	0.4	SSW
20260329	06:00	0.0	ESE
20260329	06:15	0.0	---
20260329	06:30	0.0	---
20260329	06:45	0.0	ESE
20260329	07:00	0.4	SE
20260329	07:15	0.4	SE
20260329	07:30	0.9	SSE
20260329	07:45	0.4	SSE
20260329	08:00	0.9	SE
20260329	08:15	1.3	SSE
20260329	08:30	1.8	SE
20260329	08:45	0.9	SSE
20260329	09:00	1.8	SE
20260329	09:15	1.8	SE
20260329	09:30	2.7	SE
20260329	09:45	1.3	SE
20260329	10:00	1.3	SE
20260329	10:15	1.3	SSE
20260329	10:30	2.2	SE
20260329	10:45	2.2	SE
20260329	11:00	2.2	SE
20260329	11:15	1.3	SE
20260329	11:30	2.2	SE
20260329	11:45	2.2	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260329	12:00	2.2	SE
20260329	12:15	1.3	SE
20260329	12:30	2.2	SE
20260329	12:45	2.7	SE
20260329	13:00	1.8	SE
20260329	13:15	1.8	SE
20260329	13:30	2.2	SE
20260329	13:45	2.2	SE
20260329	14:00	1.3	SSE
20260329	14:15	2.2	SE
20260329	14:30	1.8	SE
20260329	14:45	1.8	SE
20260329	15:00	2.2	SE
20260329	15:15	1.8	SE
20260329	15:30	1.3	SE
20260329	15:45	1.3	SSE
20260329	16:00	1.3	S
20260329	16:15	1.3	SSE
20260329	16:30	1.3	SE
20260329	16:45	0.4	SSE
20260329	17:00	0.4	S
20260329	17:15	0.4	SE
20260329	17:30	0.0	SW
20260329	17:45	0.4	SSE
20260329	18:00	1.3	SE
20260329	18:15	1.8	SE
20260329	18:30	2.2	SE
20260329	18:45	1.8	SE
20260329	19:00	0	NE
20260329	19:15	0	NE
20260329	19:30	0	---
20260329	19:45	0	NE
20260329	20:00	0.4	SE
20260329	20:15	0.9	SE
20260329	20:30	0.9	SE
20260329	20:45	0	SE
20260329	21:00	0.4	SE
20260329	21:15	0	---
20260329	21:30	0	---
20260329	21:45	0.4	SE
20260329	22:00	0.9	ESE
20260329	22:15	0.9	ESE
20260329	22:30	0.9	SE
20260329	22:45	1.8	SE
20260329	23:00	1.3	SE
20260329	23:15	1.3	ESE
20260329	23:30	1.8	SE
20260329	23:45	1.8	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260330	00:00	1.8	SE
20260330	00:15	1.3	SE
20260330	00:30	1.3	SE
20260330	00:45	1.3	SE
20260330	01:00	1.3	SE
20260330	01:15	1.8	SE
20260330	01:30	2.2	SE
20260330	01:45	2.2	SE
20260330	02:00	1.8	SE
20260330	02:15	1.8	SE
20260330	02:30	1.3	SE
20260330	02:45	1.3	SE
20260330	03:00	1.8	SE
20260330	03:15	1.3	SE
20260330	03:30	0.9	SE
20260330	03:45	1.3	SE
20260330	04:00	0.9	SE
20260330	04:15	1.3	SE
20260330	04:30	1.3	SE
20260330	04:45	0.9	SE
20260330	05:00	1.3	SSE
20260330	05:15	1.8	SE
20260330	05:30	2.2	SE
20260330	05:45	1.3	SE
20260330	06:00	1.8	SE
20260330	06:15	1.8	SE
20260330	06:30	1.3	SE
20260330	06:45	1.3	SE
20260330	07:00	1.3	SE
20260330	07:15	1.8	SE
20260330	07:30	0.9	SE
20260330	07:45	0.4	ESE
20260330	08:00	0.4	SE
20260330	08:15	0.4	SE
20260330	08:30	0.9	SSE
20260330	08:45	1.3	SE
20260330	09:00	1.8	SE
20260330	09:15	1.3	WSW
20260330	09:30	1.3	WSW
20260330	09:45	1.8	WSW
20260330	10:00	1.8	WSW
20260330	10:15	3.6	N
20260330	10:30	0.9	N
20260330	10:45	0.4	S
20260330	11:00	0.4	WSW
20260330	11:15	0.9	SE
20260330	11:30	0.9	SE
20260330	11:45	1.3	SE

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260330	12:00	0.9	SE
20260330	12:15	0.9	WSW
20260330	12:30	0.9	WSW
20260330	12:45	0.9	SE
20260330	13:00	0.9	SE
20260330	13:15	1.3	NNW
20260330	13:30	2.7	N
20260330	13:45	4.0	N
20260330	14:00	2.7	N
20260330	14:15	0.4	N
20260330	14:30	0.9	SE
20260330	14:45	0.4	ESE
20260330	15:00	0.9	SE
20260330	15:15	1.3	SE
20260330	15:30	2.2	SE
20260330	15:45	2.7	SE
20260330	16:00	2.7	SE
20260330	16:15	2.2	SE
20260330	16:30	1.3	SE
20260330	16:45	1.3	SE
20260330	17:00	0.4	SSE
20260330	17:15	0.9	SSE
20260330	17:30	0.9	SE
20260330	17:45	0.9	SE
20260330	18:00	0.9	SE
20260330	18:15	0.9	SE
20260330	18:30	0.9	SE
20260330	18:45	0.9	SE
20260330	19:00	0	SE
20260330	19:15	0	SE
20260330	19:30	0	---
20260330	19:45	0	---
20260330	20:00	0	---
20260330	20:15	0	---
20260330	20:30	0	---
20260330	20:45	0	---
20260330	21:00	0	---
20260330	21:15	0	E
20260330	21:30	0	---
20260330	21:45	0	---
20260330	22:00	0	---
20260330	22:15	0	---
20260330	22:30	0.4	E
20260330	22:45	0	---
20260330	23:00	0	---
20260330	23:15	0	---
20260330	23:30	0	---
20260330	23:45	0	---

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260331	00:00	0.0	---
20260331	00:15	0.0	---
20260331	00:30	0.0	---
20260331	00:45	0.0	---
20260331	01:00	0.0	---
20260331	01:15	0.0	---
20260331	01:30	0.0	---
20260331	01:45	0.0	---
20260331	02:00	0.0	---
20260331	02:15	0.0	---
20260331	02:30	0.0	---
20260331	02:45	0.0	NNE
20260331	03:00	0.0	---
20260331	03:15	0.0	---
20260331	03:30	0.0	---
20260331	03:45	0.0	---
20260331	04:00	0.0	---
20260331	04:15	0.0	---
20260331	04:30	0.0	---
20260331	04:45	0.0	---
20260331	05:00	0.0	---
20260331	05:15	0.0	---
20260331	05:30	0.0	---
20260331	05:45	0.0	---
20260331	06:00	0.0	---
20260331	06:15	0.0	---
20260331	06:30	0.0	---
20260331	06:45	0.0	N
20260331	07:00	0.4	SE
20260331	07:15	1.3	SE
20260331	07:30	1.8	SE
20260331	07:45	1.3	SE
20260331	08:00	1.3	SE
20260331	08:15	0.9	SE
20260331	08:30	1.3	SE
20260331	08:45	1.8	SE
20260331	09:00	1.8	SE
20260331	09:15	1.3	SE
20260331	09:30	1.3	SSE
20260331	09:45	1.8	SE
20260331	10:00	2.2	SE
20260331	10:15	2.2	SE
20260331	10:30	3.1	SE
20260331	10:45	2.2	SE
20260331	11:00	2.2	WSW
20260331	11:15	2.2	WSW
20260331	11:30	1.3	WSW
20260331	11:45	2.2	WSW

Date (YYYYMMDD)	Time (HH:MM)	Wind Speed (m/s)	Wind Direction
20260331	12:00	2.2	WSW
20260331	12:15	1.8	SE
20260331	12:30	1.8	SSE
20260331	12:45	2.2	SE
20260331	13:00	1.8	SSE
20260331	13:15	2.2	SE
20260331	13:30	2.2	SE
20260331	13:45	2.2	SE
20260331	14:00	2.2	SE
20260331	14:15	1.8	SSE
20260331	14:30	1.8	SE
20260331	14:45	2.2	SE
20260331	15:00	1.3	SE
20260331	15:15	2.7	SE
20260331	15:30	1.8	SE
20260331	15:45	1.8	SSE
20260331	16:00	2.7	WSW
20260331	16:15	2.7	WSW
20260331	16:30	2.7	WSW
20260331	16:45	2.7	WSW
20260331	17:00	1.8	WSW
20260331	17:15	0.9	WSW
20260331	17:30	1.3	SE
20260331	17:45	1.3	SSE
20260331	18:00	0.9	SSE
20260331	18:15	0.9	SE
20260331	18:30	0.4	SE
20260331	18:45	0	SSE
20260331	19:00	0	SSE
20260331	19:15	0	SSE
20260331	19:30	0.4	SE
20260331	19:45	0.4	SE
20260331	20:00	0	SE
20260331	20:15	0	SE
20260331	20:30	0	SE
20260331	20:45	0	SE
20260331	21:00	0	SE
20260331	21:15	0	---
20260331	21:30	0	---
20260331	21:45	0	---
20260331	22:00	0	---
20260331	22:15	0	---
20260331	22:30	0	---
20260331	22:45	0	---
20260331	23:00	0	---
20260331	23:15	0	---
20260331	23:30	0	---
20260331	23:45	0.4	N

Appendix J Waste Flow Table

Waste Flow Table

Month	Total Quantity Generated	Total Quantities of Inert C&D Materials to be Generated from the Contract					Total Quantities of Recyclables Generation				Total Quantities of C&D Materials to be Generated from the Contract		
		Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in Other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics	Yard Waste (to Y-Park)	Chemical Waste	General Refuse	Others, e.g. non-recyclable yard waste
	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in tonne)	(in '000L)	(in tonne)	(in tonne)
Jan-26	131,620.16	0.00	79880.27	49,767.14	0.00	1771.96	0.00	0.00	0.00	0.00	0.00	200.79	0.00
Feb-26	54,558.20	0.00	34718.87	19,583.00	0.00	0	0.00	0.00	0.00	0.00	0.00	250.87	5.46
Mar-26	87,390.98	0.00	82068.57	5,120.84	0.00	0	0.00	0.00	0.00	0.00	0.00	201.57	0.00
Total	273,569.34	0.00	196,667.71	74,470.98	0.00	1,771.96	0.00	0.00	0.00	0.00	0.00	653.23	5.46

Note:

1. The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
2. Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

Appendix K Joint Environmental Site Inspection Records

Follow up action for previous Site Inspection:

1. 15 December 2025 Observation 1 – Accumulated waste on the floor & waste skip at Portion A was removed by the Contractor.
2. 26 January 2026 Observation 1 – Watering at access road of Portion A was conducted by the Contractor.
3. 26 January 2026 Observation 2 – Accumulated waste at Portion A was removed by the Contractor.
4. 2 February 2026 Observation 1 – Accumulated waste at Portion A was removed and waste skip was provided by the Contractor.
5. 2 February 2026 Observation 2 – General refuse which locate on the floor of Portion E4 was removed and enclosed rubbish bin was provided by the Contractor.

Observation(s):

1. General refuse was found on the floor of Portion E4 & E3-1.
2. C&D Materials was found on the floor of Portion A.
3. Generator without NRMM Label was found at Portion A.
4. Standing water was found at Portion A.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The Contractor was recommended to remove the general refuse and provide the enclosed rubbish bins for general refuse collection.
2. The Contractor was advised to remove the C&D Materials and provide the waste skip for C&D Materials collection.
3. The Contractor was suggested to place the NRMM Label on the generator.
4. The Contractor was advised to direct the standing water into silt removal facilities for treatment.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/~~Kristy Wong~~	Kenneth Lam
Date:	21 March 2026	/	21 March 2026	21 March 2026

Follow up action for previous Site Inspection:

1. 29 December 2025 Observation 2 – Site condition changed and item closed.
2. 5 January 2026 Observation 1 – Site condition changed and item closed.
3. 13 February 2026 Observation 1 – Watering at access roads of Portion A & SBA was conducted by the Contractor.
4. 23 February 2026 Observation 1 – General refuse was removed by the Contractor.

Observation(s):

1. Water leak was found at the connection of water hose of Portion A.
2. Chemicals without drip tray were found at Portion A.
3. Accumulated waste was found at Portion B2, C & E3.
4. Access road at Portion E3 was dry and dust dispersion was found.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The Contractor was recommended to repair the connection of water hose of Portion A.
2. The Contractor was advised to provide drip tray under the chemical containers.
3. The Contractor was suggested to remove accumulated waste at Portion B2, C & E3 and provide the waste skips for waste collection.
4. The Contractor was advised to increase the frequency of watering at unpaved access road.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/~~Kristy~~ Wong	Kenneth Lam
Date:	8 March 2026	/	8 March 2026	8 March 2026

Follow up action for previous Site Inspection:

Observation(s):

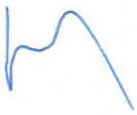
1. Accumulated waste was found on the floor of Portion E4 and U-channel of Portion D.
2. Access roads at Portion D and E4 were dry and dust dispersion was found.
3. Overloading of waste skips was found at Portion D & A.
4. Chemical containers without drip tray were found at Portion D.
5. Cement bags without covered by impervious sheet was found at Portion A.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The Contractor was recommended to remove the accumulated waste on the floor and provide proper training for workers.
2. The Contractor was advised to provide enough water spraying at access roads.
3. The Contractor was suggested to increase the frequency of waste collection and consider to increase the capacity of waste skip.
4. The Contractor was advised to place the drip tray under the chemical containers.
5. The Contractor was recommended that cement bags should be covered by impervious sheet.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:				
Name:	Jason Man	Echo Hung	Matt Choy/~~Kristy Wong~~	Kenneth Lam
Date:	16 March 2026	16 March 2026	16 March 2026	16 March 2026

Follow up action for previous Site Inspection:

Observation(s):

1. Dusty materials at 70 mPD Platform should be covered with impervious sheet.
2. General refuse was found on the floor of Portion A.
3. Access roads and works area at Shek Tsai Ha Road, Portion E3 and SBA was dry and dust dispersion was found.

Reminder(s):

1. The Contractor was reminded to increase the frequency of watering at the access roads, unpaved roads and works area.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The Contractor was recommended to cover the dusty materials to avoid dust dispersion.
2. The Contractor was advised that general refuse should be collected by enclosed rubbish bins.
3. The Contractor was suggested to provide water spraying at access roads and works area.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/~~Kristy~~ Wong	Kenneth Lam
Date:	23 March 2026	/	23 March 2026	23 March 2026

Follow up action for previous Site Inspection:

Nil

Observation(s):

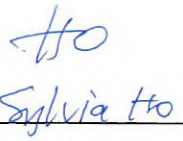
1. Food waste and standing water were found at the waste skip of Portion D.

Reminder(s):

1. Drip tray or impervious sheet should be placed under the work area when the work involves chemicals.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The Contractor was advised that food waste should be collected by enclosed rubbish bin and the cover should be increased for waste skip to avoid accumulating standing water.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/Kristy Wong	~~Kenneth Lam~~
Date:	30 March 2026	/	30 March 2026	30 March 2026

Appendix L Environmental Mitigation Implementation Schedule (EMIS)

EIA Ref.	EM&A Log Ref.	Weekly Site Inspection Item	Recommended Precautionary/Mitigation Measures (to be implemented when the trigger level is exceeded, where necessary)	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	What requirement or standards for the measures to achieve?	Status
Air Quality								
S3.8.1	S3.1.8	B7 – B36	The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation.	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	Entire NENT Landfill Extension site	To control the dust impact to within the criteria of EIA Report (Register No. AEIAR-111/2007)	✓
		B4, B15 & B18	• Dust emission from construction vehicle movement is confined within the worksites area.					✓
		B11 – B12	• Watering facilities will be provided at every designated vehicular exit point.					Vehicle washing facilities provided at vehicular exit point in Portion A, B1-2, D, E3-1 & E4
		-	• Good site practice is recommended during construction phase.					✓
Construction Noise								
S4	S4.9	C1	1) Use of good site practices to limit noise emissions by considering the following: (a) Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme;	Control construction airborne noise by means of good site practices	Contractor	Entire construction site	Noise Control Ordinance	✓
		C2	(b) Machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum;					✓
		C3	(c) Plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs;					✓
		C4	(d) Silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works;					N/A
		C5	(e) Mobile plant should be sited as far away from NSRs as possible and practicable;					✓
		C6	(f) Material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.					✓
S4	S4.9	C11 – C13	2) Select “Quiet plants” which comply with the BS 5228 Part 1 or TM standards.	Reduce the noise levels of plant items	Contractor	Entire construction site	Noise Control Ordinance & its TM Annex 5, TM-EIA	✓
Construction Runoff								
S5.8.1	S5.2.1	D1	<u>Construction on Site Runoff</u> • (a) At the start of site establishment, perimeter cut-off drains to direct off-site water around the site should be constructed with internal drainage works and erosion and sedimentation control facilities implemented. (b) Channels (both temporary and permanent drainage pipes and culverts), earth bunds or sand bag barriers should be provided on site to direct stormwater to silt removal facilities.	Control construction runoff and erosion from site surface, drainage channel, stockpiles, wheel washing facilities, etc to minimize water quality during construction stage	Contractor	Entire Construction site	ProPECC PN 1/94 Water Pollution Control Ordinance	(a) ✓ (b) ✓
		D2	(a) The dikes or embankments for flood protection should be implemented around the boundaries of earthwork areas. (b) Temporary ditches should be provided to facilitate the runoff discharge into an appropriate watercourse, through a silt/sediment trap. (c) The sediment/silt traps should be incorporated in the permanent drainage channels to enhance deposition rates.					(a) ✓ (b) ✓ (c) ✓
		D3	The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94, which states that the retention time for silts and sediment traps should be 5 minutes under maximum flow conditions.					✓
		D4	(a) Construction works should be programmed to minimize surface excavation works during the rainy seasons (April to September). (b) All exposed earth areas should be completed and vegetated as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. (c) If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means.					(a) ✓ (b) ✓ (c) ✓

Remarks:

✓	Compliance of mitigation measure
*	Recommendation was made during site audit but improved/rectified by the contractor
#	Recommendation was made during site audit but not yet improved/rectified by the contractor.
N/A	Not Applicable at this stage were conducted in the reporting period.
@ (Which measure)	Alternative measure was made by the contractor.

EIA Ref.	EM&A Log Ref	Weekly Site Inspection Item	Recommended Precautionary/Mitigation Measures (to be implemented when the trigger level is exceeded, where necessary)	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	What requirement or standards for the measures to achieve?	Status
Construction Runoff (Cont'd)								
S5.8.1	S5.2.1	D5	• (a) The overall slope of the site should be kept to a minimum to reduce the erosive potential of surface water flows, and (b) all traffic areas and access roads protected by coarse stone ballast. An additional advantage accruing from the use of crushed stone is the positive traction gained during prolonged periods of inclement weather and the reduction of surface sheet flows.	Control construction runoff and erosion from site surface, drainage channel, stockpiles, wheel washing facilities, etc to minimize water quality during construction stage	Contractor	Entire Construction site	ProPECC PN 1/94 DSD Technical Circular TC01/2017 Water Pollution Control Ordinance	(a) ✓ (b) ✓
		D6	• (a) All drainage facilities and erosion and sediment control structures should be regularly inspected and (b) maintained to ensure proper and efficient operation at all times and particularly following rainstorms. (c) Deposited silt and grit should be removed regularly and disposed of by spreading evenly over stable, vegetated areas.					(a) ✓, All drainage facilities and erosion and sediment control structure had been inspected by Contractor regularly and especially after rainstorm. (b) ✓, All drainage facilities and erosion and sediment control structure had been maintained by Contractor regularly and especially after rainstorm. (c) ✓, Deposited silt and grit had been removed regularly and especially after rainstorm.
		D7	• (a) Measures should be taken to minimise the ingress of site drainage into excavations. If the excavation of trenches in wet periods is necessary, they should be dug and backfilled in short sections wherever practicable. (b) Water pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.					(a) ✓ (b) ✓
		D8	• Open stockpiles of construction materials (for example, aggregates, sand and fill material) of more than 50 m^3 should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.					✓
		D9	• (a) Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as (b) to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers.					(a) ✓ (b) ✓
		D10	• Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecasted, and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silly surface runoff during storm events, especially for areas located near steep slopes.					✓
		D11	• (a) All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. (b) An adequately designed and sited wheel washing bay should be provided at every construction site exit. (c) Wash-water should have sand and silt settled out and removed at least on a weekly basis (d) to ensure the continued efficiency of the process. (e) The section of access road leading to, and exiting from, the wheel-wash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silly water to public roads and drains.					(a) ✓ (b) ✓ (c) ✓ (d) ✓ (e) ✓
		D12	• (a) Oil interceptors should be provided in the site drainage system downstream of any oil/fuel pollution sources. (b) The oil interceptors should be emptied and cleaned regularly to prevent the release of oil and grease into the storm water drainage system after accidental spillage. (c) A bypass should be provided for the oil interceptors to prevent flushing during heavy rain.					(a) N/A (b) N/A (c) N/A
		D13	• Construction solid waste, debris and rubbish on site should be collected, handled and disposed of properly to avoid water quality impacts. Requirements for solid waste management are detailed in Section 6 of this Report.					✓
		D14	• All fuel tanks and storage areas should be provided with docks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank to prevent spilled fuel oils from reaching water sensitive receivers nearby.					✓
		D15	• To prevent pollution risks arising from works area (waste reception area) and haul roads, intercepting bund or barrier along the roadside should be constructed.					✓

Remarks:

✓	Compliance of mitigation measure
*	Recommendation was made during site audit but improved/rectified by the contractor
#	Recommendation was made during site audit but not yet improved/rectified by the contractor.
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EIA Ref.	EM&A Log Ref	Weekly Site Inspection Item	Recommended Precautionary/Mitigation Measures (to be implemented when the trigger level is exceeded, where necessary)	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	What requirement or standards for the measures to achieve?	Status
Construction Runoff (Cont'd)								
S5.8.1	S5.2.1	D19	Sewage Effluent from Workforce (a) Portable chemical toilets and sewage holding tanks are recommended for handling the construction sewage generated by the workforce. (b) A licensed contractor should be employed to provide appropriate and adequate portable toilets and be responsible for appropriate disposal and maintenance.	Control sewage effluent arising from the sanitary facilities provided for the on-site construction workforce	Contractor	On-site sanitary facilities	ProPECC PN 1/94 DSD Technical Circular TC01/2017 Water Pollution Control Ordinance Waste Disposal Ordinance	(a) ✓ (b) ✓
		D20	Notices will be posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment during the construction phase of the Project.					N/A
		-	Regular environmental audit on the construction site can provide an effective control of any malpractices and can achieve continual improvement of environmental performance on site.					✓
S5.8.1	S5.2.1	D21	Accidental Spillage of Chemical • (a) Any service workshop and maintenance facilities shall be located within a bunded area, and sumps and oil interceptors shall be provided. (b) Maintenance of equipment involving activities with potential for leakage and spillage will only be undertaken within the areas.	Control of chemical leakage	Contractor	Service workshop and maintenance facilities	ProPECC PN 1/94 Water Pollution Control Ordinance Waste Disposal Ordinance	(a) N/A (b) N/A
Erosion Control Measures								
S5.8.2	S5.2.2	-	Erosion Control /Measures a. Preserve Natural Vegetation This Best Management Practices will involve preserving natural vegetation to the greatest extent possible during the construction process. and after construction where appropriate. Maintaining natural vegetation is the most effective and inexpensive form of erosion prevention control.	Erosion control	Contractor	Drainage system	ProPECC PN 1/94 Water Pollution Control Ordinance	✓
		-	b. Provision of Buffer Zone A buffer zone consists of an undisturbed area or strip of natural vegetation or an established suitable planting adjacent to a disturbed area that reduces erosion and runoff. The rooted vegetation holds soils acts as a wind break and filters runoff that may leave the site.					✓
		-	c. Seeding (Temporary/Permanent) A well-established vegetative cover is one of the most effective methods of reducing erosion. Vegetation should be established on construction sites as the slopes are finished, rather than waiting until all the grading is complete. Besides, Hydroseeding will be applied on the surface of stockpiled soil and on temporary soil covers for inactive tipping areas to prevent soil erosion during rainy season.					✓
		-	d. Ground Cover Ground Cover is a protective layer of straw or other suitable material applied to the soil surface. Straw mulch and/or hydromulch are also used in conjunction with seeding of critical areas for the establishment of temporary or permanent vegetation. Ground cover provides immediate temporary protection from erosion. Mulch also enhances plant establishment by conserving moisture, holding fertilizer, seed, and topsoil in place, and moderating soil temperatures.					To be implemented
		-	e. Hydraulic Application Hydraulic application is a mechanical method of applying erosion control materials to bare soil in order to establish erosion-resistant vegetation on disturbed areas and critical slopes. By using hydraulic equipment, soil amendments, mulch, tackifying agents, Bonded Fiber Matrix (BFM) and liquid co-polymers can be uniformly broadcast, as homogenous slurry, onto the soil. These erosion and dust control materials can often be applied in one operation.					To be implemented
			f. Sod Establishes permanent turf for immediate erosion protection and stabilizes drainageways.					✓
			g. Matting There are numerous erosion control products available that can be described in various ways, such as matting, blankets, fabric and nets. These products are referred as matting. A wide range of materials and combination of materials are used to produce matting including, but not limited to: straw, jute, wood fiber, coir (coconut fiber), plastic netting, and Bonded Fiber Matrix. The selection of matting materials for a site can make a significant difference in the effectiveness of the Best Management Practices.					✓

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Erosion Control Measures (Cont'd)								
S5.8.2	S5.2.2		h. Plastic Sheeting Plastic Sheeting will provide immediate protection to slopes and stockpiles. However, it has been known to transfer erosion problems because water will sheet flow off the plastic at high velocity. This is usually attributable to poor application, installation and maintenance.	Erosion control	Contractor	Drainage system	ProPECC PN 1/94 Water Pollution Control Ordinance	✓
		-	i. Dust Control Dust Control is one preventative measure to minimize the wind transport of soil, prevent traffic hazards and reduce sediment transported by wind and deposited in water resources.					✓, Mist Cannons, Water Trucks, Water Sprinklers had been applied for dust control at access roads and exposed area of the project site.
Surface Water Drainage System								
S5.8.2	S5.2.2	D22	• (a) Temporary surface water drainage system will be provided to manage runoff during construction and operation. (b) This system will consist of channels as constructed around the perimeter of the site area. (c) This system will collect surface water from the areas of higher elevations to those of lower elevations and ultimately to the point of discharge. (d) Erosion will therefore be minimised.	Surface Water Management/ Control run off	Contractor	Surface water system Construction	Water Pollution Control Ordinance TM-water	(a) ✓ (b) ✓ (c) ✓ (d) ✓
		D23	• (a) The temporary surface water drainage system will include the use of a silt fence around the soil stockpile areas to prevent sediment from entering the system. (b) Regular cleaning will be carried out to prevent blockage of the passage of water flow in silt fence.					(a) ✓ (b) ✓, Regular cleaning at silt fence had been conducted by the contractor, especially, after rainstorm.
		-	• Intermediate drainage system will be installed for filled cell/phase. The major purpose of the intermediate drainage system is to prevent the clean surface water run-off from the filled phases coming into contact with the waste mass in active cell and to prevent excessive surface water infiltration through the intermediate cover, thus contribute to increasing volume of leachate. The intermediate drainage system will collect the clean surface water run-off and divert it to the permanent discharge channels connected to the public drainage system.					N/A
		-	• In addition, surface flow from the haul road (especially near the wheel washing facility) will be collected to a dry weather flow interceptor and conveyed to the on-site leachate treatment plant for further treatment.					N/A
Waste Management								
S6	WM1	-	<u>C&D Materials</u> • Implement proper waste management measures during construction phase as stipulated in the Environmental Management Plan (EMP) in accordance with the ETWB TC(W) No. 19/2005 Environmental Management in Construction Sites.	Good site practice to minimise C&D waste generation and reuse/recycle all C&D on-site as far as possible	Contractor	Entire construction site	Waste Disposal Ordinance ETWB TC(W) No. 19/2005 DEVB TC(W) No. 6/2010	✓
		-	• Implement a trip-ticket system to ensure that the movement of C&D materials are properly documented and verified in accordance with DEVB TC(W) No. 6/2010. Copies/counterfoils from trip-tickets (with quantities of C&D Materials off-site) should be kept for record purposes.					✓
		-	• Appropriate waste management should be implemented in accordance with the ETWB TC(W) No. 19/2005.					✓
		E4	• (a) Make provisions in Contract documents to allow and promote the use of recycled aggregates where appropriate. Ensure material balance in terms of excavated C&D materials in the design of NENT landfill extension project. (b) The contract specifications should specify no excavated materials should be removed from the landfill extension site, but should be fully reused.					(a) ✓ (b) ✓
		E5	• Careful design, planning and good site management to minimise over-ordering and waste materials such as concrete, mortars and cement grouts. (a)(b) The design of formwork should maximise the use of standard wooden panels so that high reuse levels can be achieved. (c) Alternatives such as steel formwork or plastic fencing should be considered to increase the potential for reuse.					(a) ✓ (b) ✓ (c) ✓
		E6	• (a) The Contractor should recycle as much as possible the C&D waste on-site through proper waste segregation on-site. (b) Concrete and masonry should be used as general fill and steel reinforcement bars can be used by scrap steel mills. (c) Proper areas should be designated for waste segregation and storage wherever site conditions permit. (d) Maximise the use of reusable steel formwork to reduce the amount of C&D material.					(a) ✓ (b) ✓ (c) ✓ (d) ✓

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Waste Management (Cont'd)								
S6	WM1	E7	• (a) Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement. On-site sorting and segregation facility of all type of wastes is considered as one of the best practice in waste management and hence, should be implemented in all projects generating construction waste. (b) The sorted public fill and C&D waste should be properly reused.	Good site practice to minimise C&D waste generation and reuse/recycle all C&D on-site as far as possible	Contractor	Entire construction site	Waste Disposal Ordinance ETWB TC(W) No. 19/2005 DEVB TC(W) No. 6/2010	(a) ✓ (b) ✓
		E8	• (a) Excavated slope, stockpiled material and bund walls should be covered by tarpaulin until used in order to prevent wind-blown dust during dry weather, and to reduce muddy runoff during wet weather. (b)(c) Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers					(a) ✓ (b) ✓ (c) ✓
		E9	• If any topsoil-like materials need to be stockpiled for any length of time, consideration should be given to hydroseeding of the topsoil on the stockpile to improve its visual appearance and prevent soil erosion.					✓
		E10	• Nomination of approved personnel to be responsible for good site practices and making arrangements for collection of all wastes generated on-site and effective disposal.					✓
		E11	• Training of site personnel for cleanliness, proper waste management procedures including chemical waste handling, and waste reduction, reuse and recycling concepts.					✓
		E12	• Regular cleaning and maintenance programme systems, sumps and oil interceptors.					✓
		E13	• (a) Prior to disposal of C&D waste, wood, steel and other metals should be separated for re-use and/or recycling to minimise the quantity of waste to be disposed of to landfill. (b)(c) Proper storage and site practices should be implemented to minimise the potential for damage or contamination of construction materials.					(a) ✓ (b) ✓ (c) N/A
			• Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste. Minimise excessive ordering of concrete, mortars and cement grout by doing careful check before ordering.					✓
S6	WM2	E16 – E23	<u>Chemical Waste</u> • Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.	Ensure proper disposal of chemical waste generated on-site to minimise the associated hazards on human health and environment	Contractor	Entire construction site	Waste Disposal (Chemical Waste) General Regulation Code of Practice on the Packaging, Labelling and Storage of Chemical Waste	✓
		-	• Plant/equipment maintenance schedule should be designed to optimise maintenance effectiveness and to minimise the generation of chemical wastes. Where possible, chemical wastes (e.g. waste lube oil) should be recycled by licensed treatment facilities					✓
		E17 & E18	• Containers used for storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD. Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulation.					✓
		E19	• (a) The storage area for chemical wastes should be clearly labelled and used solely for storage of chemical waste, (b) enclosed with at least 3 sides, having an impermeable floor and bund of sufficient capacity to accommodate 110% of volume of the largest container or 20 % of total volume of waste stored in that area, (c)(d) whichever is the greatest, having adequate ventilation, being covered to prevent rainfall entering, and being arranged so that incompatible materials are adequately separated.					(a) ✓ (b) N/A (c) N/A (d) N/A
		E20	• Chemical waste should be collected by licensed waste collectors and disposed of at licensed facility, e.g. Chemical Waste Treatment Centre.					✓

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Waste Management (Cont'd)								
S6	WM3	E1	<u>General Refuse</u> • General refuse generated on-site should be properly stored in enclosed bins or compaction units separately from construction and chemical wastes.	Minimise generation of general refuse to avoid odour, pest and visual nuisance	Contractor	Entire construction site	Waste Disposal Ordinance	✓
		E2	• (a) All recyclable materials (separated from the general waste) should be stored on-site in appropriate containers with cover prior to collection by a local recycler for subsequent reuse and recycling. Residual, non-recyclable, general waste should be stored in appropriate containers to avoid odour. (b)(c)(d) Regular collection should be arranged by an approved waste collector in purpose-built vehicles that minimise environmental impacts during transportation					(a) ✓ (b) ✓ (c) ✓ (d) ✓
		-	• Reputable waste collector should 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. Burning of refuse on construction sites is prohibited by law.					✓
		-	• Aluminium cans should be separated from general waste stream and collected by recyclers. Proper collection bins should be provided on- site to facilitate the waste sorting.					✓
		-	• Office waste paper should recycled if the volume warrant collection by recyclers. Participation in community waste paper recycling programme should be considered by the Contractor, including waste paper, aluminium cans, plastic bottles, waste batteries, etc.					✓
LFG								
Within NENT Landfill Extension								
S7	LFG1	F1	Special LFG precautions should be taken due to close proximity of NENT landfill extension site to existing landfill to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity).	To minimise the risk of LFG hazards to personnel in construction site	Contractor	Entire construction site	Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97)	N/A
	LFG2	F2	Prominent safety warning signs should be erected on-site to alert all personnel and visitors of LFG hazards during excavation works.					✓
	LFG3	F3	No smoking or burning should be permitted on-site.				F&IU (Confined Spaces) Regulations	✓
	LFG4	F4	Prominent 'No smoking' and 'No Naked Flames' signs should be erected on-site.					✓
	LFG5	F5	No worker should be allowed to work alone at any time in excavated trenches or confined areas on-site.				Code of Practice on Safety and Health at Work in Confined Spaces	✓
	LFG6	F6	Adequate fire fighting equipment should be provided on-site.					✓
	LFG7	F7	Construction equipment should be equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors.					✓
	LFG8	F8	Electrical motors and extension cords should be explosion-proof and intrinsically safe for use on-site.					✓
	LFG9	F9	'Permit to Work' system should be implemented.					✓
	LFG10	F10	Welding, flame-cutting or other hot works should be conducted only under 'Permit to Work' system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works.					✓
	LFG11	F11	(a) For piping assembly or conduit construction, all valves and seals should be closed immediately after installation to avoid accumulation and migration of LFG. (b) If installation of large diameter pipes (diameter >600mm) is required, the pipe ends should be sealed on one side during installation. (c) Forced ventilation is required prior to operation of installed pipeline. (d) Forced ventilation should also be required for works inside trenches deeper than 1m.					(a) N/A (b) N/A (c) N/A (d) N/A
	LFG12	F12	Frequency and location of LFG monitoring within excavation area should be determined prior to commencement of works. LFG monitoring in excavations should be conducted at no more than 10mm from exposed ground surface.					✓
	LFG13	F13	For excavation works, LFG monitoring should be conducted (1) at ground surface prior to excavation, (2) immediately before workers entering excavations, (3) at the beginning of each half-day work, and (4) periodically throughout the working day when workers are in the excavation.					✓
	LFG14	F14	Any cracks on ground level encountered on-site should be monitored for LFG periodically. Appropriate action should be taken in accordance with the action plan in Table 7.6 of EIA Report.					✓
	LFG15	F15	(a) LFG precautionary measures involved in excavation and piping works should be provided in accordance with LFG Guidance Note and included in Safety Plan of construction phase. (b) Temporary offices or buildings should be located where free LFG has been proven or raised clear of ground at a separation distance of at least 500mm.					(a) N/A (b) N/A

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LFG (Cont'd)								
Within NENT Landfill Extension								
S7	LFG16	F16	For large development such as NENT landfill extension, a Safety Officer trained in the use of gas detection equipment and LFG- related hazards should be present on-site throughout the groundwork phase. The Safety Officer should be provided with an intrinsically safe portable instrument appropriately calibrated and capable of measuring the following gases: •CH_4: 0-100% and LEL: 0-100%/v •CO_2: 0-100% •O_2: 0-21%	To minimise the risk of LFG hazards to personnel in construction site	Contractor	Entire construction site	Landfill Gas Hazard Assessment Guidance Note (EPD/TR8/97) F&IU (Confined Spaces) Regulations Code of Practice on Safety and Health at Work in Confined Spaces	✓
	LFG17	F17	(a) Periodically during groundwork construction, the works area should be monitored for CH_4 CO_2 and O_2 using appropriately calibrated portable gas detection equipment. The monitoring frequency and areas should be established prior to commencement of groundwork either by Safety Officer or appropriately qualified person. (b) Routine monitoring should be carried out in all excavations, manholes, created by temporary storage of building materials on-site. (c) All measurements in excavations should be made with monitoring tube located not more than 10mm from exposed ground surface.					(a) N/A (b) N/A (c) N/A
	LFG18	F18	For excavations deeper than 1m, measurements should be conducted: • At ground surface before excavation commences; • Immediately before any worker enters the excavation; • At the beginning of each working day for entire period the excavation remains open; and Periodically throughout the working day whilst workers are in excavation.					✓
	LFG19	F19	For excavations between 300mm and 1m, measurements should be conducted: • Directly after excavation has been completed; and Periodic all whilst excavation remains open.					✓
	LFG20	F20	For excavations less than 300mm, monitoring may be omitted at the discretion of Safety Officer or appropriately qualified person.					✓
Landscape and Visual Phases								
S8	LV1	G4	<u>Advanced screening tree planting</u> • Early planting using fast growing trees and tall shrubs at strategic locations within site to block major view corridors to the site from the VSRs, and to locally screen haul roads, excavation works and site preparation works. • Roadside planter and shrub planting design in front of Cheung Shan Temple.	To minimise the impact on existing vegetation retained by personnel in construction To provide initiation on permanent landscape and visual mitigation measures	Contractor	Entire construction site	DEVB TC(W) No. 4/2020 - Tree Preservation DEVB TC(W)) No. 6/2015 - Maintenance of Vegetation and Hard Landscape Features DEVB TC(W) No. 6/2011 - Maintenance of Man-made Slopes and Emergency Repair on Stability of Land	✓
S8	LV2	G5	<u>Boundary Green Belt planting</u> Considerable planting belts proposed around the site perimeter and the construction of temporary soil bunds will screen the landfill operations to a certain degree. Fast growing and fire resistant plant species will be used.					To be implemented during operation phase
S8	LV3	G6	<u>Temporary landscape treatment as green surface cover</u> For certain areas where landfilling operations would have to be suspended temporarily for periods of years, simple temporary landscape treatment such as hydroseeding should be considered. During construction and operational phases, grass hydroseeding or synthetic covering material of green colour should also be used as a temporary slope cover if applicable.					✓
S8	LV4	G7	<u>Existing tree preservation</u> Transplant existing trees and vegetation, which are identified as ecologically significant in Ecological Impact Assessment and as rare tree species recorded in the tree survey, under circumstances where technically feasible. For all affected trees, the principle of avoidance of tree felling and tree transplanting of tree before felling should apply whenever possible. A tree felling application should be submitted to DEVB-GLTMS and be approved before any trees are felled or transplanted.					✓

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Ecology								
General Protection Measures:								
S10	E1	-	Restriction of construction activities to the work areas that would be clearly demarcated.	To minimise environmental impacts and therefore potential ecological impacts within and near the construction site	Contractor	Entire construction site	Practice Note for Professional Persons (ProPECC), Construction Site Drainage (PN1/94) Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes, EPD (1992) ETWB TC(W)) No. 33/2002 Management of Construction and Demolition Material Including Rock DEVB TC(W) No. 6/2010 Trip Ticket System for Disposal of Construction and Demolition Materials ETWB TC(W)No.19/2005 Environmental Management on Construction Sites	✓
	E2	-	Reinstatement of the work areas immediately after completion of the works.					✓
	E3	-	Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme.					✓
	E4	-	Machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.					✓
	E5	-	Plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs.					✓
	E6	-	Silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works.					N/A
	E7	-	Mobile plant should be sited as far away from NSRs as possible and practicable.					✓
	E8	-	Material stockpiles, site office and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.					✓
	E9	-	Use of “quiet” plant and working methods.					✓
	E10	-	Construction phase mitigation measures in the Practice Note for Professional Persons on Construction Site Drainage.					✓
	E11	-	Design and set up of the temporary on-site drainage system will be undertaken by the contractor prior to the commencement of construction.					✓
	E12	-	Design and incorporation of silt/sediment traps in the permanent drainage channels to enhance deposition rates and regular removal of reposited silt and grit.					✓
	E13	-	Minimization of surface excavation works during the rainy seasons (April to September), and in particular,control of silty surface runoff during storm events, especially for areas located near steep slopes.					✓
	E14	-	Regular inspection and maintenance of all drainage facilities and erosion and sediment control structures to ensure proper and efficient operation at all times and particularly following rainstorms.					✓
	E15	-	Provision of oil interceptors in the drainage system downstream of any oil/fuel pollution sources					N/A

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Appendix M Mitigation Measures of Cultural Landscape Features

Completed Site Fencing

SITE BOUNDARY

Appendix N Cumulative Complaint / Enquiry Log, Summaries of Complaints and Enquiries

Environmental Complaints Log

Complaint Ref. No.	Date of Complaint Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
C001_20221220	21 Dec 2022	Veolia (Contractor)	ET	Air Quality (Construction Dust)	5, 12 & 19 Dec 2022	It was noted from Veolia's email to the ET on 20 December 2022 that Veolia received complaint lodged regarding presenting much dusty materials at roundabout at Wo Keng Shan Road & dusty flying problem at Kowloon-bound traffic at Lung Shan Tunnel. No dusty materials and wastes were transported out from the NENTX site during the complaint period. During the regular weekly site inspection on 5, 12 & 19 December 2022, it was observed that the wheel washing facilities with high-pressure water jets have been provided at all site exits of NENTX and cleaned all vehicles before allowing them to leave the construction site to ensure that no mud or debris would be brought to the public area. All site vehicles of NENTX are also required to go through the auto wheel washing facility, which is managed by the operator of the NENT landfill, before entering the public area. The road section between the washing facilities and the exit point was paved with concrete, or bituminous materials were implemented in all site entrances. No mud generated from vehicles under the NENTX project after exiting the site entrance was observed. In conclusion, there is no direct evidence showing that the complaint is likely related to the NENTX project.	5 Jan 2023
C002_20230614	14 Jun 2023	EPD-RNG	ET	Water Quality	16, 21 Jun, 24, 25 Jul & 2 Aug 2023	It was noted from EPD-RNG's email to the ET on 14 Jun 2023 that EPD received complaint lodged regarding the muddy water was observed at Lin MA Hang International Bridge. In summary of the investigation, the pollutant water appeared crimson colour with bubbles ay the LMH-OP01 (Monitoring Point from EPD). The colour and pattern of pollutant water is different from the runoff at surface WQM monitoring location WM1. Hence, the project is not the major source causing the pollutant water. To minimise the potential impact of the project, the enhancement of mitigation measures at north boundary were advised to implement by contractor. The related rectified actions had been conducted by the contractor.	29 Jun & 21 Aug 2023

Complaint Ref. No.	Date of Complaint Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
C003_20230615	15 Jun 2023	EPD-RNG	ET	Water Quality	16, 19, 21 Jun, 18 Jul 2023	It was noted from EPD-RNG's email to the ET on 15 June 2023 that EPD received information regarding the muddy water was observed at River Ganges (GR3) (Water Quality Monitoring Location from EPD). In summary of the investigation, the muddy water caused from multi-potential sources while the runoff from the box culvert under the Wo Keng Shan Road is the major source including runoff from Existing channel near Portion E3-1, discharge water from the silt removal facilities at Portion E3-1 of the project, runoff from branch near the entrance of Portion E3-1, runoff from weighting plaza of NENT Landfill & natural stream near Wo Keng Shan & Shui Ngau Tso etc.. Hence, the project is a part of factor causing the high turbidity muddy water. To minimise the potential impact of construction runoff from the project, the further mitigation measures and enhancement of the temporary surface water drainage system were advised to implement by contractor. The related rectified actions had been conducted by the contractor.	15 Jun, 21 Aug 2023
C004_20230803	3 Aug 2023	EPD-RNG	ET	Water Quality	18 Jul 2023	It was noted from EPD-RNG's email to the ET on 3 Aug 2023 that EPD received information regarding the muddy water was observed at River Ganges (GR3) (Water Quality Monitoring Location from EPD). In summary of the investigation, the muddy water caused from multi-potential sources while the runoff from the box culvert under the Wo Keng Shan Road is the major source including runoff from Existing channel near Portion E3-1, discharge water from the silt removal facilities at Portion E3-1 of the project, runoff from branch near the entrance of Portion E3-1, runoff from weighting plaza of NENT Landfill & natural stream near Wo Keng Shan & Shui Ngau Tso etc.. Hence, the project is a part of factor causing the high turbidity muddy water. To minimise the potential impact of construction runoff from the project, the further mitigation measures and enhancement of the temporary surface water drainage system were advised to implement by contractor. The related rectified actions had been conducted by the contractor.	14 Aug 2023

Complaint Ref. No.	Date of Complaint Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
C005_20230818	18 Aug 2023	EPD-RNG	ET	Water Quality	18 Sep 2023	It was noted from EPD-RNG's email to the ET on 18 August 2023 that EPD received information regarding the muddy water was observed at River Ganges (GR3) (Water Quality Monitoring Location from EPD) on 14 August 2023. In summary of the investigation, the complaint is project related. It viewed that muddy water arising from wheel washing water from the site entrance at Portion E4 & Runoff from Existing Channel near Portion E3-1 & discharge water from the silt removal facilities at Portion E3-1 eventually flows into the box culvert under Wo Keng Shan Road, WM2 and ultimately to GR3. The related rectified actions had been conducted by the contractor.	13 October 2023
C006_20230914	14 Sep 2023	EPD-RNG	ET	Water Quality	18 Sep 2023	It was noted from EPD-RNG's email to the ET on 14 September 2023 that EPD received information regarding the muddy water was observed at River Ganges (GR3) (Water Quality Monitoring Location from EPD) on 11 September 2023. In summary of the investigation, the complaint is project related. It viewed that muddy water arising from wheel washing water from the site entrance at Portion E4 & Runoff from Existing Channel near Portion E3-1 & discharge water from the silt removal facilities at Portion E3-1 eventually flows into the box culvert under Wo Keng Shan Road, WM2 and ultimately to GR3. The related rectified actions had been conducted by the contractor.	13 October 2023
C007_20240509	9 May 2024	EPD-RNG	ET	Water Quality	13 May 2024	It was noted from EPD-RNG's email to the ET on 9 May 2024 that EPD receipted a memo from DSD/Mainland North regarding the incident of muddy water observed in Ping Yuen River, at the downstream of NENTX, on 23 April 2024. In summary of the investigation, the muddy water at the complaint location involved multi-potential sources (including the construction runoff of the project and runoff from existing landfill) based on the distance between the outlet of the project discharge point and the complaint location (distance around 1.16 km). The mitigation measures are recommended and reminded to implement and review by the contractor.	16 July 2024

Complaint Ref. No.	Date of Complaint Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
C008_20241128	28 Nov 2024	EPD-RNG	ET	Water Quality	2 & 5 Dec 2024	It was noted from EPD-RNG's email to the ET on 28 November 2024 regarding the incident of muddy water observed in Ping Yuen River, at the downstream of NENTX, on 13 November 2024. Based on the surface water monitoring results, construction activities & related mitigation measures, weather record, environmental mitigation implementation status, joint weekly site inspections on 11, 18 November & 2 December 2024, additional site investigation / audit on 5 December 2024, the muddy water at the complaint location involved multi-potential sources (including the construction runoff of the project and runoff from existing landfill). While the major source of causing high turbidity level should be Surface runoff from Wo Keng Shan Road between Northing (m): 844604, Easting (m): 835332 and the entrance of Shek Tsai Ha Road in accordance with the actual observation on 13 November 2024 & Surface Runoff from Drainage System of NENT Landfill. The muddy water from drainage system including stormwater channels and drains collected the runoff from rainfall and runoff from dust control measures of existing landfill increase the concentration of runoff at Ping Yuen River. Due to rainfall occurs on 13 November 2024, the severe weather increased the risk of landslips, finally increasing the concentration of suspended solids for surface runoff. Most rivers/streams/channels were affected by high amount of rainfall. Hence, the water quality of runoff at the complaint location would be affected by runoff from Wo Keng Shan, Shui Ngau Tso and other area between Surface WQM Location WM2 and the complaint location. Although the silt removal facilities of the project were functionable normally under the investigation. The mitigation measures are recommended and reminded to implement and review by the contractor.	9 April 2025

Complaint Ref. No.	Date of Complaint Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
C011_20251027	27 Oct 2025	EPD-LDG	ET	Air Quality & Construction Noise	3 Nov 2025	It was noted from EPD-LDG's email to the ET on 27 October 2025 regarding the air quality and construction noise complaint from Wo Keng Shan Tsuen's villager on 22 October 2025. In summary of the investigation, it concluded that the complaint is not likely related to the NENT Landfill Extension project based on the air quality and noise monitoring results, construction activities and related mitigation measures, implementation condition of air quality and noise control measures via joint weekly site inspections in October 2025, additional noise monitoring at NM1a, and additional daytime and night investigations.	19 Nov 2025
C012_20251119	19 Nov 2025	EPD-LDG	ET	Construction Noise	24 Nov 2025	It was noted from EPD-LDG's email to the ET on 19 November 2025 regarding the construction noise complaint from Wo Keng Shan Tsuen's villager on 13 November 2025. In summary of the investigation, it concluded that the complaint is not likely related to the NENT Landfill Extension project based on the noise monitoring results, construction activities and related mitigation measures, implementation condition of noise control measures via joint weekly site inspections from 1 to 24 November 2025, and additional daytime and night investigations.	11 Dec 2025

Remarks:

1. "ET" equal to "Environmental Team"
2. "EPD-RNG" equal to "Environmental Protection Department-Regional Office (North)"
3. "TBC" equal to "To Be Confirm"

Environmental Enquiries Log

Enquiry Ref. No.	Date of Enquiry Received	Received from	Received by	Aspect of Complaint	Date of Investigation	Investigation Summary & Conclusion	Date of Reply
E009_20250410	10 Apr 2025	EPD-RNG	ET	Water Quality	7 Apr 2025	It was noted from EPD-RNG's email to the ET on 10 April 2025 regarding the incident of muddy water observed in Ping Yuen River, at the downstream of NENTX, on 7 April 2025. In summary of the investigation, the major source of causing high turbidity level should be surface runoff from Wo Keng Shan road between Northing (m): 844604, Easting (m): 835332 and the entrance of Shek Tsai Ha Road & surface runoff from drainage system of NENT Landfill. The muddy water from drainage system including stormwater channels and drains collected the runoff from rainfall and runoff from dust control measures of existing landfill increase the concentration of runoff at Ping Yuen River. Hence, the enquiry is not project related.	14 Jun 2025
E010_20250703	3 Jul 2025	Contractor	ET	Water Quality	3 Jul 2025	It was noted from Contractor's email to the ET on 3 July 2025 regarding the complaint from SZ 涉港事務部 on muddy water on SZ river on 29 May 2025. In summary of the investigation, no exceedance was observed at the water quality monitoring in June & July 2025 and the mitigation measures was considered to be effective to minmise the risk causing muddy water discharge into Ping Yuen River. The discharge of treated runoff at the silt removal facilities of the project site were clear from 28 to 31 May 2025. Moreover, the rainstorm on 29 May 2025 increased the risk of landslides and subsequently raises the concentration of suspended solids in surface runoff (flow into Ping Yuen River and final flow into Shenzhen River). Based on above investigation, there is no direct evidence showing that the complaint is likely related to the Project. Therefore, the case is considered closed. To avoid the potential impact of construction runoff from the project, some mitigation measures are recommended & reminded to implemented & review by the contractor. Besides implementation of above mitigation measures, the desilting works at Ping Yuen River were conducted by the Contractor in July 2025.	13 Sep 2025

Remarks:

1. "ET" equal to "Environmental Team"
2. "EPD-RNG" equal to "Environmental Protection Department-Regional Office (North)"
3. "NA" equal to "Not Applicable"

Cumulative Statistics on Complaints

Aspects	Cumulative No. Brought Forward	No. of Complaints during reporting period	Cumulative Project-to-Date
Air Quality	2*	0	2*
Noise	2*	0	2*
Water Quality	7(2*)	0	7(2*)
Waste Management	0	0	0
Total	11(6*)	0	11(6*)

Remarks:

1. * Equal to non-project related
2. # Equal to the complaint under the investigation.

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