



Our Ref:  MC/KW/N81304/26/ss
Your Ref: -

14 August 2026

The EIA Ordinance Register Office,
27th floor, Southorn Centre,
130 Hennessy Road,
Wan Chai, Hong Kong

Attn: Ms. Maureen CHANG

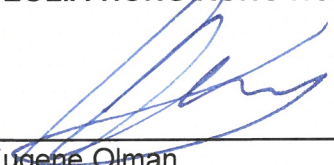
Dear Sirs,

Contract No. EP/SP/77/15
North-East New Territories Landfill Extension (NENTX)
NENTX - Submission of Monthly EM&A Report (No. 44) - July 2026

In accordance with requirements of the EM&A Manual for the North East New Territories (NENT) Landfill Extension Project (the Project), we are now submitting 2 hard copies and one electronic copy (in CD-ROM format) of the Monthly EM&A report (No. 44) - July 2026 dated 14 August 2026 together with ET's certificate letter and IEC's verification for your perusal.

If you have any questions, please contact our Matt Choy at 9683 2661.

Yours faithfully
For and on behalf of
VEOLIA HONG KONG HOLDING LIMITED



Eugene Olman
Project Manager

Encl.

CC: EPD - Herman Au / Charles Leung / William Lai / Davy Lau / Ivy Law (email only)
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MIEL- Steve Kok / Claudine Lee (email only)
Aurecon - Frederick Leong (email only)
VHK - EO, MC, KW

North East New Territories (NENT) Landfill Extension

Pre-Operation Baseline Monitoring Report (Part 1)

Veolia Hong Kong Holding Ltd.

Reference: P521531

Revision: 1

2026-03-31

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Ref: P521530-0000-REP-NN-0125

By Email

31 March 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 Pre-Operation Baseline Monitoring Report (Part 1) R1

In accordance with the requirement specified in Condition 3.2 of Environmental Permit No. EP-292/2007 and Further Environmental Permit No. FEP-02/292/2007, we are pleased to submit the certified "Pre-Operation Baseline Monitoring Report (Part 1) R1" dated 31 March 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

A handwritten signature in blue ink, appearing to read "Fredrick Leong".

Fredrick Leong
Environmental Team Leader

Encl.

1. Pre-Operation Baseline Monitoring Report (Part 1) R1

cc.

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

Our Ref.: CL/91823/3389-VES
Date: 31 March 2026

By Email

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Dear Sir

Re: Contract No. EP/SP/77/15
North-East New Territories Landfill Extension (NENTX)
Pre-Operation Baseline Monitoring Report (Part 1)

I refer to Condition 3.2 under Environmental Permit No. EP-292/2007 and Further Environmental Permit No. FEP-02/292/2007, regarding the submission of a Pre-Operation Baseline Monitoring Report. I hereby verify the captioned "Pre-Operation Baseline Monitoring Report (Part 1)" dated 31 March 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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Approval			
Reviewer's signature		Approver's signature	
Name	Keith Chau	Name	Fredrick Leong
Title	Associate Director, Environmental	Title	Environmental Team Leader

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1 Introduction

1.1 Background

- 1.1.1 The North East New Territories Landfill Extension (hereafter referred to as the “Project”) is located adjacent to the existing North East New Territories (NENT) Landfill at Ta Kwu Ling. The extension site is 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**.
- 1.1.2 The project is a designated project. The Environmental Impact Assessment (EIA) Report (AEIAR-111/2007) and an Environmental Monitoring and Audit (EM&A) 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 Table 2.1, Section 2.6, Section 2.11 and 12.2 of the Updated EM&A Manual for the project, baseline monitoring for air quality (ambient volatile organic compounds (VOCs), ammonia, Hydrogen Sulphide (H₂S) & odour), water quality (groundwater) and landfill gas (LFG) should be conducted as part of EM&A programme before the operation of the project.

1.2 Purpose of this Report

- 1.2.1 The purpose of this report is to summary baseline monitoring results and observations of baseline monitoring for operational phase. This report presents the monitoring requirements, locations, frequency, parameters, schedule, equipment, equipment calibration and maintenance, monitoring procedure, laboratory analytical methods and detection limits, monitoring results, trigger level, action & limit levels for air quality (ambient volatile organic compounds (VOCs), ammonia, Hydrogen Sulphide (H₂S) & odour), water quality (groundwater) and landfill gas (LFG).

2 Baseline Air Quality & Landfill Gas (Ambient VOCs) Monitoring

2.1 Monitoring Requirements

- 2.1.1 In accordance with the Updated EM&A Manual, baseline air quality & landfill gas (ambient VOCs) shall be taken at monitoring locations along the waste boundary and off-site monitoring locations before the operation of the project.

2.2 Monitoring Locations

- 2.2.1 Total of 8 monitoring locations (Total of 4 monitoring locations along the waste boundary of the project site (i.e. EV-1 to EV-4) and total of 4 surface gas monitoring locations located at off-site (i.e. AM(V)1 to AM(V)4)) shall be carried out for air quality & landfill gas (ambient VOCs). The monitoring locations along the waste boundary are indicated in **Table 2.1** and **Figure 2.1** while the off-site surface gas monitoring locations are presented in **Table 2.2** and **Figure 2.2**. The site visit for identification of measurement feasibility at AM(V)1 to AM(V)4 had been conducted by ET & IEC on 5 December 2024.

Table 2.1 Monitoring Locations Along the Waste Boundary of Proposed Air Quality & Landfill Gas (Ambient VOCs) Monitoring

Monitoring Locations Along the Waste Boundary	Location
EV-1	West-south boundary of NENT Extension
EV-2	South boundary of NENT Extension
EV-3	East boundary of NENT Extension
EV-4	North boundary of NENT Extension

Table 2.2 Off-site Surface Gas Monitoring Locations of Proposed Air Quality & Landfill Gas (Ambient VOCs) Monitoring

Off-site Surface Gas Monitoring Locations	Location	Land Uses
AM(V)1	Wo Keng Shan Tsuen (West of NENT Extension)	Residential
AM(V)2	Cheung Shan Monastery (South of NENT Extension)	Religions
AM(V)3	Lin Ma Hang (North of NENT Extension)	Residential
AM(V)4	Tong To Shan Tsuen (North-east of NENT Extension)	Only if it is occupied by residents

2.3 Monitoring Frequency and Parameters

2.3.1 The monitoring frequency and parameters for baseline air quality & landfill gas (ambient VOCs) monitoring are summarized in **Table 2.3**. Baseline air quality & landfill gas (ambient VOCs) monitoring was commenced on 28 March 2025. The baseline air quality & landfill gas (ambient VOCs) monitoring schedule and monitoring programme are presented in **Appendix 2.1**.

Table 2.3 Monitoring Frequency and Parameters for Baseline Air Quality & Landfill Gas (Ambient VOCs) Monitoring

Phase	Frequency	Duration	Monitoring Parameters	Monitoring Location
Baseline	Quarterly	A period of 12 months prior to waste filling	Temperature ⁽¹⁾ , Wind Speed ⁽¹⁾ , Wind Direction ⁽¹⁾ & Ambient VOCs ⁽²⁾	EV-1 to EV-4
			Temperature ⁽¹⁾ , Wind Speed ⁽¹⁾ , Wind Direction ⁽¹⁾ , Benzene & Vinyl Chloride	AM(V)1 to AM(V)4

Remarks:

(1) Equal to *in-situ* measurement

(2) The following VOCs parameters shall be included below:

- | | |
|-----------------------------|-------------------------|
| 1. 1,1,1-Trichloroethane | 21. Methane |
| 2. 1,2-Dibromoethane | 22. Methanethiol |
| 3. 1,2-Dichlorobenzene | 23. Methanol |
| 4. 1,2-Dichloroethane | 24. Methyl Butyrate |
| 5. Benzene | 25. Xylenes |
| 6. Butan-2-ol | 26. Methyl Propionate |
| 7. Butanethiol | 27. Methylene Chloride |
| 8. Butyl acetate | 28. n-Butyl Benzenes |
| 9. Carbon Disulfide | 29. n-Decanes |
| 10. Carbon Tetrachloride | 30. n-Heptane |
| 11. Chloroform | 31. Nonane |
| 12. Dichlorodifluoromethane | 32. n-Octane |
| 13. Dimethyl Sulfide | 33. Propyl Benzene |
| 14. Dipropyl Ether | 34. Undecane |
| 15. Ethanethiol | 35. Propyl Propionate |
| 16. Ethanol | 36. Toluene |
| 17. Ethyl Benzene | 37. Terpenes |
| 18. Ethyl Butyrate | 38. Tetrachloroethylene |
| 19. Ethyl Propionate | 39. Trichloroethylene |
| 20. Limonene | 40. Vinyl Chloride |

2.4 Monitoring Equipment

- 2.4.1 Samples for VOCs analysis should be collected using adsorption tubes containing a solid tenax/charcoal trapping medium or pressurised canisters fixed with a flow controller, which should be able to capture the suite of VOCs as shown in **Table 2.3** for laboratory analysis.

Calibration and Maintenance

- 2.4.2 Pumps and rotameters are regularly serviced and calibrated in accordance with the manufacturer's instructions. The calibration of rotameters, pumps and any other sampling equipment used shall be checked prior to, and after each monitoring period and any difference noted. The power supply for pumps shall be checked prior to monitoring to ensure that the equipment can function for the required operating period. In all instances, sampling equipment shall be treated and maintained with care. The procedures and standards required for cleaning canisters and calibration of the analytical equipment are specified in USEPA Method TO-15 "The Determination of Volatile Organic Compounds (VOCs) in air collected SUMMA Canisters and analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)". The laboratory providing VOC sampling and analysis by canisters carries out cleaning, calibration and maintenance in accordance with these procedures at the frequency specified.

2.5 Monitoring Procedure

- 2.5.1 Prior to sampling, the sampler should be attached to the canister by tubing.
- 2.5.2 The canister valve should be opened, and the canister pressure gauge should be recorded.
- 2.5.3 Ambient air should be pumped into the canister by the sampler's diaphragm pump. The flow rate should be maintained at about 67mL/min for 3 hours in order to fill the 6L canister to 2 atm. The system timer should be programmed to activate and deactivate the sample collection.
- 2.5.4 After sampling, the canister valve should be closed and the final sample pressure should be recorded on the sampling data sheet.
- 2.5.5 Monitoring for VOCs should not be carried out if it is raining.

2.6 Laboratory Analytical Methods and Detection Limits

- 2.6.1 Air samples collected for laboratory analysis should be transported to ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066) laboratory within 24 hours and analysed within 48 hours. Analysis of VOCs would be carried out by Gas Chromatography – Mass Spectrometry (GCMS) with preconcentrator (Reference Method: USEPA TO-14A).
- 2.6.2 The required detection limits for the VOCs are shown in **Table 2.4**.

Table 2.4 Analytical Detection Limits for VOCs

Analytical Parameters	Detection Limit (µg/m³)	Analytical Parameters	Detection Limit (µg/m³)
1,1,1-Trichloroethane	0.8 µg/m³	Methane	0.0001 %
1,2-Dibromoethane	1 µg/m³	Methanethiol	0.4 µg/m³
1,2-Dichlorobenzene	1 µg/m³	Methanol	2.6 µg/m³
1,2-Dichloroethane	0.3 µg/m³	Methyl Butyrate	0.84 µg/m³
Benzene	0.5 µg/m³	Xylenes	0.5 µg/m³
Butan-2-ol	0.61 µg/m³	Methyl Propionate	0.72 µg/m³
Butanethiol	1.2 µg/m³	Methylene Chloride	0.4 µg/m³
Butyl acetate	0.95 µg/m³	n-Butyl Benzenes	1 µg/m³
Carbon Disulphide	0.5 µg/m³	n-Decanes	0.7 µg/m³
Carbon Tetrachloride	0.6 µg/m³	n-Heptane	0.82 µg/m³
Chloroform	0.8 µg/m³	Nonane	0.9 µg/m³
Dichlorodifluoromethane	0.6 µg/m³	n-Octane	0.93 µg/m³
Dimethyl Sulfide	0.2 µg/m³	Propyl Benzene	0.8 µg/m³
Dipropyl Ether	0.84 µg/m³	Undecane	1.2 µg/m³
Ethanethiol	0.6 µg/m³	Propyl Propionate	0.95 µg/m³
Ethanol	3.8 µg/m³	Toluene	0.5 µg/m³
Ethyl Benzene	0.5 µg/m³	Terpenes	0.8 µg/m³
Ethyl Butyrate	0.95 µg/m³	Tetrachloroethylene	0.7 µg/m³
Ethyl Propionate	0.84 µg/m³	Trichloroethylene	1.1 µg/m³
Limonene	0.4 µg/m³	Vinyl Chloride	0.3 µg/m³

2.7 Monitoring Results

2.7.1 Baseline air quality & landfill gas (ambient VOCs) monitoring was commenced on 28 March 2025. The summary of baseline air quality & landfill gas (ambient VOCs) monitoring results is presented in **Table 2.5** & **Table 2.6**. Detailed monitoring results at each monitoring locations is given in **Appendix 2.2**.

Table 2.5 Summary of Baseline Air Quality & Landfill Gas (Ambient VOCs) Monitoring Results for EV1 to EV4

Monitoring Location (s)	EV1			EV2		
Monitoring Parameter (s)	Concentration (µg/m³)					
	Minimum	Maximum	Average	Minimum	Maximum	Average
1_1_1-Trichloroethane	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
1_2-Dibromoethane	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
1_2-Dichlorobenzene	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
1_2-Dichloroethane	0.3	1.4	0.8	0.3	1.6	0.7
Benzene	< 0.5	1.0	0.7	< 0.5	1.0	0.7
Butan-2-ol	< 0.6	< 0.6	0.6	< 0.6	< 0.6	0.6
Butanethiol	< 1.2	< 1.2	1.2	< 1.2	< 1.2	1.2
Butyl acetate	< 1.0	< 1.0	1.0	< 1.0	1.1	1.0
Carbon Disulphide	< 0.5	2.4	1.0	< 0.5	25.6	6.8
Carbon Tetrachloride	< 0.6	0.6	0.6	< 0.6	0.7	0.6
Chloroform	< 0.8	1.0	0.9	< 0.8	< 0.8	0.8
Dichlorodifluoromethane	1.1	2.0	1.6	1.4	2.0	1.8
Dimethyl Sulphide	< 0.2	< 0.2	0.2	< 0.2	2.6	0.8
Dipropyl Ether	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
Ethanethiol	< 0.6	< 0.6	0.6	< 0.6	< 0.6	0.6
Ethanol	< 3.8	17.4	7.5	< 3.8	5.2	4.2
Ethyl Benzene	< 0.5	1.2	0.8	< 0.5	0.8	0.6
Ethyl Butyrate	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
Ethyl Propionate	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
Limonene	0.4	2.0	1.0	< 0.4	0.8	0.6

Monitoring Location (s)	EV1			EV2						
Monitoring Parameter (s)	Concentration (µg/m³)									
	Minimum		Maximum	Average	Minimum		Maximum	Average		
Methane	0.00018		0.00038	0.00024	0.00017		0.00019	0.00019		
Methanethiol	<	0.4	<	0.4	0.4	<	0.4	<	0.4	0.4
Methanol	<	2.6	24.4		11.7	<	2.6	27.6		12.3
Methyl Butyrate	<	0.8	<	0.8	0.8	<	0.8	<	0.8	0.8
Xylenes	<	0.5	3.9		2.2	<	0.5	2.9		1.1
Methyl Propionate	<	0.7	<	0.7	0.7	<	0.7	<	0.7	0.7
Methylene Chloride	0.4		7.5		4.4	1.4		7.8		3.5
n-Butyl Benzenes	<	1.0	<	1.0	1.0	<	1.0	<	1.0	1.0
n-Decanes	<	0.7	1.6		0.9	<	0.7	2.0		1.0
n-Heptane	<	0.8	65.4		17.3	<	0.8	54.5		14.2
Nonane	<	0.9	1.3		1.0	<	0.9	<	0.9	0.9
n-Octane	<	0.9	1.4		1.0	<	0.9	<	0.9	0.9
Propyl Benzene	<	0.8	<	0.8	0.8	<	0.8	<	0.8	0.8
Undecane	<	1.2	3.2		1.7	<	1.2	9.8		3.4
Propyl Propionate	<	1.0	<	1.0	1.0	<	1.0	<	1.0	1.0
Toluene	0.7		5.9		3.1	0.8		3.6		1.6
Terpenes	<	0.8	<	0.8	0.8	<	0.8	1.8		1.1
Tetrachloroethylene	<	0.7	<	0.7	0.7	<	0.7	<	0.7	0.7
Trichloroethylene	<	1.1	<	1.1	1.1	<	1.1	<	1.1	1.1
Vinyl Chloride	<	0.3	<	0.3	0.3	<	0.3	<	0.3	0.3

Monitoring Location (s)	EV3			EV4		
Monitoring Parameter (s)	Concentration (µg/m³)					
	Minimum	Maximum	Average	Minimum	Maximum	Average
1_1_1-Trichloroethane	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
1_2-Dibromoethane	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
1_2-Dichlorobenzene	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
1_2-Dichloroethane	0.3	1.6	0.7	0.3	1.5	0.7
Benzene	< 0.5	1.1	0.7	< 0.5	1.1	0.7
Butan-2-ol	< 0.6	< 0.6	0.6	< 0.6	< 0.6	0.6
Butanethiol	< 1.2	< 1.2	1.2	< 1.2	< 1.2	1.2
Butyl acetate	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
Carbon Disulphide	< 0.5	1.3	0.7	< 0.5	1.4	0.7
Carbon Tetrachloride	< 0.6	0.7	0.6	< 0.6	0.7	0.7
Chloroform	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
Dichlorodifluoromethane	1.5	2.1	1.9	1.4	2.1	1.7
Dimethyl Sulphide	< 0.2	< 0.2	0.2	< 0.2	< 0.2	0.2
Dipropyl Ether	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
Ethanethiol	< 0.6	< 0.6	0.6	< 0.6	< 0.6	0.6
Ethanol	< 3.8	5.5	4.6	< 3.8	5.5	4.6
Ethyl Benzene	< 0.5	0.8	0.6	< 0.5	0.9	0.6
Ethyl Butyrate	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0
Ethyl Propionate	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8
Limonene	0.4	0.8	0.5	< 0.4	1.0	0.6

Monitoring Location (s)	EV3			EV4				
Monitoring Parameter (s)	Concentration (µg/m³)							
	Minimum		Maximum	Average	Minimum		Maximum	Average
Methane	0.00018		0.00020	0.00019	0.00019		0.00024	0.00020
Methanethiol	< 0.4	< 0.4	0.4	< 0.4	< 0.4	0.4		
Methanol	< 2.6	23.9	11.2	< 2.6	16.1	8.8		
Methyl Butyrate	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8		
Xylenes	< 0.5	2.9	1.1	< 0.5	4.0	1.4		
Methyl Propionate	< 0.7	< 0.7	0.7	< 0.7	< 0.7	0.7		
Methylene Chloride	1.4	9.2	3.9	2.0	7.6	3.7		
n-Butyl Benzenes	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0		
n-Decanes	< 0.7	< 0.7	0.7	< 0.7	< 0.7	0.7		
n-Heptane	< 0.8	57.6	15.1	< 0.8	40.2	10.7		
Nonane	< 0.9	< 0.9	0.9	< 0.9	< 0.9	0.9		
n-Octane	< 0.9	< 0.9	0.9	< 0.9	< 0.9	0.9		
Propyl Benzene	< 0.8	< 0.8	0.8	< 0.8	< 0.8	0.8		
Undecane	< 1.2	< 1.2	1.2	< 1.2	< 1.2	1.2		
Propyl Propionate	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0		
Toluene	0.6	3.9	1.7	0.6	3.6	1.5		
Terpenes	< 0.8	< 0.8	0.8	< 0.8	2.1	1.1		
Tetrachloroethylene	< 0.7	< 0.7	0.7	< 0.7	< 0.7	0.7		
Trichloroethylene	< 1.1	< 1.1	1.1	< 1.1	< 1.1	1.1		
Vinyl Chloride	< 0.3	< 0.3	0.3	< 0.3	< 0.3	0.3		

Table 2.6 Summary of Baseline Air Quality & Landfill Gas (Ambient VOCs) Monitoring Results for AM(V)1 to AM(V)4

Monitoring Location (s)	AM(V)1			AM(V)2		
Monitoring Parameter (s)	Concentration (µg/m³)					
	Minimum	Maximum	Average	Minimum	Maximum	Average
Vinyl Chloride	< 0.3	< 0.3	0.3	< 0.3	< 0.3	0.3
Benzene	< 0.5	1.4	0.8	< 0.5	1.1	0.8

Monitoring Location (s)	AM(V)3			AM(V)4		
Monitoring Parameter (s)	Concentration (µg/m³)					
	Minimum	Maximum	Average	Minimum	Maximum	Average
Vinyl Chloride	< 0.3	< 0.3	0.3	< 0.3	< 0.3	0.3
Benzene	< 0.5	1.1	0.7	0.7	2.1	1.2

2.8 Limit Levels

2.8.1 The Limit levels for air quality & landfill gas (ambient VOCs) are determined in accordance with WHO/USEPA/CARB's ambient criteria if available or the odour thresholds or 1% of Workplace Exposure Limit (WEL), whichever is lower. Detailed Limit levels for air quality & landfill gas (ambient VOCs) are defined in **Table 2.7**.

Table 2.7 Limit Levels for Air Quality & Landfill Gas (Ambient VOCs)

Parameters	Limit Level (µg/m ³)	Parameters	Limit Level (µg/m ³)
1_1_1-Trichloroethane	> 5,550 ⁽³⁾	Methane	N/A ⁽⁵⁾
1_2-Dibromoethane	> 39 ⁽³⁾	Methanethiol	> 10 ⁽³⁾
1_2-Dichlorobenzene	> 120 ⁽⁴⁾	Methanol	> 2,660 ⁽³⁾
1_2-Dichloroethane	> 210 ⁽³⁾	Methyl Butyrate	N/A ⁽⁵⁾
Benzene	> 33 ⁽³⁾	Xylenes	> 534 ⁽⁴⁾
Butan-2-ol	> 667 ⁽⁴⁾	Methyl Propionate	> 353 ⁽⁴⁾
Butanethiol	> 4 ⁽⁴⁾	Methylene Chloride	> 3,530 ⁽³⁾
Butyl acetate	> 7240 ⁽³⁾	n-Butyl Benzenes	> 47 ⁽⁴⁾
Carbon Disulphide	> 150 ⁽³⁾	n-Decanes	> 3,608 ⁽⁴⁾
Carbon Tetrachloride	> 64 ⁽³⁾	n-Heptane	> 2,746 ⁽⁴⁾
Chloroform	> 99 ⁽³⁾	Nonane	> 11,540 ⁽⁴⁾
Dichlorodifluoromethane	> 7.08 X 10 ⁸ ⁽²⁾	n-Octane	> 7,942 ⁽⁴⁾
Dimethyl Sulphide	> 8 ⁽⁴⁾	Propyl Benzene	> 19 ⁽⁴⁾
Dipropyl Ether	N/A ⁽⁵⁾	Undecane	> 3,964 ⁽²⁾
Ethanethiol	> 13 ⁽³⁾	Propyl Propionate	> 276 ⁽⁴⁾
Ethanol	> 19,200 ⁽³⁾	Toluene	> 1,244 ⁽⁴⁾
Ethyl Benzene	> 400 ⁽²⁾	Terpenes	N/A ⁽⁵⁾
Ethyl Butyrate	N/A ⁽⁵⁾	Tetrachloroethylene	> 1,380 ⁽³⁾
Ethyl Propionate	> 29 ⁽⁴⁾	Trichloroethylene	> 5,500 ⁽³⁾
Limonene	> 212 ⁽⁴⁾	Vinyl Chloride	> 26 ⁽³⁾

Remarks

- (1) Limit Level is established in accordance with the WHO/USEPA/CARB's ambient criteria
- (2) Limit Level is established in accordance with the odour thresholds.
- (3) Limit Level is established in accordance with 1% of Workplace Exposure Limit (WEL).
- (4) Limit Level is referred to the limit level from South East New Territories Landfill Extension (SENTX) Monthly EM&A Report No.71 (November 2024).
- (5) No relevant WHO/USEPA/CARB's ambient criteria, odour thresholds and WEL available.

3 Baseline Air Quality (Odour, Ammonia (NH₃) & Hydrogen Sulphide(H₂S)) Monitoring

3.1 Monitoring Requirements

- 3.1.1 In accordance with the Updated EM&A Manual, baseline air quality (Odour, NH₃ & H₂S) shall be taken at designated monitoring locations before the operation of the project.

3.2 Monitoring Locations

- 3.2.1 Total of 10 monitoring locations (i.e. AM(O)1 to AM(O)9) shall be carried out for air quality (Odour, NH₃ & H₂S). The monitoring locations are indicated in **Table 3.1** and **Figure 2.2**. The site visit for identification of measurement feasibility at AM(O)1 to AM(O)9 had been conducted by ET & IEC on 5 December 2024.

Table 3.1 Monitoring Locations of Proposed Air Quality (Odour, NH₃ & H₂S) Monitoring

Monitoring Locations	Location	Land Uses
AM(O)1	No.12, Wo Keng Shan Tsuen	Residential
AM(O)2	No. 74, Heung Yuen Wai	Residential
AM(O)3	No. 30, Tsung Yuen Ha	Residential
AM(O)4	No. 112, Ha Heung Yuen	Residential
AM(O)5 ²	Tong To Shan Tsuen	Residential
AM(O)5a ²	No. 237, Lin Ma Hang	Residential
AM(O)6	Tung Lo Hang	Residential
AM(O)7	No. 47, Chuk Yuen Village	Residential
AM(O)8	Nga Yiu Ha	Recreational
AM(O)9	No. 232A, Ping Yeung Village	Residential

Remark:

- (1) Odour intensity analysis and odour patrol shall only be conducted for the downwind monitoring locations.
- (2) In accordance with EP Condition 2.18 and FEP Condition 2.16, early morning odour patrol at AM(O)5 shall be arranged at Tong To Shan Tsuen if a resident is identified during the site walk (once every three months) to Tong To Shan Tsuen. In case no residents are identified during the site walk, the odour monitoring shall be arranged at the alternative location (i.e. AM(O)5a). Based on no residents were identified during the site walk on 5 December 2024 and the past weekly noise monitoring at Tong To Shan Tsuen during the construction phase, the odour monitoring would be arranged at the alternative location (i.e. AM(O)5a).

3.3 Monitoring Frequency and Parameters

- 3.3.1 The monitoring frequency and parameters for baseline air quality (Odour, NH₃ & H₂S) monitoring are summarized in **Table 3.2**. Baseline air quality (Odour, NH₃ & H₂S) monitoring were commenced on 28 March 2025. The baseline air quality (Odour, NH₃ & H₂S) monitoring schedule and monitoring programme are presented in **Appendix 2.1**.

Table 3.2 Monitoring Frequency and Parameters for Baseline Air Quality (Odour, NH₃ & H₂S) Monitoring

Phase	Frequency	Duration	Monitoring Parameters	Monitoring Locations
Baseline	Once every 6 days during the following period: • Early morning; and • peak tipping hour (e.g. 11:00 am)	A period of 12 months prior to waste filling	Odour Intensity ⁽¹⁾ , Odour Source ⁽¹⁾ , Wind Speed ⁽¹⁾ & Wind Direction ⁽¹⁾	AM(O)1 to AM(O)5, AM(O)5a, AM(O)6 to AM(O)9
	Quarterly		Ammonia (NH ₃) & Hydrogen Sulphide (H ₂ S)	

Remarks:

(1) Equal to *in-situ* measurement

3.4 Monitoring Equipment

Ammonia (NH₃)

- 3.4.1 The sampling instruments (e.g. low flow-rate pump and silica gel sampling tubes) should be able to collect samples for the laboratory analysis for measuring ammonia concentrations in between the range of 0.02 to 2 mg/m³. The equipment used in collection of Ammonia (NH₃) samples is summarised in **Table 3.3**.

Table 3.3 Monitoring Equipment for Collection of Ammonia (NH₃) Samples

Items	Equipment
1	Sampling Pump
2	Flow Meter
3	Sorbent Tube

Hydrogen Sulphide (H₂S)

- 3.4.2 Cadmium hydroxide solution was used as the absorbing solution to collect H₂S in air with mid-get impinger. The air sampling flow rate was set at 1.5 L/min. The equipment used in collection of Hydrogen Sulphide (H₂S) samples is summarised in **Table 3.4**.

Table 3.4 Monitoring Equipment for Collection of Hydrogen Sulphide (H₂S) Samples

Items	Equipment
1	Sampling Pump
2	Flow Meter
3	Empty Impinger
4	Impinger with 10 mL absorbing solution with 5mL ethanol

3.5 Monitoring Procedure

Odour Intensity Analysis

- 3.5.1 Odour Intensity Analysis shall be conducted by independent trained personnel / competent persons patrolling and sniffing around the Air Sensitive Receiver (ASR) to detect any odour at the concerned hours.
- 3.5.2 The independent trained personnel / competent persons shall
- have their individual odour threshold of n-butanol in nitrogen gas in the range of 20 to 80 ppb/v required by the European Standard Method (EN 13725);
 - be at least 16 years of age and willing and able to follow instructions;
 - be free from any respiratory diseases;
 - be engaged for a sufficient period to build up and monitor/detect at several monitoring location;
 - not be allowed to smoke, eat, drink (except water) or use chewing gum or sweets 30min before and during odour intensity analysis;
 - take great care not to cause any interference with their own perception or that of others by lack of personal hygiene or the use of perfumes, deodorants, body lotions or cosmetics; and
 - not communicate with each other about the results of their choices.
- 3.5.3 The Odour Panellist Certificates are shown in **Appendix 3.1**.
- 3.5.4 At least three independent trained personnel / competent persons shall be selected to form a patrol team to conduct the odour intensity analysis, who should participate in a set of screening tests.
- 3.5.5 Subject to the prevailing weather forecast condition, odour intensity analysis shall be conducted by independent trained personnel / competent persons at the downwind locations. During the analysis, the sequence should start from less odorous locations to stronger odorous locations.

- 3.5.6 The independent trained personnel / competent persons shall use their nose (olfactory sensors) to sniff odours at different locations. The main odour emission sources and the areas to be affected by the odour nuisance shall be identified.
- 3.5.7 The perceived odour intensity is to be divided into 5 levels which are ranked in the descending order as **Table 3.5**.

Table 3.5 Odour Intensity Level

Class	Odour Intensity	Description
0	Not Detected	No odour perceived or an odour so weak that it cannot be easily characterised or described.
1	Slight	Identifiable odour, and slight chance to have odour nuisance
2	Moderate	Identifiable odour, and moderate chance to have odour nuisance
3	Strong	Identifiable odour, likely to have odour nuisance
4	Extreme	Severe odour, and unacceptable odour level

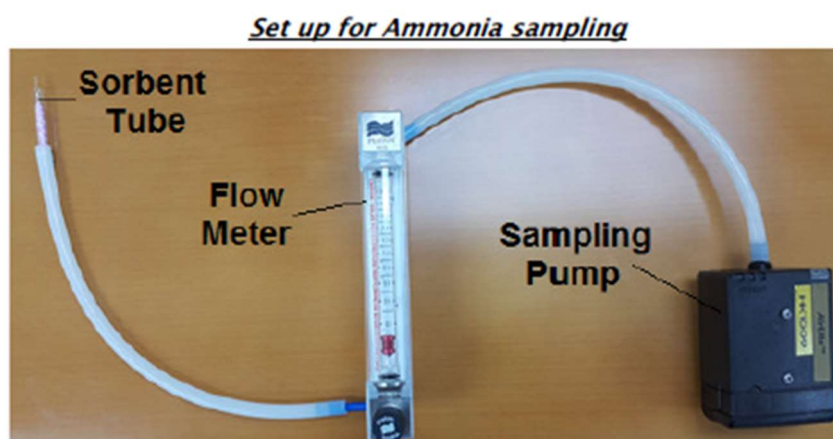
- 3.5.8 The independent trained personnel / competent persons shall record the findings including odour intensity, odour nature and possible odour sources, and also the local wind speed and direction at each location. In addition, some relevant meteorological data such as daily average temperature, and daily average humidity, on that surveyed day shall be obtained from the Hong Kong Observatory Station for reference.

Odour Patrol

- 3.5.9 Apart from odour intensity analysis, routine odour patrol by competent persons shall also be conducted to detect odour nuisance.

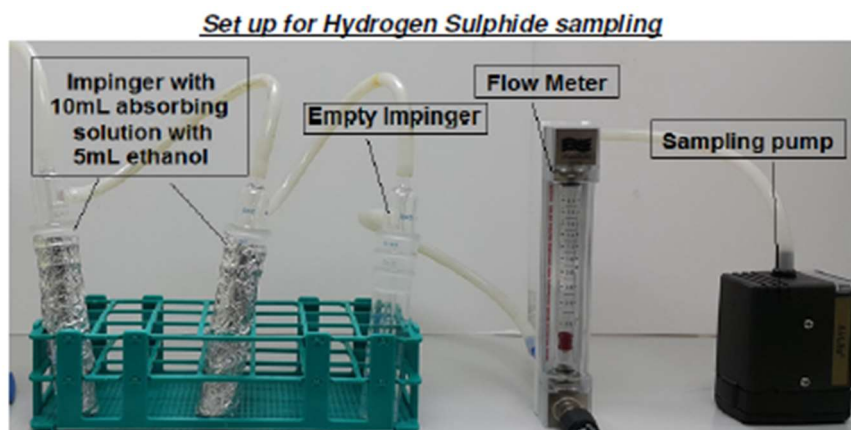
Ammonia (NH₃)

- 3.5.10 A calibrated personal air pump would be used to pump the air through a Sulphuric Acid coated silica gel sorbent tube. Gaseous ammonia was then trapped in the sorbent tube. The tube would be transported back to laboratory for analysis. The front and back portion of the sorbent tube was extracted separately by 20mL water. The ammonia content in the solution was analysed by Colorimetric method.



Hydrogen Sulphide (H₂S)

- 3.5.11 A calibrated personal air pump would be used to pump the air through an alkaline solution of Cadmium Sulphate at a constant flow rate and measured time. Sulphide reacts with Cadmium ion to form insoluble Cadmium Sulphide in alkaline media, then precipitated. The solution would be transported back to laboratory for analysis. The solution would be made up to a known volume by volumetric flask and the sulphide content in the solution was analysed by Colorimetric method.



3.6 Laboratory Analytical Methods and Detection Limits

- 3.6.1 Air samples collected for laboratory analysis of NH₃ & H₂S should be transported to ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066) laboratory within 24 hours and analysed within 48 hours. Analysis of NH₃ would be carried out by NIOSH 6015. Analysis of H₂S would be carried out by ISC Method 701.
- 3.6.2 The laboratory analytical methods and detection limits for the NH₃ & H₂S are shown in **Table 3.6**.

Table 3.6 Laboratory Analytical Methods and Detection Limits for NH₃ & H₂S

Analytical Parameters	Laboratory Analytical Methods	Detection Limits
NH ₃	NIOSH 6015	5 µg/m ³
H ₂ S	ISC Method 701	23 µg/m ³

3.7 Monitoring Results

- 3.7.1 Baseline air quality (Odour, NH₃ & H₂S) monitoring were commenced on 28 March 2025. The summary of baseline air quality (Odour, NH₃ & H₂S) monitoring results from 28 March 2025 to 27 February 2026 are presented in **Table 3.7** & **Table 3.8**. Detailed monitoring results at each monitoring locations from 28 March 2025 to 27 February 2026 are given in **Appendix 3.2** & **3.3**.

Table 3.7 Summary of Baseline Air Quality (Odour) Monitoring Results from 28 March 2025 to 27 February 2026

Monitoring Location (s)	Odour Intensity Range	Major Odour Characteristic
AM(O)1	0 – 1	Waste Smell from NENT Landfill
AM(O)2	0	No Odour Characteristic
AM(O)3	0	No Odour Characteristic
AM(O)4	0	No Odour Characteristic
AM(O)5	0	No Odour Characteristic
AM(O)5a	0	No Odour Characteristic
AM(O)6	0	No Odour Characteristic
AM(O)7	0 – 1	Manure Smell from Livestock
AM(O)8	0 – 1	Manure Smell from Livestock
AM(O)9	0	No Odour Characteristic

Table 3.8 Summary of Baseline Air Quality (NH₃ & H₂S) Monitoring Results from 28 March 2025 to 27 February 2026

Monitoring Location (s)	NH ₃ Concentration			H ₂ S Concentration		
	Minimum	Maximum	Average	Minimum	Maximum	Average
AM(O)1	< 5	6	5.3	< 23	< 23	23
AM(O)2	< 5	10	7.3	< 23	< 23	23
AM(O)3	< 5	12	7.3	< 23	< 23	23
AM(O)4	< 5	7	6.0	< 23	< 23	23
AM(O)5	< 5	< 5	5.0	< 23	< 23	23
AM(O)5a	6	7	6.3	< 23	< 23	23
AM(O)6	< 5	7	5.7	< 23	< 23	23
AM(O)7	< 5	35	21.3	< 23	< 23	23
AM(O)8	< 5	6	5.3	< 23	< 23	23
AM(O)9	< 5	7	6.0	< 23	< 23	23

3.7.2 The Action and Limit Levels for air quality (Odour) are presented in **Table 3.9**. The Limit levels for air quality (NH₃ & H₂S) are determined in accordance with WHO/USEPA/CARB's ambient criteria if available or the odour thresholds or 1% of Workplace Exposure Limit (WEL), whichever is lower. Detailed Limit Levels for air quality (NH₃ & H₂S) are shown in **Table 3.10**.

Table 3.9 Action and Limit Levels for Odour Nuisance

Parameters	Action Level	Limit Levels
Odour Nuisance (From odour intensity analysis or odour patrol)	- When two documented complaint are received; or - Odour Intensity of 2 is measured from odour intensity analysis.	- Five or more consecutive genuine documented complaints within a week; or - Odour Intensity of 3 or above is measured from odour intensity analysis.

Table 3.10 Limit Level for NH₃ & H₂S

Parameters	Limit Levels (µg/m ³)
NH ₃	> 180 ⁽¹⁾
H ₂ S	> 42 ⁽²⁾

Remarks:

(1) Limit Level for NH₃ is established in accordance with 1% of Workplace Exposure Limit (WEL).

(2) Limit Level for H₂S is established in accordance with the CARB's ambient criteria.

4 Baseline Landfill Gas (Surface Gas Emission & Monitoring Borehole) Monitoring

4.1 Monitoring Requirements

- 4.1.1 In accordance with the Updated EM&A Manual, baseline landfill gas (surface gas emission & monitoring borehole) shall be taken at surface gas monitoring locations and monitoring wells along the waste boundary before the operation of the project.

4.2 Monitoring Locations

- 4.2.1 Total of 35 surface gas monitoring locations (E1 to E35) and Total of 35 monitoring well locations (CW-1 to CW-35) shall be carried out the landfill gas monitoring. The surface gas monitoring locations and monitoring well locations are indicated in **Table 4.1** and **Figure 2.2**.

Table 4.1 Monitoring Locations of Proposed Landfill Gas (Surface Gas Emission & Monitoring Borehole) Monitoring

Surface Gas Monitoring Locations	Monitoring Well Locations	Coordinates (HK Grid)	
		Easting	Northing
E1	CW-1	836050	844936
E2	CW-2	836149	844944
E3	CW-3	836205	844922
E4	CW-4	836284	844877
E5	CW-5	836338	844809
E6	CW-6	836372	844725
E7	CW-7	836415	844690
E8	CW-8	836509	844679
E9	CW-9	836590	844627
E10	CW-10	836659	844562
E11	CW-11	836741	844539
E12	CW-12	836797	844472
E13	CW-13	836865	844417
E14	CW-14	836924	844356
E15	CW-15	836895	844270
E16	CW-16	836817	844225
E17	CW-17	836739	844197
E18	CW-18	836663	844150
E19	CW-19	836579	844126
E20	CW-20	836498	844093

Surface Gas Monitoring Locations	Monitoring Well Locations	Coordinates (HK Grid)	
		Easting	Northing
E21	CW-21	836412	844068
E22	CW-22	836298	844090
E23	CW-23	836260	844173
E24	CW-24	836271	844262
E25	CW-25	836223	844304
E26	CW-26	836124	844338
E27	CW-27	836067	844381
E28	CW-28	835960	844425
E29	CW-29	835903	844459
E30	CW-30	835851	844519
E31	CW-31	835802	844594
E32	CW-32	835808	844699
E33	CW-33	835841	844764
E34	CW-34	835907	844829
E35	CW-35	835964	844881

4.3 Monitoring Frequency and Parameters

4.3.1 The monitoring frequency and parameters for baseline landfill gas (surface gas emission & monitoring borehole) monitoring are summarized in **Table 4.2**. Baseline landfill gas (surface gas emission & monitoring borehole) monitoring were commenced on 28 March 2025. The baseline landfill gas (surface gas emission & monitoring borehole) monitoring schedule and monitoring programme are presented in **Appendix 2.1**.

Table 4.2 Monitoring Frequency and Parameters for Baseline Landfill Gas (Surface Gas Emission & Monitoring Borehole) Monitoring

Phase	Monitoring Locations		Frequency	Duration	Monitoring Parameters
Baseline	Surface Gas Emissions	E1 to E35	Monthly	A period of 12 months prior to waste filling	CH ₄ ⁽¹⁾ , CO ₂ ⁽¹⁾ & O ₂ ⁽¹⁾
	Monitoring Boreholes	CW-1 to CW-35			CH ₄ ⁽¹⁾ , CO ₂ ⁽¹⁾ & O ₂ ⁽¹⁾
			Quarterly		Flammable Gas

Remarks:

(1) Equal to *in-situ* measurement

4.4 Monitoring Equipment

4.4.1 Pre-entry and routine monitoring should be conducted at surface gas emissions and monitoring boreholes throughout the landfill extension development. The LFG monitoring should be conducted regularly. The LFG monitoring instrument should:

- (1) Comply with EPD's Landfill Gas Hazard Assessment — Guidance Note as intrinsically safe;
- (2) Be capable of continuous monitoring of CH₄, CO₂, O₂, barometric pressure and gas pressure measurement;
- (3) Normally operate in diffusion mode unless required for spot sampling, when it should be capable of operating by means of an aspirator or pump;
- (4) Have low battery, fault and over range indication incorporated;
- (5) Store monitoring date and be capable of being down-loaded directly; and
- (6) Measure within these ranges: methane 0-100 % LEL & 0-100 % v/v; oxygen 0-25 % v/v; carbon dioxide 0-100 % v/v; barometric pressure mBar (absolute); gas pressure (relative to atmosphere) pascals; and temperature 0-100 °C.

4.4.2 Proper gas sampling devices such as stainless steel gas cylinders or Tedlar bags should be used for collection of ambient gas samples at specified surface and off-site locations and delivered to laboratory for testing using gas chromatography analysis.

Calibration and Maintenance

4.4.3 All portable instruments should be calibrated and serviced according to the manufacturer's instructions (i.e. calibrate every 6 months). Calibration gases should be used for checking portable instrument for CH₄ & CO₂ detection before and after use. Instrument for monitoring O₂ should be calibrated against normal expected air concentrations. Any significant variations in instrument performance outside that expected through normal drift should be noted with the instrument calibration timely corrected.

4.4.4 The equipment used in the baseline landfill gas (surface gas emission & monitoring borehole) monitoring is summarised in **Table 4.3**. The equipment calibration certificate is shown in **Appendix 4.1**.

Table 4.3 Monitoring Equipment for Baseline Landfill Gas (Surface Gas Emission & Monitoring Borehole) Monitoring

Equipment	Model	Serial No.	Calibration Due Date	Monitoring Parameters
LFG Portable Gas Analyser	Geotech GA5000	G508090	30 Jun 2025	CH ₄ , CO ₂ , O ₂
		G507306	19 Jun 2026	
		G510954	28 Sep 2026	

4.5 Monitoring Procedure

Surface Gas Emission

- 4.5.1 Walkover survey for the whole site area should be undertaken at a slow pace with the inlet tube of the probe only a few centimeters above ground level.
- 4.5.2 Measurements will be taken in areas off-site and/or beyond the landfill boundary where there is visible vegetation stress or die-back which may be caused by depletion of soil oxygen and accumulation of toxic gases or vapors in the root zone.
- 4.5.3 Survey of the capping, focusing upon cracks or areas of settlement, surface drains, sub-surface service entries to buildings and any other enclosed spaces should be taken.

Monitoring Borehole

- 4.5.4 The sampling port should be connected to the gas monitoring probe.
- 4.5.5 The gas analyser should be turned on to sample the gas for about one minute.
- 4.5.6 The sampling port should be removed and the temperature probe should be inserted into the gas monitoring probe to record the temperature.
- 4.5.7 Results should be recorded on a log sheet.
- 4.5.8 Pressure (within installations, relative to atmospheric pressure) should be monitored at any monitoring probe where methane was detected on the previous monitoring occasion. The order of monitoring should be pressure, followed by CH₄, O₂, CO₂ and temperature.
- 4.5.9 Bulk samples of LFG should be drawn from gas monitoring probes with tubing connected directly to a Tedlar bag of appropriate volume and sent for laboratory analysis.

Well Head

- 4.5.10 Proper hoses should be connected from the GEM-500 or equivalent landfill gas meter to the wellhead.
- 4.5.11 Clear rubber hose with the external filter/water trap assembly should be attached to the static port on the GEM-500 or equivalent landfill gas meter .
- 4.5.12 Male quick connect should be placed on the end of this tubing to read the static pressure on the wellhead.
- 4.5.13 Clear rubber hose should be connected to the impact port of the GEM-500 or equivalent landfill gas meter. A male fitting should be placed on the end of the clear tubing. This fitting should be used to measure the impact pressure at the wellhead.
- 4.5.14 Gas analyser should be turned on and gas should be sampled for 60 seconds.

- 4.5.15 Results should be recorded on a log sheet.
- 4.5.16 Pressure (within installations, relative to atmospheric pressure) should be monitored at any monitoring probe where methane, was present on the previous monitoring occasion. The order of monitoring will be pressure, followed by CH₄, O₂, CO₂, and temperature.
- 4.5.17 Bulk samples of LFG should be drawn from gas monitoring probes with tubing connected directly to a Tedlar bag of appropriate volume and sent for laboratory analysis.

4.6 Laboratory Analytical Methods

- 4.6.1 Bulk samples collected for laboratory analysis should be transported to ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066) laboratory within 24 hours and analysed within 48 hours. Analysis of CH₄, CO₂, O₂ & flammable gas would be carried out by ISC 3rd ED., Method 101 & 133/ GC-TCD & FID.
- 4.6.2 The laboratory analytical methods and detection limits for CH₄, CO₂, O₂, & flammable gas are shown in **Table 4.4**.

Table 4.4 Laboratory Analytical Methods and Detection Limits for CH₄, CO₂, O₂, & Flammable Gas

Analytical Parameters	Laboratory Analytical Methods	Detection Limits
Oxygen	ISC 3rd ED., Method 101 & 133/ GC-TCD & FID	0.02 %
Nitrogen		0.02 %
Carbon monoxide		0.02 % (in general) or 10 ppm
Carbon dioxide		0.02 %
Hydrogen		0.02 %
Methane		0.02 %
Ethane		1.0 ppmv
Propane		1.0 ppmv
Butane		1.0 ppmv

4.7 Monitoring Results

- 4.7.1 Baseline landfill gas (surface gas emission & monitoring borehole) monitoring were commenced on 28 March 2025. The summary of landfill gas (surface gas emission & monitoring borehole) monitoring results for CH₄, CO₂ & O₂ from 28 March 2025 to 27 February 2026 is presented in **Table 4.5 & Table 4.6**. Detailed monitoring results for CH₄, CO₂ & O₂ at each monitoring location from 28 March 2025 to 27 February 2026 are given in **Appendix 4.2**.

Table 4.5 Summary of Baseline Landfill Gas (Surface Gas Emission) Monitoring Results from 28 March 2025 to 27 February 2026

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration %(v/v))			Oxygen (O ₂) Concentration %(v/v))		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
E1	0.0	0.0	0.0	0.0	0.1	0.1	19.4	21.3	20.2
E2	0.0	0.0	0.0	0.0	0.2	0.1	19.2	21.1	20.2
E3	0.0	0.0	0.0	0.0	0.1	0.1	19.3	20.9	20.1
E4	0.0	0.0	0.0	0.0	0.1	0.1	17.4	20.9	19.7
E5	0.0	0.0	0.0	0.0	0.1	0.1	19.5	21.2	20.6
E6	0.0	0.0	0.0	0.0	0.1	0.1	19.3	21.1	20.3
E7	0.0	0.0	0.0	0.0	0.1	0.1	18.9	20.8	20.2
E8	0.0	0.0	0.0	0.0	0.1	0.1	17.7	20.8	19.9
E9	0.0	0.0	0.0	0.0	0.1	0.1	18.8	21.0	19.9
E10	0.0	0.0	0.0	0.0	0.6	0.1	18.3	21.0	20.0
E11	0.0	0.0	0.0	0.0	0.1	0.1	19.1	21.2	20.1
E12	0.0	0.0	0.0	0.0	0.2	0.1	19.1	21.0	20.1
E13	0.0	0.0	0.0	0.0	0.1	0.1	19.1	20.9	20.0
E14	0.0	0.0	0.0	0.0	0.1	0.1	19.1	20.9	20.3
E15	0.0	0.0	0.0	0.0	0.1	0.1	18.2	21.0	19.9
E16	0.0	0.0	0.0	0.0	0.1	0.1	18.1	20.8	19.9
E17	0.0	0.0	0.0	0.0	0.1	0.1	18.4	20.6	20.0
E18	0.0	0.0	0.0	0.0	0.3	0.1	19.4	20.7	20.2
E19	0.0	0.0	0.0	0.0	0.1	0.1	18.8	21.0	20.0
E20	0.0	0.0	0.0	0.0	0.1	0.1	19.3	20.7	20.0

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration %(v/v)			Oxygen (O ₂) Concentration %(v/v)		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
E21	0.0	0.0	0.0	0.0	0.2	0.1	18.8	20.8	19.9
E22	0.0	2.0	0.3	0.0	0.1	0.1	18.9	21.1	20.5
E23	0.0	0.0	0.0	0.0	0.1	0.1	19.5	21.0	20.3
E24	0.0	0.0	0.0	0.0	0.1	0.1	19.1	21.0	20.1
E25	0.0	0.0	0.0	0.0	0.1	0.1	18.2	20.8	19.9
E26	0.0	0.0	0.0	0.0	0.1	0.1	19.1	21.0	20.1
E27	0.0	0.0	0.0	0.0	0.1	0.0	19.4	21.2	20.3
E28	0.0	0.0	0.0	0.0	0.1	0.1	19.7	21.1	20.5
E29	0.0	0.0	0.0	0.1	0.1	0.1	19.3	21.2	20.4
E30	0.0	0.0	0.0	0.0	0.6	0.1	18.7	20.7	19.9
E31	0.0	0.0	0.0	0.0	0.1	0.1	18.9	21.1	20.2
E32	0.0	0.0	0.0	0.0	0.1	0.1	18.1	20.8	19.9
E33	0.0	0.0	0.0	0.0	0.3	0.1	19.6	21.0	20.4
E34	0.0	0.0	0.0	0.0	0.2	0.1	18.8	21.0	20.1
E35	0.0	0.0	0.0	0.0	0.1	0.1	18.9	21.3	20.0

Table 4.6 Summary of Baseline Landfill Gas (Monitoring Borehole) Monitoring Results from 28 March to 27 September 2025

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration %(v/v))			Oxygen (O ₂) Concentration %(v/v))		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-1	0.0	0.0	0.0	0.0	0.1	0.1	19.2	21.0	20.1
CW-2	0.0	0.0	0.0	0.0	0.9	0.4	19.1	20.4	20.0
CW-3	0.0	0.0	0.0	0.1	7.0	3.3	11.1	19.8	16.3
CW-4	0.0	0.0	0.0	0.1	1.9	1.0	17.4	19.4	18.3
CW-5	0.0	0.0	0.0	0.1	3.0	1.0	17.9	20.7	19.4
CW-6	0.0	0.0	0.0	0.2	1.5	0.6	18.6	20.4	19.8
CW-7	0.0	0.0	0.0	0.1	2.0	1.0	18.4	20.2	19.4
CW-8	0.0	0.0	0.0	0.2	1.6	0.8	17.5	20.1	19.2
CW-9	0.0	0.0	0.0	0.2	3.9	1.9	16.7	20.2	18.5
CW-10	0.0	0.0	0.0	0.1	2.6	1.0	15.3	20.7	18.8
CW-11	0.0	0.0	0.0	0.2	2.1	0.8	18.0	20.9	19.3
CW-12	0.0	0.0	0.0	0.1	4.9	2.2	15.1	19.6	18.1
CW-13	0.0	0.0	0.0	0.1	2.3	1.1	18.1	20.9	19.3
CW-14	0.0	0.0	0.0	0.0	1.5	0.7	15.7	20.2	19.2
CW-15	0.0	0.0	0.0	0.0	4.8	1.2	17.0	20.6	18.9
CW-16	0.0	2.0	0.2	0.0	6.0	1.6	11.5	20.7	18.2
CW-17	0.0	0.0	0.0	1.3	3.9	2.4	14.5	19.4	17.6
CW-18	0.0	0.0	0.0	0.5	2.8	1.4	16.0	19.9	18.4
CW-19	0.0	0.0	0.0	0.2	2.1	0.8	15.7	19.9	18.4
CW-20	0.0	0.0	0.0	0.1	3.2	1.1	16.7	19.9	18.8
CW-21	0.0	0.0	0.0	0.1	1.6	0.7	16.8	20.5	19.1

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration %(v/v))			Oxygen (O ₂) Concentration %(v/v))		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-22	0.0	0.0	0.0	0.0	1.5	0.7	18.9	20.6	19.8
CW-23	0.0	0.0	0.0	0.7	0.9	0.8	18.2	20.4	19.5
CW-24	0.0	0.0	0.0	0.0	5.2	3.3	13.2	19.9	16.9
CW-25	0.0	0.0	0.0	0.1	2.2	1.2	17.0	20.4	18.9
CW-26	0.0	0.0	0.0	0.0	3.6	1.7	16.0	19.3	18.3
CW-27	0.0	0.0	0.0	0.0	2.4	1.0	17.7	20.9	19.5
CW-28	0.0	0.0	0.0	0.0	1.3	0.3	17.8	20.9	20.0
CW-29	0.0	0.0	0.0	0.1	1.3	0.6	16.9	20.9	19.5
CW-30	0.0	0.0	0.0	0.0	6.3	2.6	12.1	20.4	17.3
CW-31	0.0	0.0	0.0	0.0	8.3	3.3	9.0	20.5	16.2
CW-32	0.0	0.0	0.0	0.0	1.3	0.4	18.8	20.8	19.8
CW-33	0.0	0.0	0.0	0.0	0.7	0.2	19.2	20.8	20.1
CW-34	0.0	0.0	0.0	0.2	5.9	1.3	14.5	20.7	19.1
CW-35	0.0	0.0	0.0	0.1	11.4	2.1	2.4	20.5	17.6

4.7.2 The summary of landfill gas (monitoring borehole) monitoring results for flammable gas from 28 March 2025 to 27 February 2026 is presented in **Table 4.7**. Detailed monitoring results for flammable gas at each monitoring locations from 28 March 2025 to 27 February 2026 is given in **Appendix 4.3**.

Table 4.7 Summary of Baseline Landfill Gas (Monitoring Borehole) Monitoring Results for Flammable Gas from 28 March 2025 to 27 February 2026

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration (%(v/v))			Oxygen (O ₂) Concentration (%(v/v))		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-1	0.0	< 0.4	0.2	0.0	0.2	0.1	20.0	20.5	20.2
CW-2	< 0.4	< 0.4	0.4	0.1	0.5	0.3	19.2	20.3	20.0
CW-3	0.0	< 0.4	0.2	0.0	5.1	2.3	14.2	20.5	17.3
CW-4	0.0	< 0.4	0.2	0.1	1.4	0.6	18.5	20.3	19.5
CW-5	< 0.4	< 0.4	0.4	0.1	3.5	1.0	15.5	20.2	19.0
CW-6	< 0.4	< 0.4	0.4	0.2	0.7	0.4	19.5	20.2	20.0
CW-7	0.0	< 0.4	0.2	0.1	2.0	0.8	18.7	20.1	19.5
CW-8	0.0	< 0.4	0.2	0.1	2.8	0.9	17.2	20.2	19.3
CW-9	0.0	< 0.4	0.2	0.4	3.1	1.7	18.0	19.9	19.1
CW-10	0.0	< 0.4	0.2	0.1	4.3	1.2	13.3	20.6	18.5
CW-11	0.0	< 0.4	0.2	0.2	0.6	0.4	19.8	20.4	20.0
CW-12	0.0	< 0.4	0.2	0.1	4.2	2.0	15.3	20.3	18.1
CW-13	< 0.4	< 0.4	0.4	0.2	4.1	1.6	17.0	20.1	19.1
CW-14	< 0.4	< 0.4	0.4	0.5	1.8	1.0	18.2	20.1	19.2
CW-15	< 0.4	< 0.4	0.4	0.1	1.2	0.5	19.4	20.4	19.9
CW-16	< 0.4	< 0.4	0.4	0.1	3.4	1.0	14.6	20.6	18.9
CW-17	< 0.4	< 0.4	0.4	1.3	2.7	2.0	17.2	19.7	18.6
CW-18	0.0	< 0.4	0.2	0.5	1.8	0.9	18.7	20.2	19.6
CW-19	0.0	< 0.4	0.2	0.1	1.2	0.6	18.6	19.9	19.1
CW-20	< 0.4	< 0.4	0.4	0.6	3.3	1.5	17.4	19.9	19.1

Monitoring Location (s)	Methane (CH ₄) Concentration (%LEL)			Carbon Dioxide (CO ₂) Concentration %(v/v))			Oxygen (O ₂) Concentration %(v/v))		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-21	< 0.4	< 0.4	0.4	0.5	1.1	0.9	18.3	20.2	19.4
CW-22	< 0.4	< 0.4	0.4	0.0	1.7	0.8	17.8	20.2	19.1
CW-23	0.4	< 0.4	0.4	0.4	1.4	1.0	17.6	19.9	19.0
CW-24	< 0.4	< 0.4	0.4	0.1	3.4	1.1	14.7	20.5	18.9
CW-25	< 0.4	< 0.4	0.4	0.0	0.7	0.4	19.8	20.3	20.0
CW-26	0.0	< 0.4	0.2	0.0	4.2	1.8	16.6	20.2	18.7
CW-27	0.4	< 0.4	0.4	0.1	1.0	0.4	19.9	20.3	20.1
CW-28	0.4	< 0.4	0.4	0.0	0.1	0.1	20.2	20.6	20.4
CW-29	0.0	< 0.0	0.0	0.1	1.2	0.5	19.4	20.2	19.9
CW-30	0.0	< 0.4	0.2	0.2	4.0	2.9	14.4	20.1	16.6
CW-31	0.0	< 0.0	0.0	0.7	4.5	2.4	13.0	19.4	16.6
CW-32	0.4	< 0.4	0.4	0.1	0.4	0.2	20.0	20.3	20.2
CW-33	< 0.4	< 0.4	0.4	0.0	0.2	0.1	19.6	20.2	20.0
CW-34	0.0	< 0.4	0.2	0.4	4.8	2.0	15.2	20.1	18.2
CW-35	0.0	< 0.4	0.2	0.3	4.0	2.4	14.5	19.9	17.0

4.8 Action and Limit Levels

4.8.1 The action and limit levels for landfill gas are presented in **Table 4.8**.

Table 4.8 Action and Limit Levels for Landfill Gas

Parameters	Action Level	Limit Level
Oxygen (O ₂)	< 19 % or minimum level of background concentration ⁽¹⁾	< 18 % or minimum level of background concentration ⁽¹⁾
Methane (CH ₄)	> 10 % LEL ⁽²⁾	> 20 % LEL ⁽²⁾
Carbon dioxide (CO ₂)	> 0.5 % ⁽³⁾	> 1.5 % above background ⁽⁴⁾

Remarks:

- (1) Background concentrations established in baseline monitoring.
- (2) LEL: Lower Explosive Limit - concentrations in air below which there is not enough fuel to continue an explosion.
- (3) This Action Level of CO₂ at 0.5 % is set for reference only, assuming no CO₂ emission from a particular location. Depending on the baseline CO₂ levels, the Action Level at a particular location will equal to the maximum of background concentrations.
- (4) Background concentration established in baseline monitoring. Limit Level for CO₂ is established in accordance with the Specification of Contract No. EP/SP/77/15 & the Updated EM&A Manual of SENTX project.

4.8.2 According to the baseline monitoring results and **Table 4.8**, the proposed action and limit levels for landfill gas (surface gas emission, monitoring borehole & flammable gas for monitoring borehole) are presented in **Table 4.9**, **Table 4.10** & **Table 4.11**.

Table 4.9 Proposed Landfill Gas (Surface Gas Emission) Action & Limit Levels

Monitoring Location(s)	Action & Limit Levels ^[1]					
	Methane (CH ₄)		Carbon Dioxide (CO ₂)		Oxygen (O ₂)	
	Action Level	Limit Level	Action Level	Limit Level	Action Level	Limit Level
	(%LEL)	(%LEL)	(%(v/v))	(%(v/v))	(%(v/v))	(%(v/v))
E1	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E2	> 10	> 20	> 0.5	> 1.7	< 19.0	< 18.0
E3	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E4	> 10	> 20	> 0.5	> 1.6	< 17.4	< 17.4
E5	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E6	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E7	> 10	> 20	> 0.5	> 1.6	< 18.9	< 18.0
E8	> 10	> 20	> 0.5	> 1.6	< 17.7	< 17.7
E9	> 10	> 20	> 0.5	> 1.6	< 18.8	< 18.0
E10	> 10	> 20	> 0.6	> 2.1	< 18.3	< 18.0
E11	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E12	> 10	> 20	> 0.5	> 1.7	< 19.0	< 18.0
E13	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E14	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E15	> 10	> 20	> 0.5	> 1.6	< 18.2	< 18.0
E16	> 10	> 20	> 0.5	> 1.6	< 18.1	< 18.0
E17	> 10	> 20	> 0.5	> 1.6	< 18.4	< 18.0
E18	> 10	> 20	> 0.5	> 1.8	< 19.0	< 18.0
E19	> 10	> 20	> 0.5	> 1.6	< 18.8	< 18.0
E20	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E21	> 10	> 20	> 0.5	> 1.7	< 18.8	< 18.0
E22	> 10	> 20	> 0.5	> 1.6	< 18.9	< 18.0
E23	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E24	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E25	> 10	> 20	> 0.5	> 1.6	< 18.2	< 18.0
E26	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E27	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E28	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E29	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
E30	> 10	> 20	> 0.6	> 2.1	< 18.7	< 18.0
E31	> 10	> 20	> 0.5	> 1.6	< 18.9	< 18.0
E32	> 10	> 20	> 0.5	> 1.6	< 18.1	< 18.0
E33	> 10	> 20	> 0.5	> 1.8	< 19.0	< 18.0
E34	> 10	> 20	> 0.5	> 1.7	< 18.8	< 18.0
E35	> 10	> 20	> 0.5	> 1.6	< 18.9	< 18.0

Remarks:

[1] Action & Limit Levels were setup based on the baseline monitoring results until 27 February 2026.

Table 4.10 Proposed Landfill Gas (Monitoring Borehole) Action & Limit Levels

Monitoring Location(s)	Action & Limit Levels ^[1]					
	Methane (CH ₄)		Carbon Dioxide (CO ₂)		Oxygen (O ₂)	
	Action Level	Limit Level	Action Level	Limit Level	Action Level	Limit Level
	(%LEL)	(%LEL)	(%(v/v))	(%(v/v))	(%(v/v))	(%(v/v))
CW-1	> 10	> 20	> 0.5	> 1.6	< 19.0	< 18.0
CW-2	> 10	> 20	> 0.9	> 2.4	< 19.0	< 18.0
CW-3	> 10	> 20	> 7.0	> 8.5	< 11.1	< 11.1
CW-4	> 10	> 20	> 1.9	> 3.4	< 17.4	< 17.4
CW-5	> 10	> 20	> 3.0	> 4.5	< 17.9	< 17.9
CW-6	> 10	> 20	> 1.5	> 3.0	< 18.6	< 18.0
CW-7	> 10	> 20	> 2.0	> 3.5	< 18.4	< 18.0
CW-8	> 10	> 20	> 1.6	> 3.1	< 17.5	< 17.5
CW-9	> 10	> 20	> 3.9	> 5.4	< 16.7	< 16.7
CW-10	> 10	> 20	> 2.6	> 4.1	< 15.3	< 15.3
CW-11	> 10	> 20	> 2.1	> 3.6	< 18.0	< 18.0
CW-12	> 10	> 20	> 4.9	> 6.4	< 15.1	< 15.1
CW-13	> 10	> 20	> 2.3	> 3.8	< 18.1	< 18.0
CW-14	> 10	> 20	> 1.5	> 3.0	< 15.7	< 15.7
CW-15	> 10	> 20	> 4.8	> 6.3	< 17.0	< 17.0
CW-16	> 10	> 20	> 6.0	> 7.5	< 11.5	< 11.5
CW-17	> 10	> 20	> 3.9	> 5.4	< 14.5	< 14.5
CW-18	> 10	> 20	> 2.8	> 4.3	< 16.0	< 16.0
CW-19	> 10	> 20	> 2.1	> 3.6	< 15.7	< 15.7
CW-20	> 10	> 20	> 3.2	> 4.7	< 16.7	< 16.7
CW-21	> 10	> 20	> 1.6	> 3.1	< 16.8	< 16.8
CW-22	> 10	> 20	> 1.5	> 3.0	< 18.9	< 18.0
CW-23	> 10	> 20	> 0.9	> 2.4	< 18.2	< 18.0
CW-24	> 10	> 20	> 5.2	> 6.7	< 13.2	< 13.2
CW-25	> 10	> 20	> 2.2	> 3.7	< 17.0	< 17.0
CW-26	> 10	> 20	> 3.6	> 5.1	< 16.0	< 16.0
CW-27	> 10	> 20	> 2.4	> 3.9	< 17.7	< 17.7
CW-28	> 10	> 20	> 1.3	> 2.8	< 17.8	< 17.8
CW-29	> 10	> 20	> 1.3	> 2.8	< 16.9	< 16.9
CW-30	> 10	> 20	> 6.3	> 7.8	< 12.1	< 12.1
CW-31	> 10	> 20	> 8.3	> 9.8	< 9.0	< 9.0
CW-32	> 10	> 20	> 1.3	> 2.8	< 18.8	< 18.0
CW-33	> 10	> 20	> 0.7	> 2.2	< 19.0	< 18.0
CW-34	> 10	> 20	> 5.9	> 7.4	< 14.5	< 14.5
CW-35	> 10	> 20	> 11.4	> 12.9	< 2.4	< 2.4

Remarks:

[1] Action & Limit Levels were setup based on the baseline monitoring results until 27 February 2026.

Table 4.11 Proposed Landfill Gas (Flammable Gas for Monitoring Borehole) Action & Limit Levels

Monitoring Location(s)	Action & Limit Levels ^[1]					
	Methane (CH ₄)		Carbon Dioxide (CO ₂)		Oxygen (O ₂)	
	Action Level	Limit Level	Action Level	Limit Level	Action Level	Limit Level
	(%LEL)	(%LEL)	(%(v/v))	(%(v/v))	(%(v/v))	(%(v/v))
CW-1	> 10	> 20	> 0.5	> 1.5	< 19.0	< 18.0
CW-2	> 10	> 20	> 0.5	> 1.5	< 19.0	< 18.0
CW-3	> 10	> 20	> 5.1	> 6.6	< 14.2	< 14.2
CW-4	> 10	> 20	> 1.4	> 1.5	< 18.5	< 18.0
CW-5	> 10	> 20	> 3.5	> 5.0	< 15.5	< 15.5
CW-6	> 10	> 20	> 0.7	> 1.5	< 19.0	< 18.0
CW-7	> 10	> 20	> 2.0	> 3.5	< 18.7	< 18.0
CW-8	> 10	> 20	> 2.8	> 4.3	< 17.2	< 17.2
CW-9	> 10	> 20	> 3.1	> 4.6	< 18.0	< 18.0
CW-10	> 10	> 20	> 4.3	> 5.8	< 13.3	< 13.3
CW-11	> 10	> 20	> 0.6	> 1.5	< 19.0	< 18.0
CW-12	> 10	> 20	> 4.2	> 5.7	< 15.3	< 15.3
CW-13	> 10	> 20	> 4.1	> 5.6	< 17.0	< 17.0
CW-14	> 10	> 20	> 1.8	> 3.3	< 18.2	< 18.0
CW-15	> 10	> 20	> 1.2	> 1.5	< 19.0	< 18.0
CW-16	> 10	> 20	> 3.4	> 4.9	< 14.6	< 14.6
CW-17	> 10	> 20	> 2.7	> 4.2	< 17.2	< 17.2
CW-18	> 10	> 20	> 1.8	> 3.3	< 18.7	< 18.0
CW-19	> 10	> 20	> 1.2	> 1.5	< 18.6	< 18.0
CW-20	> 10	> 20	> 3.3	> 4.8	< 17.4	< 17.4
CW-21	> 10	> 20	> 1.1	> 1.5	< 18.3	< 18.0
CW-22	> 10	> 20	> 1.7	> 3.2	< 17.8	< 17.8
CW-23	> 10	> 20	> 1.4	> 1.5	< 17.6	< 17.6
CW-24	> 10	> 20	> 3.4	> 4.9	< 14.7	< 14.7
CW-25	> 10	> 20	> 0.7	> 1.5	< 19.0	< 18.0
CW-26	> 10	> 20	> 4.2	> 5.7	< 16.6	< 16.6
CW-27	> 10	> 20	> 1.0	> 1.5	< 19.0	< 18.0
CW-28	> 10	> 20	> 0.5	> 1.5	< 19.0	< 18.0
CW-29	> 10	> 20	> 1.2	> 1.5	< 19.0	< 18.0
CW-30	> 10	> 20	> 4.0	> 5.5	< 14.4	< 14.4
CW-31	> 10	> 20	> 4.5	> 6.0	< 13.0	< 13.0
CW-32	> 10	> 20	> 0.5	> 1.5	< 19.0	< 18.0
CW-33	> 10	> 20	> 0.5	> 1.5	< 19.0	< 18.0
CW-34	> 10	> 20	> 4.8	> 6.3	< 15.2	< 15.2
CW-35	> 10	> 20	> 4.0	> 5.5	< 14.5	< 14.5

Remarks:

[1] Action & Limit Levels were setup based on the baseline monitoring results until 27 February 2026.

5 Baseline Water Quality (Groundwater) Monitoring

5.1 Monitoring Requirements

- 5.1.1 In accordance with the Updated EM&A Manual, baseline water quality (groundwater) monitoring shall be taken at all of the designated monitoring locations before the operation of the project.

5.2 Monitoring Locations

- 5.2.1 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 CW1 – CW35 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.
- 5.2.2 Details of the monitoring locations are indicated in **Table 5.1** and **Figure 2.1**.

Table 5.1 Proposed Monitoring Locations of Baseline Water Quality (Groundwater) Monitoring

Monitoring Locations	Coordinates (HK Grid)	
	Easting	Northing
CW-1	836050	844936
CW-2	836149	844944
CW-3	836205	844922
CW-4	836284	844877
CW-5	836338	844809
CW-6	836372	844725
CW-7	836415	844690
CW-8	836509	844679
CW-9	836590	844627
CW-10	836659	844562
CW-11	836741	844539
CW-12	836797	844472
CW-13	836865	844417
CW-14	836924	844356

Monitoring Locations	Coordinates (HK Grid)	
	Easting	Northing
CW-15	836895	844270
CW-16	836817	844225
CW-17	836739	844197
CW-18	836663	844150
CW-19	836579	844126
CW-20	836498	844093
CW-21	836412	844068
CW-22	836298	844090
CW-23	836260	844173
CW-24	836271	844262
CW-25	836223	844304
CW-26	836124	844338
CW-27	836067	844381
CW-28	835960	844425
CW-29	835903	844459
CW-30	835851	844519
CW-31	835802	844594
CW-32	835808	844699
CW-33	835841	844764
CW-34	835907	844829
CW-35	835964	844881

5.3 Monitoring Frequency, Parameters & Schedule

- 5.3.1 The monitoring frequency and parameters for baseline water quality (groundwater) monitoring are summarized in **Table 5.2**. Baseline water quality monitoring (groundwater) was commenced on 28 March 2025. The baseline groundwater monitoring schedule and monitoring programme are presented in **Appendix 2.1**.

Table 5.2 Monitoring Frequency and Parameters for Baseline Water Quality (Groundwater) Monitoring

Phase	Frequency	Duration	Monitoring Parameters
Baseline	Monthly	A period of 12 months prior to waste filling	Groundwater Level ⁽¹⁾ , Temperature ⁽¹⁾ , pH ⁽¹⁾ , Electrical Conductivity (EC) ⁽¹⁾ , COD, BOD ₅ , Suspended Solids (SS), Ammonia-nitrogen, Nitrate, TKN, Sulphate, Sulphite, Phosphate, Chloride, Iron, Zinc & Coliform Count
	Weekly ⁽²⁾		pH ⁽¹⁾ , Electrical Conductivity (EC) ⁽¹⁾ , COD, BOD ₅ , Suspended Solids (SS), Ammonia-nitrogen, Chloride, Iron, Zinc & Coliform Count

Remarks:

(1) Equal to *in-situ* measurement

(2) In the event of contamination being detected in the monthly monitoring programme, additional groundwater monitoring shall be carried out in weekly basis in accordance with Section 5.4.10 of the Updated EM&A Manual.

5.4 Monitoring Equipment

Groundwater Level

- 5.4.1 According to the Updated EM&A Manual, a portable dip meter, not affected by condensation, shall be used to measure water depth and checked before use. The dip meter shall comprise a graduated tape and sonic indicator of water level and shall be checked before field use.

Groundwater Quality

- 5.4.2 The criteria for selection of appropriate equipment shall depend upon the purpose of the sampling exercise, the site characterisation and the parameters that are to be analysed. This shall be assessed using the following criteria:
- Required sampling accuracy and precision;
 - Sampling frequency;
 - Sampler construction material;
 - Required head;
 - Required discharge rate; and
 - Reliability and ease of maintenance, including availability of spares.
- 5.4.3 Teflon and/or stainless steel samplers (e.g. bailers) shall be used to sample groundwater.
- 5.4.4 Where sampling relies on the sample being pumped to the surface via tubing, the tubing used shall be Teflon, Teflon lined, or polypropylene. Bladder pumps shall be used to purge and to sample. Groundwater may be pumped from depths in excess of 50m below ground level, due to the depth to groundwater and the topographic level of the site.

- 5.4.5 The equipment used in the baseline water quality (groundwater) monitoring is summarised in **Table 5.3**. The relevant calibration certificates are shown in **Appendix 5.1**.

Table 5.3 Monitoring Equipment for Baseline Water Quality (Groundwater) Monitoring

Equipment	Model	Serial No.	Calibration Due Date	Monitoring Parameters
A portable dip meter	Promat CAL-252454	N/A	26 Mar 2026	Groundwater Level
	GaMicos GLT500A	N/A	27 Jan 2027	
Multi-functional Water Quality Meter	YSI ProDSS Multi Parameters	22C106561	8 Mar 2026	Temperature, pH & Electrical Conductivity
		15M101091	23 Feb 2026	
		24G101659	9 Oct 2025	
		22D100436	24 Dec 2025	
Bailer	Teflon 1.6" X 12" Single Check Valve	N/A	N/A	COD, BOD ₅ , SS, Ammonia-nitrogen, Nitrate, TKN, Sulphate, Sulphite, Phosphate, Chloride, Iron, Zinc & Coliform Count

Remarks:

- (1) The above equipment or the which equivalents approved by IEC in accordance with the Updated EM&A Manual shall be used in water quality (groundwater) monitoring.

5.5 Equipment Calibration and Maintenance

Groundwater Level

- 5.5.1 The portable dipmeter shall be supplied complete with a graduated tape for water level measurement to within 5 mm. This equipment shall be maintained in good working order.
- 5.5.2 In the event that automatic measuring equipment is installed, the associated data loggers shall be interrogated / downloaded at least on a monthly basis. The automatic monitoring equipment shall be calibrated monthly and periodic manual water level measurements shall be carried out to corroborate the measurements.

Groundwater Quality

- 5.5.3 Before each purging process, field meters shall be calibrated according to manufacturer specifications and the calibration results recorded in a calibration log file. All sampling equipment shall be thoroughly decontaminated as per standard sampling protocol prior to use.

5.6 Monitoring Procedure

Groundwater Level

- 5.6.1 Water level measurements shall be carried out prior to any purging or sampling from monitoring holes.
- 5.6.2 The Contractor shall take groundwater level measurements relative to a permanent fixed datum at a measured elevation at each location, situated and marked on the monitoring borehole casing or cover. Recorded levels shall be expressed as metres relative to Principal Datum, and the levels checked 3 times prior to recording the measurements.

Groundwater Quality

- 5.6.3 The Contractor shall purge a monitoring borehole before a sample is taken in order that representative groundwater is sampled. This process shall be combined with field monitoring of determinants such as EC, pH and temperature, so that stable sampling conditions can be achieved. If the water is contaminated, it shall be contained and treated as leachate, otherwise abstracted groundwater shall be discharged to the surface water drainage system.
- 5.6.4 Samples shall be stored and preserved according to the guideline of approved accredited laboratory. Representative groundwater sample shall be collected, in approved receptacles as follows:
- Sampling containers shall be pre-rinsed with the water being collected, except in the case where specific determinations require preservatives in pre-prepared bottles;
 - Glass containers shall be used for receipt of samples for organic analysis;
 - Polyethylene containers shall be used for other determinants, except trace metals determinants such as mercury;
 - Water shall be poured into sampling bottles carefully until filled completely, unless a specific volume is required by the analytical laboratory;
 - A minimum of one litre sample shall be taken, unless otherwise specified;
 - On-site measurement of EC, pH and temperature shall be carried out;
 - On completion of sampling, portable equipment shall be removed from the borehole, and cleaned prior to use at next installation.

5.6.5 All sample bottles shall be labelled, samples shall be kept at 4 °C and sent to the laboratory within specified holding times for the analytical methods. Samples shall be sent to the laboratory with appropriate chain-of-custody documentation.

5.6.6 Analysis of samples shall be carried out in accordance with methods described in American Society for Testing and Material (ASTM) or American Public Health Association (APHA) American Water Works Association (AWWA) - Water Environment Federation (WEF).

5.7 Laboratory Analytical Methods and Detection Limits

5.7.1 Water samples collected for laboratory analysis would be transported to ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066) laboratory within 24 hours after collection. The laboratory analytical methods and detection limits for the relevant parameters are shown in **Table 5.4**.

Table 5.4 Laboratory Analytical Methods and Detection Limits for Water Quality (Groundwater)

Parameters	Laboratory Analytical Methods	Detection Limits
Chemical Oxygen Demand (COD)	APHA 5220 B	2 mg/L
Biochemical Oxygen Demand ₅ (BOD ₅)	APHA 5210 B	2 mg/L
Suspended Solids (SS)	APHA 2540 D	2 mg/L ⁽¹⁾
Ammonia-nitrogen as N	APHA 4500 NH ₃ G	0.01 mg/L
Nitrate as N	APHA 4500 NO ₃ : I	0.01 mg/L
Total Kjeldahl Nitrogen as N	APHA 4500P:J APHA 4500NO ₃ :I	0.1 mg/L
Sulphate as SO ₄	USEPA 375.4	1 mg/L
Sulphite as SO ₃	APHA 4500 SO ₃ : B	2 mg/L
Reactive Phosphorus as P (Phosphate)	APHA 4500 P: B & F	0.01 mg/L
Chloride	USEPA 325.1	1 mg/L ⁽¹⁾
Iron-soluble	USEPA 6010	0.4 mg/L
Zinc-soluble	USEPA 6020	10 µg/L
Total Coliforms	DoE section 7.8 & 7.9	1 CFU/100mL

Remarks:

(1) The detection limits are established based on the laboratory analysis's detection limits of ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066) laboratory.

5.8 Monitoring Results

- 5.8.1 Baseline water quality monitoring (groundwater) was commenced on 28 March 2025. The summary of baseline water quality (groundwater) monitoring results for Chemical Oxygen Demand (COD) and Ammonia-nitrogen from 28 March 2025 to 27 February 2026 is presented in **Table 5.5**. Detailed monitoring results at each monitoring locations and graphical presentations of water quality (groundwater) at the monitoring locations from 28 March 2025 to 27 February 2026 are given in **Appendix 5.2** and **Appendix 5.3**.

Table 5.5 Summary of Baseline Water Quality (Groundwater) Monitoring Results from 28 March 2025 to 27 February 2026

Monitoring Location (s)	Groundwater Level			COD Level			Ammonia-nitrogen Level		
	(mPD)			(mg/L)			(mg/L)		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-1	152.88	162.74	158.89	3	24	10.0	< 0.01	0.09	0.05
CW-2	136.03	140.00	138.07	3	20	9.9	< 0.01	1.24	0.33
CW-3	135.18	145.89	143.11	4	51	12.8	< 0.01	0.28	0.07
CW-4	129.01	139.97	132.87	11	79	31.4	0.05	0.41	0.24
CW-5	108.00	121.77	116.69	< 2	12	6.5	< 0.01	0.08	0.03
CW-6	120.18	126.85	124.18	2	12	5.3	< 0.01	0.17	0.05
CW-7	125.00	132.83	127.83	< 2	79	21.8	< 0.01	0.14	0.04
CW-8	122.05	125.19	123.32	31	308	128.6	< 0.01	0.18	0.12
CW-9	125.82	131.46	129.00	< 2	22	5.8	< 0.01	0.10	0.03
CW-10	141.96	146.09	143.88	< 2	62	14.5	0.02	0.12	0.06
CW-11	164.41	171.56	167.18	< 2	25	7.8	< 0.01	0.03	0.01
CW-12	155.93	182.48	178.40	< 2	13	5.6	< 0.01	0.08	0.03
CW-13	166.82	191.41	179.45	< 2	13	6.7	< 0.01	0.05	0.02
CW-14	206.10	229.02	218.45	5	908	173.3	0.02	0.25	0.12
CW-15	222.07	244.95	232.12	< 2	37	8.7	< 0.01	0.23	0.06
CW-16	224.12	241.36	232.26	< 2	16	5.5	< 0.01	0.38	0.07
CW-17	222.30	238.86	229.03	2	16	6.6	< 0.01	0.05	0.02
CW-18	194.26	207.02	198.89	3	14	5.1	< 0.01	0.09	0.03
CW-19	207.24	219.77	214.20	14	342	108.0	0.02	5.56	1.75

Monitoring Location (s)	Groundwater Level			COD Level			Ammonia-nitrogen Level		
	(mPD)			(mg/L)			(mg/L)		
	Minimum	Maximum	Average	Minimum	Maximum	Average	Minimum	Maximum	Average
CW-20	212.00	220.66	214.43	5	22	11.5	< 0.01	0.29	0.08
CW-21	213.49	223.22	219.24	141	194	170.7	0.04	0.48	0.19
CW-22	228.20	246.00	233.06	< 2	9	4.6	0.01	0.13	0.05
CW-23	176.37	194.45	183.26	< 2	4	3.4	< 0.01	0.02	0.01
CW-24	No Groundwater During Baseline Monitoring								
CW-25	151.90	173.50	159.98	< 2	8	5.3	< 0.01	0.04	0.02
CW-26	121.85	139.73	133.31	< 2	43	9.3	< 0.01	0.28	0.05
CW-27	No Groundwater During Baseline Monitoring								
CW-28	80.71	82.96	81.83	4	13	9.0	0.02	0.02	0.02
CW-29	45.24	48.02	46.07	2	8	5.0	< 0.01	0.09	0.03
CW-30	45.71	58.28	49.83	4	15	7.8	0.02	0.20	0.06
CW-31	49.29	55.61	51.71	3	50	14.6	0.02	1.25	0.29
CW-32	64.73	82.24	77.89	4	60	29.6	0.02	0.48	0.16
CW-33	81.82	106.05	97.58	4	24	15.1	0.01	0.11	0.04
CW-34	97.59	111.28	108.05	4	28	9.8	0.02	0.09	0.05
CW-35	114.05	119.81	116.26	8	403	100.9	0.05	0.23	0.13

5.9 Trigger Levels (Action and Limit Levels) & Corrective Action

5.9.1 A permanent monitoring network at the site would be established by the contractor. It should be included in the following:

- Detailed information on the hydrogeological regime;
- Details on seasonal groundwater level fluctuations and short-term variations in certain areas;
- Detailed baseline groundwater quality information; and
- Detailed pumping test data for areas down gradient of the site where contaminants are likely to migrate.

5.9.2 The Trigger Levels (Action and Limit levels) for water quality (groundwater) are defined in **Table 5.6**.

Table 5.6 Trigger Levels (Action and Limit Levels) for Water Quality (Groundwater)

Parameters	Action	Limit ^[1]
COD	---	30 mg/L or 95%-tile of baseline data ^[2]
Ammonia-nitrogen	---	5 mg/L or 95%-tile of baseline data ^[2]

Remarks:

[1] Non-compliance of the water quality limits occurs when monitoring result is higher than the limits.

[2] If the concentration of ammoniacal-nitrogen and COD exceeds the respective limit level during baseline monitoring, the 95%-ile should be use as a limit level during impact monitoring. Should this be the case, the limit level will be well specific.

5.9.3 In the event that the above trigger levels are exceeded, the Contractor shall implement a Corrective Action Programme, which shall include:

- Groundwater extraction and, if necessary, treatment prior to discharge; and
- Groundwater interception and diversion.

5.9.4 According to the baseline monitoring results and **Table 5.6**, the proposed limit level for water quality (groundwater) is presented in **Table 5.7**.

Table 5.7 Proposed Water Quality (Groundwater) Limit Level

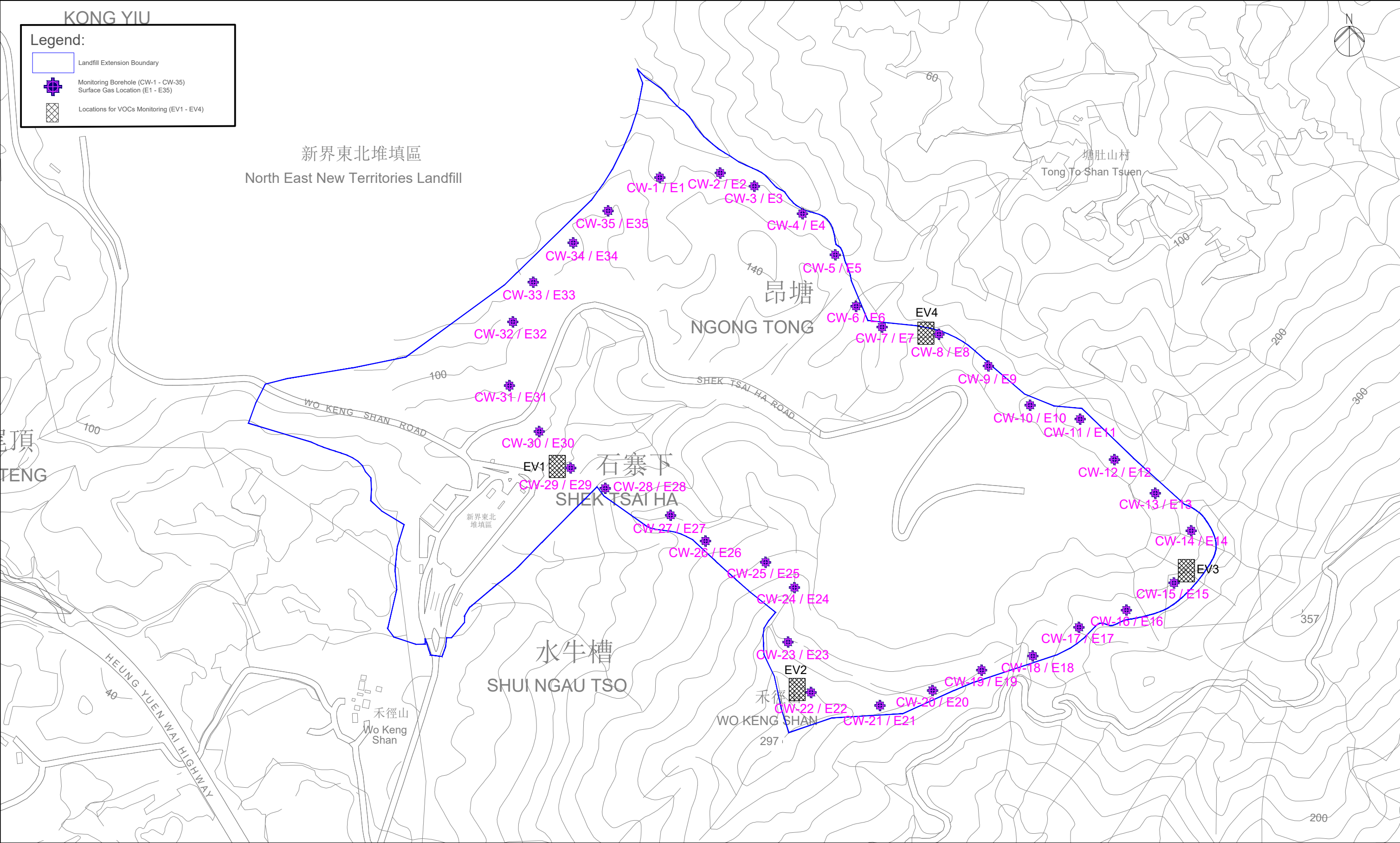
Monitoring Location(s)	Limit Levels ^[1]	
	COD	Ammonia-nitrogen
	(mg/L)	(mg/L)
CW-1	> 30	> 5
CW-2	> 30	> 5
CW-3	> 37	> 5
CW-4	> 77	> 5
CW-5	> 30	> 5
CW-6	> 30	> 5
CW-7	> 76	> 5
CW-8	> 276	> 5
CW-9	> 30	> 5
CW-10	> 49	> 5
CW-11	> 30	> 5
CW-12	> 30	> 5
CW-13	> 30	> 5
CW-14	> 638	> 5
CW-15	> 30	> 5
CW-16	> 30	> 5
CW-17	> 30	> 5
CW-18	> 30	> 5
CW-19	> 232	> 5
CW-20	> 30	> 5
CW-21	> 192	> 5
CW-22	> 30	> 5
CW-23	> 30	> 5
CW-24	> 30	> 5
CW-25	> 30	> 5
CW-26	> 30	> 5
CW-27	> 30	> 5
CW-28	> 30	> 5
CW-29	> 30	> 5
CW-30	> 30	> 5
CW-31	> 42	> 5
CW-32	> 56	> 5
CW-33	> 30	> 5
CW-34	> 30	> 5
CW-35	> 363	> 5

Remarks:

[1] Action & Limit Levels were setup based on the baseline monitoring results until 27 February 2026.

Figure 1.1
Location Plan of the Project Site

Figure 2.1
Monitoring Locations (Inside Project Boundary) for
Baseline Monitoring (Operational Phase)



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TABLE 1 - COMBINED LANDFILL GAS & BASELINE WATER QUALITY (GROUNDWATER) MONITORING WELL

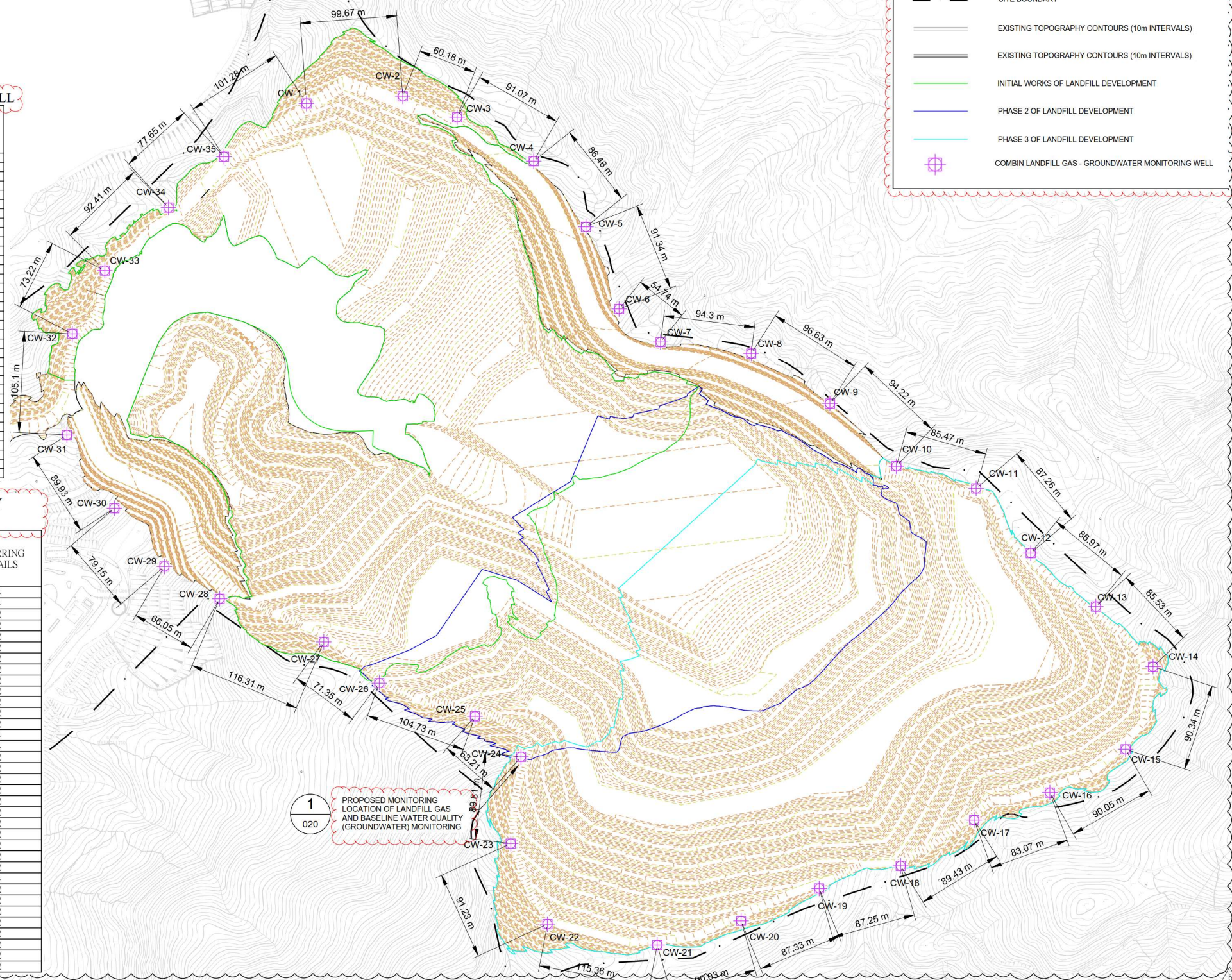
MONITORING POINT	EASTING	NORTHING	WELL TYPE	DESIGN GROUND LEVEL (mPD)	WATER LEVEL (mPD)	DEPTH "A" (mm)	PERFORATED LENGTH "B1" (mm)	PERFORATED LENGTH "C" (mm)	INSTALLATION PHASE	REFERRING DETAILS
CW-1	836050	844936	B	142.0	140.3	26700	25000	0	INITIAL WORKS	
CW-2	836149	844946	B	152.0	149.3	27700	25000	1000	INITIAL WORKS	
CW-3	836205	844924	B	152.0	141.0	36000	25000	9300	INITIAL WORKS	
CW-4	8366284	844877	B	155.0	135.0	45000	25000	18300	INITIAL WORKS	
CW-5	836338	844809	B	136.0	120.0	41000	25000	14300	INITIAL WORKS	
CW-6	836372	844725	B	143.0	136.0	32000	25000	5300	INITIAL WORKS	
CW-7	836415	844690	B	153.0	139.0	39000	25000	12300	INITIAL WORKS	
CW-8	836509	844679	B	142.0	130.0	37000	25000	10300	INITIAL WORKS	
CW-9	836590	844627	B	148.0	135.0	38000	25000	11300	INITIAL WORKS	
CW-10	836659	844561	B	164.0	150.0	39000	25000	12300	INITIAL WORKS	
CW-11	836741	844539	B	184.0	172.0	37000	25000	10300	INITIAL WORKS	
CW-12	836794	844469	B	196.0	181.0	40000	25000	13300	INITIAL WORKS	
CW-13	836855	844417	B	210.0	191.0	44000	25000	17300	INITIAL WORKS	
CW-14	836924	844356	B	230.5	227.3	28300	25000	1500	INITIAL WORKS	
CW-15	836896	844268	B	242.0	239.3	27700	25000	1000	INITIAL WORKS	
CW-16	836817	844223	B	244.0	238.0	31000	25000	4300	INITIAL WORKS	
CW-17	836739	844197	B	244.0	224.0	45000	25000	18300	INITIAL WORKS	
CW-18	836663	844150	B	223.0	198.0	50000	25000	23300	INITIAL WORKS	
CW-19	836579	844120	B	233.0	214.0	44000	25000	17300	INITIAL WORKS	
CW-20	836498	844093	B	242.0	215.0	52000	25000	25300	INITIAL WORKS	
CW-21	836413	844064	B	248.0	221.0	52000	25000	25300	INITIAL WORKS	
CW-22	836399	844091	B	253.0	221.0	57000	25000	30300	INITIAL WORKS	
CW-23	836260	844173	B	231.0	192.0	64000	25000	37300	INITIAL WORKS	
CW-24	836271	844262	B	207.0	176.0	56000	25000	29300	INITIAL WORKS	
CW-25	836221	844308	B	184.0	169.0	40000	25000	13300	INITIAL WORKS	
CW-26	836124	844338	B	155.0	131.0	49000	25000	22300	INITIAL WORKS	
CW-27	836067	844381	B	137.0	134.3	27700	25000	1000	INITIAL WORKS	
CW-28	835960	844425	A	109.0	79.0	40000	10000	28300	INITIAL WORKS	
CW-29	835903	844459	A	69.0	51.0	28000	10000	16300	INITIAL WORKS	
CW-30	835851	844519	A	65.0	52.0	23000	10000	11300	INITIAL WORKS	
CW-31	835802	844594	A	98.0	76.0	32010	10000	20310	INITIAL WORKS	
CW-32	835809	844698	B	103.0	100.0	28000	25000	1300	INITIAL WORKS	
CW-33	835842	844763	B	121.0	113.0	33000	25000	6300	INITIAL WORKS	
CW-34	835908	844827	B	124.0	114.0	35000	25000	8300	INITIAL WORKS	
CW-35	835964	844881	B	126.0	118.0	33000	25000	6300	INITIAL WORKS	

TABLE 2 - STAND-ALONE GAS MONITORING WELL

MONITORING POINT	LENGTH OF PIPE BELOW GROUND "D" (mm)	PROPOSED LANDFILL BASE LEVEL (mPD)	REFERRING DETAILS
CW-1	6700	135.15	5
CW-2	7700	144.15	5
CW-3	16000	135.85	3
CW-4	25000	129.85	3
CW-5	21000	114.85	3
CW-6	12000	130.85	3
CW-7	19000	133.85	3
CW-8	17000	124.85	3
CW-9	18000	129.85	3
CW-10	19000	144.85	3
CW-11	17000	166.85	3
CW-12	20000	175.85	3
CW-13	24000	185.85	3
CW-14	8200	222.15	5
CW-15	7700	234.15	5
CW-16	11000	232.85	3
CW-17	25000	218.85	3
CW-18	30000	192.85	3
CW-19	24000	208.85	3
CW-20	32000	209.85	3
CW-21	32000	215.85	3
CW-22	37000	215.85	3
CW-23	44000	186.85	3
CW-24	36000	170.85	3
CW-25	20000	163.85	3
CW-26	29000	125.85	3
CW-27	7700	129.15	5
CW-28	35000	73.85	3
CW-29	23000	45.85	3
CW-30	18000	46.85	3
CW-31	27010	70.85	3
CW-32	8000	94.85	3
CW-33	13000	107.85	3
CW-34	15000	108.85	3
CW-35	13000	112.85	3

TABLE 3 - STAND-ALONE BASELINE WATER QUALITY (GROUNDWATER) MONITORING WELL

MONITORING POINT	WELL TYPE	LENGTH OF PIPE BELOW GROUND "A" (mm)	PERFORATED LENGTH "B1" (mm)	PERFORATED LENGTH "C" (mm)	PROPOSED LANDFILL BASE LEVEL (mPD)	REFERRING DETAILS
CW-1	B	26700	25000	600	115.15	4
CW-2	B	27700	25000	1600	124.15	4
CW-3	B	36000	25000	9300	115.85	2
CW-4	B	45000	25000	18300	109.85	2
CW-5	B	41000	25000	14300	94.85	2
CW-6	B	32000	25000	5300	110.85	2
CW-7	B	39000	25000	12300	113.85	2
CW-8	B	37000	25000	10300	104.85	2
CW-9	B	38000	25000	11300	109.85	2
CW-10	B	39000	25000	12300	124.85	2
CW-11	B	37000	25000	10300	146.85	2
CW-12	B	40000	25000	13300	155.85	2
CW-13	B	44000	25000	17300	165.85	2
CW-14	B	28200	25000	2100	202.15	4
CW-15	B	27700	25000	1600	214.15	4
CW-16	B	31000	25000	4300	212.85	2
CW-17	B	45000	25000	18300	198.85	2
CW-18	B	50000	25000	23300	172.85	2
CW-19	B	44000	25000	17300	188.85	2
CW-20	B	52000	25000	25300	189.85	2
CW-21	B	52000	25000	25300	195.85	2
CW-22	B	57000	25000	30300	195.85	2
CW-23	B	64000	25000	37300	166.85	2
CW-24	B	56000	25000	29300	150.85	2
CW-25	B	40000	25000	13300	143.85	2
CW-26	B	49000	25000	22300	105.85	2
CW-27	B	27700	25000	1600	109.15	4
CW-28	A	40000	10000	28300	68.85	2
CW-29	A	28000	10000	16300	40.85	2
CW-30	A	23000	10000	11300	41.85	2
CW-31	A	32010	10000	20310	65.85	2
CW-32	B	28000	25000	1300	74.85	2
CW-33	B	33000	25000	6300	87.85	2
CW-34	B	35000	25000	8300	88.85	2
CW-35	B	33000	25000	6300	92.85	2



- NOTES:
- EXISTING TOPOGRAPHIC DATA PROVIDED BY VEOLIA IN AUTOCAD FORMATION JULY 2, 2020 AND UPDATED USING SURFER BY GOLDBER (2021).
 - SITE BOUNDARY FROM EP/SP/77/15 NORTH EAST NEW TERRITORIES LANDFILL EXTENSION TENDER DRAWINGS (12/20).
 - THIS DRAWING SHALL READ IN CONJUNCTION WITH DRAWING NENTX-GOLD-DP-C-EM-020.
 - LOCATION OF WELLS SHALL BE VERIFY ON SITE WHERE THE WELLS SHALL NOT BLOCK THE EXISTING OR PROPOSED HAUL ROAD.
 - DEPTH OF THE WELLS SHALL VERIFY ON SITE AND MAY REVISE AS APPROVED BY THE INDEPENDENT CONSULTANTS BASED ON THE OBSERVED GROUNDWATER LEVEL DURING THE TIME OF MONITORING WELL INSTALLATION.
 - WHEN COMBINED LANDFILL GAS - GROUNDWATER MONITORING WELL CANNOT BE CONSTRUCTED DUE TO SITE CONSTRAINTS, IT COULD BE SEPARATED INTO STAND-ALONE LANDFILL GROUNDWATER & LANDFILL GAS MONITORING WELL IN ACCORDING TO DETAIL 2 to 5.

- LEGEND:
- SITE BOUNDARY
 - EXISTING TOPOGRAPHY CONTOURS (10m INTERVALS)
 - EXISTING TOPOGRAPHY CONTOURS (10m INTERVALS)
 - INITIAL WORKS OF LANDFILL DEVELOPMENT
 - PHASE 2 OF LANDFILL DEVELOPMENT
 - PHASE 3 OF LANDFILL DEVELOPMENT
 - COMBIN LANDFILL GAS - GROUNDWATER MONITORING WELL

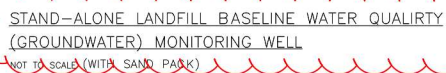
6	09DEC	TH	HW	MC	FIFTH SUBMISSION	MC
5	12SEP	TH	HW	MC	FOURTH SUBMISSION	MC
4	13JUL	TH	HW	MC	FOURTH SUBMISSION	MC
3	16JUN	TH	HW	MC	THIRD SUBMISSION	MC
2	07JUN	TH	HW	MC	SECOND SUBMISSION	MC
7	14JAN	TH	HW	MC	SEVENTH SUBMISSION	MC
Rev.	Date	Drawn	Designed	Verified	Description	Approved



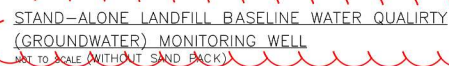
Project	CONTRACT NO. EP/SP/77/15 NORTH EAST NEW TERRITORIES LANDFILL EXTENSION
Drawing Title	GROUNDWATER AND GAS LAYOUT PLAN

Drawing no.	NENTX-GOLD-DP-C-EM-0010-I01
Scale	1 : 2500 (A1)
CADD Ref.	NENTX-GOLD-DP-C-EM-0010-5.DWG
Issue Status	DESIGN SUBMISSION
Revision	8

25 mm IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ISO A1



- NOTES:
1. ALL PIPE CONNECTIONS TO BE THREADED (I.E. NO SOLVENT WELD CONNECTIONS).
 2. DEPTH "A" AND LENGTH "C" SHALL REFER TO DRAWING NENX-GOLD-DP-C-EM-0010 AND MAY BE REVISED AS APPROVED BY AN INDEPENDENT CONSULTANTS BASED ON THE OBSERVED GROUNDWATER LEVEL DURING THE TIME OF MONITORING WELL INSTALLATION.
 3. WHEN COMBINED LANDFILL GAS-GROUNDWATER MONITORING WELL CAN NOT BE CONSTRUCTED DUE TO SITE CONSTRAINTS, IT COULD BE SEPARATED INTO STAND-ALONE LANDFILL GROUNDWATER & LANDFILL GAS MONITORING WELL IN ACCORDANCE WITH DETAIL 2 & 3.



1. ALL PIPE CONNECTIONS TO BE THREADED (NO SOLVENT WELD CONNECTIONS).
2. DEPTH "A" AND LENGTH "C" SHALL REFER TO DRAWING NENTX-GOLD-DP-C-EM-0010 AND MAY BE REVISED AS APPROVED BY THE INDEPENDENT CONSULTANTS BASED ON THE OBSERVED GROUNDWATER LEVEL DURING THE TIME OF MONITORING WELL INSTALLATION.
3. WHEN COMBINED LANDFILL GAS-GROUNDWATER MONITORING WELL CAN NOT BE CONSTRUCTION AND THE ELEVATION DIFFERENCE BETWEEN WATER LEVEL AND DESIGN LEVEL IS NOT SIGNIFICANT, IT COULD BE SEPARATED INTO STAND-ALONE LANDFILL GROUNDWATER AND LANDFILL GAS MONITORING WELL IN ACCORDANCE WITH DETAIL 4 AND 5



- NOTES:
1. ALL PIPE CONNECTIONS TO BE THREADED (I.E. NO SOLVENT WELD CONNECTIONS).
 2. DEPTH "A" AND LENGTH "C" SHALL REFER TO DRAWING NENTX-COLD-CP-C-EM-0010 AND MAY BE REVISED AS APPROVED BY THE INDEPENDENT CONSULTANTS BASED ON THE OBSERVED GROUNDWATER LEVEL DURING THE TIME OF MONITORING WELL INSTALLATION.
 3. WHEN COMBINED LANDFILL GAS-GROUNDWATER MONITORING WELL CAN NOT BE CONSTRUCTION AND THE ELEVATION DIFFERENCE BETWEEN WATER LEVEL AND DESIGN LEVEL IS NOT SIGNIFICANT, IT COULD BE SEPARATED INTO STAND-ALONE LANDFILL GROUNDWATER AND LANDFILL GAS MONITORING WELL IN ACCORDANCE WITH DETAIL 4 AND 5

Main Contractor

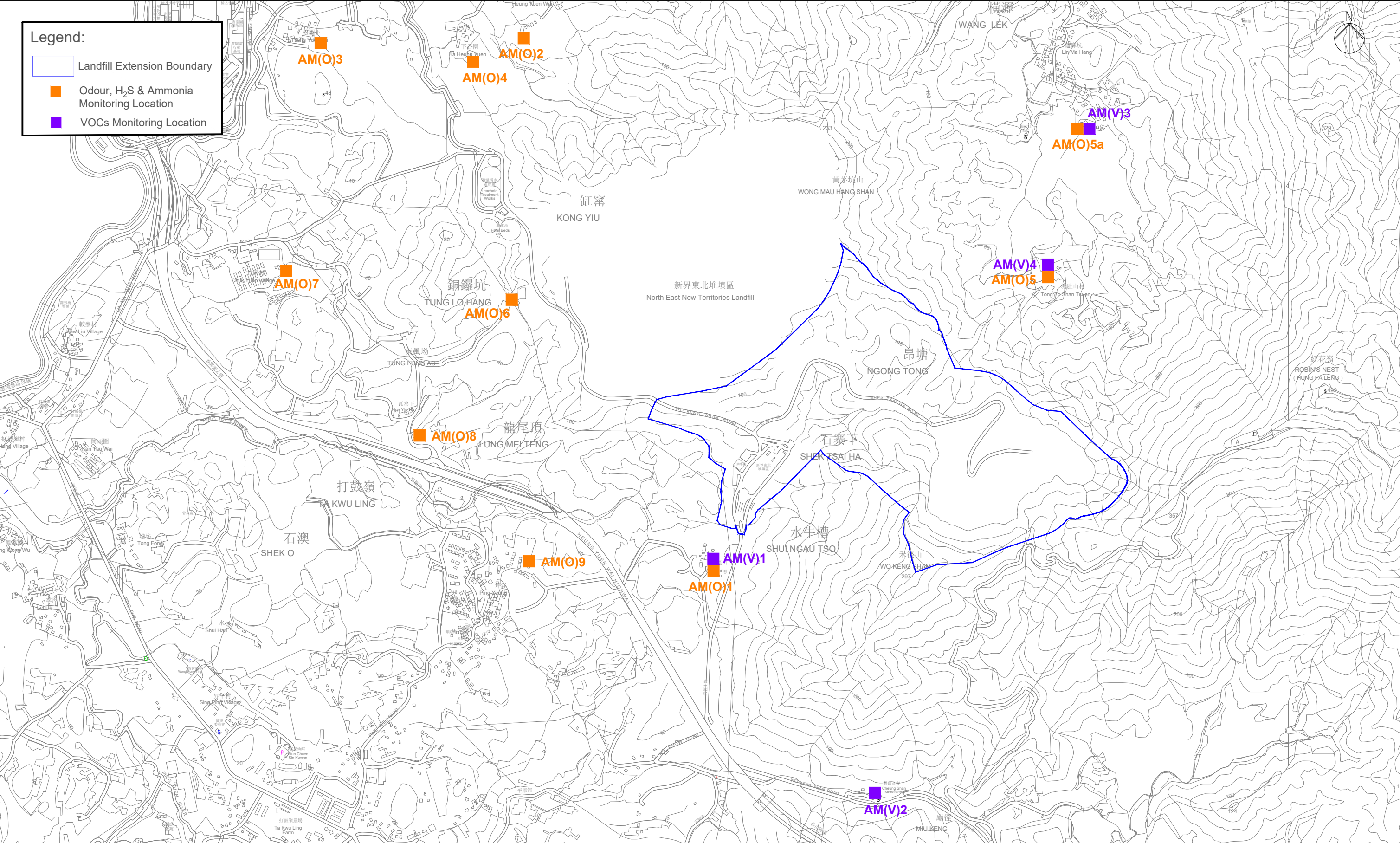
The Veolia logo, consisting of a red circular icon with a stylized white figure inside, followed by the word "VEOLIA" in red capital letters.

Contractor's Designer

wsp GOLDER

Drawing no.		NENTX-GOLD-DP-C-EM-020-104	
Scale		N.T.S.	
CADD Ref.		NENTX-GOLD-DP-C-EM-020-104.DWG	
Issue Status		Revision	
DESIGN_SUBMISSION		106	

Figure 2.2
Monitoring Locations (Outside Project Boundary) for
Baseline Monitoring (Operational Phase)



Appendix 2.1

Baseline Monitoring Schedule & Programme

Baseline Monitoring Schedule	
North East New Territories (NENT) Landfill Extension	

March 2025	
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Sun	Mon	Tue	Wed	Thur	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20 1. Groundwater at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32	21	22
23	24	25	26	27	28 1. Landfill Gas (Surface Gas) at E1, E3, E7, E8, E34 & E35 2. Landfill Gas (Monitoring Borehole) at CW-1, CW-3, CW-7, CW-8, CW-34 & CW-35 3. Groundwater at CW-1, CW-3, CW-7, CW-8, CW-34 & CW-35	29
30	31					

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
 (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
 (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
 (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
 (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
 (6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

Baseline Monitoring Schedule	
North East New Territories (NENT) Landfill Extension	

April 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
		1 1. Groundwater <i>at CW-9, CW-10, CW-11, CW-26 & CW-29</i>	2	3 1. Landfill Gas (Bulk samples) <i>at CW-1, CW-3, CW-7, CW-8, CW-34 & CW-35</i> 2. Odour <i>at all monitoring lcoations</i>	4	5
6	7 1. Odour <i>at all monitoring lcoations</i> 2. Ammonia <i>at AM(O)1 to AM(O)5, AM(O)5a, AM(O)6 & AM(O)8 to AM(O)9</i> 3. H ₂ S <i>at AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9</i>	8 1. Ambient VOCs <i>at all monitoring lcoations</i>	9	10 1. Landfill Gas (Bulk samples) <i>at CW-9, CW-10, CW-11, CW-18 & CW-29</i> 2. Groundwater <i>at CW-12, CW-18, CW-30 & CW-31</i> 3. Ammonia ⁽⁷⁾ <i>at AM(O)7</i>	11	12
13	14 1. Odour ⁽⁸⁾ <i>at all monitoring lcoations</i>	15 1. Landfill Gas (Surface Gas) <i>at E9 to E12, E26, E27 & E29</i> 2. Landfill Gas (Monitoring Borehole) <i>at CW-9 to CW-12, CW-26, CW-27 & CW-29</i> 3. Groundwater <i>at CW-4 & CW-19</i>	16	17 1. Odour <i>at all monitoring lcoations</i> 2. Landfill Gas (Bulk samples)	18	19
20	21	22	23 1. Odour <i>at all monitoring lcoations</i> 2. Landfill Gas (Bulk samples) <i>at CW-4, CW-12, CW-19, CW-26, CW-30 & CW-31</i>	24 1. Odour <i>at all monitoring lcoations</i> 2. Groundwater <i>at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32</i>	25 1. Landfill Gas (Surface Gas) <i>at E18, E19, E20, E30 & E31</i> 2. Landfill Gas (Monitoring Borehole) <i>at CW-18, CW-19, CW-20, CW-30 & CW-31</i> 3. Groundwater <i>at CW-20</i>	26
27	28 1. Groundwater <i>at CW-1, CW-3, CW-7, CW-8, CW-10, CW-34 & CW-35</i>	29 1. Odour <i>at all monitoring lcoations</i> 2. Landfill Gas (Surface Gas) <i>at E4, E28 & E32</i> 3. Landfill Gas (Monitoring Borehole) <i>at CW-4, CW-28 & CW-32</i> 4. Landfill Gas (Bulk samples) <i>at CW-20, CW-27, CW-28 & CW-32</i> 5. Groundwater <i>at CW-32</i>	30			

(1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)

(2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4

(3) Air Quality (10 Odour, Ammonia(NH_3) & Hydrogen Sulphide (H_2S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9

(4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35

(5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35

(6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

(7) Based on the damage of the sorbent tube, the ammonia sample at AM(O)2 was not collected completely on 7 Apr 2025, the related monitoring was changed to 10 Apr 2025.

(8) Due to the adverse weather occurred on 12 Apr 2025, the odour monitoring was changed to 14 Apr 2025.

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

May 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
				1	2	3 1. Odour at all monitoring lcoations
4	5	6	7	8	9 1. Odour at all monitoring lcoations	10
11	12 1. Groundwater at CW-17 to CW-21	13	14 1. Groundwater at CW-26, CW-29 to CW-31	15 1. Odour at all monitoring lcoations 2. Landfill Gas (Bulk samples) at CW-17 & CW-21	16 1. Landfill Gas (Surface Gas) at E7 to E13 & E29 2. Landfill Gas (Monitoring Borehole) at CW-7 to CW-13 & CW-29 3. Groundwater at CW-9, CW-11 to CW-13	17
18	19	20	21 1. Odour at all monitoring lcoations 2. Landfill Gas (Surface Gas) at E15 to E21 3. Landfill Gas (Monitoring Borehole) at CW-15 to CW-21	22 1. Odour at all monitoring lcoations 2. Groundwater at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32	23 1. Landfill Gas (Surface Gas) at E1 to E3, E5 to E6, E14, E24 to E27, E30, E31, E33 to E35 2. Landfill Gas (Monitoring Borehole) at CW-1 to CW-3, CW-5 to CW-6, CW-14, CW-24 to CW-27, CW-30, CW-31 & CW-33 to CW-35	24
25	26 1. Groundwater at CW-2, CW-4 to CW-6, CW-25 & CW-33	27 1. Odour at all monitoring lcoations 2. Landfill Gas (Bulk samples) at CW-2, CW-6 & CW-33	28	29 1. Groundwater at CW-8 & CW-35	30	31

Remarks:

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
(2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
(3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
(4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
(5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
(6) Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

June 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
1	2 1. Odour at all monitoring lcoations	3 1. Groundwater at CW-1 to CW-3 & CW-34	4 1. Groundwater at CW-18 to CW-21 & CW-29	5	6	7 1. Odour at all monitoring lcoations
8	9	10	11	12 1. Groundwater at CW-6, CW-7, CW-30 & CW-31 2. Landfill Gas (Surface Gas) at E6, E7, E30 to E32, E34 & E35 3. Landfill Gas (Monitoring Borehole) at CW-6, CW-7, CW-30 to CW-32, CW-34 & CW-35	13 1. Odour at all monitoring lcoations	14
15	16 1. Groundwater at CW-14 to CW-17 2. Landfill Gas (Surface Gas) at E14 to E22 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-22	17	18	19 1. Odour at all monitoring lcoations	20 1. Landfill Gas (Surface Gas) at E1 to E3, E8 to E10 & E29 2. Landfill Gas (Monitoring Borehole) at CW-1 to CW-3, CW-8 to CW-10 & CW-29 3. Groundwater at CW-9 & CW-10	21
22	23 1. Groundwater at CW-4, CW-11 to CW-13 2. Landfill Gas (Surface Gas) at E11 to E13 3. Landfill Gas (Monitoring Borehole) at CW-11 to CW-13	24 1. Groundwater at CW-22 to CW-26 & CW-28 2. Landfill Gas (Surface Gas) at E4, E5, E23 to E28 3. Landfill Gas (Monitoring Borehole) at CW-4, CW-5, CW-23 to CW-28 4. Landfill Gas (Bulk Sample) at CW-5, CW-14 to CW-16, CW-22 to CW-25	25 1. Odour at all monitoring lcoations 2. Groundwater at CW-5, CW-27 & CW-32 3. Landfill Gas (Bulk Sample) at CW-13	26 1. Odour at all monitoring lcoations 2. Groundwater at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32	27	28
29	30 1. Odour at all monitoring lcoations					

Remarks:
(1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
(2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
(3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
(4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
(5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
(6) Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

July 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
		1	2 1. Groundwater at CW-1 to CW-4, CW-34 & CW-35 2. Ammonia at AM(O)1, AM(O)6, AM(O)8 & AM(O)9 3. H ₂ S at AM(O)1, AM(O)6, AM(O)8 & AM(O)9	3 1. Groundwater at CW-6 to CW-10	4	5 1. Odour at all monitoring lcoations
6	7	8 1. Landfill Gas (Bulk Sample) at CW-1 to CW-4, CW-34 & CW-35	9	10	11 1. Odour at all monitoring lcoations	12
13	14 1. Groundwater at CW-14 to CW-21 2. Landfill Gas (Suface Gas) at E14 to E21 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21	15	16 1. Landfill Gas (Suface Gas) at E6 to E13, E22 to E28 2. Landfill Gas (Monitoring Borehole) at CW-6 to CW-13, CW-22 to CW-28	17 1. Odour at all monitoring lcoations 2. Ammonia at AM(O)2 to AM(O)4 & AM(O)7 3. H ₂ S at AM(O)2 to AM(O)5 & AM(O)7	18	19
20	21	22 1. Groundwater at CW-22, CW-23 & CW-30 to CW-33	23 1. Odour at all monitoring lcoations	24 1. Odour at all monitoring lcoations 2. Groundwater at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32	25 1. Groundwater at CW-28 2. Landfill Gas (Suface Gas) at E5, E29 to E32 3. Landfill Gas (Monitoring Borehole) at CW-5, CW-29 to CW-32	26
27	28	29 1. Ammonia at AM(O)5 & AM(O)5a 2. H ₂ S at AM(O)5 & AM(O)5a	30	31 1. Odour at all monitoring lcoations. 2. Ambient VOCs at AM(V)1 to AM(V)4 & EV1		

Remarks:

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
- (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
- (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Montoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
- (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
- (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
- (6) Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35
- (7) Due to the adverse weather on 29 Jul 2025, the odour monitoring & VOCs monitoring are rescheduled to 31 Jul 2025.

Baseline Monitoring Schedule North East New Territories (NENT) Landfill Extension	
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August 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
27	28	29	30	31	1	2
3	4 1. Odour at all monitoring lcoations	5	6	7	8 1. Groundwater at CW-1 to CW-4, CW-33 to CW-35	9 1. Odour at all monitoring lcoations
10	11	12	13	14	15 1. Odour at all monitoring lcoations 2. Groundwater at CW-6 to CW-13	16 1. Landfill Gas (Surface Gas) at E-1 to E-4, E-33 to E-35 2. Landfill Gas (Monitoring Borehole) at CW-1 to CW-4, CW-33 to CW-35
17	18	19 1. Landfill Gas (Surface Gas) at E-32 2. Landfill Gas (Monitoring Borehole) at CW-32	20	21 1. Odour at all monitoring lcoations 2. Groundwater at CW-5, CW-22, CW-25 to CW-28, CW-30 to CW-32 3. Landfill Gas (Surface Gas) at E22 to E28 4. Landfill Gas (Monitoring Borehole) at CW-22 to CW-28	22 1. Groundwater at CW-14 to CW-21 2. Landfill Gas (Surface Gas) at E14 to E21 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21	23 1. Landfill Gas (Surface Gas) at E5 to E13 2. Landfill Gas (Monitoring Borehole) at CW-5 to CW-13
24	25	26	27 1. Landfill Gas (Surface Gas) at E30 to E31 2. Landfill Gas (Monitoring Borehole) at CW-30 to CW-31 3. Odour at all monitoring lcoations	28	29 1. Groundwater at CW-2 to CW-4, CW-33 to CW-35	30

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
 (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
 (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
 (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
 (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
 (6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

September 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
31	1 1. Groundwater at CW-6 to CW-9, CW-30 & CW-32	2 1. Odour at all monitoring lcoations 2. Landfill Gas (Bulk Sample) at CW-6 to CW-9, CW-30, CW-32 & CW-33	3	4 1. Ambient VOCs at EV2, EV3 & EV4	5 1. Landfill Gas (Bulk Sample) at CW-14 to CW-21	6
7	8 1. Odour at all monitoring lcoations	9	10	11 1. Groundwater at CW-22, CW-25, CW-26 & CW-28	12	13 1. Odour at all monitoring lcoations
14	15	16 1. Groundwater at CW-14 to CW-21	17 1. Groundwater at CW-10 2. Landfill Gas (Surface Gas) at E22 to E28 3. Landfill Gas (Monitoring Borehole) at CW-22 to CW-28	18 1. Groundwater at CW-11 to CW-13	19 1. Odour at all monitoring lcoations 2. Groundwater at CW-5	20
21	22 1. Landfill Gas (Surface Gas) at E2 to E4, E6 to E9, E14 to E21, E30, E33 to E35 2. Landfill Gas (Monitoring Borehole) at CW-2 to CW-4, CW-6 to CW-9, CW-14 to CW-21, CW-30, CW- 33 to CW-35	23 1. Landfill Gas (Surface Gas) at E5, E10 to E13 2. Landfill Gas (Monitoring Borehole) at CW-5, CW-10 to CW-13 3. Landfill Gas (Bulk Sample) at CW-5, CW-10 to CW-13	24	25 1. Odour at all monitoring lcoations	26 1. Landfill Gas (Surface Gas) 2. Landfill Gas (Monitoring Borehole)	27
28	29	30 1. Odour at all monitoring lcoations	1	2	3	4

Remarks:

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
(2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
(3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
(4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
(5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
(6) Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

October 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
			1	2	3 1. Groundwater at CW-5 to CW-9 & CW-30	4
5	6 1. Odour at all monitoring lcoations	7	8 1. Groundwater at CW-3, CW-4, CW-18 to CW-21	9	10	11 1. Odour at all monitoring lcoations
12	13	14 1. Landfill Gas (Surface Gas) at E6 to E9, E14 to E21, E34 to E35 2. Landfill Gas (Monitoring Borehole) at CW-6 to CW-9, CW-14 to CW-21, CW-34 to CW-35	15	16	17 1. Odour at all monitoring lcoations 2. Landfill Gas (Surface Gas) at E2 to E5, E30 to E31, E33 3. Landfill Gas (Monitoring Borehole) at CW-2 to CW-5, CW-30 to CW-31, CW-33	18
19	20 1. Groundwater at CW-14 to CW-17	21 1. Landfill Gas (Surface Gas) at E22, E24 to E27 2. Landfill Gas (Monitoring Borehole) at CW-22, CW-24 to CW-27 3. Groundwater at CW-22, CW-25 & CW-26	22	23 1. Odour at all monitoring lcoations	24 1. Landfill Gas (Surface Gas) at E10 to E13 2. Landfill Gas (Monitoring Borehole) at CW-10 to CW-13 3. Groundwater at CW-10 to CW-13, CW-31	25
26	27 1. Groundwater at CW-1, CW-2, CW-32 to CW-35 2. Landfill Gas (Surface Gas) at E1 3. Landfill Gas (Monitoring Borehole) at CW-1	28	29 1. Odour at all monitoring lcoations	30	31 1. Groundwater at CW-14 to CW-21 2. Landfill Gas (Surface Gas) at E14 to E21 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21	1

Remarks:

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
- (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
- (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
- (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
- (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
- (6) Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35

Baseline Monitoring Schedule	
North East New Territories (NENT) Landfill Extension	

December 2025

Sun	Mon	Tue	Wed	Thur	Fri	Sat
	1 1. Odour at all monitoring lcoations	2 1. Groundwater at CW-1 to CW-4, CW-32, CW-33 & CW-35 2. Landfill Gas (Surface Gas) at E1 to E4, E32, E33 & E35 3. Landfill Gas (Monitoring Borehole) at CW-1 to CW-4, CW-32, CW-33 & CW-35	3	4	5	6 1. Odour at all monitoring lcoations
7	8	9	10	11	12 1. Odour at all monitoring lcoations	13
14	15	16 1. Groundwater at CW-14 to CW-21 2. Landfill Gas (Surface Gas) at E14 to E21 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21	17	18 1. Odour at all monitoring lcoations 2. Groundwater at CW-22 to CW-28 3. Landfill Gas (Surface Gas) at E22 to E28 4. Landfill Gas (Monitoring Borehole) at CW-22 to CW-28	19 1. Groundwater at CW-10 to CW-13, CW-29 & CW-31 2. Landfill Gas (Surface Gas) at E10 to E13, E29 & E31 3. Landfill Gas (Monitoring Borehole) at CW-10 to CW-13, CW-29 & CW-31	20
21	22	23	24 1. Odour at all monitoring lcoations 2. Landfill Gas (Bulk samples) at CW-23 & CW-32	25	26	27
28	29	30 1. Odour at all monitoring lcoations	31	1	2	3

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
 (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
 (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
 (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
 (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
 (6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

Baseline Monitoring Schedule
North East New Territories (NENT) Landfill Extension

January 2026

Sun	Mon	Tue	Wed	Thur	Fri	Sat
				1	2	3
4	5 1. Odour at all monitoring lcoations	6	7 1. Groundwater at CW-1 to CW-4, CW-29 & CW-35 2. Landfill Gas (Surface Gas) at E1 to E4, E29 & E35 3. Landfill Gas (Monitoring Borehole) at CW-1 to CW-4, CW-29 & CW-35	8	9 1. Odour at all monitoring lcoations	10
11	12 1. Groundwater at CW-5 to CW-9 & CW-31 2. Landfill Gas (Surface Gas) at E5 to E9 & E31 3. Landfill Gas (Monitoring Borehole) at CW-5 to CW-9 & CW-31	13	14	15 1. Odour at all monitoring lcoations	16 1. Groundwater at CW-14 to CW-21 2. Landfill Gas (Surface Gas) at E14 to E21 3. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21 4. Landfill Gas (Bulk Gas) at CW-14 to CW-21	17
18	19 1. Groundwater at CW-10 to CW-13 2. Landfill Gas (Surface Gas) at E10 to E13 3. Landfill Gas (Monitoring Borehole) at CW-10 to CW-13 4. Landfill Gas (Bulk Gas) at CW-9 to CW-13	20 1. Groundwater at CW-22 to CW-28 2. Landfill Gas (Surface Gas) at E22 to E28 3. Landfill Gas (Monitoring Borehole) at CW-22 to CW-28 4. Landfill Gas (Bulk Gas) at CW-22 to CW-28	21 1. Odour at all monitoring lcoations	22	23	24
25	26	27 1. Odour at all monitoring lcoations 2. Landfill Gas (Bulk Gas) at CW-30 & CW-33 to CW-34 3. Groundwater at CW-30 & CW-33 to CW-34	28	29	30	31

Remarks:

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
(2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
(3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
(4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
(5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
(6) Water Quality (35 Groundwater Monitoring Lcoations) - CW-1 to CW-35

Baseline Monitoring Schedule	
North East New Territories (NENT) Landfill Extension	

February 2026

Sun	Mon	Tue	Wed	Thur	Fri	Sat
1	2 1. Odour at all monitoring lcoations	3	4 1. Groundwater at CW-1 to CW-4 & CW-33 to CW-35 2. Landfill Gas (Surface Gas) at E1 to E4 & E33 to E35 3. Landfill Gas (Monitoring Borehole) at CW-1 to CW-4 & CW-33 to CW-35	5 1. Groundwater at CW-5 to CW-8 2. Landfill Gas (Surface Gas) at E5 to E8 3. Landfill Gas (Monitoring Borehole) at CW-5 to CW-8	6	7 1. Odour at all monitoring lcoations
8	9	10 1. Ambient VOCs at all monitoring lcoations	11	12	13 1. Odour at all monitoring lcoations 2. Groundwater at CW-9 & CW-29 to CW-31 3. Landfill Gas (Surface Gas) at E9, E29 to E31 4. Landfill Gas (Monitoring Borehole) at CW-9, CW-29 to CW-31	14 1. Odour at all monitoring lcoations
15	16	17	18	19	20 1. Odour at all monitoring lcoations 2. Groundwater at CW-14 to CW-21 3. Landfill Gas (Surface Gas) at E14 to E21 4. Landfill Gas (Monitoring Borehole) at CW-14 to CW-21	21
22	23	24 1. Odour at all monitoring lcoations 2. Groundwater at CW-10 to CW-13 3. Landfill Gas (Surface Gas) at E10 to E13 4. Landfill Gas (Monitoring Borehole) at CW-10 to CW-13	25	26 1. Groundwater at CW-22 to CW-28 2. Landfill Gas (Bulk Gas) at CW-1 to CW-8, CW-29, CW-31 & CW-35 3. Landfill Gas (Surface Gas) at E22 to E28 4. Landfill Gas (Monitoring Borehole) at CW-22 to CW-28	27	28

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
 (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
 (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
 (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
 (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
 (6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

Baseline Monitoring Schedule North East New Territories (NENT) Landfill Extension	
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March 2026

Sun 1	Mon 2 1. Odour at all monitoring lcoations	Tue 3 1. Groundwater at CW-1 to CW-4, CW-34 & CW-35 2. Landfill Gas (Surface Gas) at E1 to E4, E34 & E35 3. Landfill Gas (Monitoring Borehole) at CW-1 to CW-4, CW-34 & CW-35	Wed 4	Thur 5	Fri 6 1. Groundwater at CW-5 to CW-9 & CW-32 2. Landfill Gas (Surface Gas) at E5 to E9 & E32 3. Landfill Gas (Monitoring Borehole) at CW-5 to CW-9 & CW-32	Sat 7 1. Odour at all monitoring lcoations
8	9	10	11	12	13 1. Odour at all monitoring lcoations	14
15	16	17 1. Groundwater at CW-19 to CW-21, CW-29 to CW-31 & CW-33 2. Landfill Gas (Surface Gas) at E19 to E21, E29 to E31 & E33 3. Landfill Gas (Monitoring Borehole) at CW-19 to CW-21, CW-29 to CW-31 & CW-33	18 1. Ammonia & H ₂ S at AM(O)2 to AM(O)5, AM(O)5a & AM(O)7	19 1. Odour at all monitoring lcoations 2. Ammonia & H ₂ S at AM(O)1, AM(O)6, AM(O)8 & AM(O)9	20	21
22	23	24 1. Groundwater at CW-10 to CW-17 2. Landfill Gas (Surface Gas) at E10 to E17 3. Landfill Gas (Monitoring Borehole) at CW-10 to CW-17	25 1. Odour at all monitoring lcoations 2. Groundwater at CW-18, CW-22 to CW-28 3. Landfill Gas (Surface Gas) at E18, E22 to E28 4. Landfill Gas (Monitoring Borehole) at CW-18, CW-22 to CW-28	26	27	28
29	30	31	1	2	3	4

- (1) The schedule may be changed due to unforeseen circumstances (e.g. adverse weather, etc.)
 (2) Air Quality & Landfill Gas (8 Ambient VOCs Monitoring Locations) - EV1 to EV4 & AM(V)1 to AM(V)4
 (3) Air Quality (10 Odour, Ammonia(NH₃) & Hydrogen Sulphide (H₂S) Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9
 (4) Landfill Gas (35 Surface Gas Monitoring Locations) - E1 to E35
 (5) Landfill Gas (35 Monitoring Boreholes) - CW-1 to CW-35
 (6) Water Quality (35 Groundwater Monitoring Locations) - CW-1 to CW-35

Baseline Monitoring Programme

Air Quality & Landfill Gas Monitoring (8 Ambient VOCs Monitoring Locations - EV1 to EV4 & AM(V)1 to AM(V)4) (Frequency: Quarterly)

Monitoring Lcoations	First Quarter (28 Mar to 27 Jun 2025)	Second Quarter (28 Jun to 27 Sep 2025)		Third Quarter (28 Sep to 27 Dec 2025)	Fourth Quarter (28 Dec 2025 to 27 Mar 2026)
	Monitoring Date	Monitoring Date		Monitoring Date	Monitoring Date
	08-Apr-25	31-Jul-25	04-Sep-25	18-Nov-25	10-Feb-26
EV1	Done	Done		Done	Done
EV2	Done		Done	Done	Done
EV3	Done		Done	Done	Done
EV4	Done		Done	Done	Done
AM(V)1	Done	Done		Done	Done
AM(V)2	Done	Done		Done	Done
AM(V)3	Done	Done		Done	Done
AM(V)4	Done	Done		Done	Done

Air Quality Monitoring (10 Ammonia(NH3) & H2S Montoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9 (Frequency: Quarterly)

Monitoring Lcoations	First Quarter (28 Mar to 27 Jun 2025)		Second Quarter (28 Jun to 27 Sep 2025)			Third Quarter (28 Sep to 27 Dec 2025)		Fourth Quarter (28 Dec 2025 to 27 Mar 2026)	
	Monitoring Date		Monitoring Date			Monitoring Date		Monitoring Date	
	08-Apr-25	10-Apr-25	02-Jul-25	17-Jul-25	29-Jul-25	04-Nov-25	07-Nov-25	18-Mar-26	19-Mar-26
AM(O)1	All Done		All Done			All Done			All Done
AM(O)2	All Done			All Done			All Done	All Done	
AM(O)3	All Done			All Done		All Done		All Done	
AM(O)4	All Done			All Done			All Done	All Done	
AM(O)5	All Done				All Done	All Done		All Done	
AM(O)5a	All Done				All Done	All Done		All Done	
AM(O)6	All Done		All Done				All Done		All Done
AM(O)7	H2S Done	NH3 Done		All Done		All Done		All Done	
AM(O)8	All Done		All Done				All Done		All Done
AM(O)9	All Done		All Done			All Done			All Done

Baseline Monitoring Programme

Air Quality Monitoring (10 Odour Monitoring Locations) - AM(O)1 to AM(O)5, AM(O)5a & AM(O)6 to AM(O)9 (Frequency: 6 Days)

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Baseline Monitoring Programme

Landfill Gas Bulk Sample (35 Monitoring Boreholes Monitoring Locations) - CW-1 to CW-35 (Frequency: Quarterly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	First Quarter (28 Mar to 27 Jun 2025)								Second Quarter (28 Jun to 27 Sep 2025)				
				Monitoring Date								Monitoring Date				
				03-Apr-25	10-Apr-25	23-Apr-25	29-Apr-25	15-May-25	27-May-25	24-Jun-25	25-Jun-25	08-Jul-25	02-Sep-25	05-Sep-25	17-Sep-25	23-Sep-25
CW-1	4	Y	28 Dec 2025 to 27 Mar 2026	Done								Done	Damage of Borehole			
CW-2	4	Y	28 Dec 2025 to 27 Mar 2026						Done			Done				
CW-3	4	Y	28 Dec 2025 to 27 Mar 2026	Done								Done				
CW-4	4	Y	28 Dec 2025 to 27 Mar 2026			Done						Done				
CW-5	4	Y	28 Dec 2025 to 27 Mar 2026	No Safety Access for Monitoring						Done						Done
CW-6	4	Y	28 Dec 2025 to 27 Mar 2026	No Safety Access for Monitoring						Done			Done			
CW-7	4	Y	28 Dec 2025 to 27 Mar 2026	Done									Done			
CW-8	4	Y	28 Dec 2025 to 27 Mar 2026	Done									Done			
CW-9	4	Y	28 Dec 2025 to 27 Mar 2026		Done								Done			
CW-10	4	Y	28 Dec 2025 to 27 Mar 2026		Done											Done
CW-11	4	Y	28 Dec 2025 to 27 Mar 2026		Done											Done
CW-12	4	Y	28 Dec 2025 to 27 Mar 2026			Done										Done
CW-13	4	Y	28 Dec 2025 to 27 Mar 2026								Done					Done
CW-14	4	Y	28 Dec 2025 to 27 Mar 2026	No Completion of BH						Done				Done		
CW-15	4	Y	28 Dec 2025 to 27 Mar 2026	No Completion of BH						Done				Done		
CW-16	4	Y	28 Dec 2025 to 27 Mar 2026							Done				Done		
CW-17	4	Y	28 Dec 2025 to 27 Mar 2026					Done						Done		
CW-18	4	Y	28 Dec 2025 to 27 Mar 2026		Done									Done		
CW-19	3		28 Dec 2025 to 27 Mar 2026			Done								Done		
CW-20	3		28 Dec 2025 to 27 Mar 2026				Done							Done		
CW-21	3		28 Dec 2025 to 27 Mar 2026	No Completion of BH				Done						Done		
CW-22	4	Y	28 Dec 2025 to 27 Mar 2026	No Completion of BH						Done					Done	
CW-23	3		28 Jun 2025 to 27 Sep 2026	No Completion of BH						Done		No Safety Access for Monitoring				
CW-24	3		28 Dec 2025 to 27 Mar 2026	No Safety Access for Monitoring						Done		Damage of Borehole				
CW-25	4	Y	28 Dec 2025 to 27 Mar 2026	No Safety Access for Monitoring						Done					Done	
CW-26	4	Y	28 Dec 2025 to 27 Mar 2026			Done									Done	
CW-27	3		28 Mar 2025 to 27 Jun 2026					Done							Done	
CW-28	3		28 Mar 2025 to 27 Jun 2026					Done							Done	
CW-29	3		28 Mar 2025 to 27 Jul 2026		Done							Damage of Borehole				
CW-30	4	Y	28 Dec 2025 to 27 Mar 2026			Done						Done				
CW-31	3		28 Mar 2026 to 27 Jun 2026			Done						No Safety Access Road for Monitoring				
CW-32	3		28 Dec 2025 to 27 Mar 2026				Done					Done			Damage of Borehole	
CW-33	4	Y	28 Dec 2025 to 27 Mar 2026 or later						Done			Done				
CW-34	3		28 Mar 2025 to 27 Jun 2026 or later	Done								Done				
CW-35	4	Y	28 Dec 2025 to 27 Mar 2026	Done								Done				

- Remarks:
1. Text with Orange Highlight equals baseline monitoring at the related location was delayed based on the damage to the borehole, and there was no safety access for monitoring. The problem had been fixed by the Contractor.
 2. Text with Yellow Highlight equals baseline monitoring at the related location is delayed based on the damage to the borehole, and there was no safety access for monitoring.

Baseline Monitoring Programme

Landfill Gas Bulk Sample (35 Monitoring Boreholes Monitoring Locations) - CW-1 to CW-35 (Frequency: Quarterly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Third Quarter (28 Sep to 27 Dec 2025)						Fourth Quarter (28 Dec 2025 to 27 Mar 2026)						
				Monitoring Date						Monitoring Date						
				04-Nov-25	07-Nov-25	13-Nov-25	17-Nov-25	19-Nov-25	24-Dec-25	16-Jan-26	19-Jan-26	20-Jan-26	27-Jan-26	26-Feb-26		
CW-1	4	Y	28 Dec 2025 to 27 Mar 2026	Done		Done									Done	
CW-2	4	Y	28 Dec 2025 to 27 Mar 2026	Done											Done	
CW-3	4	Y	28 Dec 2025 to 27 Mar 2026	Done											Done	
CW-4	4	Y	28 Dec 2025 to 27 Mar 2026												Done	Done
CW-5	4	Y	28 Dec 2025 to 27 Mar 2026												Done	Done
CW-6	4	Y	28 Dec 2025 to 27 Mar 2026												Done	Done
CW-7	4	Y	28 Dec 2025 to 27 Mar 2026												Done	Done
CW-8	4	Y	28 Dec 2025 to 27 Mar 2026												Done	Done
CW-9	4	Y	28 Dec 2025 to 27 Mar 2026												Done	
CW-10	4	Y	28 Dec 2025 to 27 Mar 2026				Done				Done	Done				
CW-11	4	Y	28 Dec 2025 to 27 Mar 2026				Done				Done	Done				
CW-12	4	Y	28 Dec 2025 to 27 Mar 2026				Done				Done	Done				
CW-13	4	Y	28 Dec 2025 to 27 Mar 2026				Done				Done	Done				
CW-14	4	Y	28 Dec 2025 to 27 Mar 2026			Done					Done	Done				
CW-15	4	Y	28 Dec 2025 to 27 Mar 2026			Done					Done	Done				
CW-16	4	Y	28 Dec 2025 to 27 Mar 2026			Done					Done	Done				
CW-17	4	Y	28 Dec 2025 to 27 Mar 2026			Done					Done	Done				
CW-18	4	Y	28 Dec 2025 to 27 Mar 2026			Done					Done	Done				
CW-19	3		28 Dec 2025 to 27 Mar 2026			Done										
CW-20	3		28 Dec 2025 to 27 Mar 2026			Done										
CW-21	3		28 Dec 2025 to 27 Mar 2026			Done										
CW-22	4	Y	28 Dec 2025 to 27 Mar 2026				Done					Done				
CW-23	3		28 Jun 2025 to 27 Sep 2026	No Safety Access for Monitoring					Done			Done	Done			
CW-24	3		28 Dec 2025 to 27 Mar 2026				Done					Done	Done			
CW-25	4	Y	28 Dec 2025 to 27 Mar 2026				Done					Done	Done			
CW-26	4	Y	28 Dec 2025 to 27 Mar 2026				Done					Done	Done			
CW-27	3		28 Mar 2025 to 27 Jun 2026									Done	Done			
CW-28	3		28 Mar 2025 to 27 Jun 2026									Done	Done			
CW-29	3		28 Mar 2025 to 27 Jul 2026	Done										Done		
CW-30	4	Y	28 Dec 2025 to 27 Mar 2026	Done									Done			
CW-31	3		28 Mar 2026 to 27 Jun 2026	Done										Done		
CW-32	3		28 Dec 2025 to 27 Mar 2026						Done		Damage of Borehole					
CW-33	4	Y	28 Dec 2025 to 27 Mar 2026 or later		Done								Done			
CW-34	3		28 Mar 2025 to 27 Jun 2026 or later						No Safety Access for Monitoring				Done			
CW-35	4	Y	28 Dec 2025 to 27 Mar 2026	Done										Done		

Remarks:

1. Text with Orange Highlight equals baseline monitoring at the related location was delay

2. Text with Yellow Highlight equals baseline monitoring at the related location is delayed

Baseline Monitoring Programme

Landfill Gas Bulk Sample (35 Monitoring Boreholes Monitoring Locations) - CW-1 to CW-35 (Frequency: Quarterly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Fifth Quarter (28 Apr 2025 to 27 Jun 2026)	
				Monitoring Date	
				To Be Conduct	
CW-1	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-2	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-3	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-4	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-5	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-6	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-7	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-8	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-9	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-10	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-11	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-12	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-13	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-14	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-15	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-16	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-17	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-18	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-19	3		28 Dec 2025 to 27 Mar 2026	To Be Conduct	
CW-20	3		28 Dec 2025 to 27 Mar 2026	To Be Conduct	
CW-21	3		28 Dec 2025 to 27 Mar 2026	To Be Conduct	
CW-22	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-23	3		28 Jun 2025 to 27 Sep 2026	To Be Conduct	
CW-24	3		28 Dec 2025 to 27 Mar 2026	To Be Conduct	
CW-25	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-26	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-27	3		28 Mar 2025 to 27 Jun 2026	To Be Conduct	
CW-28	3		28 Mar 2025 to 27 Jun 2026	To Be Conduct	
CW-29	3		28 Mar 2025 to 27 Jul 2026	To Be Conduct	
CW-30	4	Y	28 Dec 2025 to 27 Mar 2026		
CW-31	3		28 Mar 2026 to 27 Jun 2026	To Be Conduct	
CW-32	3		28 Dec 2025 to 27 Mar 2026	To Be Conduct	
CW-33	4	Y	28 Dec 2025 to 27 Mar 2026 or later		
CW-34	3		28 Mar 2025 to 27 Jun 2026 or later	To Be Conduct	
CW-35	4	Y	28 Dec 2025 to 27 Mar 2026		
Remarks:				11	

1. Text with Orange Highlight equals baseline monitoring at the related location was delay
2. Text with Yellow Highlight equals baseline monitoring at the related location is delayed

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period	First Month (28 Mar to 27 Apr 2025)			Second Month (28 Apr to 27 May 2025)				Third Month (28 May to 27 Jun 2025)				
					Monitoring Date			Monitoring Date				Monitoring Date				
					28-Mar-25	15-Apr-25	25-Apr-25	29-Apr-25	16-May-25	21-May-25	23-May-25	12-Jun-25	17-Jun-25	20-Jun-25	23-Jun-25	24-Jun-25
E1	CW-1	11		28 Mar to 27 Apr 2026	Done						Done			Done		
E2	CW-2	11		28 Mar to 27 Apr 2026	No Completion of BH						Done			Done		
E3	CW-3	12	Y	28 Feb to 27 Mar 2026	Done						Done			Done		
E4	CW-4	11		28 Mar to 27 Apr 2026	No Completion of BH			Done								Done
E5	CW-5	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring			No Safety Ac			Done					Done
E6	CW-6	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring			No Safety Ac			Done	Done				
E7	CW-7	12	Y	28 Feb to 27 Mar 2026	Done				Done			Done				
E8	CW-8	12	Y	28 Feb to 27 Mar 2026	Done				Done					Done		
E9	CW-9	12	Y	28 Feb to 27 Mar 2026		Done			Done					Done		
E10	CW-10	12	Y	28 Feb to 27 Mar 2026		Done			Done					Done		
E11	CW-11	12	Y	28 Feb to 27 Mar 2026		Done			Done						Done	
E12	CW-12	12	Y	28 Feb to 27 Mar 2026		Done			Done						Done	
E13	CW-13	11		28 Mar to 27 Apr 2026	No Completion of BH						Done				Done	
E14	CW-14	11		28 Mar to 27 Apr 2026	No Completion of BH			No Completion of BH			Done		Done			
E15	CW-15	11		28 Mar to 27 Apr 2026	No Completion of BH			Completion of		Done			Done			
E16	CW-16	11		28 Mar to 27 Apr 2026	No Completion of BH					Done			Done			
E17	CW-17	11		28 Mar to 27 Apr 2026	No Completion of BH					Done			Done			
E18	CW-18	12	Y	28 Feb to 27 Mar 2026			Done			Done			Done			
E19	CW-19	12	Y	28 Feb to 27 Mar 2026			Done			Done			Done			
E20	CW-20	12	Y	28 Feb to 27 Mar 2026			Done			Done			Done			
E21	CW-21	11		28 Mar to 27 Apr 2026	No Completion of BH			Completion of		Done			Done			
E22	CW-22	10		28 Apr to 27 May 2026	No Completion of BH			No Completion of BH					Done			
E23	CW-23	7		28 Jul to 27 Aug 2026	No Completion of BH			No Completion of BH								Done
E24	CW-24	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring			Access for M			Done					Done
E25	CW-25	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring			Access for M			Done					Done
E26	CW-26	12	Y	28 Feb to 27 Mar 2026		Done					Done					Done
E27	CW-27	12	Y	28 Feb to 27 Mar 2026		Done					Done					Done
E28	CW-28	10		28 Mar to 27 Apr 2026	No Completion of BH			Done								Done
E29	CW-29	9		28 May to 27 Jun 2026		Done			Done				Done			
E30	CW-30	12	Y	28 Feb to 27 Mar 2026			Done				Done	Done				
E31	CW-31	11		28 Mar to 27 Apr 2026			Done				Done	Done				
E32	CW-32	7		28 Jul to 27 Aug 2026 or later	No Completion of BH			Done				Done				
E33	CW-33	10		28 Apr to 27 May 2026 or later	No Completion of BH			Completion of			Done				Damage of Borehole	
E34	CW-34	11		28 Mar to 27 Apr 2026 or later	Done						Done	Done				
E35	CW-35	12	Y	28 Feb to 27 Mar 2026	Done						Done	Done				

- Remarks:
1. Text with Orange Highlight equals baseline monitoring at the related location was delayed based on the damage to the borehole, and there was no safety access for monitoring. The problem had been fixed by the Contractor.
 2. Text with Yellow Highlight equals baseline monitoring at the related location is delayed based on the damage to the borehole, and there was no safety access for monitoring.

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period	Fouth Month (28 Jun to 27 Jul 2025)				Fifth Month (28 Jul to 27 Aug 2025)						Sixth Month (28 Aug to 27 Sep 2025)		
					Monitoring Date				Monitoring Date						Monitoring Date		
					14-Jul-25	16-Jul-25	24-Jul-25	25-Jul-25	16-Aug-25	19-Aug-25	21-Aug-25	22-Aug-25	23-Aug-25	28-Aug-25	17-Sep-25	22-Sep-25	
E1	CW-1	11		28 Mar to 27 Apr 2026			Done		Done						Damage of Borehole		
E2	CW-2	11		28 Mar to 27 Apr 2026			Done		Done							Done	
E3	CW-3	12	Y	28 Feb to 27 Mar 2026			Done		Done							Done	
E4	CW-4	11		28 Mar to 27 Apr 2026			Done		Done							Done	
E5	CW-5	11		28 Mar to 27 Apr 2026					Done							Done	
E6	CW-6	11		28 Mar to 27 Apr 2026			Done						Done				Done
E7	CW-7	12	Y	28 Feb to 27 Mar 2026			Done						Done				Done
E8	CW-8	12	Y	28 Feb to 27 Mar 2026			Done						Done				Done
E9	CW-9	12	Y	28 Feb to 27 Mar 2026			Done						Done				Done
E10	CW-10	12	Y	28 Feb to 27 Mar 2026			Done						Done				
E11	CW-11	12	Y	28 Feb to 27 Mar 2026			Done						Done				
E12	CW-12	12	Y	28 Feb to 27 Mar 2026			Done						Done				
E13	CW-13	11		28 Mar to 27 Apr 2026			Done								Done		
E14	CW-14	11		28 Mar to 27 Apr 2026	Done							Done			Done		
E15	CW-15	11		28 Mar to 27 Apr 2026	Done										Done		Done
E16	CW-16	11		28 Mar to 27 Apr 2026	Done										Done		Done
E17	CW-17	11		28 Mar to 27 Apr 2026	Done										Done		Done
E18	CW-18	12	Y	28 Feb to 27 Mar 2026	Done										Done		Done
E19	CW-19	12	Y	28 Feb to 27 Mar 2026	Done										Done		Done
E20	CW-20	12	Y	28 Feb to 27 Mar 2026	Done										Done		Done
E21	CW-21	11		28 Mar to 27 Apr 2026	Done										Done		Done
E22	CW-22	10		28 Apr to 27 May 2026		Done			Done			Done			Done		
E23	CW-23	7		28 Jul to 27 Aug 2026		Done			No Safety Access Road for Monitoring			Done					
E24	CW-24	11		28 Mar to 27 Apr 2026		Done			Done						Done		
E25	CW-25	11		28 Mar to 27 Apr 2026		Done			Done						Done		
E26	CW-26	12	Y	28 Feb to 27 Mar 2026		Done			Done						Done		
E27	CW-27	12	Y	28 Feb to 27 Mar 2026		Done			Done						Done		
E28	CW-28	10		28 Mar to 27 Apr 2026		Done			Done						Done		
E29	CW-29	9		28 May to 27 Jun 2026	Damage of Borehole			Done	Damage of Borehole			Damage of Borehole					
E30	CW-30	12	Y	28 Feb to 27 Mar 2026			Done		Damage of Borehole				Done				
E31	CW-31	11		28 Mar to 27 Apr 2026			Done		Done		Done						
E32	CW-32	7		28 Jul to 27 Aug 2026 or later			Done		Done		Done						
E33	CW-33	10		28 Apr to 27 May 2026 or later	Damage of Borehole		Done		Done	Damage of Borehole Cover			Done				
E34	CW-34	11		28 Mar to 27 Apr 2026 or later			Done		Done				Done				
E35	CW-35	12	Y	28 Feb to 27 Mar 2026			Done		Done				Done				

- Remarks:
1. Text with Orange Highlight equals baseline monitoring at the related location was c
 2. Text with Yellow Highlight equals baseline monitoring at the related location is dela

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period ²⁵⁾	
					23-Sep-25
E1	CW-1	11		28 Mar to 27 Apr 2026	e
E2	CW-2	11		28 Mar to 27 Apr 2026	
E3	CW-3	12	Y	28 Feb to 27 Mar 2026	
E4	CW-4	11		28 Mar to 27 Apr 2026	
E5	CW-5	11		28 Mar to 27 Apr 2026	
E6	CW-6	11		28 Mar to 27 Apr 2026	Done
E7	CW-7	12	Y	28 Feb to 27 Mar 2026	
E8	CW-8	12	Y	28 Feb to 27 Mar 2026	
E9	CW-9	12	Y	28 Feb to 27 Mar 2026	
E10	CW-10	12	Y	28 Feb to 27 Mar 2026	
E11	CW-11	12	Y	28 Feb to 27 Mar 2026	Done
E12	CW-12	12	Y	28 Feb to 27 Mar 2026	Done
E13	CW-13	11		28 Mar to 27 Apr 2026	Done
E14	CW-14	11		28 Mar to 27 Apr 2026	
E15	CW-15	11		28 Mar to 27 Apr 2026	
E16	CW-16	11		28 Mar to 27 Apr 2026	
E17	CW-17	11		28 Mar to 27 Apr 2026	
E18	CW-18	12	Y	28 Feb to 27 Mar 2026	
E19	CW-19	12	Y	28 Feb to 27 Mar 2026	
E20	CW-20	12	Y	28 Feb to 27 Mar 2026	
E21	CW-21	11		28 Mar to 27 Apr 2026	
E22	CW-22	10		28 Apr to 27 May 2026	
E23	CW-23	7		28 Jul to 27 Aug 2026	
E24	CW-24	11		28 Mar to 27 Apr 2026	
E25	CW-25	11		28 Mar to 27 Apr 2026	
E26	CW-26	12	Y	28 Feb to 27 Mar 2026	
E27	CW-27	12	Y	28 Feb to 27 Mar 2026	
E28	CW-28	10		28 Mar to 27 Apr 2026	
E29	CW-29	9		28 May to 27 Jun 2026	e
E30	CW-30	12	Y	28 Feb to 27 Mar 2026	
E31	CW-31	11		28 Mar to 27 Apr 2026	Monitoring
E32	CW-32	7		28 Jul to 27 Aug 2026 or later	Damage of Borehole
E33	CW-33	10		28 Apr to 27 May 2026 or later	
E34	CW-34	11		28 Mar to 27 Apr 2026 or later	
E35	CW-35	12	Y	28 Feb to 27 Mar 2026	

- Remarks:
- 1. Text with Orange Highlight equals baseline monitoring at the related location was c
 - 2. Text with Yellow Highlight equals baseline monitoring at the related location is dela

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period	Seventh Month (28 Sep to 27 Oct 2025)					Eighth Month (28 Oct to 27 Nov 2025)					
					Monitoring Date					Monitoring Date					
					14-Oct-25	17-Oct-25	21-Oct-25	24-Oct-25	27-Oct-25	31-Oct-25	05-Nov-25	11-Nov-25	17-Nov-25	25-Nov-25	
E1	CW-1	11		28 Mar to 27 Apr 2026	Damage of Borehole		Safety Area for Monito		Done		Done				
E2	CW-2	11		28 Mar to 27 Apr 2026		Done					Done				
E3	CW-3	12	Y	28 Feb to 27 Mar 2026		Done					Done				
E4	CW-4	11		28 Mar to 27 Apr 2026		Done							Done		
E5	CW-5	11		28 Mar to 27 Apr 2026		Done							Done		
E6	CW-6	11		28 Mar to 27 Apr 2026	Done								Done		
E7	CW-7	12	Y	28 Feb to 27 Mar 2026	Done								Done		
E8	CW-8	12	Y	28 Feb to 27 Mar 2026	Done								Done		
E9	CW-9	12	Y	28 Feb to 27 Mar 2026	Done								Done		
E10	CW-10	12	Y	28 Feb to 27 Mar 2026					Done				Done		
E11	CW-11	12	Y	28 Feb to 27 Mar 2026					Done				Done		
E12	CW-12	12	Y	28 Feb to 27 Mar 2026					Done				Done		
E13	CW-13	11		28 Mar to 27 Apr 2026					Done				Done		
E14	CW-14	11		28 Mar to 27 Apr 2026	Done					Done					
E15	CW-15	11		28 Mar to 27 Apr 2026	Done					Done					
E16	CW-16	11		28 Mar to 27 Apr 2026	Done					Done					
E17	CW-17	11		28 Mar to 27 Apr 2026	Done					Done					
E18	CW-18	12	Y	28 Feb to 27 Mar 2026	Done					Done					
E19	CW-19	12	Y	28 Feb to 27 Mar 2026	Done					Done					
E20	CW-20	12	Y	28 Feb to 27 Mar 2026	Done					Done					
E21	CW-21	11		28 Mar to 27 Apr 2026	Done					Done					
E22	CW-22	10		28 Apr to 27 May 2026				Done				Done			
E23	CW-23	7		28 Jul to 27 Aug 2026				No Safety Access Road for Monitoring		No Safety Access Road for Monitoring					
E24	CW-24	11		28 Mar to 27 Apr 2026				Done				Done			
E25	CW-25	11		28 Mar to 27 Apr 2026				Done				Done			
E26	CW-26	12	Y	28 Feb to 27 Mar 2026				Done				Done			
E27	CW-27	12	Y	28 Feb to 27 Mar 2026				Done						Done	
E28	CW-28	10		28 Mar to 27 Apr 2026				Access road was blocked by works					No Safety Access Road for Monitoring		
E29	CW-29	9		28 May to 27 Jun 2026	Damage of Borehole						Done				
E30	CW-30	12	Y	28 Feb to 27 Mar 2026		Done					Done				
E31	CW-31	11		28 Mar to 27 Apr 2026	No Safety Access Road for Monitoring		Done					Done			
E32	CW-32	7		28 Jul to 27 Aug 2026 or later	Damage of Borehole					Damage of Borehole					
E33	CW-33	10		28 Apr to 27 May 2026 or later		Done							Done		
E34	CW-34	11		28 Mar to 27 Apr 2026 or later	Done								Done		
E35	CW-35	12	Y	28 Feb to 27 Mar 2026	Done						Done				

Remarks:

1. Text with Orange Highlight equals baseline monitoring at the related location was c

2. Text with Yellow Highlight equals baseline monitoring at the related location is dela

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period	Nighth Month (28 Nov to 27 Dec 2025)					Tenth Month (28 Dec 2025 to 27 Jan 2026)																						
					Monitoring Date					Monitoring Date																						
					28-Nov-25	02-Dec-25	16-Dec-25	18-Dec-25	19-Dec-25	07-Jan-26	12-Jan-26	14-Jan-26	19-Jan-26	20-Jan-26	27-Jan-26																	
E1	CW-1	11		28 Mar to 27 Apr 2026		Done				Done																						
E2	CW-2	11		28 Mar to 27 Apr 2026		Done				Done																						
E3	CW-3	12	Y	28 Feb to 27 Mar 2026		Done				Done																						
E4	CW-4	11		28 Mar to 27 Apr 2026		Done				Done																						
E5	CW-5	11		28 Mar to 27 Apr 2026	Done							Done																				
E6	CW-6	11		28 Mar to 27 Apr 2026	Done							Done																				
E7	CW-7	12	Y	28 Feb to 27 Mar 2026	Done							Done																				
E8	CW-8	12	Y	28 Feb to 27 Mar 2026	Done							Done																				
E9	CW-9	12	Y	28 Feb to 27 Mar 2026	Done							Done																				
E10	CW-10	12	Y	28 Feb to 27 Mar 2026																												
E11	CW-11	12	Y	28 Feb to 27 Mar 2026																												
E12	CW-12	12	Y	28 Feb to 27 Mar 2026																												
E13	CW-13	11		28 Mar to 27 Apr 2026									Done																			
E14	CW-14	11		28 Mar to 27 Apr 2026																												
E15	CW-15	11		28 Mar to 27 Apr 2026																												
E16	CW-16	11		28 Mar to 27 Apr 2026																												
E17	CW-17	11		28 Mar to 27 Apr 2026									Done																			
E18	CW-18	12	Y	28 Feb to 27 Mar 2026																												
E19	CW-19	12	Y	28 Feb to 27 Mar 2026																												
E20	CW-20	12	Y	28 Feb to 27 Mar 2026																												
E21	CW-21	11		28 Mar to 27 Apr 2026									Done																			
E22	CW-22	10		28 Apr to 27 May 2026																												
E23	CW-23	7		28 Jul to 27 Aug 2026								ety Access Road for Mo																				
E24	CW-24	11		28 Mar to 27 Apr 2026																												
E25	CW-25	11		28 Mar to 27 Apr 2026																												
E26	CW-26	12	Y	28 Feb to 27 Mar 2026																												
E27	CW-27	12	Y	28 Feb to 27 Mar 2026																												
E28	CW-28	10		28 Mar to 27 Apr 2026																												
E29	CW-29	9		28 May to 27 Jun 2026									Done																			
E30	CW-30	12	Y	28 Feb to 27 Mar 2026								Done							Done	Done												
E31	CW-31	11		28 Mar to 27 Apr 2026															Done		Done	Damage of Borehole										
E32	CW-32	7		28 Jul to 27 Aug 2026 or later									Done				Damage of Borehole			Damage of Borehole												
E33	CW-33	10		28 Apr to 27 May 2026 or later		Done	No Safety Access for Monitoring																									
E34	CW-34	11		28 Mar to 27 Apr 2026 or later													Done															
E35	CW-35	12	Y	28 Feb to 27 Mar 2026							Done				Done																	

Remarks:

1. Text with Orange Highlight equals baseline monitoring at the related location was c

2. Text with Yellow Highlight equals baseline monitoring at the related location is dela

Baseline Monitoring Programme

Landfill Gas In-situ Monitoring (35 Surface Gas Monitoring Boreholes Monitoring Locations) - E1 to E35 CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations		Times of Monitoring	Baseline Complete?	Expected Completion Period	Eleventh Month (28 Jan to 27 Feb 2026)						Twelfth Month (28 Feb to 27 Mar 2026)					Thirteenth Month (28 Mar to 27 Apr 2026)
					Monitoring Date						Monitoring Date					Monitoring Date
					04-Feb-26	05-Feb-26	13-Feb-26	20-Feb-26	24-Feb-26	26-Feb-26	03-Mar-26	06-Mar-26	17-Mar-26	24-Mar-26	25-Mar-26	To Be Conduct
E1	CW-1	11		28 Mar to 27 Apr 2026	Done						Done					To Be Conduct
E2	CW-2	11		28 Mar to 27 Apr 2026	Done						Done					To Be Conduct
E3	CW-3	12	Y	28 Feb to 27 Mar 2026	Done						Done					
E4	CW-4	11		28 Mar to 27 Apr 2026	Done						Done					To Be Conduct
E5	CW-5	11		28 Mar to 27 Apr 2026		Done						Done				To Be Conduct
E6	CW-6	11		28 Mar to 27 Apr 2026		Done						Done				To Be Conduct
E7	CW-7	12	Y	28 Feb to 27 Mar 2026		Done						Done				
E8	CW-8	12	Y	28 Feb to 27 Mar 2026		Done						Done				
E9	CW-9	12	Y	28 Feb to 27 Mar 2026			Done					Done				
E10	CW-10	12	Y	28 Feb to 27 Mar 2026					Done					Done		
E11	CW-11	12	Y	28 Feb to 27 Mar 2026					Done					Done		
E12	CW-12	12	Y	28 Feb to 27 Mar 2026					Done					Done		
E13	CW-13	11		28 Mar to 27 Apr 2026					Done					Done		To Be Conduct
E14	CW-14	11		28 Mar to 27 Apr 2026				Done						Done		To Be Conduct
E15	CW-15	11		28 Mar to 27 Apr 2026				Done						Done		To Be Conduct
E16	CW-16	11		28 Mar to 27 Apr 2026				Done						Done		To Be Conduct
E17	CW-17	11		28 Mar to 27 Apr 2026				Done						Done		To Be Conduct
E18	CW-18	12	Y	28 Feb to 27 Mar 2026				Done							Done	
E19	CW-19	12	Y	28 Feb to 27 Mar 2026				Done					Done			
E20	CW-20	12	Y	28 Feb to 27 Mar 2026				Done					Done			
E21	CW-21	11		28 Mar to 27 Apr 2026				Done					Done			To Be Conduct
E22	CW-22	10		28 Apr to 27 May 2026						Done					Done	To Be Conduct
E23	CW-23	7		28 Jul to 27 Aug 2026						Done					Done	To Be Conduct
E24	CW-24	11		28 Mar to 27 Apr 2026						Done					Done	To Be Conduct
E25	CW-25	11		28 Mar to 27 Apr 2026						Done					Done	To Be Conduct
E26	CW-26	12	Y	28 Feb to 27 Mar 2026						Done					Done	
E27	CW-27	12	Y	28 Feb to 27 Mar 2026						Done					Done	
E28	CW-28	10		28 Mar to 27 Apr 2026						Done					Done	To Be Conduct
E29	CW-29	9		28 May to 27 Jun 2026						Done			Done			To Be Conduct
E30	CW-30	12	Y	28 Feb to 27 Mar 2026			Done						Done			
E31	CW-31	11		28 Mar to 27 Apr 2026			Done						Done			To Be Conduct
E32	CW-32	7		28 Jul to 27 Aug 2026 or later			Done					Done				To Be Conduct
E33	CW-33	10		28 Apr to 27 May 2026 or later	Done						Done		Done			To Be Conduct
E34	CW-34	11		28 Mar to 27 Apr 2026 or later	Done						Done					To Be Conduct
E35	CW-35	12	Y	28 Feb to 27 Mar 2026	Done						Done					

Remarks:

1. Text with Orange Highlight equals baseline monitoring at the related location was c

2. Text with Yellow Highlight equals baseline monitoring at the related location is dela

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Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	First Month (28 Mar to 27 Apr 2025)					Second Month (28 Apr to 27 May 2025)						
				Monitoring Date					Monitoring Date						
				28-Mar-25	01-Apr-25	10-Apr-25	15-Apr-25	25-Apr-25	28-Apr-25	29-Apr-25	12-May-25	14-May-25	16-May-25	22-May-25	26-May-25
CW-1	11		28 Mar to 27 Apr 2026	Done					Done						
CW-2	11		28 Mar to 27 Apr 2026	No Completion of BH											Done
CW-3	12	Y	28 Feb to 27 Mar 2026	Done					Done						
CW-4	12	Y	28 Feb to 27 Mar 2026	No Completion of BH				Done						Access for M	Done
CW-5	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring					No Safety Access for Monitoring					Done	
CW-6	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring					No Safety Access for Monitoring					Done	
CW-7	12	Y	28 Feb to 27 Mar 2026	Done					Done						
CW-8	12	Y	28 Feb to 27 Mar 2026	Done					Done						
CW-9	12	Y	28 Feb to 27 Mar 2026		Done									Done	
CW-10	12	Y	28 Feb to 27 Mar 2026		Done				Done						
CW-11	12	Y	28 Feb to 27 Mar 2026		Done									Done	
CW-12	12	Y	28 Feb to 27 Mar 2026			Done								Done	
CW-13	11		28 Mar to 27 Apr 2026	No Completion of BH										Done	
CW-14	11		28 Mar to 27 Apr 2026	No Completion of BH					No Completion of BH					Done	
CW-15	11		28 Mar to 27 Apr 2026	No Completion of BH										Done	
CW-16	11		28 Mar to 27 Apr 2026	No Completion of BH										Done	
CW-17	11		28 Mar to 27 Apr 2026	No Completion of BH									Done		
CW-18	12	Y	28 Feb to 27 Mar 2026					Done					Done		
CW-19	12	Y	28 Feb to 27 Mar 2026					Done					Done		
CW-20	12	Y	28 Feb to 27 Mar 2026					Done					Done		
CW-21	11		28 Mar to 27 Apr 2026	No Completion of BH									Done		
CW-22	10		28 Apr to 27 May 2026	No Completion of BH					No Completion of BH						
CW-23	6		28 Aug to 27 Sep 2026	No Completion of BH					No Completion of BH						
CW-24	9		28 May to 27 Jun 2026	No Safety Access for Monitoring					No Safety Access for Monitoring				Done (No GW		
CW-25	11		28 Mar to 27 Apr 2026	No Safety Access for Monitoring					No Safety Access for Monitoring				Done		
CW-26	12	Y	28 Feb to 27 Mar 2026		Done									Done	
CW-27	12	Y	28 Feb to 27 Mar 2026		Done (No GW									Done (No GW	
CW-28	11		28 Mar to 27 Apr 2026		Done (No GW									Done (No GW	
CW-29	8		28 Jun to 27 Jul 2026		Done									Done	
CW-30	12	Y	28 Feb to 27 Mar 2026			Done								Done	
CW-31	11		28 Mar to 27 Apr 2026			Done								Done	
CW-32	8		28 May to 27 Jul 2026 or later	No Completion of BH					Done						
CW-33	10		28 Apr to 27 May 2026 or later	No Completion of BH											Done
CW-34	11		28 Mar to 27 Apr 2026 or later	Done					Done						
CW-35	12	Y	28 Feb to 27 Mar 2026	Done					Done						

- Remarks:
1. Done (No GW) equal to there was not groundwater observed in the monitoring well.
 2. Text with Orange Highlight equals baseline monitoring at the related location was delayed based on the damage to the borehole, and there was no safety access for monitoring. The problem had been fixed by the Contractor.
 3. Text with Yellow Highlight equals baseline monitoring at the related location is delayed based on the damage to the borehole, and there was no safety access for monitoring.

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Third Month (28 May to 27 Jun 2025)									
				Monitoring Date									
				29-May-25	03-Jun-25	04-Jun-25	12-Jun-25	16-Jun-25	20-Jun-25	23-Jun-25	24-Jun-25	25-Jun-25	
CW-1	11		28 Mar to 27 Apr 2026		Done								
CW-2	11		28 Mar to 27 Apr 2026		Done								
CW-3	12	Y	28 Feb to 27 Mar 2026		Done								
CW-4	12	Y	28 Feb to 27 Mar 2026									Done	
CW-5	11		28 Mar to 27 Apr 2026										
CW-6	11		28 Mar to 27 Apr 2026										
CW-7	12	Y	28 Feb to 27 Mar 2026				Done						Done
CW-8	12	Y	28 Feb to 27 Mar 2026										
CW-9	12	Y	28 Feb to 27 Mar 2026										
CW-10	12	Y	28 Feb to 27 Mar 2026	Done								Done	
CW-11	12	Y	28 Feb to 27 Mar 2026										
CW-12	12	Y	28 Feb to 27 Mar 2026										
CW-13	11		28 Mar to 27 Apr 2026									Done	
CW-14	11		28 Mar to 27 Apr 2026										
CW-15	11		28 Mar to 27 Apr 2026										
CW-16	11		28 Mar to 27 Apr 2026					Done					
CW-17	11		28 Mar to 27 Apr 2026										
CW-18	12	Y	28 Feb to 27 Mar 2026										
CW-19	12	Y	28 Feb to 27 Mar 2026										
CW-20	12	Y	28 Feb to 27 Mar 2026										
CW-21	11		28 Mar to 27 Apr 2026										
CW-22	10		28 Apr to 27 May 2026									Done	
CW-23	6		28 Aug to 27 Sep 2026										
CW-24	9		28 May to 27 Jun 2026										
CW-25	11		28 Mar to 27 Apr 2026									Done (No GW)	
CW-26	12	Y	28 Feb to 27 Mar 2026										
CW-27	12	Y	28 Feb to 27 Mar 2026										
CW-28	11		28 Mar to 27 Apr 2026									Done (No GW)	Done (No GW)
CW-29	8		28 Jun to 27 Jul 2026										
CW-30	12	Y	28 Feb to 27 Mar 2026										
CW-31	11		28 Mar to 27 Apr 2026										
CW-32	8		28 May to 27 Jul 2026 or later										
CW-33	10		28 Apr to 27 May 2026 or later										
CW-34	11		28 Mar to 27 Apr 2026 or later	Done									
CW-35	12	Y	28 Feb to 27 Mar 2026										

- Remarks:
- 1. Done (No GW) equal to there was not groundwater observed in the mo
 - 2. Text with Orange Highlight equals baseline monitoring at the related lo
 - 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Fouth Month (28 Jun to 27 Jul 2025)						Fifth Month (28 Jul to 27 Aug 2025)			
				Monitoring Date						Monitoring Date			
				02-Jul-25	03-Jul-25	14-Jul-25	22-Jul-25	24-Jul-25	25-Jul-25	08-Aug-25	15-Aug-25	21-Aug-25	22-Aug-25
CW-1	11		28 Mar to 27 Apr 2026	Done						Done			
CW-2	11		28 Mar to 27 Apr 2026	Done						Done			
CW-3	12	Y	28 Feb to 27 Mar 2026	Done						Done			
CW-4	12	Y	28 Feb to 27 Mar 2026	Done						Done			
CW-5	11		28 Mar to 27 Apr 2026					Done				Done	
CW-6	11		28 Mar to 27 Apr 2026		Done						Done		
CW-7	12	Y	28 Feb to 27 Mar 2026		Done						Done		
CW-8	12	Y	28 Feb to 27 Mar 2026		Done						Done		
CW-9	12	Y	28 Feb to 27 Mar 2026		Done						Done		
CW-10	12	Y	28 Feb to 27 Mar 2026		Done						Done		
CW-11	12	Y	28 Feb to 27 Mar 2026					Done			Done		
CW-12	12	Y	28 Feb to 27 Mar 2026					Done			Done		
CW-13	11		28 Mar to 27 Apr 2026					Done			Done		
CW-14	11		28 Mar to 27 Apr 2026			Done							Done
CW-15	11		28 Mar to 27 Apr 2026			Done							Done
CW-16	11		28 Mar to 27 Apr 2026			Done							Done
CW-17	11		28 Mar to 27 Apr 2026			Done							Done
CW-18	12	Y	28 Feb to 27 Mar 2026			Done							Done
CW-19	12	Y	28 Feb to 27 Mar 2026			Done							Done
CW-20	12	Y	28 Feb to 27 Mar 2026			Done							Done
CW-21	11		28 Mar to 27 Apr 2026			Done							Done
CW-22	10		28 Apr to 27 May 2026				Done					Done	
CW-23	6		28 Aug to 27 Sep 2026				Done					No Safety Access for Monitoring	
CW-24	9		28 May to 27 Jun 2026					Done (No GW)	Damage of Borehole			Damage of Borehole	
CW-25	11		28 Mar to 27 Apr 2026					Done				Done	
CW-26	12	Y	28 Feb to 27 Mar 2026					Done				Done	
CW-27	12	Y	28 Feb to 27 Mar 2026					Done (No GW)				Done (No GW)	
CW-28	11		28 Mar to 27 Apr 2026						Done			Done	
CW-29	8		28 Jun to 27 Jul 2026						Damage of Borehole			Damage of Borehole	
CW-30	12	Y	28 Feb to 27 Mar 2026				Done					Done	
CW-31	11		28 Mar to 27 Apr 2026				Done					Done	
CW-32	8		28 May to 27 Jul 2026 or later				Done					Done	
CW-33	10		28 Apr to 27 May 2026 or later			Damage of Borehole	Done			Done			
CW-34	11		28 Mar to 27 Apr 2026 or later	Done						Done			
CW-35	12	Y	28 Feb to 27 Mar 2026	Done						Done			

- Remarks:
- 1. Done (No GW) equal to there was not groundwater observed in the mo
 - 2. Text with Orange Highlight equals baseline monitoring at the related lo
 - 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Sixth Month (28 Aug to 27 Sep 2025)						Seventh Month (28 Sep to 27 Oct 2025)						
				Monitoring Date						Monitoring Date						
				29-Aug-25	01-Sep-25	11-Sep-25	16-Sep-25	17-Sep-25	18-Sep-25	19-Sep-25	03-Oct-25	08-Oct-25	20-Oct-25	21-Oct-25	24-Oct-25	27-Oct-25
CW-1	11		28 Mar to 27 Apr 2026	Damage of Borehole						Damage of Borehole		No Safety Area for Monitoring			Done	
CW-2	11		28 Mar to 27 Apr 2026	Done											Done	
CW-3	12	Y	28 Feb to 27 Mar 2026	Done											Done	
CW-4	12	Y	28 Feb to 27 Mar 2026	Done											Done	
CW-5	11		28 Mar to 27 Apr 2026							Done	Done					
CW-6	11		28 Mar to 27 Apr 2026							Done	Done					
CW-7	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-8	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-9	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-10	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-11	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-12	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-13	11		28 Mar to 27 Apr 2026							Done	Done					
CW-14	11		28 Mar to 27 Apr 2026							Done	Done					
CW-15	11		28 Mar to 27 Apr 2026							Done	Done					
CW-16	11		28 Mar to 27 Apr 2026							Done	Done					
CW-17	11		28 Mar to 27 Apr 2026							Done	Done					
CW-18	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-19	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-20	12	Y	28 Feb to 27 Mar 2026							Done	Done					
CW-21	11		28 Mar to 27 Apr 2026							Done	Done					
CW-22	10		28 Apr to 27 May 2026							Done	Done					
CW-23	6		28 Aug to 27 Sep 2026	No Safety Access for Monitoring						No Safety Access for Monitoring						
CW-24	9		28 May to 27 Jun 2026	Damage of Borehole						Damage of Borehole		Done (No GW)				
CW-25	11		28 Mar to 27 Apr 2026									Done				
CW-26	12	Y	28 Feb to 27 Mar 2026									Done				
CW-27	12	Y	28 Feb to 27 Mar 2026							Done (No GW)		Done (No GW)				
CW-28	11		28 Mar to 27 Apr 2026							Done		Access road was blocked by works				
CW-29	8		28 Jun to 27 Jul 2026	Damage of Borehole						Damage of Borehole						
CW-30	12	Y	28 Feb to 27 Mar 2026		Done						Done					
CW-31	11		28 Mar to 27 Apr 2026		No Safety Access Road for Monitoring						ty Access Road for Md		Done			
CW-32	8		28 May to 27 Jul 2026 or later		Done						Damage of Borehole				Done	
CW-33	10		28 Apr to 27 May 2026 or later	Done											Done	
CW-34	11		28 Mar to 27 Apr 2026 or later	Done											Done	
CW-35	12	Y	28 Feb to 27 Mar 2026	Done						No Safety Area for Monitoring					Done	

- Remarks:
- 1. Done (No GW) equal to there was not groundwater observed in the mo
 - 2. Text with Orange Highlight equals baseline monitoring at the related lo
 - 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Eighth Month (28 Oct to 27 Nov 2025)						Ninth Month (28 Oct to 27 Nov 2025)						
				Monitoring Date						Monitoring Date						
				31-Oct-25	04-Nov-25	05-Nov-25	05-Nov-25	17-Nov-25	25-Nov-25	28-Nov-25	02-Dec-25	16-Dec-25	18-Dec-25	19-Dec-25	07-Jan-26	
CW-1	11		28 Mar to 27 Apr 2026		Done						Done				Done	
CW-2	11		28 Mar to 27 Apr 2026		Done						Done				Done	
CW-3	12	Y	28 Feb to 27 Mar 2026		Done						Done				Done	
CW-4	12	Y	28 Feb to 27 Mar 2026						Done		Done				Done	
CW-5	11		28 Mar to 27 Apr 2026						Done							
CW-6	11		28 Mar to 27 Apr 2026				Done			Done						
CW-7	12	Y	28 Feb to 27 Mar 2026				Done			Done						
CW-8	12	Y	28 Feb to 27 Mar 2026				Done			Done						
CW-9	12	Y	28 Feb to 27 Mar 2026				Done			Done						
CW-10	12	Y	28 Feb to 27 Mar 2026						Done					Done		
CW-11	12	Y	28 Feb to 27 Mar 2026						Done					Done		
CW-12	12	Y	28 Feb to 27 Mar 2026						Done					Done		
CW-13	11		28 Mar to 27 Apr 2026						Done					Done		
CW-14	11		28 Mar to 27 Apr 2026	Done								Done				
CW-15	11		28 Mar to 27 Apr 2026	Done								Done				
CW-16	11		28 Mar to 27 Apr 2026	Done								Done				
CW-17	11		28 Mar to 27 Apr 2026	Done								Done				
CW-18	12	Y	28 Feb to 27 Mar 2026	Done								Done				
CW-19	12	Y	28 Feb to 27 Mar 2026	Done								Done				
CW-20	12	Y	28 Feb to 27 Mar 2026	Done								Done				
CW-21	11		28 Mar to 27 Apr 2026	Done								Done				
CW-22	10		28 Apr to 27 May 2026					Done					Done			
CW-23	6		28 Aug to 27 Sep 2026	No Safety Access for Monitoring						No Safety Access for Monitoring						
CW-24	9		28 May to 27 Jun 2026						Done (No GW)					Done (No GW)		
CW-25	11		28 Mar to 27 Apr 2026						Done					Done		
CW-26	12	Y	28 Feb to 27 Mar 2026						Done					Done		
CW-27	12	Y	28 Feb to 27 Mar 2026							Done (No GW)				Done (No GW)		
CW-28	11		28 Mar to 27 Apr 2026	Access road was blocked by works						Done (No GW)						
CW-29	8		28 Jun to 27 Jul 2026			Done										
CW-30	12	Y	28 Feb to 27 Mar 2026				Done			Done						
CW-31	11		28 Mar to 27 Apr 2026				Done							Done		
CW-32	8		28 May to 27 Jul 2026 or later		Damage of Borehole						Damage of Borehole	Done	Damage of Borehole			
CW-33	10		28 Apr to 27 May 2026 or later						Done		Done					
CW-34	11		28 Mar to 27 Apr 2026 or later	Safety Access for Monito											No Safety Access for Monitoring	
CW-35	12	Y	28 Feb to 27 Mar 2026		Done							Done			Done	

- Remarks:
- 1. Done (No GW) equal to there was not groundwater observed in the mo
 - 2. Text with Orange Highlight equals baseline monitoring at the related lo
 - 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Tenth Month (28 Dec 2025 to 27 Jan 2026)					Eleventh Month (28 Jan to 27 Feb 2026)						
				Monitoring Date					Monitoring Date						
				12-Jan-26	16-Jan-26	19-Jan-26	20-Jan-26	27-Jan-26	04-Feb-26	05-Feb-26	13-Feb-26	20-Feb-26	24-Feb-26	26-Feb-26	
CW-1	11		28 Mar to 27 Apr 2026						Done						
CW-2	11		28 Mar to 27 Apr 2026						Done						
CW-3	12	Y	28 Feb to 27 Mar 2026						Done						
CW-4	12	Y	28 Feb to 27 Mar 2026						Done						
CW-5	11		28 Mar to 27 Apr 2026	Done						Done					
CW-6	11		28 Mar to 27 Apr 2026	Done						Done					
CW-7	12	Y	28 Feb to 27 Mar 2026	Done						Done					
CW-8	12	Y	28 Feb to 27 Mar 2026	Done						Done					
CW-9	12	Y	28 Feb to 27 Mar 2026	Done							Done				
CW-10	12	Y	28 Feb to 27 Mar 2026								Done				Done
CW-11	12	Y	28 Feb to 27 Mar 2026								Done				Done
CW-12	12	Y	28 Feb to 27 Mar 2026								Done				Done
CW-13	11		28 Mar to 27 Apr 2026									Done			
CW-14	11		28 Mar to 27 Apr 2026									Done			Done
CW-15	11		28 Mar to 27 Apr 2026									Done			Done
CW-16	11		28 Mar to 27 Apr 2026									Done			Done
CW-17	11		28 Mar to 27 Apr 2026									Done			
CW-18	12	Y	28 Feb to 27 Mar 2026									Done			Done
CW-19	12	Y	28 Feb to 27 Mar 2026									Done			Done
CW-20	12	Y	28 Feb to 27 Mar 2026									Done			Done
CW-21	11		28 Mar to 27 Apr 2026									Done			
CW-22	10		28 Apr to 27 May 2026									Done			Done
CW-23	6		28 Aug to 27 Sep 2026									Done			Done
CW-24	9		28 May to 27 Jun 2026									Done (No GW)			Done
CW-25	11		28 Mar to 27 Apr 2026										Done		
CW-26	12	Y	28 Feb to 27 Mar 2026										Done		Done
CW-27	12	Y	28 Feb to 27 Mar 2026										Done (No GW)		Done (No GW)
CW-28	11		28 Mar to 27 Apr 2026										Done (No GW)		Done (No GW)
CW-29	8		28 Jun to 27 Jul 2026									Done			
CW-30	12	Y	28 Feb to 27 Mar 2026									Done			Done
CW-31	11		28 Mar to 27 Apr 2026									Done			Done
CW-32	8		28 May to 27 Jul 2026 or later									Damage of Borehole			
CW-33	10		28 Apr to 27 May 2026 or later							Done					
CW-34	11		28 Mar to 27 Apr 2026 or later							Done					Done
CW-35	12	Y	28 Feb to 27 Mar 2026												Done

- Remarks:
- 1. Done (No GW) equal to there was not groundwater observed in the mo
 - 2. Text with Orange Highlight equals baseline monitoring at the related lo
 - 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Baseline Monitoring Programme

Water Quality (35 Groundwater Monitoring Lcoartions) - CW-1 to CW-35 (Frequency: Monthly)

Monitoring Lcoations	Times of Monitoring	Baseline Complete?	Expected Completion Period	Twelfth Month (28 Feb to 27 Mar 2026)					Thirteenth Month (28 Mar to 27 Apr 2026)
				Monitoring Date					Monitoring Date
				03-Mar-26	06-Mar-26	17-Mar-26	24-Mar-26	25-Mar-26	To Be Conduct
CW-1	11		28 Mar to 27 Apr 2026	Done					To Be Conduct
CW-2	11		28 Mar to 27 Apr 2026	Done					To Be Conduct
CW-3	12	Y	28 Feb to 27 Mar 2026	Done					
CW-4	12	Y	28 Feb to 27 Mar 2026	Done					
CW-5	11		28 Mar to 27 Apr 2026					Done	To Be Conduct
CW-6	11		28 Mar to 27 Apr 2026					Done	To Be Conduct
CW-7	12	Y	28 Feb to 27 Mar 2026					Done	
CW-8	12	Y	28 Feb to 27 Mar 2026					Done	
CW-9	12	Y	28 Feb to 27 Mar 2026					Done	
CW-10	12	Y	28 Feb to 27 Mar 2026				Done		
CW-11	12	Y	28 Feb to 27 Mar 2026				Done		
CW-12	12	Y	28 Feb to 27 Mar 2026				Done		
CW-13	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-14	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-15	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-16	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-17	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-18	12	Y	28 Feb to 27 Mar 2026					Done	
CW-19	12	Y	28 Feb to 27 Mar 2026			Done			
CW-20	12	Y	28 Feb to 27 Mar 2026			Done			
CW-21	11		28 Mar to 27 Apr 2026			Done			To Be Conduct
CW-22	10		28 Apr to 27 May 2026				Done		To Be Conduct
CW-23	6		28 Aug to 27 Sep 2026				Done		To Be Conduct
CW-24	9		28 May to 27 Jun 2026				Done (No GW)		To Be Conduct
CW-25	11		28 Mar to 27 Apr 2026				Done		To Be Conduct
CW-26	12	Y	28 Feb to 27 Mar 2026				Done		
CW-27	12	Y	28 Feb to 27 Mar 2026				Done (No GW)		
CW-28	11		28 Mar to 27 Apr 2026				Done (No GW)		To Be Conduct
CW-29	8		28 Jun to 27 Jul 2026			Done			To Be Conduct
CW-30	12	Y	28 Feb to 27 Mar 2026			Done			
CW-31	11		28 Mar to 27 Apr 2026			Done			To Be Conduct
CW-32	8		28 May to 27 Jul 2026 or later			Done			To Be Conduct
CW-33	10		28 Apr to 27 May 2026 or later			Done			To Be Conduct
CW-34	11		28 Mar to 27 Apr 2026 or later	Done					To Be Conduct
CW-35	12	Y	28 Feb to 27 Mar 2026	Done					

- Remarks:
1. Done (No GW) equal to there was not groundwater observed in the mo
 2. Text with Orange Highlight equals baseline monitoring at the related lo
 3. Text with Yellow Highlight equals baseline monitoring at the related loc

Appendix 2.2

Monitoring Results for Baseline Air Quality & Landfill Gas (Ambient VOCs) Monitoring

Monitoring Location(s)		EV1	EV1	EV1	EV1	
Date (DD-MMM-YYYY)		08-Apr-2025	31-Jul-2025	18-Nov-2025	10-Feb-2026	
Time		11:40	11:20	11:50	13:36	
Weather Condition		Fine	Fine	Fine	Fine	
		Monitoring Parameter(s)				
		Laboratory Analysis				
	Unit	Value	Value	Value	Value	Limit Level
1_1_1-Trichloroethane	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 5,550
1_2-Dibromoethane	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 39
1_2-Dichlorobenzene	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 1,530
1_2-Dichloroethane	µg/m ³	0.3	1.0	1.4	0.4	> 120
Benzene	µg/m ³	<0.5	0.8	1.0	0.6	> 33
Butan-2-ol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 667
Butanethiol	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 4
Butyl acetate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 7240
Carbon Disulphide	µg/m ³	<0.5	2.4	<0.5	0.7	> 150
Carbon Tetrachloride	µg/m ³	<0.6	<0.6	0.6	<0.6	> 64
Chloroform	µg/m ³	<0.8	1.0	<0.8	<0.8	> 99
Dichlorodifluoromethane	µg/m ³	1.1	1.7	1.7	2	> 7.08 X 10 ⁸
Dimethyl Sulphide	µg/m ³	<0.2	<0.2	<0.2	<0.2	> 8
Dipropyl Ether	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Ethanethiol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 13
Ethanol	µg/m ³	17.4	<3.8	<3.8	5.1	> 19,200
Ethyl Benzene	µg/m ³	<0.5	1.2	1.0	<0.5	> 400
Ethyl Butyrate	µg/m ³	<1.0	<1.0	<1.0	<1.0	N/A
Ethyl Propionate	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 29
Limonene	µg/m ³	<0.4	1.0	2.0	0.6	> 212
Methane	% (v/v)	0.00018	0.00022	0.00038	0.00019	N/A
Methanethiol	µg/m ³	<0.4	<0.4	<0.4	<0.4	> 10
Methanol	µg/m ³	17.2	<2.6	<2.6	24.4	> 2,660
Methyl Butyrate	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Xylenes	µg/m ³	1.1	3.9	3.2	<0.5	> 534
Methyl Propionate	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 353
Methylene Chloride	µg/m ³	4.4	<0.4	5.1	7.5	> 3,530
n-Butyl Benzenes	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 47
n-Decanes	µg/m ³	<0.7	1.6	<0.7	<0.7	> 3,608
n-Heptane	µg/m ³	<0.8	2.0	<0.8	65.4	> 2,746
Nonane	µg/m ³	<0.9	1.3	<0.9	<0.9	> 11,540
n-Octane	µg/m ³	<0.9	1.4	<0.9	<0.9	> 7,942
Propyl Benzene	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 19
Undecane	µg/m ³	<1.2	3.2	<1.2	<1.2	> 3,964
Propyl Propionate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 276
Toluene	µg/m ³	2.8	5.9	3.1	0.7	> 1,244
Terpenes	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Tetrachloroethylene	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 1,380
Trichloroethylene	µg/m ³	<1.1	<1.1	<1.1	<1.1	> 5,500
Vinyl Chloride	µg/m ³	<0.3	<0.3	<0.3	<0.3	> 26
Remarks						

Monitoring Location(s)		EV2	EV2	EV2	EV2	
Date (DD-MMM-YYYY)		08-Apr-2025	04-Sep-2025	18-Nov-2025	10-Feb-2026	
Time		12:34	9:30	10:36	12:40	
Weather Condition		Fine	Fine	Fine	Fine	
		Monitoring Parameter(s)				
		Laboratory Analysis				
	Unit	Value	Value	Value	Value	Limit Level
1_1_1-Trichloroethane	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 5,550
1_2-Dibromoethane	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 39
1_2-Dichlorobenzene	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 1,530
1_2-Dichloroethane	µg/m ³	0.6	<0.3	1.6	0.4	> 120
Benzene	µg/m ³	<0.5	<0.5	1.0	0.9	> 33
Butan-2-ol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 667
Butanethiol	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 4
Butyl acetate	µg/m ³	<1.0	<1.0	1.1	<1.0	> 7240
Carbon Disulphide	µg/m ³	<0.5	<0.5	0.5	25.6	> 150
Carbon Tetrachloride	µg/m ³	<0.6	0.6	0.7	<0.6	> 64
Chloroform	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 99
Dichlorodifluoromethane	µg/m ³	1.4	1.8	2.0	1.8	> 7.08 X 10 ⁸
Dimethyl Sulphide	µg/m ³	<0.2	<0.2	<0.2	2.6	> 8
Dipropyl Ether	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Ethanethiol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 13
Ethanol	µg/m ³	5.2	<3.8	<3.8	<3.8	> 19,200
Ethyl Benzene	µg/m ³	<0.5	<0.5	0.8	<0.5	> 400
Ethyl Butyrate	µg/m ³	<1.0	<1.0	<1.0	<1.0	N/A
Ethyl Propionate	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 29
Limonene	µg/m ³	<0.4	0.8	<0.4	0.8	> 212
Methane	% (v/v)	0.00019	0.00017	0.00019	0.00019	N/A
Methanethiol	µg/m ³	<0.4	<0.4	<0.4	<0.4	> 10
Methanol	µg/m ³	16.3	<2.6	<2.6	27.6	> 2,660
Methyl Butyrate	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Xylenes	µg/m ³	<0.5	<0.5	2.9	<0.5	> 534
Methyl Propionate	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 353
Methylene Chloride	µg/m ³	2.5	1.4	7.8	2.1	> 3,530
n-Butyl Benzenes	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 47
n-Decanes	µg/m ³	<0.7	2.0	<0.7	<0.7	> 3,608
n-Heptane	µg/m ³	<0.8	<0.8	<0.8	54.5	> 2,746
Nonane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 11,540
n-Octane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 7,942
Propyl Benzene	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 19
Undecane	µg/m ³	<1.2	9.8	<1.2	<1.2	> 3,964
Propyl Propionate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 276
Toluene	µg/m ³	0.8	0.9	3.6	0.9	> 1,244
Terpenes	µg/m ³	<0.8	1.8	<0.8	<0.8	N/A
Tetrachloroethylene	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 1,380
Trichloroethylene	µg/m ³	<1.1	<1.1	<1.1	<1.1	> 5,500
Vinyl Chloride	µg/m ³	<0.3	<0.3	<0.3	<0.3	> 26
Remarks						

Monitoring Location(s)		EV3	EV3	EV3	EV3	
Date (DD-MMM-YYYY)		08-Apr-2025	04-Sep-2025	18-Nov-2025	10-Feb-2026	
Time		12:20	9:20	10:38	12:25	
Weather Condition		Fine	Fine	Fine	Fine	
		Monitoring Parameter(s)				
		Laboratory Analysis				
	Unit	Value	Value	Value	Value	Limit Level
1_1_1-Trichloroethane	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 5,550
1_2-Dibromoethane	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 39
1_2-Dichlorobenzene	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 1,530
1_2-Dichloroethane	µg/m ³	0.6	<0.3	1.6	0.4	> 120
Benzene	µg/m ³	<0.5	<0.5	1.1	0.8	> 33
Butan-2-ol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 667
Butanethiol	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 4
Butyl acetate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 7240
Carbon Disulphide	µg/m ³	<0.5	<0.5	1.3	<0.5	> 150
Carbon Tetrachloride	µg/m ³	<0.6	0.6	0.7	<0.6	> 64
Chloroform	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 99
Dichlorodifluoromethane	µg/m ³	1.5	2.0	2.1	1.9	> 7.08 X 10 ⁸
Dimethyl Sulphide	µg/m ³	<0.2	<0.2	<0.2	<0.2	> 8
Dipropyl Ether	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Ethanethiol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 13
Ethanol	µg/m ³	5.1	<3.8	<3.8	5.5	> 19,200
Ethyl Benzene	µg/m ³	<0.5	<0.5	0.8	<0.5	> 400
Ethyl Butyrate	µg/m ³	<1.0	<1.0	<1.0	<1.0	N/A
Ethyl Propionate	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 29
Limonene	µg/m ³	<0.4	0.8	0.4	0.5	> 212
Methane	% (v/v)	0.00018	0.00018	0.00020	0.00019	N/A
Methanethiol	µg/m ³	<0.4	<0.4	<0.4	<0.4	> 10
Methanol	µg/m ³	15.5	<2.6	<2.6	23.9	> 2,660
Methyl Butyrate	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Xylenes	µg/m ³	<0.5	<0.5	2.9	<0.5	> 534
Methyl Propionate	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 353
Methylene Chloride	µg/m ³	2.8	1.4	9.2	2	> 3,530
n-Butyl Benzenes	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 47
n-Decanes	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 3,608
n-Heptane	µg/m ³	<0.8	1.0	<0.8	57.6	> 2,746
Nonane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 11,540
n-Octane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 7,942
Propyl Benzene	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 19
Undecane	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 3,964
Propyl Propionate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 276
Toluene	µg/m ³	1.0	1.2	3.9	0.6	> 1,244
Terpenes	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Tetrachloroethylene	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 1,380
Trichloroethylene	µg/m ³	<1.1	<1.1	<1.1	<1.1	> 5,500
Vinyl Chloride	µg/m ³	<0.3	<0.3	<0.3	<0.3	> 26
Remarks						

Monitoring Location(s)		EV4	EV4	EV4	EV4	
Date (DD-MMM-YYYY)		08-Apr-2025	04-Sep-2025	18-Nov-2025	10-Feb-2026	
Time		11:52	8:28	11:27	13:00	
Weather Condition		Fine	Fine	Fine	Fine	
		Monitoring Parameter(s)				
		Laboratory Analysis				
	Unit	Value	Value	Value	Value	Limit Level
1_1_1-Trichloroethane	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 5,550
1_2-Dibromoethane	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 39
1_2-Dichlorobenzene	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 1,530
1_2-Dichloroethane	µg/m ³	0.6	<0.3	1.5	0.3	> 120
Benzene	µg/m ³	<0.5	<0.5	1.1	0.6	> 33
Butan-2-ol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 667
Butanethiol	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 4
Butyl acetate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 7240
Carbon Disulphide	µg/m ³	<0.5	<0.5	<0.5	1.4	> 150
Carbon Tetrachloride	µg/m ³	<0.6	0.7	0.7	<0.6	> 64
Chloroform	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 99
Dichlorodifluoromethane	µg/m ³	1.4	2.1	1.7	1.7	> 7.08 X 10 ⁸
Dimethyl Sulphide	µg/m ³	<0.2	<0.2	<0.2	<0.2	> 8
Dipropyl Ether	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Ethanethiol	µg/m ³	<0.6	<0.6	<0.6	<0.6	> 13
Ethanol	µg/m ³	5.1	<3.8	<3.8	5.5	> 19,200
Ethyl Benzene	µg/m ³	<0.5	<0.5	0.9	<0.5	> 400
Ethyl Butyrate	µg/m ³	<1.0	<1.0	<1.0	<1.0	N/A
Ethyl Propionate	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 29
Limonene	µg/m ³	<0.4	1.0	<0.4	0.5	> 212
Methane	% (v/v)	0.00019	0.00024	0.00019	0.00019	N/A
Methanethiol	µg/m ³	<0.4	<0.4	<0.4	<0.4	> 10
Methanol	µg/m ³	16.1	<2.6	<2.6	13.7	> 2,660
Methyl Butyrate	µg/m ³	<0.8	<0.8	<0.8	<0.8	N/A
Xylenes	µg/m ³	<0.5	<0.5	4.0	<0.5	> 534
Methyl Propionate	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 353
Methylene Chloride	µg/m ³	2.5	2.6	7.6	2	> 3,530
n-Butyl Benzenes	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 47
n-Decanes	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 3,608
n-Heptane	µg/m ³	<0.8	<0.8	<0.8	40.2	> 2,746
Nonane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 11,540
n-Octane	µg/m ³	<0.9	<0.9	<0.9	<0.9	> 7,942
Propyl Benzene	µg/m ³	<0.8	<0.8	<0.8	<0.8	> 19
Undecane	µg/m ³	<1.2	<1.2	<1.2	<1.2	> 3,964
Propyl Propionate	µg/m ³	<1.0	<1.0	<1.0	<1.0	> 276
Toluene	µg/m ³	0.7	1.0	3.6	0.6	> 1,244
Terpenes	µg/m ³	<0.8	2.1	<0.8	<0.8	N/A
Tetrachloroethylene	µg/m ³	<0.7	<0.7	<0.7	<0.7	> 1,380
Trichloroethylene	µg/m ³	<1.1	<1.1	<1.1	<1.1	> 5,500
Vinyl Chloride	µg/m ³	<0.3	<0.3	<0.3	<0.3	> 26
Remarks						

Appendix 3.1

Calibration Certificates for Baseline Air Quality (Odour) Monitoring



Certificate for a Qualified Odour Panellist

This is to certify that

CHAN TSZ YAN

has participated in twelve (12) sets of individual N-Butanol screening test
during 25 March 2025 - 02 April 2025

with Individual Threshold : 35 ppb/v

Standard Deviation : 1.4 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

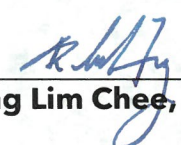
The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

02 April 2025

Issue Date

02 April 2026

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

CHENG JOHN WING

has participated in twelve (12) sets of individual N-Butanol screening test
during 25 March 2025 - 02 April 2025

with Individual Threshold : 38 ppb/v

Standard Deviation : 1.3 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

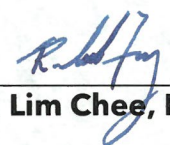
The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

02 April 2025

Issue Date

02 April 2026

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

WAN KA HO

has participated in twelve (12) sets of individual N-Butanol screening test
during 25 March 2025 - 02 April 2025

with Individual Threshold : 40 ppb/v

Standard Deviation : 1.3 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

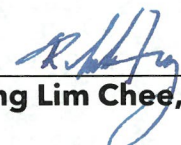
The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

02 April 2025

Issue Date

02 April 2026

Valid Until


Fung Lim Chee, Richard



Certificate for a Qualified Odour Panellist

This is to certify that

LI WAI HO

has participated in twelve (12) sets of individual N-Butanol screening test
during 25 March 2025 - 02 April 2025

with Individual Threshold : 52 ppb/v

Standard Deviation : 1.5 ppb/v

and

fulfill the Requirement of the European Standard Method of Air Quality -
Determination of Odour Concentration by Dynamic Olfactometry (BS EN 13725:2022) -

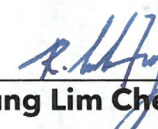
The Requirement of the Odour Threshold of n-Butanol in Nitrogen Gas in the Range of 20 - 80 ppb/v with at
least 12 sets of individual threshold estimates and standard deviation less than 2.3

02 April 2025

Issue Date

02 April 2026

Valid Until


Fung Lim Chee, Richard

Appendix 3.2
Monitoring Results for Baseline Air Quality (Odour)
Monitoring

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
3/04/2025	Fine	AM(O)1	8:15	24.4	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)2	9:56	25.2	0.8	W	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)3	9:45	24.7	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)4	10:06	24.3	0.4	S	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)5	11:09	25.4	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)5a	10:51	25.4	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)6	8:00	25.2	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)7	9:27	24.7	1.1	E	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)8	8:35	25.5	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)9	8:25	25.0	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)1	14:20	25.3	1.7	E	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)2	15:13	24.4	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)3	16:10	24.4	0.8	E	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)4	15:02	24.9	1.9	S	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)5	15:49	25.7	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)5a	15:39	25.9	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)6	14:06	25.6	0.0	/	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)7	16:22	25.2	2.3	E	1	Manure Smell	Livestock	No
3/04/2025	Fine	AM(O)8	14:40	25.9	1.0	E	0	N/A	N/A	N/A
3/04/2025	Fine	AM(O)9	14:29	24.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)1	8:15	25.0	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)2	9:26	25.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)3	9:05	25.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)4	9:16	25.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)5	10:17	24.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)5a	9:54	24.9	0.8	E	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)6	8:00	27.7	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)7	8:48	26.5	0.9	E	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)8	8:35	24.5	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)9	8:26	24.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)1	13:18	25.6	0.1	W	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)2	12:08	25.8	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)3	12:30	25.9	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)4	12:18	25.8	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)5	11:30	25.6	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)5a	11:46	26.4	0.4	E	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)6	13:26	27.0	0.0	/	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)7	12:45	26.6	0.4	E	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)8	12:58	27.1	0.2	NE	0	N/A	N/A	N/A
7/04/2025	Fine	AM(O)9	13:09	26.8	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
14/04/2025	Fine	AM(O)1	10:27	26.2	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)2	9:27	25.6	0.4	W	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)3	9:41	25.7	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)4	9:18	25.4	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)5	8:34	24.5	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)5a	8:56	25.3	0.3	E	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)6	10:39	24.8	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)7	9:49	25.4	0.3	E	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)8	10:01	26.1	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)9	10:12	26.0	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)1	16:03	27.4	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)2	14:53	27.3	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)3	15:13	26.5	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)4	14:44	26.3	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)5	14:19	25.8	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)5a	14:04	26.8	0.6	SE	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)6	16:17	26.2	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)7	15:28	25.4	0.4	E	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)8	15:37	26.4	0.0	/	0	N/A	N/A	N/A
14/04/2025	Fine	AM(O)9	15:48	26.8	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)1	8:22	28.4	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)2	9:11	33.8	1.4	SW	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)3	9:01	31.1	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)4	9:19	33.3	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)5	10:16	33.7	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)5a	9:59	28.2	2.2	SE	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)6	8:01	25.5	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)7	8:51	30.6	1.3	SE	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)8	8:39	30.4	1.0	NE	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)9	8:30	30.2	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)1	12:55	27.1	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)2	11:40	33.9	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)3	11:59	31.2	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)4	11:51	33.3	0.8	SE	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)5	11:00	33.4	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)5a	11:15	33.7	3.2	SE	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)6	13:26	27.3	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)7	12:08	30.5	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)8	13:11	30.2	0.0	/	0	N/A	N/A	N/A
17/04/2025	Sunny	AM(O)9	13:03	30.0	0.4	E	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
23/04/2025	Fine	AM(O)1	8:10	28.4	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)2	8:52	27.2	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)3	9:14	29.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)4	9:03	27.2	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)5	9:39	31.0	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)5a	10:04	30.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)6	8:00	30.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)7	8:42	29.2	0.0	/	1	Manure Smell	Livestock	No
23/04/2025	Fine	AM(O)8	8:32	28.7	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)9	8:20	29.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)1	17:14	30.8	0.8	NE	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)2	16:14	29.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)3	16:34	31.1	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)4	16:24	29.4	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)5	15:58	33.8	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)5a	15:33	31.2	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)6	17:24	28.6	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)7	16:44	30.2	1.1	SE	1	Manure Smell	Livestock	No
23/04/2025	Fine	AM(O)8	16:54	28.3	0.0	/	0	N/A	N/A	N/A
23/04/2025	Fine	AM(O)9	17:04	28.7	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)1	8:19	29.1	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)2	9:50	30.2	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)3	9:30	30.8	0.8	E	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)4	9:38	30.3	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)5	10:27	30.8	1.0	E	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)5a	10:09	29.3	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)6	8:13	29.1	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)7	8:50	28.9	0.9	SE	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)8	8:39	29.6	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)9	8:28	30.2	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)1	16:08	32.3	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)2	14:50	33.4	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)3	15:13	34.0	1.1	E	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)4	14:42	30.5	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)5	14:25	32.2	1.1	NE	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)5a	14:02	32.5	1.5	NE	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)6	16:17	29.1	0.0	/	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)7	15:26	32.1	1.6	SE	1	Manure Smell	Livestock	No
29/04/2025	Fine	AM(O)8	15:38	32.8	1.1	SE	0	N/A	N/A	N/A
29/04/2025	Fine	AM(O)9	15:50	33.4	1.4	SE	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
3/05/2025	Fine	AM(O)1	9:40	28.9	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)2	8:40	25.7	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)3	9:00	24.7	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)4	8:50	26.7	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)5	8:00	30.4	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)5a	8:25	31.2	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)6	9:50	28.0	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)7	9:10	29.0	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)8	9:20	29.7	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)9	9:30	28.2	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)1	14:45	29.1	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)2	13:45	26.5	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)3	14:05	25	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)4	13:55	27.3	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)5	13:00	30.2	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)5a	13:25	31.6	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)6	14:56	28.4	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)7	14:15	28.6	0.0	/	1	Manure Smell	Livestock	No
3/05/2025	Fine	AM(O)8	14:25	30.2	0.0	/	0	N/A	N/A	N/A
3/05/2025	Fine	AM(O)9	14:35	28.5	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)1	10:00	30.8	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)2	8:57	32.2	1.3	SE	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)3	9:13	32.9	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)4	8:48	29.6	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)5	8:10	31.6	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)5a	8:34	32.5	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)6	10:17	30.4	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)7	9:26	33.4	0.8	SE	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)8	9:37	30.8	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)9	9:46	30.6	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)1	11:26	33.7	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)2	12:52	33.8	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)3	12:16	34.5	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)4	12:39	34.3	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)5	13:40	32.8	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)5a	13:19	34.5	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)6	11:09	32.6	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)7	12:00	33.4	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)8	11:48	34.2	0.0	/	0	N/A	N/A	N/A
9/05/2025	Fine	AM(O)9	11:38	32.9	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
15/05/2025	Sunny	AM(O)1	8:10	26.1	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)2	9:55	27.8	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)3	9:45	30.1	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)4	10:05	28.3	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)5	9:25	28.7	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)5a	9:00	28.2	0.4	S	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)6	8:00	27.4	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)7	10:16	25.3	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)8	8:50	26.8	1.6	SE	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)9	8:20	25.9	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)1	14:15	32.4	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)2	15:47	33.2	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)3	15:13	32.2	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)4	15:38	33.5	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)5	16:23	30.8	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)5a	16:02	34.5	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)6	14:00	30.6	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)7	14:54	33.2	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)8	14:39	34.7	0.0	/	0	N/A	N/A	N/A
15/05/2025	Sunny	AM(O)9	14:28	33	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)1	9:35	29.8	1.4	E	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)2	8:35	28.0	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)3	8:55	32.4	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)4	8:45	32.0	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)5	8:25	35.8	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)5a	8:00	32.0	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)6	9:45	30.1	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)7	9:05	32.1	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)8	9:15	31.5	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)9	9:25	29.7	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)1	13:50	30.2	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)2	11:50	28.9	0.4	S	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)3	13:10	32.7	0.4	SE	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)4	13:00	33.2	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)5	11:25	35.6	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)5a	11:00	33	0.8	SE	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)6	14:01	31.2	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)7	13:20	32.4	1.7	SE	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)8	13:30	31.7	0.0	/	0	N/A	N/A	N/A
21/05/2025	Fine	AM(O)9	13:40	30	0.4	NE	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
27/05/2025	Fine	AM(O)1	9:40	31.6	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)2	8:40	27.8	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)3	9:00	31.1	0.8	SE	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)4	8:50	29.6	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)5	8:25	31.3	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)5a	8:00	30.8	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)6	9:50	27.9	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)7	9:10	30.7	1.5	SE	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)8	9:22	31.1	1.0	SE	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)9	9:34	31.6	0.8	E	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)1	14:40	32.1	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)2	13:40	28.1	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)3	14:00	31.7	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)4	13:50	29.4	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)5	13:25	31.5	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)5a	13:00	30.6	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)6	14:52	27.4	0.0	/	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)7	14:12	30.2	0.8	SE	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)8	14:22	30.9	1.8	SE	0	N/A	N/A	N/A
27/05/2025	Fine	AM(O)9	14:34	31.8	1.2	E	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)1	8:48	30.0	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)2	10:16	30.5	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)3	9:47	31.4	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)4	10:02	31.4	0.4	SE	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)5	10:53	29.6	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)5a	10:39	32.5	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)6	8:35	29.8	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)7	9:26	31.8	0.3	E	1	Manure Smell	Livestock	No
2/06/2025	Fine	AM(O)8	9:15	31.5	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)9	9:03	30.4	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)1	12:53	33.2	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)2	11:45	33.6	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)3	11:58	33.8	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)4	11:33	33.5	0.4	E	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)5	11:00	32.0	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)5a	11:19	33.8	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)6	13:32	32.1	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)7	12:12	32.6	0.8	E	1	Manure Smell	Livestock	No
2/06/2025	Fine	AM(O)8	12:25	33.4	0.0	/	0	N/A	N/A	N/A
2/06/2025	Fine	AM(O)9	12:40	32.5	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
7/06/2025	Fine	AM(O)1	9:40	31.5	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)2	8:40	31.6	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)3	9:00	34.4	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)4	8:50	31.5	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)5	8:00	32.8	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)5a	8:25	32.6	1.7	S	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)6	9:50	33.1	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)7	9:10	33.2	0.0	/	1	Manure Smell	Livestock	No
7/06/2025	Fine	AM(O)8	9:20	32.9	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)9	9:30	32.9	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)1	13:40	33.3	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)2	11:40	32.5	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)3	13:00	34.5	0.8	E	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)4	11:50	32.0	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)5	11:00	36.9	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)5a	11:25	34.5	2.3	S	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)6	13:50	33.9	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)7	13:10	34.0	0.4	SE	1	Manure Smell	Livestock	No
7/06/2025	Fine	AM(O)8	13:20	33.7	0.0	/	0	N/A	N/A	N/A
7/06/2025	Fine	AM(O)9	13:30	33.0	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)1	9:40	29.3	0.8	NE	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)2	8:37	30.0	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)3	8:57	29.9	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)4	8:47	30.7	1.9	S	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)5	8:25	32.2	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)5a	8:00	30.4	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)6	9:51	29.7	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)7	9:07	32.8	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)8	9:18	32.7	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)9	9:28	31.9	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)1	14:42	29.2	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)2	13:40	28.7	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)3	14:01	32	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)4	13:51	31.8	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)5	13:25	32	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)5a	13:00	30.8	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)6	14:53	29.7	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)7	14:11	33.2	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)8	14:22	35.1	0.0	/	0	N/A	N/A	N/A
13/06/2025	Fine	AM(O)9	14:34	32.8	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
19/06/2025	Fine	AM(O)1	9:43	31.8	1.1	N	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)2	8:41	26.3	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)3	9:03	28	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)4	8:51	28.2	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)5	8:20	36	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)5a	8:00	35.2	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)6	9:53	31.8	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)7	9:13	30.5	2.1	SE	1	Manure Smell	Livestock	No
19/06/2025	Fine	AM(O)8	9:23	29	0.4	E	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)9	9:33	30	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)1	14:41	32.8	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)2	13:42	26.7	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)3	14:02	28.4	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)4	13:52	27.4	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)5	13:30	35.9	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)5a	13:05	36	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)6	14:50	31.2	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)7	14:10	30.6	1.8	SE	1	Manure Smell	Livestock	No
19/06/2025	Fine	AM(O)8	14:20	29.4	0.0	/	0	N/A	N/A	N/A
19/06/2025	Fine	AM(O)9	14:31	30.6	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)1	9:40	30.2	0.8	E	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)2	8:41	31.4	1.8	E	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)3	9:01	31.2	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)4	8:51	31.5	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)5	8:26	30.2	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)5a	8:01	30.6	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)6	9:52	32.1	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)7	9:13	30.2	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)8	9:23	31.1	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)9	9:33	30.9	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)1	13:42	30.1	1.2	E	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)2	11:45	32.1	2.2	E	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)3	13:00	31.7	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)4	11:55	31.6	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)5	11:25	30.3	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)5a	11:00	30.3	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)6	13:52	32.2	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)7	13:10	30.1	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)8	13:20	31.3	0.0	/	0	N/A	N/A	N/A
25/06/2025	Fine	AM(O)9	13:33	31.2	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
30/06/2025	Fine	AM(O)1	10:00	30.4	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)2	8:53	31.2	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)3	9:17	31.3	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)4	8:46	31.6	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)5	8:25	30.4	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)5a	8:06	31.8	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)6	10:09	30.6	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)7	9:28	31.6	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)8	9:30	32.2	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)9	9:42	30.9	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)1	14:23	30.6	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)2	15:40	31.5	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)3	15:16	31.3	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)4	15:29	32	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)5	16:28	30.8	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)5a	16:02	31.2	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)6	14:09	30.8	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)7	15:00	30.5	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)8	14:47	31.2	0.0	/	0	N/A	N/A	N/A
30/06/2025	Fine	AM(O)9	14:36	30.8	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)1	9:31	30.2	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)2	10:32	30.2	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)3	10:12	31.4	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)4	10:22	30.5	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)5	8:00	30.1	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)5a	8:25	30.2	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)6	9:21	31.2	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)7	10:01	30.8	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)8	9:51	30.7	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)9	9:41	30.4	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)1	11:45	31.3	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)2	14:01	32.6	1.8	SE	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)3	13:21	34.3	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)4	13:31	34.2	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)5	11:02	31.6	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)5a	11:23	32.4	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)6	11:35	32.4	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)7	13:11	33.5	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)8	13:00	31.3	0.0	/	0	N/A	N/A	N/A
5/07/2025	Sunny	AM(O)9	11:55	32.2	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
11/07/2025	Fine	AM(O)1	9:12	28.5	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)2	8:42	28.6	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)3	9:02	29.4	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)4	8:52	29.2	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)5	8:25	28.8	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)5a	8:05	28.9	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)6	9:52	28.7	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)7	9:12	29.4	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)8	9:22	29.4	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)9	9:32	29.4	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)1	13:31	30.2	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)2	11:33	29.6	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)3	11:53	29.8	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)4	11:43	28.9	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)5	11:25	28.7	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)5a	11:00	28.6	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)6	13:42	30.8	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)7	13:00	30.4	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)8	13:10	30.6	0.0	/	0	N/A	N/A	N/A
11/07/2025	Fine	AM(O)9	13:20	30.4	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)1	9:18	28.2	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)2	8:28	27.5	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)3	8:18	27.7	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)4	8:33	27.5	1.3	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)5	10:15	28.3	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)5a	9:55	28.1	1.1	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)6	9:30	29.1	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)7	8:05	28.0	1.1	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)8	8:48	29.4	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)9	9:08	29.3	1.3	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)1	13:10	33.5	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)2	11:23	35.0	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)3	11:13	35.1	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)4	11:38	36.0	1.5	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)5	14:20	33.2	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)5a	13:55	33.0	1.0	SE	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)6	13:20	32.4	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)7	11:00	35.3	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)8	11:48	32.5	0.0	/	0	N/A	N/A	N/A
17/07/2025	Sunny	AM(O)9	13:00	33.5	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
23/07/2025	Fine	AM(O)1	9:38	33.0	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)2	8:37	30.5	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)3	8:51	31	0.8	SE	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)4	8:41	29.7	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)5	8:25	32.4	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)5a	8:00	30	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)6	9:48	30.1	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)7	9:08	30.1	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)8	9:18	31.8	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)9	8:29	31.1	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)1	13:42	33.2	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)2	11:46	33.2	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)3	13:00	31.2	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)4	11:56	33	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)5	11:26	32.2	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)5a	11:01	32	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)6	13:52	32.8	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)7	13:10	30.3	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)8	13:22	31.5	0.0	/	0	N/A	N/A	N/A
23/07/2025	Fine	AM(O)9	13:34	31.2	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)1	9:42	31.5	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)2	8:44	31.8	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)3	9:04	29.9	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)4	8:54	30.2	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)5	8:28	27.9	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)5a	8:03	27.8	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)6	9:52	27.5	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)7	9:12	30.3	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)8	9:22	28.1	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)9	9:52	29.4	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)1	14:41	33.8	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)2	13:45	33.2	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)3	14:01	34.8	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)4	13:55	32.1	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)5	13:25	34.5	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)5a	13:00	34.2	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)6	14:53	34.2	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)7	14:11	33.1	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)8	14:21	32.3	0.0	/	0	N/A	N/A	N/A
31/07/2025	Fine	AM(O)9	14:31	32.5	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
4/08/2025	Sunny	AM(O)1	10:40	29.4	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)2	9:23	26.7	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)3	9:42	25.6	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)4	9:12	26.4	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)5	8:11	26.5	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)5a	8:00	26.4	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)6	10:53	28.3	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)7	10:02	29.0	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)8	10:13	29.2	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)9	10:25	29.0	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)1	12:17	33.5	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)2	13:42	34.2	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)3	13:24	33.7	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)4	13:34	33.2	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)5	14:28	32.7	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)5a	14:06	34.5	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)6	12:06	32.6	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)7	12:59	33.4	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)8	12:49	34.4	0.0	/	0	N/A	N/A	N/A
4/08/2025	Sunny	AM(O)9	12:39	33.7	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)1	9:52	31.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)2	8:47	31.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)3	9:07	30.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)4	8:57	31.5	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)5	8:26	30.3	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)5a	8:01	29.8	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)6	10:03	32.1	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)7	9:17	32.6	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)8	9:27	33.1	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)9	9:37	32.8	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)1	13:58	34.3	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)2	11:49	33.3	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)3	13:10	32.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)4	13:00	32.6	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)5	11:25	33.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)5a	11:00	32.9	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)6	14:08	34.2	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)7	13:22	35.4	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)8	13:35	34.3	0.0	/	0	N/A	N/A	N/A
9/08/2025	Sunny	AM(O)9	13:48	35.1	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
15/08/2025	Fine	AM(O)1	9:48	31.6	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)2	8:47	30.0	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)3	9:07	33.8	4.0	SE	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)4	8:57	32.2	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)5	8:30	30.9	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)5a	8:05	29.6	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)6	9:58	30.2	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)7	9:17	33.6	2.7	SE	1	Manure Smell	Livestock	No
15/08/2025	Fine	AM(O)8	9:27	31.2	1.5	E	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)9	9:38	31.9	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)1	14:53	31.2	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)2	13:48	30.2	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)3	14:08	33.7	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)4	13:58	32.4	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)5	13:25	30.6	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)5a	13:00	29.8	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)6	15:03	30.1	0.0	/	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)7	14:23	33.8	1.8	SE	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)8	14:33	31.5	1.5	E	0	N/A	N/A	N/A
15/08/2025	Fine	AM(O)9	14:43	32.0	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)1	8:40	32.5	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)2	10:06	32.6	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)3	9:35	33.2	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)4	9:43	32.0	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)5	10:35	31.2	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)5a	10:18	33.8	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)6	8:30	31.5	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)7	9:17	32.2	1.4	E	1	Manure Smell	Livestock	No
21/08/2025	Sunny	AM(O)8	9:06	33.7	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)9	8:56	32.8	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)1	12:35	33.3	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)2	14:07	33.6	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)3	13:34	33.5	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)4	13:50	33.5	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)5	15:04	32.8	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)5a	14:30	34.3	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)6	12:08	32.6	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)7	13:18	32.8	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)8	13:05	34.0	0.0	/	0	N/A	N/A	N/A
21/08/2025	Sunny	AM(O)9	12:49	32.8	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
27/08/2025	Sunny	AM(O)1	9:46	34.3	1.9	NE	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)2	8:46	30.2	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)3	9:06	31.5	1.1	SE	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)4	8:56	30.6	1.5	SE	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)5	8:26	35.9	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)5a	8:01	33.6	0.8	SW	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)6	9:56	33.9	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)7	9:16	34.7	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)8	9:26	34.7	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)9	9:36	33.7	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)1	13:40	35.2	1.3	NE	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)2	11:45	30.8	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)3	13:00	32.0	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)4	11:55	31.6	1.0	SE	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)5	11:25	36.0	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)5a	11:00	34.7	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)6	13:50	33.7	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)7	13:10	36.6	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)8	13:20	35.3	0.0	/	0	N/A	N/A	N/A
27/08/2025	Sunny	AM(O)9	13:30	34.0	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)1	9:45	29.1	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)2	8:45	29.6	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)3	9:05	28.0	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)4	8:55	28.4	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)5	8:25	33.4	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)5a	8:00	33.6	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)6	9:55	29.1	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)7	9:15	31.3	1.3	SE	1	Manure Smell	Livestock	No
2/09/2025	Sunny	AM(O)8	9:25	30.1	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)9	9:35	29.4	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)1	13:50	30.2	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)2	11:47	30.4	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)3	13:10	29.0	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)4	13:00	29.5	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)5	11:27	36.0	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)5a	11:02	34.4	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)6	14:00	30.6	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)7	13:20	32.0	0.0	/	1	Manure Smell	Livestock	No
2/09/2025	Sunny	AM(O)8	13:30	31.0	0.0	/	0	N/A	N/A	N/A
2/09/2025	Sunny	AM(O)9	13:40	29.6	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
8/09/2025	Fine	AM(O)1	11:00	27.6	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)2	9:45	25.6	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)3	10:15	25.5	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)4	9:55	28.3	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)5	9:00	26.4	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)5a	9:25	28.1	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)6	11:10	27.1	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)7	10:30	26.8	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)8	10:40	30.1	0.0	/	1	Manure Smell	Livestock	No
8/09/2025	Fine	AM(O)9	10:50	27.1	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)1	14:58	28.3	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)2	13:45	28.5	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)3	14:17	28.8	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)4	13:55	28.6	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)5	13:00	27.5	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)5a	13:25	28.5	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)6	15:08	27.4	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)7	14:26	27.3	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)8	14:39	30.3	0.0	/	0	N/A	N/A	N/A
8/09/2025	Fine	AM(O)9	14:48	27.5	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)1	9:48	35.6	0.8	N	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)2	8:48	29.4	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)3	9:08	33.2	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)4	8:58	31.8	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)5	8:26	31.1	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)5a	8:01	35.1	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)6	9:59	33.9	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)7	9:18	36.0	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)8	9:28	36.9	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)9	9:37	36.1	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)1	13:50	35.7	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)2	11:49	33.5	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)3	13:10	33.5	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)4	13:00	31.9	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)5	11:27	31.5	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)5a	11:02	36	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)6	14:00	33.6	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)7	13:20	33.5	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)8	13:32	36.4	0.0	/	0	N/A	N/A	N/A
13/09/2025	Sunny	AM(O)9	13:48	36.5	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
19/09/2025	Fine	AM(O)1	9:50	30.8	2.1	NE	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)2	8:50	26.7	1.3	SW	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)3	9:10	28.5	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)4	9:00	27.8	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)5	8:25	31.9	0.8	NW	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)5a	8:00	27.2	1.1	S	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)6	10:00	27	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)7	9:00	31.4	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)8	9:30	29.5	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)9	9:40	30.8	1.3	NE	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)1	13:40	30.8	1.3	NE	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)2	11:45	27	0.4	SW	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)3	13:00	28.6	1.4	E	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)4	11:55	28.3	1.1	SE	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)5	11:25	31.7	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)5a	11:00	27.7	0.8	S	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)6	13:50	27.4	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)7	13:10	31.5	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)8	13:20	30	0.0	/	0	N/A	N/A	N/A
19/09/2025	Fine	AM(O)9	13:30	30.1	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)1	9:48	28.4	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)2	8:48	28.9	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)3	9:08	29.6	0.8	SE	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)4	8:58	29.4	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)5	8:02	29.8	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)5a	8:27	29.8	0.8	SW	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)6	9:58	29.6	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)7	9:18	29.4	0.6	SE	1	Manure Smell	Livestock	No
25/09/2025	Fine	AM(O)8	9:28	29.7	0.8	E	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)9	9:38	29.7	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)1	13:40	31.5	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)2	11:45	32.4	2.5	SW	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)3	13:00	30.9	0.8	SE	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)4	11:55	32.7	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)5	11:00	31.0	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)5a	11:25	31.8	2.1	SW	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)6	13:50	32.0	0.0	/	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)7	13:10	32.1	1.5	SE	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)8	13:22	32.6	0.4	E	0	N/A	N/A	N/A
25/09/2025	Fine	AM(O)9	13:30	31.4	0.8	NE	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
30/09/2025	Sunny	AM(O)1	10:00	33.0	0.4	NE	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)2	9:00	32.8	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)3	9:20	31.0	0.4	E	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)4	9:10	31.2	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)5	8:05	32.7	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)5a	8:40	32.6	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)6	10:10	32.5	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)7	9:30	33.4	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)8	9:42	33.9	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)9	9:50	33.3	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)1	13:52	34.1	1.0	NE	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)2	11:52	33.7	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)3	13:11	32.2	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)4	13:01	32.4	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)5	11:00	33.4	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)5a	11:35	30.5	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)6	14:01	33.4	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)7	13:21	34.5	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)8	13:31	35.2	0.0	/	0	N/A	N/A	N/A
30/09/2025	Sunny	AM(O)9	13:41	34.4	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)1	9:45	31.3	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)2	8:45	32.5	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)3	9:05	28.4	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)4	8:55	28.1	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)5	8:05	30.9	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)5a	8:35	31.5	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)6	9:55	30.1	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)7	9:15	30.1	1.0	SE	1	Manure Smell	Livestock	No
6/10/2025	Fine	AM(O)8	9:24	30.1	1.3	E	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)9	9:39	29.8	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)1	13:40	32.4	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)2	11:40	32.6	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)3	13:00	33.0	0.4	SE	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)4	11:50	32.6	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)5	11:04	31.0	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)5a	11:34	31.1	2.3	S	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)6	13:52	32.3	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)7	13:10	31.3	0.0	/	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)8	13:18	30.1	1.3	E	0	N/A	N/A	N/A
6/10/2025	Fine	AM(O)9	13:33	31.4	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
11/10/2025	Fine	AM(O)1	9:47	30.4	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)2	8:42	30.3	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)3	9:08	30.6	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)4	8:56	31.0	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)5	8:04	30.4	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)5a	8:26	30.2	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)6	10:08	31.1	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)7	9:17	30.8	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)8	9:26	31.2	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)9	9:32	30.6	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)1	14:30	32.3	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)2	13:49	32.3	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)3	13:04	31.5	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)4	13:57	31.4	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)5	13:17	32.0	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)5a	13:39	30.8	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)6	14:48	31.3	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)7	14:00	31.4	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)8	14:09	32.0	0.0	/	0	N/A	N/A	N/A
11/10/2025	Fine	AM(O)9	14:22	31.2	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)1	8:10	30.1	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)2	9:51	32.3	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)3	8:50	33.1	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)4	10:07	28.1	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)5	9:27	35	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)5a	9:02	34.1	2.1	S	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)6	8:00	30.2	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)7	8:40	32.5	1.7	E	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)8	8:28	31.7	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)9	8:19	31.3	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)1	13:10	30.2	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)2	14:47	33.2	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)3	13:50	32.9	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)4	14:57	28.5	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)5	14:26	35.6	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)5a	14:01	34.2	1.0	S	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)6	13:00	30.4	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)7	13:42	34.5	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)8	13:32	32.1	0.0	/	0	N/A	N/A	N/A
17/10/2025	Sunny	AM(O)9	13:20	29.9	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
23/10/02025	Fine	AM(O)1	8:10	24.7	1.1	NE	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)2	9:00	24.6	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)3	8:50	25.3	1.2	SE	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)4	9:10	24.6	1.5	S	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)5	10:53	29.8	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)5a	9:42	30.2	2.3	SW	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)6	8:00	24.6	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)7	8:38	23.5	0.8	SE	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)8	8:31	27.5	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)9	8:20	27.5	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)1	13:10	23.7	1.0	NE	1	Waste Smell	NENT Landfill	No
23/10/02025	Fine	AM(O)2	14:00	24.7	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)3	13:50	25.3	1.1	SE	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)4	14:10	25.6	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)5	14:55	29.5	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)5a	14:40	30.1	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)6	13:00	24.7	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)7	13:40	25.3	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)8	13:28	27.4	0.0	/	0	N/A	N/A	N/A
23/10/02025	Fine	AM(O)9	13:22	27	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)1	9:45	23.6	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)2	8:45	23.6	0.4	S	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)3	9:15	23.8	1.3	E	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)4	8:55	23.3	2.2	SE	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)5	8:25	22.4	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)5a	8:00	22.1	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)6	9:55	23.1	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)7	9:05	23.5	0.4	SE	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)8	9:25	25.6	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)9	9:36	22.4	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)1	13:40	23.6	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)2	11:45	23.8	0.8	S	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)3	13:10	23.7	1.7	E	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)4	11:55	23.4	0.4	SE	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)5	11:25	22.4	0.2	S	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)5a	11:00	22.2	1.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)6	13:50	23.1	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)7	13:00	23.7	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)8	13:20	25.6	0.0	/	0	N/A	N/A	N/A
29/10/2025	Fine	AM(O)9	13:30	22.6	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
1/11/2025	Sunny	AM(O)1	8:10	28.5	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)2	9:47	27.1	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)3	10:07	28	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)4	9:57	27.1	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)5	9:25	28.6	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)5a	9:00	27.3	0.8	SW	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)6	8:00	26.4	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)7	8:40	28.5	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)8	8:29	28.6	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)9	8:18	30.1	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)1	13:10	28.6	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)2	14:40	27.6	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)3	15:09	28.1	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)4	14:46	27.2	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)5	14:00	28.6	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)5a	14:24	27.4	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)6	13:00	26.7	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)7	13:40	28.8	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)8	13:32	28.8	0.0	/	0	N/A	N/A	N/A
1/11/2025	Sunny	AM(O)9	13:20	30.2	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)1	9:32	27.6	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)2	8:05	27.5	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)3	8:52	27.3	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)4	8:15	28.5	0.8	SE	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)5	8:42	28.8	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)5a	8:32	27.8	1.9	S	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)6	9:42	28.1	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)7	9:02	29.3	2.1	E	1	Manure Smell	Livestock	No
7/11/2025	Fine	AM(O)8	9:12	27.0	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)9	9:22	27.4	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)1	13:30	27.8	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)2	11:00	30.4	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)3	11:52	26.7	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)4	11:10	30.2	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)5	11:40	31.8	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)5a	11:21	27.4	1.4	S	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)6	13:40	28.0	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)7	13:00	27.2	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)8	13:11	27.2	0.0	/	0	N/A	N/A	N/A
7/11/2025	Fine	AM(O)9	13:23	27.3	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
13/11/2025	Fine	AM(O)1	9:47	26.5	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)2	8:49	25.8	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)3	9:08	25.8	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)4	8:59	26.2	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)5	8:34	25.9	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)5a	8:09	26.1	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)6	9:57	25.3	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)7	9:16	26.3	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)8	9:25	26.1	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)9	9:35	27.4	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)1	14:58	27.3	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)2	13:49	27.2	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)3	14:10	26.6	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)4	14:00	27.2	0.2	E	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)5	13:25	27.1	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)5a	13:00	26.8	0.4	S	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)6	15:08	27.0	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)7	14:22	26.4	0.2	E	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)8	14:35	26.3	0.0	/	0	N/A	N/A	N/A
13/11/2025	Fine	AM(O)9	14:48	27.1	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)1	9:23	24.2	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)2	8:33	24.5	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)3	8:21	24.7	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)4	8:44	26.5	0.8	S	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)5	10:20	24.3	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)5a	10:00	25.1	0.9	S	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)6	9:36	25.3	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)7	8:10	25.2	1.1	SE	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)8	8:53	24.4	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)9	9:14	24.1	1.2	SE	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)1	14:15	25.6	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)2	13:33	26.0	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)3	13:18	25.1	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)4	13:43	26.0	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)5	15:25	26.3	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)5a	15:00	26.0	1.0	SE	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)6	14:25	26.4	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)7	13:05	24.5	1.2	SE	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)8	13:53	26.5	0.0	/	0	N/A	N/A	N/A
19/11/2025	Fine	AM(O)9	14:05	26.2	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
25/11/2025	Fine	AM(O)1	9:43	24.8	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)2	8:45	25.3	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)3	8:03	25.4	0.4	SE	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)4	8:53	25.1	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)5	8:27	24.8	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)5a	8:02	24.5	0.4	SW	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)6	9:53	24.8	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)7	9:14	25.4	0.8	SE	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)8	9:23	25.7	0.4	E	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)9	9:34	25.6	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)1	14:45	24.9	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)2	13:45	24.9	1.1	SW	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)3	14:07	25	0.8	SE	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)4	13:55	25.2	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)5	13:30	25.4	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)5a	13:02	24.9	0.9	SE	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)6	14:53	24.5	0.0	/	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)7	14:16	25	1.2	SE	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)8	14:25	25.3	0.5	E	0	N/A	N/A	N/A
25/11/2025	Fine	AM(O)9	14:36	24.7	0.8	NE	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)1	9:57	25.1	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)2	8:52	24.1	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)3	9:12	25.6	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)4	9:02	24.1	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)5	8:31	24.8	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)5a	8:06	24.3	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)6	10:08	24.5	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)7	9:22	25.2	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)8	9:32	25.2	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)9	9:47	24.8	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)1	14:36	26.1	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)2	15:37	26.3	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)3	15:17	27.1	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)4	15:27	27.3	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)5	13:00	27.2	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)5a	13:25	26.8	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)6	14:21	27.3	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)7	15:06	27.6	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)8	14:56	26.5	0.0	/	0	N/A	N/A	N/A
1/12/2025	Fine	AM(O)9	14:46	26.4	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
6/12/2025	Fine	AM(O)1	9:37	25.6	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)2	8:11	26.5	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)3	8:57	26.3	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)4	8:20	26.5	0.4	S	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)5	8:46	26.8	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)5a	8:37	25	0.8	S	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)6	9:47	27.1	0.6	SE	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)7	9:07	27.3	0.0	/	1	Manure Smell	Livestock	N/A
6/12/2025	Fine	AM(O)8	9:16	26	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)9	9:27	26.4	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)1	13:37	25.8	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)2	11:06	28.4	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)3	11:59	26.7	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)4	11:16	27.2	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)5	11:47	27.8	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)5a	11:28	26.4	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)6	13:48	27.0	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)7	13:03	26.4	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)8	13:16	26.2	0.0	/	0	N/A	N/A	N/A
6/12/2025	Fine	AM(O)9	13:27	26.3	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)1	9:34	23.5	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)2	8:36	24.6	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)3	8:57	24.1	0.8	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)4	8:46	24.7	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)5	8:24	22.6	0.4	SE	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)5a	8:02	23.4	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)6	9:46	24.7	0.2	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)7	9:08	25.4	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)8	9:17	25.4	0.4	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)9	9:29	25.0	1.3	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)1	13:42	24.6	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)2	11:48	25.2	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)3	13:02	25.1	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)4	11:56	23.3	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)5	11:28	23.8	0.4	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)5a	11:02	23.3	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)6	13:56	23.3	0.2	SE	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)7	13:11	24.7	0.0	/	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)8	13:23	25.6	0.4	S	0	N/A	N/A	N/A
12/12/2025	Fine	AM(O)9	13:29	25.1	0.5	SE	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
18/12/2025	Fine	AM(O)1	9:42	24.5	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)2	8:42	23.8	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)3	9:02	24.1	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)4	8:52	23.9	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)5	8:27	22.5	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)5a	8:02	23.5	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)6	9:53	23.1	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)7	9:12	24.5	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)8	9:24	23.9	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)9	9:37	25.4	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)1	14:44	22.6	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)2	13:42	24.5	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)3	14:02	24.9	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)4	13:52	21.8	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)5	13:27	23.3	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)5a	13:00	23.1	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)6	14:56	22.2	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)7	14:14	24.0	0.0	/	1	Manure Smell	Livestock	No
18/12/2025	Fine	AM(O)8	14:24	24.8	0.0	/	0	N/A	N/A	N/A
18/12/2025	Fine	AM(O)9	14:36	23.9	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)1	9:41	24.9	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)2	8:41	25.3	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)3	9:01	25.7	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)4	8:51	25.1	0.4	S	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)5	8:25	24.0	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)5a	8:00	24.4	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)6	9:51	23.3	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)7	9:11	26.0	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)8	9:21	25.7	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)9	9:31	26.6	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)1	13:41	24.5	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)2	11:38	24.9	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)3	13:00	25.2	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)4	11:50	24.0	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)5	11:24	23.9	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)5a	11:00	24.1	0.7	S	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)6	13:49	23.5	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)7	13:09	25.8	0.3	S	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)8	13:21	25.1	0.0	/	0	N/A	N/A	N/A
24/12/2025	Fine	AM(O)9	13:30	25.7	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
30/12/2025	Fine	AM(O)1	9:46	22.8	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)2	8:46	24.3	0.3	SE	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)3	9:07	23.8	0.2	S	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)4	8:57	22.6	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)5	8:25	20.6	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)5a	8:01	23.1	0.4	S	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)6	9:58	23.6	0.5	SE	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)7	9:16	24.1	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)8	9:27	24.9	0.3	S	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)9	9:38	25.1	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)1	14:42	22.8	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)2	13:43	24.3	0.3	S	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)3	14:01	24.7	0.2	S	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)4	13:51	23.6	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)5	13:26	23.6	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)5a	13:01	24.3	0.2	SE	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)6	14:58	23.5	0.3	SE	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)7	14:16	24.8	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)8	14:23	24.9	0.0	/	0	N/A	N/A	N/A
30/12/2025	Fine	AM(O)9	14:36	25.3	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)1	9:36	25.8	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)2	8:33	25.3	1.4	S	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)3	8:56	26.8	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)4	8:47	23.6	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)5	8:23	25.6	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)5a	8:00	25.1	1.0	SW	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)6	9:46	25.6	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)7	9:06	26.1	1.6	NE	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)8	9:16	25.9	1.5	E	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)9	9:27	27.1	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)1	13:29	25.8	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)2	11:33	26.0	1.5	S	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)3	11:57	26.6	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)4	11:43	23.3	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)5	11:26	25.5	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)5a	10:59	25.3	1.2	SW	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)6	13:38	25.6	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)7	13:01	26.4	0.0	/	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)8	13:09	26.2	0.8	E	0	N/A	N/A	N/A
5/01/2026	Sunny	AM(O)9	13:19	26.8	1.3	NE	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
9/01/2026	Sunny	AM(O)1	9:51	9.2	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)2	8:48	8.2	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)3	9:11	8.0	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)4	8:58	8.0	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)5	8:32	8.0	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)5a	8:03	8.2	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)6	9:59	8.5	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)7	9:22	8.3	1.1	E	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)8	9:32	8.7	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)9	9:39	8.8	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)1	13:41	21.2	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)2	11:44	21.0	3.0	S	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)3	13:01	19.5	1.0	NE	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)4	11:54	22.6	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)5	11:25	18.5	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)5a	11:00	18.8	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)6	13:51	18.7	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)7	13:11	21.3	0.0	/	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)8	13:21	21.8	1.0	NE	0	N/A	N/A	N/A
9/01/2026	Sunny	AM(O)9	13:31	19.2	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)1	9:41	22.8	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)2	8:43	19.8	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)3	9:03	22.5	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)4	8:51	22.5	1.0	S	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)5	8:27	19.2	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)5a	8:01	19.7	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)6	9:54	22.3	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)7	9:10	22.6	0.8	SE	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)8	9:20	22.8	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)9	9:34	22.7	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)1	13:41	22.6	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)2	11:42	19.9	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)3	13:00	22.7	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)4	11:53	22.3	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)5	11:24	19.9	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)5a	10:58	19.2	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)6	13:51	22.5	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)7	13:08	22.3	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)8	13:22	22.7	0.0	/	0	N/A	N/A	N/A
15/01/2026	Sunny	AM(O)9	13:29	22.8	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
21/01/2026	Fine	AM(O)1	9:42	20.8	0.1	SE	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)2	8:40	19.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)3	9:03	21.5	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)4	8:49	20.5	0.4	S	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)5	8:25	17.2	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)5a	8:03	17.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)6	9:50	20.3	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)7	9:13	21.6	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)8	9:19	21.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)9	9:32	22.7	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)1	14:36	23.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)2	15:35	22.6	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)3	15:17	24.5	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)4	15:28	23.5	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)5	13:01	20.2	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)5a	13:26	20.7	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)6	14:19	21.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)7	15:04	23.3	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)8	14:58	23.8	0.0	/	0	N/A	N/A	N/A
21/01/2026	Fine	AM(O)9	14:47	24.5	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)1	9:36	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)2	8:36	20.2	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)3	8:54	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)4	8:46	20.9	1.5	SE	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)5	8:24	21.7	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)5a	8:01	22.4	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)6	9:47	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)7	9:04	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)8	9:14	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)9	9:23	20.2	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)1	13:31	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)2	11:35	20.0	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)3	11:57	20.1	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)4	11:44	20.2	1.5	SE	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)5	11:25	22.6	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)5a	11:00	22.7	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)6	13:42	20.7	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)7	13:02	20.2	0.0	/	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)8	13:08	20.1	2.8	W	0	N/A	N/A	N/A
27/01/2026	Fine	AM(O)9	13:21	20.4	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
2/02/2026	Sunny	AM(O)1	9:42	16.1	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)2	8:44	14.6	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)3	9:05	16.5	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)4	8:54	14.3	0.4	NW	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)5	8:27	14.2	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)5a	8:01	14.1	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)6	9:51	16.2	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)7	9:12	16.1	1.1	NW	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)8	9:21	16.7	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)9	9:35	16.3	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)1	13:38	16.3	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)2	11:45	15.5	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)3	13:02	17.1	0.8	NW	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)4	11:55	17.3	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)5	11:31	14.0	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)5a	11:04	15.5	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)6	13:46	16.5	0.0	/	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)7	13:12	17.4	1.5	NW	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)8	13:18	17.3	1.4	SW	0	N/A	N/A	N/A
2/02/2026	Sunny	AM(O)9	13:31	16.4	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)1	9:41	22.6	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)2	8:44	20.9	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)3	9:00	22.6	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)4	8:51	22.5	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)5	8:27	22.2	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)5a	8:01	20.7	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)6	9:54	20.6	0.8	NW	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)7	9:10	24.2	1.1	NW	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)8	9:24	24.0	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)9	9:33	22.0	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)1	13:42	24.3	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)2	11:41	21.0	1.9	SW	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)3	12:59	19.4	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)4	11:48	22.7	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)5	11:27	22.4	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)5a	10:59	19.3	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)6	13:52	23.4	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)7	13:08	24.9	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)8	13:21	24.8	0.0	/	0	N/A	N/A	N/A
7/02/2026	Fine	AM(O)9	13:28	24.2	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
13/02/2026	Sunny	AM(O)1	9:40	19.3	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)2	8:44	23.7	1.4	N	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)3	9:01	22.5	1.3	W	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)4	8:50	23.9	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)5	8:24	24.1	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)5a	8:00	24.2	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)6	9:49	19.8	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)7	9:09	23.5	1.7	NW	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)8	9:25	19.2	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)9	9:32	19.4	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)1	13:42	26.7	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)2	11:48	22.9	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)3	13:00	22.2	0.8	W	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)4	11:57	24.8	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)5	11:26	24.1	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)5a	10:59	23.7	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)6	13:51	23.4	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)7	13:12	27.5	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)8	13:21	26.5	0.0	/	0	N/A	N/A	N/A
13/02/2026	Sunny	AM(O)9	13:30	26.0	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)1	9:43	29.2	1.4	NE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)2	8:42	27.3	1.3	NE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)3	9:05	27.3	1.3	NE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)4	8:52	27.8	2.5	SE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)5	8:23	27.4	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)5a	8:00	22.7	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)6	9:56	29.8	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)7	9:12	28.9	1.1	SE	1	Manure Smell	Livestock	No
14/02/2026	Sunny	AM(O)8	9:26	29.1	2.7	NE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)9	9:32	28.5	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)1	13:39	29.8	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)2	11:44	27.9	2.2	SW	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)3	13:02	28.2	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)4	11:55	27.6	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)5	11:24	27.6	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)5a	11:02	27.2	1.6	SW	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)6	13:48	29.2	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)7	13:09	28.9	0.0	/	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)8	13:20	29.7	2.2	NE	0	N/A	N/A	N/A
14/02/2026	Sunny	AM(O)9	13:22	28.5	0.0	/	0	N/A	N/A	N/A

Date	Weather	Location	Time	Temperature (oC)	Wind Speed (m/s)	Wind Direction	Odour Intensity	Odour Characteristic	Possible Source	From Project Site
20/02/2026	Fine	AM(O)1	9:42	22.6	0.5	S	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)2	8:42	21.5	0.3	SW	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)3	9:02	21.7	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)4	8:52	21.3	0.1	S	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)5	8:27	21.1	0.3	S	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)5a	8:02	21.7	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)6	9:53	22.1	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)7	9:12	21.3	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)8	9:24	21.4	0.1	SW	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)9	9:37	21.5	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)1	14:44	22.6	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)2	13:42	21.9	0.1	S	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)3	14:02	22.0	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)4	13:52	21.9	0.2	SW	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)5	13:27	21.3	0.2	SW	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)5a	13:00	21.5	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)6	14:56	21.5	0.1	SW	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)7	14:14	21.3	0.3	S	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)8	14:24	21.8	0.0	/	0	N/A	N/A	N/A
20/02/2026	Fine	AM(O)9	14:36	21.4	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)1	9:36	21.8	1.1	NE	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)2	8:33	21.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)3	8:57	21.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)4	8:46	21.1	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)5	8:24	21.1	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)5a	8:01	21.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)6	9:44	21.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)7	9:07	20.9	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)8	9:13	20.8	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)9	9:23	20.7	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)1	13:30	22.3	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)2	11:33	21.1	1.7	NE	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)3	11:55	21.3	0.8	S	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)4	11:46	20.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)5	11:25	21.2	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)5a	11:01	21.2	2.1	N	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)6	13:42	21.5	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)7	12:58	21.3	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)8	13:10	20.9	0.0	/	0	N/A	N/A	N/A
24/02/2026	Fine	AM(O)9	13:22	21.5	0.0	/	0	N/A	N/A	N/A

Appendix 3.3
Monitoring Results for Baseline Air Quality (NH₃ & H₂S)
Monitoring

Baseline Ammonia (NH₃) & Hydrogen Sulphide (H₂S) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)				Remarks
				Laboratory Analysis				
				Ammonia (NH ₃) (µg/m ³)		Hydrogen Sulphide (H ₂ S) (µg/m ³)		
				Value	Limit Level	Value	Limit Level	
AM(O)1	07-Apr-2025	15:44	Fine	6	>180	<23	>42	
	02-Jul-2025	9:48	Fine	<5	>180	<23	>42	
	05-Nov-2025	14:10	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)2	07-Apr-2025	10:14	Fine	7	>180	<23	>42	
	17-Jul-2025	13:00	Fine	10	>180	<23	>42	
	07-Nov-2025	9:44	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)3	07-Apr-2025	7:02	Fine	12	>180	<23	>42	
	17-Jul-2025	9:40	Fine	5	>180	<23	>42	
	05-Nov-2025	10:45	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)4	07-Apr-2025	10:06	Fine	-	>180	<23	>42	
	10-Apr-2025	13:27	Fine	<5	>180	-	>42	
	17-Jul-2025	13:20	Fine	7	>180	<23	>42	
	07-Nov-2025	9:52	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)5	07-Apr-2025	13:10	Fine	<5	>180	<23	>42	
	29-Jul-2025	13:05	Fine	<5	>180	<23	>42	
	05-Nov-2025	8:30	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)5a	07-Apr-2025	12:55	Fine	7	>180	<23	>42	
	29-Jul-2025	13:25	Fine	6	>180	<23	>42	
	05-Nov-2025	8:00	Fine	6	>180	<23	>42	
					>180		>42	
AM(O)6	07-Apr-2025	15:39	Fine	7	>180	<23	>42	
	02-Jul-2025	10:10	Fine	<5	>180	<23	>42	
	07-Nov-2025	13:19	Fine	5	>180	<23	>42	
					>180		>42	
AM(O)7	07-Apr-2025	7:41	Fine	35	>180	<23	>42	
	17-Jul-2025	9:30	Fine	24	>180	<23	>42	
	05-Nov-2025	10:50	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)8	07-Apr-2025	18:36	Fine	6	>180	<23	>42	
	02-Jul-2025	12:49	Fine	<5	>180	<23	>42	
	07-Nov-2025	13:00	Fine	<5	>180	<23	>42	
					>180		>42	
AM(O)9	07-Apr-2025	18:17	Fine	6	>180	<23	>42	
	02-Jul-2025	12:39	Fine	7	>180	<23	>42	
	04-Nov-2025	14:03	Fine	<5	>180	<23	>42	
					>180		>42	

Remarks:

(1) Red text with red highlight refer to exceed the limit level.

Appendix 4.1

Calibration Certificates for Baseline Landfill Gas (CH₄, CO₂ & O₂) (Surface Gas Emission & Monitoring Borehole) Monitoring



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CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG
CLIENT: ALS TECHNICHEM (HK) PTY LTD
ADDRESS: 11/F., CHUNG SHUN KNITTING CENTRE,
1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2510946

SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 19-Mar-2025
DATE OF ISSUE: 27-Mar-2025

SPECIFIC COMMENTS

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

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

The "Instrument Specification" 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 principles 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.

Equipment Type: Landfill Gas Analyser
Service Nature: Performance Check
Scope: Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.: GA5000
Serial No./Equipment No.: G508090 (HK2096)
Date of Calibration: 27 March, 2025

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen
Manager - Organics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2510946
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 27-Mar-2025

Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G508090 (HK2096)
Date of Calibration: 27 March, 2025

Next Calibration Date: 27 April, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
10.0	9.9	-0.1	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.1	0.0	± 0.5
1.0	1.3	0.3	± 0.5
10.1	10.6	0.5	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.3	23.6	0.3	± 1.0

Ms Chan Ka Yu, Karen
Manager - Organics



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CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG
CLIENT: ALS TECHNICHEM (HK) PTY LTD
ADDRESS: 11/F., CHUNG SHUN KNITTING CENTRE,
1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2513368

SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 03-Apr-2025
DATE OF ISSUE: 11-Apr-2025

SPECIFIC COMMENTS

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.
The performance of the equipment stated in this report is checked with independent reference material and results are compared against a calibrated secondary source.
The "Instrument Specification" 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 principles 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.

Equipment Type: Landfill Gas Analyser
Service Nature: Performance Check
Scope: Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.: GA5000
Serial No./Equipment No.: G508090 (HK2096)
Date of Calibration: 11 April, 2025

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen
Manager - Organics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2513368
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 11-Apr-2025

Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G508090 (HK2096)
Date of Calibration: 11 April, 2025

Next Calibration Date: 11 May, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	0.9	-0.1	± 0.5
10.0	10.0	0.0	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.1	0.0	± 0.5
1.0	1.3	0.3	± 0.5
10.1	10.6	0.5	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.3	23.5	0.2	± 1.0

A handwritten signature in blue ink, appearing to read 'Karen'.

Ms Chan Ka Yu, Karen
Manager - Organics



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CERTIFICATE OF ANALYSIS

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WORK ORDER: HK2521258

SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 28-May-2025
DATE OF ISSUE: 30-May-2025

SPECIFIC COMMENTS

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

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

The "Instrument Specification" 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 principles 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.

Equipment Type: Landfill Gas Analyser
Service Nature: Performance Check
Scope: Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.: GA5000
Serial No./Equipment No.: G508090 (HK2096)
Date of Calibration: 30 May, 2025

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen
Manager - Organics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2521258
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 30-May-2025

Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G508090 (HK2096)
Date of Calibration: 30 May, 2025

Next Calibration Date: 30 June, 2025

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	0.9	-0.1	± 0.5
10.0	10.0	0.0	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.1	0.0	± 0.5
1.0	1.3	0.3	± 0.5
10.1	10.6	0.5	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
23.3	23.5	0.2	± 1.0

Ms Chan Ka Yu, Karen
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CERTIFICATE OF ANALYSIS

CONTACT: MR IVAN LEUNG
CLIENT: ALS TECHNICHEM (HK) PTY LTD
ADDRESS: 11/F., CHUNG SHUN KNITTING CENTRE,
1-3 WING YIP STREET, KWAI CHUNG, N.T.

WORK ORDER: HK2524264

SUB BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 12-Jun-2025
DATE OF ISSUE: 19-Jun-2025

SPECIFIC COMMENTS

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

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

The "Instrument Specification" 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 principles 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.

Equipment Type: Landfill Gas Analyser
Service Nature: Performance Check
Scope: Carbon dioxide, Methane and Oxygen
Brand Name/ Model No.: GA5000
Serial No./Equipment No.: G507306 (HK1935)
Date of Calibration: 19 June, 2025

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Ms Chan Ka Yu, Karen
Manager - Organics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2524264
Sub-Batch: 0
Client: ALS TECHNICHEM (HK) PTY LTD
Date of Issue: 19-Jun-2025

Equipment Type: Landfill Gas Analyser
Brand Name/
Model No.: GA5000
Serial No./
Equipment No.: G507306 (HK1935)
Date of Calibration: 19 June, 2025

Next Calibration Date: 19 June, 2026

Parameters:

Methane

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
10.0	10.5	0.5	± 0.5
49.8	49.4	-0.4	± 0.5

Carbon Dioxide

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 0.5
1.0	1.0	0.0	± 0.5
10.1	10.1	0.0	± 0.5
50.1	50.4	0.3	± 0.5

Oxygen

Calibrated Gas Standard, %	Monitor Readout, %	% error	Instrument Specification, %
0.0 (Nitrogen)	0.0	0.0	± 1.0
9.8	9.7	-0.1	± 1.0
23.3	23.5	0.2	± 1.0

Ms Chan Ka Yu, Karen
Manager - Organics

CERTIFICATION OF CALIBRATION



No. 66916



Date Of Calibration: 29-Sep-2025

Certificate Number: G510954_9/39681

Issued by: QED Environmental Systems Inc.

Customer: CADMUS PRODUCTS LIMITED
UNIT 5, SUFFOLK DRIVE CM2 6UN CHELMSFORD UNITED KINGDOM

Description:

Model: GA5000

Serial Number: G510954

Accredited Results:

Methane (CH4)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.42
15.0	14.9	0.66
60.0	59.7	1.03

Carbon Dioxide (CO2)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
5.0	4.8	0.43
15.0	14.7	0.71
40.0	40.1	1.19

Oxygen (O2)		
Certified Gas (%)	Instrument Reading (%)	Uncertainty (%)
21.1	21.2	0.25

Gas cylinders are traceable and details can be provided if requested.

CH4, CO2 readings recorded at: 33.0 °C/91.4 °F

Barometric Pressure: 0988 mbar/29.18 "Hg

O2 readings recorded at: 22.5 °C/72.5 °F

Method of Test : The analyzer is calibrated in a temperature controlled chamber using a series of reference gases, in compliance with procedure ISP17.

Instrument has passed calibration as the measurement result is within the specification limit. The specification limit takes into account the measurement uncertainty.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with NIST requirements.

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Calibration Instance: 118

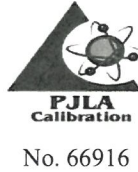
IGC Instance: N/A

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www.qedenv.com (800) 624-2026 info@qedenv.com

QED Environmental Systems Inc. 2355 Bishop Circle West, Dexter, MI 48130

CERTIFICATION OF CALIBRATION



Date Of Calibration: 29-Sep-2025

Certificate Number: G510954_9/39681

Issued by: QED Environmental Systems Inc.

Non Accredited results:

Pressure Transducers (inches of water column)					
Transducer	Certified (Low)	Reading (Low)	Certified (High)	Reading (High)	Accuracy
Relative	0"	0"	40"	40.59"	2.0"

Barometer (mbar)	
Reference	Instrument Reading
0988 mbar / 29.18 "Hg	0988 mbar / 29.19 "Hg

Internal Flow	
Applied	Measured
25.2	25.2
10	10.0
5	5.0

Date of Issue : 30 Sep 2025

Approved By Signatory

Linda Ostrowski
Laboratory Inspection

The calibration results published in this certificate were obtained using equipment capable of producing results that are traceable through NIST to the International System of Units (SI). Certification only applies to results shown. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Calibration Instance: 118

IGC Instance: N/A

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QED Environmental Systems Inc. 2355 Bishop Circle West, Dexter, MI 48130

Appendix 4.2

Monitoring Results for Baseline Landfill Gas (CH₄, CO₂ & O₂) (Surface Gas Emission & Monitoring Borehole) Monitoring

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E1	28-Mar-2025	10:40	Sunny	26.0	992.5	744.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	23-May-2025	11:40	Sunny	34.8	984.6	738.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	20-Jun-2025	15:12	Sunny	30.9	986.3	739.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.4	<19	<18	
	24-Jul-2025	10:35	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	16-Aug-2025	10:16	Sunny	32.7	1009.9	757.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	27-Oct-2025	13:55	Sunny	26.9	1016.3	762.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	05-Nov-2025	15:42	Sunny	27.7	1012.5	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	02-Dec-2025	12:45	Sunny	27.1	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	07-Jan-2026	10:14	Sunny	12.7	1028.3	771.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.3	<19	<18	
	04-Feb-2026	10:45	Sunny	21.3	1023.0	767.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
E2	23-May-2025	11:25	Sunny	34.5	984.3	738.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.2	<19	<18	
	20-Jun-2025	14:53	Sunny	30.8	986.7	740.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	24-Jul-2025	10:53	Sunny	33.2	1003.2	752.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	16-Aug-2025	10:09	Sunny	32.7	1009.9	757.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	22-Sep-2025	13:54	Sunny	34.7	1006.1	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.3	<19	<18	
	17-Oct-2025	10:10	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	05-Nov-2025	15:58	Sunny	27.7	1012.5	759.4	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.4	<19	<18	
	02-Dec-2025	13:04	Sunny	26.9	1014.0	760.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
	07-Jan-2026	10:28	Sunny	12.9	1028.2	771.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.1	<19	<18	
	04-Feb-2026	11:01	Sunny	21.4	1022.7	767.1	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
E3	28-Mar-2025	10:50	Sunny	26.2	992.1	744.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	23-May-2025	11:30	Sunny	34.2	984.8	738.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	20-Jun-2025	14:59	Sunny	30.9	986.4	739.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	24-Jul-2025	11:00	Sunny	33.2	1003.2	752.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	16-Aug-2025	9:51	Sunny	32.2	1010.1	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	22-Sep-2025	13:59	Sunny	34.7	1006.1	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	17-Oct-2025	10:15	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	05-Nov-2025	16:02	Sunny	27.6	1012.2	759.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	02-Dec-2025	13:23	Sunny	26.9	1014.0	760.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	07-Jan-2026	10:44	Sunny	13.3	1028.2	771.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	04-Feb-2026	11:16	Sunny	22.2	1022.5	766.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
E4						0.0			>10	>20		>0.5	>1.5		<19	<18	
	29-Apr-2025	10:06	Sunny	27.0	994.3	745.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	24-Jun-2025	11:25	Sunny	35.0	985.6	739.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	24-Jul-2025	11:09	Sunny	33.6	1003.1	752.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	16-Aug-2025	10:01	Sunny	32.7	1010.0	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	22-Sep-2025	14:06	Sunny	34.7	1006.1	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.0	<19	<18	
	17-Oct-2025	10:24	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.2	<19	<18	
	25-Nov-2025	10:15	Sunny	24.1	1021.8	766.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	02-Dec-2025	13:45	Sunny	27.1	1013.9	760.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	17.4	<19	<18	
	07-Jan-2026	11:02	Sunny	13.7	1028.0	771.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	04-Feb-2026	11:40	Sunny	23.4	1021.9	766.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E5	23-May-2025	12:00	Sunny	34.7	984.0	738.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	24-Jun-2025	12:06	Sunny	34.4	985.5	739.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	21.0	<19	<18	
	25-Jul-2025	10:00	Sunny	33.1	1001.3	751.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	23-Aug-2025	9:25	Sunny	32.3	1012.2	759.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	23-Sep-2025	10:10	Cloudy	30.6	1003.4	752.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.8	<19	<18	
	17-Oct-2025	10:51	Sunny	32.8	1016.0	762.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	25-Nov-2025	12:58	Sunny	24.3	1019.2	764.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.2	<19	<18	
	28-Nov-2025	10:34	Sunny	19.9	1020.8	765.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	12-Jan-2026	11:14	Cloudy	18.2	1024.2	768.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	05-Feb-2026	14:28	Sunny	28.7	1015.1	761.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
E6						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
	23-May-2025	14:20	Sunny	34.9	982.6	737.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	12-Jun-2025	11:21	Sunny	31.5	983.9	738.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	16-Jul-2025	9:51	Sunny	33.4	1006.3	754.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	23-Aug-2025	9:45	Sunny	32.5	1012.1	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	22-Sep-2025	10:53	Sunny	31.3	1009.3	757.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
	14-Oct-2025	11:20	Sunny	32.3	1014.7	761.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	11-Nov-2025	11:58	Sunny	23.9	1010	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	28-Nov-2025	10:08	Sunny	19.1	1021	765.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.1	<19	<18	
12-Jan-2026	10:47	Cloudy	17.7	1024.7	768.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18		
05-Feb-2026	14:53	Sunny	28.4	1015	761.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18		
E7						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
	28-Mar-2025	11:18	Sunny	27.5	990.6	743.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	16-May-2025	9:38	Sunny	29.3	991.1	743.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	12-Jun-2025	11:13	Sunny	31.2	984.0	738.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	16-Jul-2025	10:10	Sunny	33.3	1006.4	754.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.7	<19	<18	
	23-Aug-2025	9:53	Sunny	32.9	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	22-Sep-2025	11:00	Sunny	31.8	1009.1	756.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	14-Oct-2025	11:26	Sunny	32.5	1014.5	760.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	11-Nov-2025	11:39	Sunny	23.9	1010.0	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
28-Nov-2025	11:08	Sunny	20.3	1020.2	765.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18		
12-Jan-2026	11:42	Cloudy	19.4	1023.6	767.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18		
05-Feb-2026	15:22	Sunny	27.7	1014.8	761.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18		
E8						0.0			>10	>20		>0.5	>1.5		<19	<18	
	28-Mar-2025	11:27	Sunny	27.4	990.6	743.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	16-May-2025	9:50	Sunny	29.4	990.4	742.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	20-Jun-2025	11:38	Sunny	28.7	989.4	742.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	17.7	<19	<18	
	16-Jul-2025	10:18	Sunny	33.3	1006.4	754.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	23-Aug-2025	9:59	Sunny	32.9	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Sep-2025	11:08	Sunny	32.2	1008.9	756.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	14-Oct-2025	11:30	Sunny	32.5	1014.5	760.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.2	<19	<18	
	11-Nov-2025	11:27	Sunny	23.9	1010.1	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	28-Nov-2025	11:38	Sunny	20.7	1019.9	765.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
12-Jan-2026	11:55	Cloudy	20.2	1023.3	767.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18		
05-Feb-2026	15:40	Sunny	27.7	1014.9	761.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E9	15-Apr-2025	10:35	Sunny	31.9	991.6	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.8	<19	<18	
	16-May-2025	9:59	Sunny	29.0	991.0	743.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	20-Jun-2025	11:15	Sunny	31.8	986.4	739.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	16-Jul-2025	10:24	Sunny	33.1	1006.3	754.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.4	<19	<18	
	23-Aug-2025	10:11	Sunny	33.4	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.4	<19	<18	
	22-Sep-2025	11:14	Sunny	32.2	1008.9	756.7	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	14-Oct-2025	11:36	Sunny	32.5	1014.5	760.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.1	<19	<18	
	11-Nov-2025	11:12	Sunny	23.9	1010.4	757.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	28-Nov-2025	11:57	Sunny	21.6	1019.4	764.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	12-Jan-2026	12:06	Cloudy	20.2	1023.3	767.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	13-Feb-2026	14:01	Sunny	26.3	1016.8	762.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
E10						0.0			>10	>20		>0.5	>1.5		<19	<18	
	15-Apr-2025	10:12	Sunny	31.0	991.5	743.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	16-May-2025	10:07	Sunny	29.3	990.5	742.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.0	<19	<18	
	20-Jun-2025	11:26	Sunny	31.1	987.6	740.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.3	<19	<18	
	16-Jul-2025	10:48	Sunny	33.2	1006.1	754.6	0.0	0.0	>10	>20	0.6	>0.5	>1.5	19.6	<19	<18	
	23-Aug-2025	10:17	Sunny	33.4	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	23-Sep-2025	9:19	Cloudy	30.2	1003.7	752.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	24-Oct-2025	9:39	Cloudy	22.2	1020.1	765.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	25-Nov-2025	11:53	Sunny	23.7	1020.4	765.4	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	19-Dec-2025	10:03	Sunny	21.4	1019.6	764.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	19-Jan-2026	13:43	Sunny	25.6	1014.1	760.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
24-Feb-2026	11:48	Cloudy	25.4	1015.9	762.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18		
E11						0.0			>10	>20		>0.5	>1.5		<19	<18	
	15-Apr-2025	10:04	Sunny	30.5	991.7	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	16-May-2025	10:16	Sunny	30.2	989.7	742.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	16-Jul-2025	11:07	Sunny	33.7	1006.0	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.7	<19	<18	
	23-Aug-2025	10:28	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	23-Sep-2025	9:10	Cloudy	30.2	1003.7	752.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	24-Oct-2025	9:49	Cloudy	22.2	1020.1	765.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	25-Nov-2025	11:32	Sunny	23.4	1020.7	765.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.2	<19	<18	
	19-Dec-2025	10:29	Sunny	21.6	1019.4	764.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	19-Jan-2026	14:11	Sunny	25.6	1013.7	760.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	24-Feb-2026	12:10	Cloudy	26.0	1015.5	761.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
E12						0.0			>10	>20		>0.5	>1.5		<19	<18	
	15-Apr-2025	9:53	Sunny	30.6	991.4	743.6	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.1	<19	<18	
	16-May-2025	10:24	Sunny	30.7	989.9	742.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	16-Jul-2025	11:02	Sunny	33.7	1006.0	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.7	<19	<18	
	23-Aug-2025	10:35	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	23-Sep-2025	9:04	Cloudy	29.9	1003.6	752.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	24-Oct-2025	9:56	Cloudy	23.1	1019.8	764.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	25-Nov-2025	11:16	Sunny	23.1	1020.8	765.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	19-Dec-2025	10:49	Sunny	22.0	1019.2	764.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	19-Jan-2026	14:35	Sunny	25.3	1013.7	760.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	24-Feb-2026	12:25	Cloudy	26.6	1015.2	761.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E13	16-May-2025	10:33	Sunny	30.9	990.1	742.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.2	<19	<18	
	16-Jul-2025	10:57	Sunny	33.7	1006.0	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	23-Aug-2025	10:41	Sunny	33.7	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	23-Sep-2025	8:54	Cloudy	29.9	1003.6	752.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	24-Oct-2025	10:03	Cloudy	23.1	1019.8	764.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	25-Nov-2025	10:56	Sunny	22.9	1021.2	766.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	19-Dec-2025	11:07	Sunny	22.6	1019.0	764.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	19-Jan-2026	15:00	Sunny	25.8	1013.6	760.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	24-Feb-2026	12:38	Cloudy	26.6	1015.2	761.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E14	23-May-2025	16:10	Sunny	33.0	984.0	738.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	16-Jun-2025	11:25	Sunny	33.4	985.2	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	14-Jul-2025	10:10	Drizzle	33.2	1006.4	754.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	22-Aug-2025	10:13	Sunny	33.4	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	22-Sep-2025	14:58	Sunny	34.6	1005.5	754.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
	14-Oct-2025	10:17	Sunny	31.1	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	31-Oct-2025	10:19	Sunny	27.7	1018	763.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
	16-Dec-2025	10:36	Sunny	21.7	1022.0	766.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	16-Jan-2026	10:09	Sunny	20.9	1016.4	762.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	20-Feb-2026	9:33	Sunny	21.7	1021.8	766.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E15	21-May-2025	11:00	Sunny	29.9	991.0	743.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.2	<19	<18	
	16-Jun-2025	11:40	Sunny	33.4	985.3	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	14-Jul-2025	10:00	Drizzle	33.1	1006.5	754.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	22-Aug-2025	10:20	Sunny	33.4	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	22-Sep-2025	14:51	Sunny	34.6	1005.5	754.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	14-Oct-2025	10:11	Sunny	31.1	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.2	<19	<18	
	31-Oct-2025	10:14	Sunny	27.7	1018.0	763.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
	16-Dec-2025	10:46	Sunny	22.2	1021.7	766.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	16-Jan-2026	10:30	Sunny	21.9	1016.5	762.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	20-Feb-2026	9:23	Sunny	21.7	1021.9	766.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E16	21-May-2025	10:42	Sunny	31.2	989.9	742.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.1	<19	<18	
	16-Jun-2025	11:50	Sunny	33.7	985.2	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.4	<19	<18	
	14-Jul-2025	9:48	Drizzle	32.9	1006.5	754.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	22-Aug-2025	10:27	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Sep-2025	14:43	Sunny	34.7	1005.6	754.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18	
	14-Oct-2025	10:06	Sunny	30.9	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.2	<19	<18	
	31-Oct-2025	10:08	Sunny	27.7	1018.0	763.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	16-Dec-2025	11:03	Sunny	22.6	1021.6	766.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	16-Jan-2026	10:54	Sunny	23.4	1016.1	762.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	20-Feb-2026	10:54	Sunny	23.7	1021.2	766.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E17	21-May-2025	10:33	Sunny	30.9	990.1	742.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.4	<19	<18	
	16-Jun-2025	12:00	Sunny	32.9	985.3	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	14-Jul-2025	9:35	Drizzle	32.8	1006.7	755.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Aug-2025	10:34	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	22-Sep-2025	14:37	Sunny	34.3	1005.7	754.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	14-Oct-2025	10:00	Sunny	30.9	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18	
	31-Oct-2025	10:02	Sunny	27.7	1017.9	763.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	16-Dec-2025	11:17	Sunny	22.8	1021.4	766.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	16-Jan-2026	11:16	Sunny	23.8	1016.0	762.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18	
	20-Feb-2026	10:10	Sunny	22.9	1021.6	766.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
E18						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
	25-Apr-2025	12:35	Drizzle	25.3	993.1	744.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	21-May-2025	10:18	Sunny	30.3	989.9	742.5	0.0	0.0	>10	>20	0.3	>0.5	>1.5	19.8	<19	<18	
	16-Jun-2025	12:10	Sunny	33.0	985.4	739.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.4	<19	<18	
	14-Jul-2025	9:20	Drizzle	32.3	1006.7	755.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	22-Aug-2025	11:45	Sunny	34.6	1011.9	759.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	22-Sep-2025	10:28	Sunny	31.4	1009.5	757.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	14-Oct-2025	9:54	Sunny	30.9	1015.0	761.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	31-Oct-2025	9:54	Sunny	27.7	1017.9	763.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
E19	16-Dec-2025	12:14	Sunny	24.1	1020.4	765.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	16-Jan-2026	11:55	Sunny	25.3	1015.1	761.4	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
	20-Feb-2026	10:33	Sunny	23.0	1021.5	766.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
	25-Apr-2025	13:09	Drizzle	25.8	992.4	744.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	21-May-2025	11:40	Sunny	29.6	990.6	743.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	16-Jun-2025	10:58	Sunny	33.1	985.6	739.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.8	<19	<18	
	14-Jul-2025	11:05	Drizzle	33.7	1006.2	754.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Aug-2025	11:30	Sunny	34.5	1012.0	759.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Sep-2025	9:55	Sunny	30.7	1009.6	757.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.1	<19	<18	
E20	14-Oct-2025	10:45	Sunny	32.0	1014.8	761.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	31-Oct-2025	9:50	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	16-Dec-2025	12:42	Sunny	24.6	1020	765.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
	16-Jan-2026	13:10	Sunny	27.2	1013.8	760.4	0.0	0.0	>10	>20	0.0	>0.5	>1.5	21.0	<19	<18	
	20-Feb-2026	10:44	Sunny	23.7	1021.2	766.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
	25-Apr-2025	12:56	Drizzle	25.5	992.9	744.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	21-May-2025	11:33	Sunny	29.5	990.7	743.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	16-Jun-2025	10:15	Sunny	32.8	985.1	738.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	14-Jul-2025	10:55	Drizzle	33.7	1006.2	754.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
22-Aug-2025	11:18	Sunny	34.2	1011.9	759.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18		
22-Sep-2025	10:10	Sunny	31.1	1009.6	757.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18		
14-Oct-2025	10:39	Sunny	32.0	1014.8	761.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.9	<19	<18		
31-Oct-2025	9:45	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18		
16-Dec-2025	13:13	Sunny	25.2	1019.5	764.7	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18		
16-Jan-2026	12:49	Sunny	27.1	1014.3	760.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18		
20-Feb-2026	11:06	Sunny	23.7	1021.2	766.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18		
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
E21	21-May-2025	11:25	Sunny	29.5	990.9	743.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.8	<19	<18	
	16-Jun-2025	10:30	Sunny	31.4	986.5	739.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.0	<19	<18	
	14-Jul-2025	10:41	Drizzle	33.6	1006.3	754.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Aug-2025	11:02	Sunny	34.2	1011.9	759.0	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	22-Sep-2025	10:20	Sunny	31.1	1009.6	757.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	14-Oct-2025	10:34	Sunny	31.6	1014.9	761.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.8	<19	<18	
	31-Oct-2025	9:40	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	16-Dec-2025	13:01	Sunny	25.0	1019.8	764.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
	16-Jan-2026	12:29	Sunny	25.9	1014.6	761.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.8	<19	<18	
	20-Feb-2026	11:18	Sunny	23.9	1020.9	765.7	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E22	16-Jun-2025	10:45	Sunny	32.9	985.2	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	16-Jul-2025	13:52	Sunny	36.4	1004.7	753.6	0.1	2.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	17-Sep-2025	10:09	Sunny	33.3	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	21-Oct-2025	9:26	Cloudy	22.9	1017.0	762.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	17-Nov-2025	9:06	Sunny	26.9	1017.9	763.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	18-Dec-2025	10:18	Sunny	22.4	1022.3	766.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.1	<19	<18	
	20-Jan-2026	10:09	Sunny	20.3	1020.2	765.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	26-Feb-2026	9:48	Sunny	22.1	1015.0	761.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E23	24-Jun-2025	9:56	Sunny	33.8	984.6	738.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	16-Jul-2025	14:01	Sunny	36.5	1004.6	753.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	18-Dec-2025	10:42	Sunny	23.4	1022.0	766.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	20-Jan-2026	10:45	Sunny	20.1	1020.3	765.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	26-Feb-2026	10:26	Sunny	22.1	1015.0	761.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E24	23-May-2025	14:35	Sunny	34.3	983.1	737.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.2	<19	<18	
	24-Jun-2025	10:09	Sunny	34.0	984.6	738.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.1	<19	<18	
	16-Jul-2025	14:22	Sunny	36.4	1004.3	753.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.1	<19	<18	
	17-Sep-2025	10:26	Sunny	33.8	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.8	<19	<18	
	21-Oct-2025	9:49	Cloudy	22.8	1017.0	762.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	17-Nov-2025	9:36	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	18-Dec-2025	11:36	Sunny	25.1	1021.4	766.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	20-Jan-2026	11:55	Sunny	20.6	1020.1	765.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	26-Feb-2026	11:23	Sunny	22.6	1014.2	760.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level					
E25	23-May-2025	14:50	Sunny	33.9	983.0	737.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.2	<19	<18	
	24-Jun-2025	10:21	Sunny	34.3	984.7	738.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	16-Jul-2025	14:31	Sunny	37.1	1004.2	753.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.3	<19	<18	
	17-Sep-2025	10:35	Sunny	33.8	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	21-Oct-2025	9:59	Cloudy	22.9	1017.1	762.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	17-Nov-2025	9:57	Sunny	27.7	1017.9	763.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	18-Dec-2025	11:50	Sunny	25.3	1021.3	766.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	20-Jan-2026	12:17	Sunny	21.0	1019.9	765.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	26-Feb-2026	11:37	Sunny	22.6	1014.2	760.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
E26	15-Apr-2025	10:57	Sunny	31.8	991.7	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	23-May-2025	15:15	Sunny	33.7	983.0	737.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	24-Jun-2025	10:38	Sunny	34.3	984.9	738.7	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.8	<19	<18	
	16-Jul-2025	14:40	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	17-Sep-2025	10:48	Sunny	33.7	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	21-Oct-2025	10:21	Cloudy	23.1	1017.0	762.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	21.0	<19	<18	
	17-Nov-2025	10:27	Sunny	28.1	1017.8	763.4	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	18-Dec-2025	12:23	Sunny	25.3	1020.6	765.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	20-Jan-2026	12:58	Sunny	20.9	1019.2	764.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	26-Feb-2026	12:05	Sunny	23.5	1013.5	760.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
E27	15-Apr-2025	11:24	Sunny	31.8	991.7	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	23-May-2025	15:30	Sunny	33.4	983.3	737.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	24-Jun-2025	10:49	Sunny	33.8	985.6	739.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.9	<19	<18	
	16-Jul-2025	14:49	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	17-Sep-2025	10:56	Sunny	34.5	1011.8	758.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.4	<19	<18	
	21-Oct-2025	10:42	Cloudy	23.3	1017.1	762.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	25-Nov-2025	12:36	Sunny	23.9	1019.9	765.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.2	<19	<18	
	18-Dec-2025	12:59	Sunny	25.2	1019.6	764.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	20-Jan-2026	13:31	Sunny	21.6	1018.7	764.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.9	<19	<18	
	26-Feb-2026	12:18	Sunny	24.1	1013.1	759.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
E28	29-Apr-2025	11:07	Sunny	28.2	993.8	745.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	24-Jun-2025	10:59	Sunny	34.1	985.8	739.4	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.8	<19	<18	
	16-Jul-2025	14:58	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.7	<19	<18	
	17-Sep-2025	11:26	Sunny	34.7	1011.7	758.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	25-Nov-2025	13:18	Sunny	24.7	1019.1	764.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	18-Dec-2025	13:17	Sunny	25.2	1019.3	764.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.1	<19	<18	
	20-Jan-2026	14:15	Sunny	21.3	1018.1	763.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	26-Feb-2026	12:39	Sunny	23.9	1012.7	759.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
								Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
E29	15-Apr-2025	11:42	Sunny	31.8	991.6	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	16-May-2025	10:58	Sunny	29.9	991.0	743.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	20-Jun-2025	15:44	Sunny	29.9	987.1	740.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	05-Nov-2025	16:34	Sunny	27.2	1012.6	759.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	19-Dec-2025	13:51	Sunny	25.0	1015.9	762.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	07-Jan-2026	12:09	Sunny	15.1	1026.9	770.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.2	<19	<18	
	13-Feb-2026	15:27	Sunny	27.2	1015.7	761.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
E30	25-Apr-2025	11:43	Drizzle	24.8	995.7	746.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	23-May-2025	10:45	Sunny	34.1	985.1	738.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	12-Jun-2025	10:32	Sunny	30.5	983.9	738.0	0.0	0.0	>10	>20	0.2	>0.5	>1.5	18.7	<19	<18	
	25-Jul-2025	10:21	Sunny	33.3	1001.2	751.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	27-Aug-2025	10:14	Sunny	33.6	1010.3	757.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	22-Sep-2025	11:30	Sunny	32.3	1008.7	756.6	0.0	0.0	>10	>20	0.6	>0.5	>1.5	19.9	<19	<18	
	17-Oct-2025	11:12	Sunny	32.7	1015.7	761.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	05-Nov-2025	16:16	Sunny	27.3	1012.4	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	28-Nov-2025	12:29	Sunny	22.5	1019.0	764.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	27-Jan-2026	15:28	Sunny	27.8	1018.0	763.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	13-Feb-2026	14:32	Sunny	27.1	1016.2	762.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
E31	25-Apr-2025	11:57	Drizzle	25.0	995.6	746.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	23-May-2025	10:30	Sunny	34.4	984.5	738.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	12-Jun-2025	10:42	Sunny	30.8	984.0	738.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	25-Jul-2025	10:32	Sunny	33.9	1001.2	751.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	27-Aug-2025	10:03	Sunny	32.7	1010.1	757.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.1	<19	<18	
	17-Oct-2025	11:18	Sunny	32.7	1015.7	761.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	05-Nov-2025	16:20	Sunny	27.3	1012.4	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	19-Dec-2025	11:48	Sunny	23.4	1018.4	763.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	12-Jan-2026	12:45	Cloudy	21.2	1022.4	766.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.1	<19	<18	
	13-Feb-2026	14:50	Sunny	26.7	1016.1	762.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
E32	29-Apr-2025	10:29	Sunny	27.7	993.8	745.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	12-Jun-2025	10:52	Sunny	31.0	983.8	737.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.1	<19	<18	
	25-Jul-2025	10:46	Sunny	34.1	1001.3	751.0	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	19-Aug-2025	9:59	Drizzle	27.6	1012.8	759.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	02-Dec-2025	11:20	Sunny	25.8	1016.7	762.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Surface Gas Emission) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
E33	23-May-2025	14:08	Sunny	34.6	982.9	737.2	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.1	<19	<18	
	24-Jul-2025	10:00	Sunny	32.2	1003.6	752.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	16-Aug-2025	9:12	Sunny	31.3	1010.2	757.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	22-Sep-2025	13:34	Sunny	33.7	1006.2	754.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	17-Oct-2025	10:39	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	25-Nov-2025	10:00	Sunny	21.7	1021.9	766.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	02-Dec-2025	11:38	Sunny	26.3	1016.1	762.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	27-Jan-2026	14:50	Sunny	27.6	1018.4	763.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	04-Feb-2026	10:32	Sunny	20.7	1023.1	767.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E34	28-Mar-2025	10:16	Sunny	25.6	992.5	744.4	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.9	<19	<18	
	23-May-2025	11:03	Sunny	33.0	985.3	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.8	<19	<18	
	12-Jun-2025	9:55	Sunny	29.9	984.2	738.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	24-Jul-2025	10:19	Sunny	32.3	1003.6	752.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	16-Aug-2025	9:19	Sunny	31.3	1010.2	757.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	22-Sep-2025	13:42	Sunny	34.2	1006.1	754.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	14-Oct-2025	11:51	Sunny	32.7	1014.5	760.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.1	<19	<18	
	25-Nov-2025	13:51	Sunny	25.2	1018.4	763.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	21.0	<19	<18	
	27-Jan-2026	14:09	Sunny	27.3	1018.5	763.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	04-Feb-2026	9:33	Sunny	19.3	1023.4	767.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
E35	28-Mar-2025	10:29	Sunny	25.9	992.5	744.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	23-May-2025	11:15	Sunny	34.1	984.5	738.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.9	<19	<18	
	12-Jun-2025	10:16	Sunny	30.1	984.2	738.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	24-Jul-2025	10:25	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	16-Aug-2025	9:29	Sunny	31.8	1010.2	757.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Sep-2025	13:48	Sunny	34.2	1006.1	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.6	<19	<18	
	14-Oct-2025	11:56	Sunny	32.9	1014.4	760.9	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	05-Nov-2025	15:48	Sunny	27.7	1012.5	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	02-Dec-2025	12:21	Sunny	26.7	1015.6	761.8	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.5	<19	<18	
	07-Jan-2026	9:39	Sunny	12.3	1028.3	771.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.3	<19	<18	
	04-Feb-2026	10:26	Sunny	20.7	1023.1	767.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Remarks:

- (1) Dark yellow text with yellow highlight refer to exceed the action level.
- (2) Red text with red highlight refer to exceed the limit level.
- (3) This Action Level of CO2 at 0.5% is set for reference only, assuming no CO2 emission from a particular location. Depending on the baseline CO2 levels, the Action Level at a particular location will be changed.
- (4) "TBP" equal to "To Be Provided"

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-1	28-Mar-2025	10:42	Sunny	26.0	992.5	744.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	23-May-2025	11:43	Sunny	34.8	984	738.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	20-Jun-2025	15:16	Sunny	30.9	986.8	740.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.2	<19	<18	
	24-Jul-2025	10:40	Sunny	32.9	1003.4	752.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	16-Aug-2025	10:18	Sunny	32.7	1009.9	757.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	27-Oct-2025	13:55	Sunny	26.9	1016.3	762.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	05-Nov-2025	15:44	Sunny	27.7	1012.5	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
	02-Dec-2025	12:45	Sunny	27.1	1015.0	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	07-Jan-2026	10:15	Sunny	12.7	1028.3	771.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	21.0	<19	<18	
	04-Feb-2026	10:46	Sunny	21.3	1023.0	767.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-2	23-May-2025	11:28	Sunny	34.2	984.8	738.7	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.1	<19	<18	
	20-Jun-2025	14:57	Sunny	30.9	986.4	739.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.1	<19	<18	
	24-Jul-2025	10:58	Sunny	33.2	1003.2	752.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	16-Aug-2025	10:23	Sunny	32.3	1009.8	757.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	22-Sep-2025	13:56	Sunny	34.7	1006.1	754.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	17-Oct-2025	10:13	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.4	>0.5	>1.5	20.4	<19	<18	
	05-Nov-2025	15:58	Sunny	27.6	1012.2	759.2	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.2	<19	<18	
	02-Dec-2025	13:06	Sunny	26.9	1014.7	761.1	0.0	0.0	>10	>20	0.8	>0.5	>1.5	19.5	<19	<18	
	07-Jan-2026	10:29	Sunny	12.9	1028.2	771.2	0.0	0.0	>10	>20	0.9	>0.5	>1.5	20.3	<19	<18	
	04-Feb-2026	11:02	Sunny	21.4	1022.7	767.1	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.2	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-3	28-Mar-2025	10:52	Sunny	26.2	992.1	744.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	23-May-2025	11:33	Sunny	34.3	984.6	738.5	0.0	0.0	>10	>20	1.7	>0.5	>1.5	18.8	<19	<18	
	20-Jun-2025	15:02	Sunny	30.9	986.3	739.8	0.0	0.0	>10	>20	3.0	>0.5	>1.5	18.0	<19	<18	
	24-Jul-2025	11:05	Sunny	33.2	1003.2	752.5	0.0	0.0	>10	>20	1.9	>0.5	>1.5	18.0	<19	<18	
	16-Aug-2025	9:55	Sunny	32.7	1010.0	757.6	0.0	0.0	>10	>20	1.8	>0.5	>1.5	17.2	<19	<18	
	22-Sep-2025	14:01	Sunny	34.7	1006.1	754.6	0.0	0.0	>10	>20	2.2	>0.5	>1.5	15.3	<19	<18	
	17-Oct-2025	10:18	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	3.1	>0.5	>1.5	18.2	<19	<18	
	05-Nov-2025	16:02	Sunny	27.6	1012.2	759.2	0.0	0.0	>10	>20	3.7	>0.5	>1.5	16.2	<19	<18	
	02-Dec-2025	13:25	Sunny	26.9	1014	760.6	0.0	0.0	>10	>20	5.8	>0.5	>1.5	13.7	<19	<18	
	07-Jan-2026	10:45	Sunny	13.3	1028.2	771.2	0.0	0.0	>10	>20	6.4	>0.5	>1.5	12.7	<19	<18	
	04-Feb-2026	11:17	Sunny	22.2	1022.5	766.9	0.0	0.0	>10	>20	7.0	>0.5	>1.5	11.1	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-4	29-Apr-2025	10:09	Sunny	27.2	994	745.6	0.0	0.0	>10	>20	1.2	>0.5	>1.5	17.9	<19	<18	
	24-Jun-2025	11:27	Sunny	34.9	985.5	739.2	0.0	0.0	>10	>20	1.4	>0.5	>1.5	18.6	<19	<18	
	24-Jul-2025	11:14	Sunny	33.6	1003.1	752.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.0	<19	<18	
	16-Aug-2025	10:05	Sunny	32.7	1010.0	757.6	0.0	0.0	>10	>20	0.9	>0.5	>1.5	17.4	<19	<18	
	22-Sep-2025	14:08	Sunny	34.2	1005.9	754.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	17-Oct-2025	10:27	Sunny	32.6	1016.2	762.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.4	<19	<18	
	25-Nov-2025	10:15	Sunny	22.1	1021.8	766.4	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.3	<19	<18	
	02-Dec-2025	13:47	Sunny	27.1	1013.9	760.5	0.0	0.0	>10	>20	1.5	>0.5	>1.5	17.4	<19	<18	
	07-Jan-2026	11:03	Sunny	13.7	1028.0	771.1	0.0	0.0	>10	>20	1.9	>0.5	>1.5	17.9	<19	<18	
	04-Feb-2026	11:41	Sunny	23.4	1021.9	766.5	0.0	0.0	>10	>20	1.3	>0.5	>1.5	18.6	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-5	23-May-2025	12:05	Sunny	34.9	983.9	738.0	0.0	0.0	>10	>20	0.8	>0.5	>1.5	19.2	<19	<18	
	24-Jun-2025	12:08	Sunny	34.4	985.5	739.2	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.3	<19	<18	
	25-Jul-2025	10:03	Sunny	32.2	1003.6	752.8	0.0	0.0	>10	>20	0.4	>0.5	>1.5	20.4	<19	<18	
	23-Aug-2025	9:25	Sunny	34.8	1010.1	757.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.0	<19	<18	
	23-Sep-2025	10:12	Cloudy	30.6	1003.4	752.6	0.0	0.0	>10	>20	1.4	>0.5	>1.5	18.8	<19	<18	
	17-Oct-2025	10:54	Sunny	32.8	1015.8	761.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	25-Nov-2025	12:58	Sunny	24.3	1019.2	764.5	0.0	0.0	>10	>20	3.0	>0.5	>1.5	18.2	<19	<18	
	28-Nov-2025	10:36	Sunny	19.9	1020.8	765.7	0.0	0.0	>10	>20	0.6	>0.5	>1.5	18.7	<19	<18	
	12-Jan-2026	11:15	Cloudy	18.2	1024.2	768.2	0.0	0.0	>10	>20	2.7	>0.5	>1.5	17.9	<19	<18	
	05-Feb-2026	14:30	Sunny	28.7	1015.1	761.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-6	23-May-2025	14:25	Sunny	34.9	982.6	737.0	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.2	<19	<18	
	12-Jun-2025	11:18	Sunny	31.5	983.9	738.0	0.0	0.0	>10	>20	1.5	>0.5	>1.5	18.6	<19	<18	
	16-Jul-2025	9:56	Sunny	33.6	1006.3	754.8	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.3	<19	<18	
	23-Aug-2025	9:45	Sunny	33.5	101.4	76.1	0.0	0.0	>10	>20	0.3	>0.5	>1.5	19.7	<19	<18	
	22-Sep-2025	10:55	Sunny	31.8	1009.1	756.9	0.0	0.0	>10	>20	0.5	>0.5	>1.5	20.3	<19	<18	
	14-Oct-2025	11:22	Sunny	32.3	1014.7	761.1	0.0	0.0	>10	>20	0.4	>0.5	>1.5	20.2	<19	<18	
	11-Nov-2025	12:00	Sunny	23.9	1010	757.6	0.0	0.0	>10	>20	0.7	>0.5	>1.5	20.1	<19	<18	
	28-Nov-2025	10:08	Sunny	19.6	1020.9	765.7	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.4	<19	<18	
	12-Jan-2026	10:48	Cloudy	17.7	1024.7	768.6	0.0	0.0	>10	>20	0.7	>0.5	>1.5	20.3	<19	<18	
	05-Feb-2026	14:54	Sunny	28.4	1015	761.3	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-7	28-Mar-2025	11:20	Sunny	27.5	990.6	743.0	0.0	0.0	>10	>20	0.3	>0.5	>1.5	19.8	<19	<18	
	16-May-2025	9:41	Sunny	29.3	991.1	743.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.7	<19	<18	
	12-Jun-2025	11:10	Sunny	31.3	983.8	737.9	0.0	0.0	>10	>20	0.8	>0.5	>1.5	19.7	<19	<18	
	16-Jul-2025	10:15	Sunny	33.3	1006.4	754.9	0.0	0.0	>10	>20	1.5	>0.5	>1.5	18.4	<19	<18	
	23-Aug-2025	9:53	Sunny	33.9	1010.5	757.9	0.0	0.0	>10	>20	0.3	>0.5	>1.5	19.6	<19	<18	
	22-Sep-2025	11:02	Sunny	31.8	1009.1	756.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.2	<19	<18	
	14-Oct-2025	11:28	Sunny	32.5	1014.5	760.9	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.8	<19	<18	
	11-Nov-2025	11:41	Sunny	23.9	1010.0	757.6	0.0	0.0	>10	>20	2.0	>0.5	>1.5	18.7	<19	<18	
	28-Nov-2025	11:10	Sunny	20.3	1020.2	765.2	0.0	0.0	>10	>20	0.9	>0.5	>1.5	20.0	<19	<18	
	12-Jan-2026	11:43	Cloudy	19.4	1023.6	767.8	0.0	0.0	>10	>20	1.9	>0.5	>1.5	19.3	<19	<18	
	05-Feb-2026	15:23	Sunny	27.6	1014.8	761.2	0.0	0.0	>10	>20	1.8	>0.5	>1.5	18.8	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-8	28-Mar-2025	11:29	Sunny	27.8	990.3	742.8	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.9	<19	<18	
	16-May-2025	9:53	Sunny	29.2	990.9	743.2	0.0	0.0	>10	>20	0.8	>0.5	>1.5	18.9	<19	<18	
	20-Jun-2025	11:42	Sunny	28.3	989.4	742.1	0.0	0.0	>10	>20	0.4	>0.5	>1.5	17.5	<19	<18	
	16-Jul-2025	10:21	Sunny	33.3	1006.4	754.9	0.0	0.0	>10	>20	0.9	>0.5	>1.5	18.5	<19	<18	
	23-Aug-2025	9:59	Sunny	33.9	1010.5	757.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	22-Sep-2025	11:10	Sunny	32.2	1008.9	756.7	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.7	<19	<18	
	14-Oct-2025	11:32	Sunny	32.5	1014.5	760.9	0.0	0.0	>10	>20	1.0	>0.5	>1.5	19.5	<19	<18	
	11-Nov-2025	11:29	Sunny	23.9	1010.1	757.6	0.0	0.0	>10	>20	1.2	>0.5	>1.5	19.5	<19	<18	
	28-Nov-2025	11:38	Sunny	21.3	1019.5	764.7	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.2	<19	<18	
	12-Jan-2026	11:56	Cloudy	20.2	1023.3	767.5	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.1	<19	<18	
	05-Feb-2026	15:41	Sunny	27.7	1014.9	761.2	0.0	0.0	>10	>20	1.6	>0.5	>1.5	18.9	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-9	15-Apr-2025	10:38	Sunny	31.9	991.6	743.8	0.0	0.0	>10	>20	0.8	>0.5	>1.5	18.7	<19	<18	
	16-May-2025	10:02	Sunny	29.0	991	743.3	0.0	0.0	>10	>20	1.1	>0.5	>1.5	18.6	<19	<18	
	20-Jun-2025	11:20	Sunny	32.2	986.4	739.9	0.0	0.0	>10	>20	2.2	>0.5	>1.5	18.6	<19	<18	
	16-Jul-2025	10:32	Sunny	33.1	1006.3	754.8	0.0	0.0	>10	>20	2.8	>0.5	>1.5	17.2	<19	<18	
	23-Aug-2025	10:14	Sunny	33.9	1010.5	757.9	0.0	0.0	>10	>20	0.8	>0.5	>1.5	18.8	<19	<18	
	22-Sep-2025	11:16	Sunny	32.2	1008.9	756.7	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.2	<19	<18	
	14-Oct-2025	11:38	Sunny	32.7	1014.5	760.9	0.0	0.0	>10	>20	3.9	>0.5	>1.5	16.7	<19	<18	
	11-Nov-2025	11:12	Sunny	23.9	1010.4	757.9	0.0	0.0	>10	>20	3.3	>0.5	>1.5	18.3	<19	<18	
	28-Nov-2025	11:59	Sunny	21.6	1019.4	764.6	0.0	0.0	>10	>20	2.8	>0.5	>1.5	18.1	<19	<18	
	12-Jan-2026	12:08	Cloudy	20.2	1023.3	767.5	0.0	0.0	>10	>20	2.0	>0.5	>1.5	18.9	<19	<18	
	13-Feb-2026	14:02	Sunny	26.3	1016.8	762.7	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.5	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-10	15-Apr-2025	10:15	Sunny	31.1	991.4	743.6	0.0	0.0	>10	>20	0.5	>0.5	>1.5	17.9	<19	<18	
	16-May-2025	10:10	Sunny	29.9	989.8	742.4	0.0	0.0	>10	>20	0.6	>0.5	>1.5	17.8	<19	<18	
	20-Jun-2025	11:30	Sunny	31.1	987.6	740.8	0.0	0.0	>10	>20	1.5	>0.5	>1.5	16.8	<19	<18	
	16-Jul-2025	10:52	Sunny	33.2	1006.1	754.6	0.0	0.0	>10	>20	2.6	>0.5	>1.5	15.3	<19	<18	
	23-Aug-2025	10:21	Sunny	33.9	1010.5	757.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	17.9	<19	<18	
	23-Sep-2025	9:21	Cloudy	30.2	1003.7	752.8	0.0	0.0	>10	>20	2.3	>0.5	>1.5	18.0	<19	<18	
	24-Oct-2025	9:43	Cloudy	22.2	1020.1	765.1	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.7	<19	<18	
	25-Oct-2025	11:55	Sunny	27.7	1017.1	762.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.5	<19	<18	
	19-Dec-2025	10:05	Sunny	21.4	1019.6	764.8	0.0	0.0	>10	>20	0.4	>0.5	>1.5	20.4	<19	<18	
	19-Jan-2026	13:44	Sunny	25.6	1014.1	760.6	0.0	0.0	>10	>20	2.2	>0.5	>1.5	20.7	<19	<18	
	24-Feb-2026	11:49	Cloudy	25.4	1015.9	762.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-11	15-Apr-2025	10:07	Sunny	30.5	991.5	743.7	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.9	<19	<18	
	16-May-2025	10:19	Sunny	30.3	989.9	742.5	0.0	0.0	>10	>20	0.8	>0.5	>1.5	18.0	<19	<18	
	16-Jul-2025	11:08	Sunny	34.1	1005.9	754.5	0.0	0.0	>10	>20	0.3	>0.5	>1.5	18.6	<19	<18	
	23-Aug-2025	10:32	Sunny	33.9	1010.4	757.9	0.0	0.0	>10	>20	1.4	>0.5	>1.5	18.2	<19	<18	
	23-Sep-2025	9:12	Cloudy	30.2	1003.7	752.8	0.0	0.0	>10	>20	2.1	>0.5	>1.5	18.8	<19	<18	
	24-Oct-2025	9:51	Cloudy	22.2	1020.1	765.1	0.0	0.0	>10	>20	0.5	>0.5	>1.5	20.1	<19	<18	
	25-Nov-2025	11:34	Sunny	23.4	1020.7	765.6	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.9	<19	<18	
	19-Dec-2025	10:31	Sunny	21.6	1019.4	764.6	0.0	0.0	>10	>20	1.0	>0.5	>1.5	19.8	<19	<18	
	19-Jan-2026	14:12	Sunny	25.6	1013.7	760.3	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.8	<19	<18	
	24-Feb-2026	12:11	Cloudy	26.0	1015.5	761.7	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-12	15-Apr-2025	9:56	Sunny	30.6	991.4	743.6	0.0	0.0	>10	>20	1.5	>0.5	>1.5	18.7	<19	<18	
	16-May-2025	10:27	Sunny	30.7	989.9	742.5	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.5	<19	<18	
	16-Jul-2025	11:03	Sunny	33.7	1006.0	754.6	0.0	0.0	>10	>20	0.6	>0.5	>1.5	18.6	<19	<18	
	23-Aug-2025	10:38	Sunny	34.4	1010.3	757.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	23-Sep-2025	9:06	Cloudy	29.9	1003.6	752.8	0.0	0.0	>10	>20	1.3	>0.5	>1.5	19.0	<19	<18	
	24-Oct-2025	9:59	Cloudy	23.1	1019.8	764.9	0.0	0.0	>10	>20	3.5	>0.5	>1.5	18.7	<19	<18	
	25-Nov-2025	11:18	Sunny	23.1	1020.8	765.7	0.0	0.0	>10	>20	4.9	>0.5	>1.5	15.1	<19	<18	
	19-Dec-2025	10:51	Sunny	22.0	1019.2	764.5	0.0	0.0	>10	>20	3.4	>0.5	>1.5	17.2	<19	<18	
	19-Jan-2026	14:36	Sunny	25.3	1013.7	760.3	0.0	0.0	>10	>20	3.0	>0.5	>1.5	17.0	<19	<18	
	24-Feb-2026	12:26	Cloudy	26.6	1015.2	761.5	0.0	0.0	>10	>20	2.0	>0.5	>1.5	19.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-13	16-May-2025	10:36	Sunny	30.9	990.1	742.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.1	<19	<18	
	16-Jul-2025	10:58	Sunny	33.7	1006.0	754.6	0.0	0.0	>10	>20	1.4	>0.5	>1.5	18.1	<19	<18	
	23-Aug-2025	10:45	Sunny	34.4	1010.3	757.8	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.7	<19	<18	
	23-Sep-2025	8:56	Cloudy	29.9	1003.6	752.8	0.0	0.0	>10	>20	2.3	>0.5	>1.5	19.7	<19	<18	
	24-Oct-2025	10:06	Cloudy	23.1	1019.8	764.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.2	<19	<18	
	25-Nov-2025	10:58	Sunny	22.9	1021.2	766.0	0.0	0.0	>10	>20	2.0	>0.5	>1.5	19.2	<19	<18	
	19-Dec-2025	11:07	Sunny	23.0	1018.8	764.2	0.0	0.0	>10	>20	1.7	>0.5	>1.5	19.0	<19	<18	
	19-Jan-2026	15:00	Sunny	25.8	1013.6	760.3	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	24-Feb-2026	12:39	Cloudy	26.8	1015.0	761.3	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.2	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-14	23-May-2025	16:13	Sunny	33.1	984	738.1	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.1	<19	<18	
	16-Jun-2025	11:30	Sunny	33.3	985.3	739.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.6	<19	<18	
	14-Jul-2025	10:15	Drizzle	33.2	1006.4	754.9	0.0	0.0	>10	>20	1.4	>0.5	>1.5	15.7	<19	<18	
	22-Aug-2025	10:17	Sunny	33.4	1012.0	759.1	0.0	0.0	>10	>20	0.6	>0.5	>1.5	18.7	<19	<18	
	22-Sep-2025	15:00	Sunny	34.6	1005.5	754.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.7	<19	<18	
	14-Oct-2025	10:19	Sunny	31.1	1015.0	761.3	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.3	<19	<18	
	31-Oct-2025	10:21	Sunny	27.7	1018	763.6	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.6	<19	<18	
	16-Dec-2025	10:38	Sunny	22.2	1021.7	766.3	0.0	0.0	>10	>20	1.2	>0.5	>1.5	19.7	<19	<18	
	16-Jan-2026	10:10	Sunny	20.9	1016.4	762.4	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.5	<19	<18	
	20-Feb-2026	9:34	Sunny	21.7	1021.8	766.4	0.0	0.0	>10	>20	0.8	>0.5	>1.5	20.2	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-15	21-May-2025	11:03	Sunny	34.0	987.8	740.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	18.3	<19	<18	
	16-Jun-2025	11:45	Sunny	33.7	985.3	739.0	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	14-Jul-2025	10:05	Drizzle	33.1	1006.5	754.9	0.0	0.0	>10	>20	1.5	>0.5	>1.5	17.0	<19	<18	
	22-Aug-2025	10:24	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	1.0	>0.5	>1.5	18.8	<19	<18	
	22-Sep-2025	14:53	Sunny	34.6	1005.5	754.2	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.6	<19	<18	
	14-Oct-2025	10:13	Sunny	31.1	1015.0	761.3	0.0	0.0	>10	>20	4.8	>0.5	>1.5	17.5	<19	<18	
	31-Oct-2025	10:16	Sunny	27.7	1018.0	763.6	0.0	0.0	>10	>20	1.5	>0.5	>1.5	18.7	<19	<18	
	16-Dec-2025	10:48	Sunny	22.2	1021.7	766.3	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.3	<19	<18	
	16-Jan-2026	10:31	Sunny	21.9	1016.5	762.4	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.1	<19	<18	
	20-Feb-2026	9:24	Sunny	21.7	1021.8	766.4	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.5	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-16	21-May-2025	10:45	Sunny	33.2	988	741.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	16.3	<19	<18	
	16-Jun-2025	11:55	Sunny	33.2	985.4	739.1	0.1	2.0	>10	>20	2.8	>0.5	>1.5	16.8	<19	<18	
	14-Jul-2025	9:52	Drizzle	33.1	1006.5	754.9	0.0	0.0	>10	>20	2.5	>0.5	>1.5	16.1	<19	<18	
	22-Aug-2025	10:31	Sunny	33.2	1012.0	759.1	0.0	0.0	>10	>20	2.1	>0.5	>1.5	20.4	<19	<18	
	22-Sep-2025	14:45	Sunny	34.7	1005.6	754.3	0.0	0.0	>10	>20	6.0	>0.5	>1.5	11.5	<19	<18	
	14-Oct-2025	10:08	Sunny	31.1	1015	761.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.2	<19	<18	
	31-Oct-2025	10:10	Sunny	27.7	1018.0	763.6	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.3	<19	<18	
	16-Dec-2025	11:05	Sunny	22.6	1021.6	766.3	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.2	<19	<18	
	16-Jan-2026	10:55	Sunny	23.4	1016.1	762.1	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.5	<19	<18	
	20-Feb-2026	10:55	Sunny	23.7	1021.2	766.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.7	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-17	21-May-2025	10:36	Sunny	33.1	988	741.1	0.0	0.0	>10	>20	2.5	>0.5	>1.5	16.7	<19	<18	
	16-Jun-2025	12:05	Sunny	32.7	985.4	739.1	0.0	0.0	>10	>20	3.4	>0.5	>1.5	15.3	<19	<18	
	14-Jul-2025	9:38	Drizzle	32.9	1006.5	754.9	0.0	0.0	>10	>20	3.3	>0.5	>1.5	16.8	<19	<18	
	22-Aug-2025	10:37	Sunny	33.7	1012.0	759.1	0.0	0.0	>10	>20	1.8	>0.5	>1.5	18.5	<19	<18	
	22-Sep-2025	14:39	Sunny	34.7	1005.6	754.3	0.0	0.0	>10	>20	3.9	>0.5	>1.5	14.5	<19	<18	
	14-Oct-2025	10:02	Sunny	30.9	1015.0	761.3	0.0	0.0	>10	>20	1.3	>0.5	>1.5	19.4	<19	<18	
	31-Oct-2025	10:04	Sunny	27.7	1017.9	763.5	0.0	0.0	>10	>20	2.3	>0.5	>1.5	18.4	<19	<18	
	16-Dec-2025	11:19	Sunny	22.8	1021.4	766.1	0.0	0.0	>10	>20	2.6	>0.5	>1.5	17.9	<19	<18	
	16-Jan-2026	11:18	Sunny	23.8	1016.0	762.1	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.0	<19	<18	
	20-Feb-2026	10:11	Sunny	22.9	1021.6	766.3	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.1	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-18	25-Apr-2025	12:38	Drizzle	25.4	993.1	744.9	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.0	<19	<18	
	21-May-2025	10:21	Sunny	32.8	988.1	741.1	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.2	<19	<18	
	16-Jun-2025	12:15	Sunny	32.6	985.6	739.3	0.0	0.0	>10	>20	2.3	>0.5	>1.5	17.4	<19	<18	
	14-Jul-2025	9:23	Drizzle	32.8	1006.7	755.1	0.0	0.0	>10	>20	2.8	>0.5	>1.5	17.7	<19	<18	
	22-Aug-2025	11:49	Sunny	34.6	1011.9	759.0	0.0	0.0	>10	>20	1.0	>0.5	>1.5	17.3	<19	<18	
	22-Sep-2025	10:30	Sunny	31.4	1009.5	757.2	0.0	0.0	>10	>20	0.9	>0.5	>1.5	16.0	<19	<18	
	14-Oct-2025	9:56	Sunny	30.9	1015.0	761.3	0.0	0.0	>10	>20	2.6	>0.5	>1.5	17.7	<19	<18	
	31-Oct-2025	9:56	Sunny	27.7	1017.9	763.5	0.0	0.0	>10	>20	1.6	>0.5	>1.5	18.5	<19	<18	
	16-Dec-2025	12:16	Sunny	24.1	1020.4	765.4	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.6	<19	<18	
	16-Jan-2026	11:56	Sunny	25.3	1015.1	761.4	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.9	<19	<18	
	20-Feb-2026	10:35	Sunny	23.0	1021.5	766.2	0.0	0.0	>10	>20	0.6	>0.5	>1.5	19.9	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-19	25-Apr-2025	13:12	Drizzle	25.8	992.2	744.2	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.5	<19	<18	
	21-May-2025	11:43	Sunny	34.9	987.3	740.5	0.0	0.0	>10	>20	0.7	>0.5	>1.5	15.7	<19	<18	
	16-Jun-2025	11:03	Sunny	32.7	985.6	739.3	0.0	0.0	>10	>20	0.7	>0.5	>1.5	18.0	<19	<18	
	14-Jul-2025	11:09	Drizzle	34.2	1006.1	754.6	0.0	0.0	>10	>20	0.6	>0.5	>1.5	18.1	<19	<18	
	22-Aug-2025	11:34	Sunny	34.5	1012.0	759.1	0.0	0.0	>10	>20	0.4	>0.5	>1.5	18.4	<19	<18	
	22-Sep-2025	9:57	Sunny	30.7	1009.6	757.3	0.0	0.0	>10	>20	2.1	>0.5	>1.5	18.0	<19	<18	
	14-Oct-2025	10:47	Sunny	32.0	1014.8	761.2	0.0	0.0	>10	>20	1.6	>0.5	>1.5	18.1	<19	<18	
	31-Oct-2025	9:52	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	1.3	>0.5	>1.5	17.7	<19	<18	
	16-Dec-2025	12:44	Sunny	24.6	1020	765.1	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.3	<19	<18	
	16-Jan-2026	13:12	Sunny	27.2	1013.8	760.4	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.9	<19	<18	
	20-Feb-2026	10:45	Sunny	23.7	1021.2	766.0	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.8	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-20	25-Apr-2025	12:59	Drizzle	25.6	992.7	744.6	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	21-May-2025	11:36	Sunny	35.5	987.2	740.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.3	<19	<18	
	16-Jun-2025	10:18	Sunny	32.0	986.6	740.0	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.8	<19	<18	
	14-Jul-2025	10:58	Drizzle	33.7	1006.2	754.7	0.0	0.0	>10	>20	1.3	>0.5	>1.5	17.5	<19	<18	
	22-Aug-2025	11:15	Sunny	34.2	1011.9	759.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	22-Sep-2025	10:12	Sunny	31.1	1009.6	757.3	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.5	<19	<18	
	14-Oct-2025	10:41	Sunny	32.0	1014.8	761.2	0.0	0.0	>10	>20	1.3	>0.5	>1.5	19.5	<19	<18	
	31-Oct-2025	9:45	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	1.1	>0.5	>1.5	19.1	<19	<18	
	16-Dec-2025	13:15	Sunny	25.2	1019.5	764.7	0.0	0.0	>10	>20	3.2	>0.5	>1.5	17.0	<19	<18	
	16-Jan-2026	12:50	Sunny	27.1	1014.3	760.8	0.0	0.0	>10	>20	0.5	>0.5	>1.5	18.7	<19	<18	
	20-Feb-2026	11:08	Sunny	23.9	1020.9	765.7	0.0	0.0	>10	>20	3.1	>0.5	>1.5	16.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-21	21-May-2025	11:27	Sunny	34.7	987.6	740.8	0.0	0.0	>10	>20	0.3	>0.5	>1.5	17.6	<19	<18	
	16-Jun-2025	10:35	Sunny	32.2	985.5	739.2	0.0	0.0	>10	>20	0.9	>0.5	>1.5	18.8	<19	<18	
	14-Jul-2025	10:45	Drizzle	33.6	1006.3	754.8	0.0	0.0	>10	>20	1.6	>0.5	>1.5	16.8	<19	<18	
	22-Aug-2025	10:58	Sunny	34.2	1011.9	759.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	22-Sep-2025	10:22	Sunny	31.1	1009.6	757.3	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.5	<19	<18	
	14-Oct-2025	10:36	Sunny	31.6	1014.9	761.2	0.0	0.0	>10	>20	1.3	>0.5	>1.5	19.1	<19	<18	
	31-Oct-2025	9:42	Sunny	27.6	1018.0	763.6	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.3	<19	<18	
	16-Dec-2025	13:03	Sunny	25.0	1019.8	764.9	0.0	0.0	>10	>20	1.2	>0.5	>1.5	19.6	<19	<18	
	16-Jan-2026	12:30	Sunny	25.9	1014.6	761.0	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.5	<19	<18	
	20-Feb-2026	11:18	Sunny	23.9	1020.9	765.7	0.0	0.0	>10	>20	1.3	>0.5	>1.5	19.3	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-22	16-Jun-2025	10:50	Sunny	33.0	985.4	739.1	0.0	0.0	>10	>20	0.7	>0.5	>1.5	18.9	<19	<18	
	16-Jul-2025	13:53	Sunny	36.5	1004.6	753.5	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.3	<19	<18	
	17-Sep-2025	10:07	Sunny	32.7	1012.2	759.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	21-Oct-2025	9:28	Cloudy	22.9	1017.0	762.8	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.6	<19	<18	
	17-Nov-2025	9:08	Sunny	24.9	1022.4	766.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.5	<19	<18	
	18-Dec-2025	10:18	Sunny	22.4	1022.3	766.8	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.1	<19	<18	
	20-Jan-2026	10:11	Sunny			0.0	0.0	0.0	>10	>20	1.2	>0.5	>1.5	19.5	<19	<18	
	26-Feb-2026	9:50	Sunny	22.1	1015.0	761.3	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.1	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-23	24-Jun-2025	9:59	Sunny	33.8	984.6	738.5	0.0	0.0	>10	>20	0.9	>0.5	>1.5	18.2	<19	<18	
	16-Jul-2025	14:02	Sunny	36.5	1004.6	753.5	0.0	0.0	>10	>20	0.7	>0.5	>1.5	18.7	<19	<18	
	18-Dec-2025	10:44	Sunny	23.4	1022.0	766.6	0.0	0.0	>10	>20	0.8	>0.5	>1.5	20.2	<19	<18	
	20-Jan-2026	10:47	Sunny			0.0	0.0	0.0	>10	>20	0.7	>0.5	>1.5	20.1	<19	<18	
	26-Feb-2026	10:28	Sunny	22.1	1015.0	761.3	0.0	0.0	>10	>20	0.7	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-24	23-May-2025	14:40	Sunny	34.1	983.1	737.4	0.0	0.0	>10	>20	2.9	>0.5	>1.5	16.0	<19	<18	
	24-Jun-2025	10:11	Sunny	34.0	984.6	738.5	0.0	0.0	>10	>20	3.8	>0.5	>1.5	14.8	<19	<18	
	16-Jul-2025	14:23	Sunny	37.1	1004.2	753.2	0.0	0.0	>10	>20	5.2	>0.5	>1.5	13.2	<19	<18	
	17-Sep-2025	10:24	Sunny	33.8	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.8	<19	<18	
	21-Oct-2025	9:51	Cloudy	22.8	1017.0	762.8	0.0	0.0	>10	>20	4.9	>0.5	>1.5	16.9	<19	<18	
	17-Nov-2025	9:38	Sunny	25.4	1022.4	766.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	18-Dec-2025	11:38	Sunny	25.3	1021.3	766.0	0.0	0.0	>10	>20	5.1	>0.5	>1.5	17.2	<19	<18	
	20-Jan-2026	11:56	Sunny			0.0	0.0	0.0	>10	>20	2.6	>0.5	>1.5	17.1	<19	<18	
	26-Feb-2026	11:25	Sunny	22.6	1014.2	760.7	0.0	0.0	>10	>20	4.7	>0.5	>1.5	16.9	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-25	23-May-2025	14:55	Sunny	33.9	983.1	737.4	0.0	0.0	>10	>20	2.1	>0.5	>1.5	17.0	<19	<18	
	24-Jun-2025	10:23	Sunny	34.3	984.7	738.6	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.2	<19	<18	
	16-Jul-2025	14:32	Sunny	37.1	1004.2	753.2	0.0	0.0	>10	>20	1.9	>0.5	>1.5	17.2	<19	<18	
	17-Sep-2025	10:33	Sunny	33.8	1012.0	759.1	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.7	<19	<18	
	21-Oct-2025	10:01	Cloudy	22.9	1017.1	762.9	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.4	<19	<18	
	17-Nov-2025	9:59	Sunny	25.9	1022.5	766.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.1	<19	<18	
	18-Dec-2025	11:52	Sunny	25.3	1021.3	766.0	0.0	0.0	>10	>20	1.2	>0.5	>1.5	19.4	<19	<18	
	20-Jan-2026	12:19	Sunny			0.0	0.0	0.0	>10	>20	1.1	>0.5	>1.5	20.1	<19	<18	
	26-Feb-2026	11:39	Sunny	23.1	1013.8	760.4	0.0	0.0	>10	>20	2.2	>0.5	>1.5	17.9	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-26	15-Apr-2025	11:00	Sunny	31.6	991.9	744.0	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.2	<19	<18	
	23-May-2025	15:18	Sunny	33.3	983.5	737.7	0.0	0.0	>10	>20	1.2	>0.5	>1.5	18.3	<19	<18	
	24-Jun-2025	10:41	Sunny	34.0	985.6	739.3	0.0	0.0	>10	>20	3.0	>0.5	>1.5	16.0	<19	<18	
	16-Jul-2025	14:41	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	2.0	>0.5	>1.5	17.0	<19	<18	
	17-Sep-2025	10:46	Sunny	33.7	1012.0	759.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	18.8	<19	<18	
	21-Oct-2025	10:23	Cloudy	23.1	1017.0	762.8	0.0	0.0	>10	>20	3.6	>0.5	>1.5	17.5	<19	<18	
	17-Nov-2025	10:29	Sunny	26.6	1022.3	766.8	0.0	0.0	>10	>20	2.0	>0.5	>1.5	18.5	<19	<18	
	18-Dec-2025	12:25	Sunny	25.2	1020.3	765.3	0.0	0.0	>10	>20	1.6	>0.5	>1.5	19.1	<19	<18	
	20-Jan-2026	13:00	Sunny			0.0	0.0	0.0	>10	>20	1.5	>0.5	>1.5	19.3	<19	<18	
	26-Feb-2026	12:07	Sunny	23.5	1013.5	760.2	0.0	0.0	>10	>20	1.8	>0.5	>1.5	19.2	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-27	15-Apr-2025	11:27	Sunny	31.8	991.7	743.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	23-May-2025	15:33	Sunny	33.5	983.4	737.6	0.0	0.0	>10	>20	2.2	>0.5	>1.5	17.7	<19	<18	
	24-Jun-2025	10:51	Sunny	34.0	985.6	739.3	0.0	0.0	>10	>20	0.5	>0.5	>1.5	19.3	<19	<18	
	16-Jul-2025	14:50	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	0.0	>0.5	>1.5	17.9	<19	<18	
	17-Sep-2025	10:54	Sunny	34.5	1011.8	758.9	0.0	0.0	>10	>20	2.4	>0.5	>1.5	19.4	<19	<18	
	21-Oct-2025	10:44	Cloudy	23.3	1017.1	762.9	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	25-Nov-2025	12:38	Sunny	23.9	1019.9	765.0	0.0	0.0	>10	>20	1.3	>0.5	>1.5	20.1	<19	<18	
	18-Dec-2025	13:01	Sunny	25.2	1019.6	764.8	0.0	0.0	>10	>20	1.4	>0.5	>1.5	19.7	<19	<18	
	20-Jan-2026	13:32	Sunny			0.0	0.0	0.0	>10	>20	1.3	>0.5	>1.5	20.1	<19	<18	
	26-Feb-2026	12:20	Sunny	24.1	1013.1	759.9	0.0	0.0	>10	>20	1.1	>0.5	>1.5	19.9	<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		
					0.0			>10	>20		>0.5	>1.5		<19	<18		
CW-28	29-Apr-2025	11:10	Sunny	28.4	993.6	745.3	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.0	<19	<18	
	24-Jun-2025	11:02	Sunny	34.4	985.5	739.2	0.0	0.0	>10	>20	1.3	>0.5	>1.5	17.8	<19	<18	
	16-Jul-2025	14:59	Sunny	36.8	1004.3	753.3	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.4	<19	<18	
	17-Sep-2025	11:24	Sunny	34.7	1011.7	758.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	25-Nov-2025	13:20	Sunny	24.7	1019.1	764.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	18-Dec-2025	13:17	Sunny	25.2	1019.3	764.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	20-Jan-2026	14:16	Sunny			0.0	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.9	<19	<18	
	26-Feb-2026	12:41	Sunny	23.9	1012.7	759.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
					0.0			>10	>20		>0.5	>1.5		<19	<18		

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-29	15-Apr-2025	11:45	Sunny	31.8	991.4	743.6	0.0	0.0	>10	>20	1.3	>0.5	>1.5	18.7	<19	<18	
	16-May-2025	11:02	Sunny	29.9	991	743.3	0.0	0.0	>10	>20	1.1	>0.5	>1.5	18.4	<19	<18	
	20-Jun-2025	15:50	Sunny	29.7	987.3	740.5	0.0	0.0	>10	>20	0.9	>0.5	>1.5	16.9	<19	<18	
	05-Nov-2025	16:36	Sunny	27.2	1012.6	759.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.6	<19	<18	
	19-Dec-2025	12:53	Sunny	24.2	1016.8	762.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	07-Jan-2026	12:11	Sunny	15.1	1026.9	770.2	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.9	<19	<18	
	13-Feb-2026	15:29	Sunny	27.2	1015.7	761.8	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-30	25-Apr-2025	11:46	Drizzle	24.8	995.7	746.8	0.0	0.0	>10	>20	5.5	>0.5	>1.5	15.1	<19	<18	
	23-May-2025	10:48	Sunny	33.6	985.6	739.3	0.0	0.0	>10	>20	1.4	>0.5	>1.5	18.4	<19	<18	
	12-Jun-2025	10:27	Sunny	30.5	984.1	738.1	0.0	0.0	>10	>20	5.8	>0.5	>1.5	14.8	<19	<18	
	25-Jul-2025	10:25	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.8	<19	<18	
	27-Aug-2025	10:18	Sunny	33.3	1010.2	757.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.5	<19	<18	
	22-Sep-2025	11:32	Sunny	32.3	1008.7	756.6	0.0	0.0	>10	>20	2.4	>0.5	>1.5	17.7	<19	<18	
	17-Oct-2025	11:15	Sunny	32.7	1015.7	761.8	0.0	0.0	>10	>20	1.0	>0.5	>1.5	19.5	<19	<18	
	05-Nov-2025	16:18	Sunny	27.3	1012.4	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	28-Nov-2025	12:31	Sunny	22.5	1019.0	764.3	0.0	0.0	>10	>20	5.4	>0.5	>1.5	12.7	<19	<18	
	27-Jan-2026	15:30	Sunny	27.8	1018.0	763.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.4	<19	<18	
	13-Feb-2026	14:34	Sunny	27.1	1016.2	762.2	0.0	0.0	>10	>20	6.3	>0.5	>1.5	12.1	<19	<18	
CW-31	25-Apr-2025	12:00	Drizzle	25.1	995.3	746.5	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.2	<19	<18	
	23-May-2025	10:33	Sunny	34.5	984.4	738.4	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.4	<19	<18	
	12-Jun-2025	10:38	Sunny	30.7	983.9	738.0	0.0	0.0	>10	>20	8.3	>0.5	>1.5	13.9	<19	<18	
	25-Jul-2025	10:36	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.9	<19	<18	
	27-Aug-2025	10:07	Sunny	32.7	1010.1	757.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.0	<19	<18	
	17-Oct-2025	11:20	Sunny	32.7	1015.7	761.8	0.0	0.0	>10	>20	2.1	>0.5	>1.5	18.6	<19	<18	
	05-Nov-2025	16:22	Sunny	27.3	1012.4	759.4	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.5	<19	<18	
	19-Dec-2025	11:50	Sunny	23.4	1018.4	763.9	0.0	0.0	>10	>20	6.6	>0.5	>1.5	11.0	<19	<18	
	12-Jan-2026	12:47	Cloudy			0.0	0.0	0.0	>10	>20	7.2	>0.5	>1.5	9.8	<19	<18	
	13-Feb-2026	14:52	Sunny	26.7	1016	762.1	0.0	0.0	>10	>20	7.8	>0.5	>1.5	9.0	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-32	29-Apr-2025	10:32	Sunny	27.7	993.8	745.4	0.0	0.0	>10	>20	1.3	>0.5	>1.5	18.8	<19	<18	
	12-Jun-2025	10:48	Sunny	31.1	983.7	737.8	0.0	0.0	>10	>20	0.3	>0.5	>1.5	18.9	<19	<18	
	25-Jul-2025	10:50	Sunny	32.9	1003.4	752.6	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.9	<19	<18	
	19-Aug-2025	9:59	Drizzle	27.6	1012.8	759.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.8	<19	<18	
	02-Dec-2025	11:20	Sunny	25.8	1016.7	762.6	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Baseline Landfill Gas (Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Monitoring Parameter(s)													Remarks
				In-situ Monitoring													
				Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (CH ₄) (%(v/v))	Methane (CH ₄) (%LEL)			Carbon Dioxide (CO ₂) (%(v/v))			Oxygen (O ₂) (%(v/v))			
				Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	
CW-33	23-May-2025	14:08	Sunny	34.6	982.9	737.2	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.1	<19	<18	
	24-Jul-2025	10:05	Sunny	32.2	1003.6	752.8	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	16-Aug-2025	9:16	Sunny	31.3	1010.2	757.7	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.3	<19	<18	
	22-Sep-2025	13:36	Sunny	33.7	1006.2	754.7	0.0	0.0	>10	>20	0.0	>0.5	>1.5	20.8	<19	<18	
	17-Oct-2025	10:41	Sunny	32.8	1016.0	762.1	0.0	0.0	>10	>20	0.0	>0.5	>1.5	19.5	<19	<18	
	25-Nov-2025	10:00	Sunny	21.7	1021.9	766.5	0.0	0.0	>10	>20	0.6	>0.5	>1.5	20.3	<19	<18	
	02-Dec-2025	11:38	Sunny	26.3	1016.1	762.1	0.0	0.0	>10	>20	0.1	>0.5	>1.5	20.4	<19	<18	
	27-Jan-2026	14:52	Sunny	27.6	1018.4	763.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.2	<19	<18	
	04-Feb-2026	10:34	Sunny	20.7	1023.1	767.4	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.9	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-34	28-Mar-2025	10:18	Sunny	25.8	992.5	744.4	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.8	<19	<18	
	23-May-2025	11:06	Sunny	33.0	985.3	739.0	0.0	0.0	>10	>20	2.7	>0.5	>1.5	17.4	<19	<18	
	12-Jun-2025	9:50	Sunny	29.8	984.2	738.2	0.0	0.0	>10	>20	5.9	>0.5	>1.5	14.5	<19	<18	
	24-Jul-2025	10:22	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	0.6	>0.5	>1.5	19.2	<19	<18	
	16-Aug-2025	9:22	Sunny	31.3	1010.2	757.7	0.0	0.0	>10	>20	0.7	>0.5	>1.5	19.4	<19	<18	
	22-Sep-2025	13:44	Sunny	34.2	1006.1	754.6	0.0	0.0	>10	>20	1.0	>0.5	>1.5	19.5	<19	<18	
	14-Oct-2025	11:53	Sunny	32.9	1014.4	760.9	0.0	0.0	>10	>20	0.9	>0.5	>1.5	20.2	<19	<18	
	25-Nov-2025	13:51	Sunny	25.2	1018.4	763.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.6	<19	<18	
	27-Jan-2026	14:10	Sunny	27.3	1018.5	763.9	0.0	0.0	>10	>20	0.9	>0.5	>1.5	19.5	<19	<18	
	04-Feb-2026	9:34	Sunny	19.3	1023.4	767.6	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.7	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	
CW-35	28-Mar-2025	10:32	Sunny	25.9	992.5	744.4	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	23-May-2025	11:18	Sunny	34.6	984.2	738.2	0.0	0.0	>10	>20	0.1	>0.5	>1.5	19.0	<19	<18	
	12-Jun-2025	10:13	Sunny	30.1	984.2	738.2	0.0	0.0	>10	>20	6.5	>0.5	>1.5	18.8	<19	<18	
	24-Jul-2025	10:30	Sunny	32.8	1003.5	752.7	0.0	0.0	>10	>20	11.4	>0.5	>1.5	2.4	<19	<18	
	16-Aug-2025	9:33	Sunny	31.8	1010.2	757.7	0.0	0.0	>10	>20	0.5	>0.5	>1.5	16.7	<19	<18	
	22-Sep-2025	13:50	Sunny	34.2	1006.1	754.6	0.0	0.0	>10	>20	2.0	>0.5	>1.5	17.0	<19	<18	
	14-Oct-2025	11:58	Sunny	32.9	1014.4	760.9	0.0	0.0	>10	>20	0.2	>0.5	>1.5	19.6	<19	<18	
	05-Nov-2025	15:50	Sunny	27.7	1012.5	759.4	0.0	0.0	>10	>20	0.3	>0.5	>1.5	20.5	<19	<18	
	02-Dec-2025	12:21	Sunny	26.7	1015.6	761.8	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.1	<19	<18	
	07-Jan-2026	9:40	Sunny	12.3	1028.3	771.3	0.0	0.0	>10	>20	1.7	>0.5	>1.5	19.4	<19	<18	
	04-Feb-2026	10:28	Sunny	20.7	1023.1	767.4	0.0	0.0	>10	>20	0.2	>0.5	>1.5	20.4	<19	<18	
						0.0			>10	>20		>0.5	>1.5		<19	<18	

Remarks:

- (1) Dark yellow text with yellow highlight refer to exceed the action level.
- (2) Red text with red highlight refer to exceed the limit level.
- (3) This Action Level of CO2 at 0.5% is set for reference only, assuming no CO2 emission from a particular location. Depending on the baseline CO2 levels, the Action Level at a particular location will be changed.
- (4) "TBP" equal to "To Be Provided"

Appendix 4.3
Monitoring Results for Baseline Landfill Gas (Flammable Gas) (Monitoring Borehole) Monitoring

Baseline Landfill Gas (Flammable Gas - Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	In-situ Monitoring					Laboratory Analysis															Remarks
			Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (ppmv)	Methane (% (v/v))	Methane (%LEL)			CO ₂ (% (v/v))			O ₂ (% (v/v))			Nitrogen (% (v/v))	CO (% (v/v))	Hydrogen (% (v/v))	Ethane (ppmv)	Propane (ppmv)	Butane (ppmv)	
			Value	Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Value	Value	Value	Value	Value	
CW-1	03-Apr-2025	13:07	24.5	996.8	747.7	3.3	0.00033	0.0066	>10	>20	0.186	>0.5	>1.5	20.0	<19	<18	75.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-1	08-Jul-2025	10:55	33.2	1004.5	753.4	N/A	<0.0200	<0.4	>10	>20	0.047	>0.5	>1.5	20.5	<19	<18	75.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-1	04-Nov-2025	9:56	21.1	1020	765.1	N/A	<0.0200	<0.4	>10	>20	0.055	>0.5	>1.5	20.1	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-1	26-Feb-2026	10:15	22.4	1015.1	761.4	N/A	<0.0200	<0.4	>10	>20	0.047	>0.5	>1.5	20.3	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-2	27-May-2025	13:45	28.3	991.7	743.8	N/A	<0.0200	<0.4	>10	>20	0.479	>0.5	>1.5	19.2	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-2	08-Jul-2025	10:42	34.0	1004.5	753.4	N/A	<0.0200	<0.4	>10	>20	0.106	>0.5	>1.5	20.3	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-2	04-Nov-2025	9:50	21.1	1020	765.1	N/A	<0.0200	<0.4	>10	>20	0.374	>0.5	>1.5	20.1	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-2	26-Feb-2026	10:23	22.1	1015	761.3	N/A	<0.0200	<0.4	>10	>20	0.368	>0.5	>1.5	20.2	<19	<18	75.5	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-3	03-Apr-2025	13:33	24.8	996.4	747.4	5.2	0.00052	0.0104	>10	>20	0.752	>0.5	>1.5	19.6	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-3	08-Jul-2025	10:30	33.6	1004.5	753.4	N/A	<0.0200	<0.4	>10	>20	0.047	>0.5	>1.5	20.5	<19	<18	75.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-3	04-Nov-2025	9:43	21.1	1020	765.1	N/A	<0.0200	<0.4	>10	>20	5.050	>0.5	>1.5	14.2	<19	<18	76.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-3	26-Feb-2026	10:30	22.1	1015	761.3	N/A	<0.0200	<0.4	>10	>20	3.510	>0.5	>1.5	14.9	<19	<18	77.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-4	23-Apr-2025	11:48	31.8	988.1	741.1	3.7	0.00037	0.0074	>10	>20	0.504	>0.5	>1.5	19.4	<19	<18	76.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-4	08-Jul-2025	10:45	34.0	1004.5	753.4	N/A	<0.0200	<0.4	>10	>20	0.106	>0.5	>1.5	20.3	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-4	07-Nov-2025	15:33	27.9	1014	760.6	N/A	<0.0200	<0.4	>10	>20	0.338	>0.5	>1.5	19.6	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-4	26-Feb-2026	10:36	22.1	1015	761.3	N/A	<0.0200	<0.4	>10	>20	1.420	>0.5	>1.5	18.5	<19	<18	76.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-5	24-Jun-2025	12:12	33.9	985.7	739.3	N/A	<0.0200	<0.4	>10	>20	0.180	>0.5	>1.5	20.2	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-5	23-Sep-2025	10:06	30.6	1003.5	752.7	N/A	<0.0200	<0.4	>10	>20	0.121	>0.5	>1.5	20.2	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-5	07-Nov-2025	14:43	28.1	1014	760.6	N/A	<0.0200	<0.4	>10	>20	0.240	>0.5	>1.5	20.1	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-5	26-Feb-2026	11:02	22.6	1014.5	760.9	N/A	<0.0200	<0.4	>10	>20	3.490	>0.5	>1.5	15.5	<19	<18	78.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-6	27-May-2025	13:53	28.4	991.5	743.7	N/A	<0.0200	<0.4	>10	>20	0.723	>0.5	>1.5	19.5	<19	<18	74.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-6	02-Sep-2025	10:47	33.2	1010.4	757.9	N/A	<0.0200	<0.4	>10	>20	0.230	>0.5	>1.5	20.1	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-6	07-Nov-2025	15:13	27.9	1014	760.6	N/A	<0.0200	<0.4	>10	>20	0.238	>0.5	>1.5	20.0	<19	<18	75.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-6	26-Feb-2026	11:10	22.7	1014.5	760.9	N/A	<0.0200	<0.4	>10	>20	0.343	>0.5	>1.5	20.2	<19	<18	76.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-7	03-Apr-2025	13:53	25.0	996.5	747.4	2.3	0.00023	0.0046	>10	>20	0.499	>0.5	>1.5	19.7	<19	<18	75.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-7	02-Sep-2025	10:57	33.6	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	0.611	>0.5	>1.5	19.3	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-7	07-Nov-2025	15:07	28.1	1014	760.6	N/A	<0.0200	<0.4	>10	>20	0.138	>0.5	>1.5	20.1	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-7	26-Feb-2026	11:31	22.6	1014.2	760.7	N/A	<0.0200	<0.4	>10	>20	1.990	>0.5	>1.5	18.7	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-8	03-Apr-2025	13:59	24.9	996.5	747.4	2.1	0.00021	0.0042	>10	>20	0.559	>0.5	>1.5	19.6	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-8	02-Sep-2025	11:06	33.6	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	0.088	>0.5	>1.5	20.2	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-8	07-Nov-2025	15:03	28.1	1014	760.6	N/A	<0.0200	<0.4	>10	>20	0.137	>0.5	>1.5	20.1	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-8	26-Feb-2026	11:41	23.1	1013.8	760.4	N/A	<0.0200	<0.4	>10	>20	2.790	>0.5	>1.5	17.2	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-9	10-Apr-2025	16:54	28.3	987	740.3	1.2	0																

Baseline Landfill Gas (Flammable Gas - Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	In-situ Monitoring					Laboratory Analysis															Remarks
			Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (ppmv)	Methane (% (v/v))	Methane (%LEL)			CO ₂ (% (v/v))			O ₂ (% (v/v))			Nitrogen (% (v/v))	CO (% (v/v))	Hydrogen (% (v/v))	Ethane (ppmv)	Propane (ppmv)	Butane (ppmv)	
			Value	Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Value	Value	Value	Value	Value	
CW-15	24-Jun-2025	15:09	32.0	985.1	738.9	N/A	<0.0200	<0.4	>10	>20	0.059	>0.5	>1.5	20.4	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-15	05-Sep-2025	10:28	33.1	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	0.337	>0.5	>1.5	20.0	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-15	13-Nov-2025	9:25	21.2	1018	763.6	N/A	<0.0200	<0.4	>10	>20	0.592	>0.5	>1.5	19.7	<19	<18	75.8	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-15	16-Jan-2026	10:35	21.9	1016.5	762.4	N/A	<0.0200	<0.4	>10	>20	1.20	>0.5	>1.5	19.4	<19	<18	76.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-16	24-Jun-2025	15:17	31.7	985.5	739.2	N/A	<0.0200	<0.4	>10	>20	0.296	>0.5	>1.5	19.9	<19	<18	76.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-16	05-Sep-2025	10:33	33.2	1010.4	757.9	N/A	<0.0200	<0.4	>10	>20	3.38	>0.5	>1.5	14.6	<19	<18	78.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-16	13-Nov-2025	9:56	21.4	1018	763.6	N/A	<0.0200	<0.4	>10	>20	0.14	>0.5	>1.5	20.3	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-16	16-Jan-2026	11:00	23.4	1016.1	762.1	N/A	<0.0200	<0.4	>10	>20	0.167	>0.5	>1.5	20.6	<19	<18	76.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-17	15-May-2025	15:29	30.6	989.7	742.3	N/A	<0.0200	<0.4	>10	>20	2.71	>0.5	>1.5	17.2	<19	<18	75.8	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-17	05-Sep-2025	10:36	33.2	1010.4	757.9	N/A	<0.0200	<0.4	>10	>20	1.60	>0.5	>1.5	18.9	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-17	13-Nov-2025	10:25	21.7	1018	763.6	N/A	<0.0200	<0.4	>10	>20	2.34	>0.5	>1.5	18.6	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-17	16-Jan-2026	11:24	24.4	1015.9	762.0	N/A	<0.0200	<0.4	>10	>20	1.330	>0.5	>1.5	19.7	<19	<18	76.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-18	10-Apr-2025	18:20	26.4	988.5	741.4	2.5	0.00025	0.0050	>10	>20	0.497	>0.5	>1.5	19.6	<19	<18	76.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-18	05-Sep-2025	10:00	33.1	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	1.75	>0.5	>1.5	18.7	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-18	13-Nov-2025	10:56	22.4	1018	763.6	N/A	<0.0200	<0.4	>10	>20	0.73	>0.5	>1.5	19.9	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-18	16-Jan-2026	12:01	25.3	1015.1	761.4	N/A	<0.0200	<0.4	>10	>20	0.480	>0.5	>1.5	20.2	<19	<18	76.5	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-19	23-Apr-2025	10:56	30.5	989.6	742.3	5.0	0.0005	0.0100	>10	>20	0.134	>0.5	>1.5	18.6	<19	<18	76.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-19	05-Sep-2025	10:40	33.8	1010.2	757.7	N/A	<0.0200	<0.4	>10	>20	0.760	>0.5	>1.5	18.7	<19	<18	76.5	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-19	13-Nov-2025	11:29	22.4	1017	762.8	N/A	<0.0200	<0.4	>10	>20	0.285	>0.5	>1.5	19.9	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-19	16-Jan-2026	13:20	27.2	1013.8	760.4	N/A	<0.0200	<0.4	>10	>20	1.170	>0.5	>1.5	19.0	<19	<18	77.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-20	29-Apr-2025	16:09	27.3	992	744.1	N/A	<0.0200	<0.4	>10	>20	0.766	>0.5	>1.5	19.6	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-20	05-Sep-2025	10:30	33.6	1010.3	757.8	N/A	<0.0200	<0.4	>10	>20	0.560	>0.5	>1.5	19.9	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-20	13-Nov-2025	11:50	22.3	1017	762.8	N/A	<0.0200	<0.4	>10	>20	3.320	>0.5	>1.5	17.4	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-20	16-Jan-2026	12:57	27.2	1014.1	760.6	N/A	<0.0200	<0.4	>10	>20	1.160	>0.5	>1.5	19.5	<19	<18	76.8	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-21	15-May-2025	15:40	30.5	989.6	742.3	N/A	<0.0200	<0.4	>10	>20	1.14	>0.5	>1.5	18.3	<19	<18	75.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-21	05-Sep-2025	10:35	33.6	1010.3	757.8	N/A	<0.0200	<0.4	>10	>20	0.629	>0.5	>1.5	19.6	<19	<18	75.7	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-21	13-Nov-2025	13:05	22.9	1016	762.1	N/A	<0.0200	<0.4	>10	>20	1.140	>0.5	>1.5	19.3	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-21	16-Jan-2026	12:36	25.9	1014.6	761.0	N/A	<0.0200	<0.4	>10	>20	0.516	>0.5	>1.5	20.2	<19	<18	76.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-22	24-Jun-2025	9:44	33.1	985.0	738.8	N/A	<0.0200	<0.4	>10	>20	0.138	>0.5	>1.5	20.2	<19	<18	76.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-22	17-Sep-2025	10:12	33.3	1012	759.1	N/A	<0.0200	<0.4	>10	>20	0.048	>0.5	>1.5	20.2	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-22	17-Nov-2025	9:05	24.6	1022	766.6	N/A	<0.0200	<0.4	>10	>20	1.490	>0.5	>1.5	17.8	<19	<18	75.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-22	20-Jan-2026	10:03	20.0	1020.1	765.1	N/A	<0.0200	<0.4	>10	>20	1.690	>0.5	>1.5	18.0	<19	<18	77.8	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-23	24-Jun-2025	9:49	33.1	984.9																			

Baseline Landfill Gas (Flammable Gas - Monitoring Borehole) Monitoring Results

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	In-situ Monitoring					Laboratory Analysis															Remarks
			Temperature (°C)	Pressure (mBar)	Pressure (mmHg)	Methane (ppmv)	Methane (% (v/v))	Methane (%LEL)			CO ₂ (% (v/v))			O ₂ (% (v/v))			Nitrogen (% (v/v))	CO (% (v/v))	Hydrogen (% (v/v))	Ethane (ppmv)	Propane (ppmv)	Butane (ppmv)	
			Value	Value	Value	Value	Value	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Action Level	Limit Level	Value	Value	Value	Value	Value	Value	
CW-29	10-Apr-2025	17:51	27.2	987.9	741.0	2.5	0.00025	0.0050	>10	>20	1.16	>0.5	>1.5	19.4	<19	<18	76.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-29	04-Nov-2025	14:17	21.0	1017	762.8	N/A	<0.0200	<0.4	>10	>20	0.125	>0.5	>1.5	20.2	<19	<18	75.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-29	26-Feb-2026	10:18	22.4	1015.1	761.4	N/A	<0.0200	<0.4	>10	>20	0.120	>0.5	>1.5	20.2	<19	<18	75.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-29					0.0	N/A			>10	>20		>0.5	>1.5		<19	<18							
CW-30	23-Apr-2025	11:30	32.0	987.9	741.0	3.0	0.0003	0.0060	>10	>20	3.72	>0.5	>1.5	16.5	<19	<18	76.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-30	02-Sep-2025	12:00	33.7	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	0.158	>0.5	>1.5	20.1	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-30	04-Nov-2025	10:20	21.1	1020	765.1	N/A	<0.0200	<0.4	>10	>20	4.020	>0.5	>1.5	14.4	<19	<18	77.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-30	27-Jan-2026	15:34	27.8	1018	763.6	N/A	<0.0200	<0.4	>10	>20	3.790	>0.5	>1.5	15.4	<19	<18	76.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-31	23-Apr-2025	11:20	31.0	988.5	741.4	1.9	0.00019	0.0038	>10	>20	0.744	>0.5	>1.5	19.4	<19	<18	75.7	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-31	04-Nov-2025	14:01	20.9	1017	762.8	N/A	<0.0200	<0.4	>10	>20	1.910	>0.5	>1.5	17.4	<19	<18	75.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-31	26-Feb-2026	13:06	24.6	1012	759.1	N/A	<0.0200	<0.4	>10	>20	4.530	>0.5	>1.5	13.0	<19	<18	77.5	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-31					0.0	N/A			>10	>20		>0.5	>1.5		<19	<18							
CW-32	29-Apr-2025	10:40	27.8	993.8	745.4	N/A	<0.0200	<0.4	>10	>20	0.421	>0.5	>1.5	20.0	<19	<18	75.5	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-32	02-Sep-2025	11:56	33.7	1010.5	757.9	N/A	<0.0200	<0.4	>10	>20	0.081	>0.5	>1.5	20.3	<19	<18	75.3	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-32	24-Dec-2025	10:50	15.1	1028	771.1	N/A	<0.0200	<0.4	>10	>20	0.182	>0.5	>1.5	20.2	<19	<18	76.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-32					0.0	N/A			>10	>20		>0.5	>1.5		<19	<18							
CW-33	27-May-2025	14:10	28.5	991.4	743.6	N/A	<0.0200	<0.4	>10	>20	0.043	>0.5	>1.5	20.0	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-33	02-Sep-2025	10:26	33.2	1010.4	757.9	N/A	<0.0200	<0.4	>10	>20	0.047	>0.5	>1.5	20.2	<19	<18	74.9	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-33	07-Nov-2025	14:10	21.0	1017	762.8	N/A	<0.0200	<0.4	>10	>20	0.246	>0.5	>1.5	19.6	<19	<18	75.6	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-33	27-Jan-2026	14:56	27.7	1018.2	763.7	N/A	<0.0200	<0.4	>10	>20	0.169	>0.5	>1.5	20.1	<19	<18	75.4	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-34	03-Apr-2025	12:43	24.5	997.7	748.3	1.4	0.00014	0.0028	>10	>20	4.80	>0.5	>1.5	15.2	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-34	08-Jul-2025	10:02	33.3	1004.9	753.7	N/A	<0.0200	<0.4	>10	>20	0.716	>0.5	>1.5	19.4	<19	<18	76.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-34	27-Jan-2026	14:27	27.4	1018.4	763.9	N/A	<0.0200	<0.4	>10	>20	0.393	>0.5	>1.5	20.1	<19	<18	75.2	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-34					0.0	N/A			>10	>20		>0.5	>1.5		<19	<18							
CW-35	03-Apr-2025	12:47	24.5	997.7	748.3	19.9	0.00199	0.0398	>10	>20	4.00	>0.5	>1.5	14.5	<19	<18	77.0	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-35	08-Jul-2025	10:07	33.3	1004.9	753.7	N/A	<0.0200	<0.4	>10	>20	3.85	>0.5	>1.5	14.7	<19	<18	78.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-35	04-Nov-2025	10:10	21.1	1020	765.1	N/A	<0.0200	<0.4	>10	>20	1.32	>0.5	>1.5	19.0	<19	<18	75.1	<0.020	<0.020	<1.0	<1.0	<1.0	
CW-35	26-Feb-2026	10:05	22.2	1015	761.3	N/A	<0.0200	<0.4	>10	>20	0.256	>0.5	>1.5	19.9	<19	<18	74.7	<0.020	<0.020	<1.0	<1.0	<1.0	

- Remarks:
- (1) Dark yellow text with yellow highlight refer to exceed the action level.
- (2) Red text with red highlight refer to exceed the limit level.
- (3) This Action Level of CO2 at 0.5% is set for reference only, assuming no CO2 emission from a particular location. Depending on the baseline CO2 levels, the Action Level at a particular location will be changed.
- (4) "TBP" equal to "To Be Provided"

Appendix 5.1
Calibration Certificates for Baseline Water Quality
(Groundwater) Monitoring



Calibration Certificate

Certificate No. : CSA52211
Page : 1 of 2

Information Provided by Customer

Customer : Aurecon Hong Kong Limited
Address : N/A

Information of Unit-under-test (UUT)

Description	: Water Level Measuring Tape	Equipment I.D. No.	: CAL-252454
Manufacturer	: -	Serial No.	: -
Type	: -	Resolution	: 1 mm
Range	: 0 to 100 m		

Laboratory Information

Lab. Ref. No.	: Q/CAL/25/2454/E	Procedure	: CQS/040/L
Date of Calibration	: 27-Mar-2025	Date of Receipt	: 18-Mar-2025
Date of Issue	: 31-Mar-2025	Calibration Location	: Calibration Laboratory

Calibration Condition

Ambient Temperature	: (20±3) °C	Relative Humidity	: (50±20) %
Stabilizing Time	: 30 minutes	Sampling	: As received

Reference equipment

- Reference Steel Tape, ET/2010/25

Calibration specification

- To perform the calibration of length on metric scale.

Calibration result

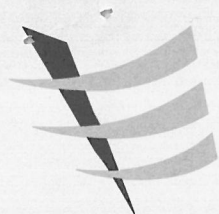
- The results are detailed on the subsequent pages.

Remarks

1. The calibration results apply to the particular unit-under-test only.
2. The value given in this certificate of calibration only relate to the values measured at the time of test and any measurement uncertainties quoted will not include allowances for the equipment long term drift, variations with environmental changes, vibration and shock during transportation or the capability of any other laboratory to repeat the measurement.
3. The error are mean of three measurements.
4. Customer specified re-calibration date: 26-Mar-2026

Calibrated By : Winnie LU &
Sam WONG
(Technician)

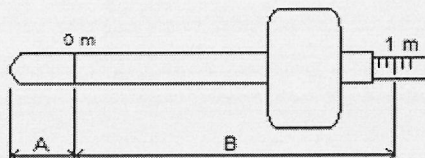
Approved Signatory : 
CHAN Chi Wai



Calibration Certificate

Certificate No. : CSA52211
Page : 2 of 2

Calibration result :



Sketch of UUT tip (not to scale and sketch outline only)

(unit in : mm)

	Measured Value	Expanded Uncertainty	Coverage Factor
Distance from UUT tip edge where UUT is sounded (Position A)	89.00	0.23	2.0

Scale Accuracy of UUT:

UUT Scale (m)	Measured Value (m)	Error (mm)	Expanded Uncertainty (mm)	Coverage Factor
0 to 1	1.0020	-2.0	1.2	2.0
0 to 3	3.0020	-2.0	1.2	2.0
0 to 5	5.0020	-2.0	1.2	2.0
0 to 10	10.0015	-1.5	2.4	2.0
0 to 20	20.0005	-0.5	4.8	2.0
0 to 30	29.9998	0.2	7.2	2.0
0 to 40	39.9993	0.7	9.6	2.0
0 to 50	49.9988	1.2	12.0	2.0
0 to 60	59.9983	1.7	14.4	2.0
0 to 70	69.9978	2.2	16.8	2.0
0 to 80	79.9973	2.7	19.2	2.0
0 to 90	89.9968	3.2	21.6	2.0
0 to 100	99.9963	3.7	24.0	2.0

- Note :
- Uncertainty quoted is based on 95 % confidence level.
 - Reference point / Start point of UUT defined at indication mark (Position B).
 - Tension force applied during calibration: 2 kg
 - Error = UUT Scale - Measured Value.

*** End of certificate ***



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www.alsglobal.com

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: TOBY WAN
CLIENT: AURECON HONG KONG LIMITED
ADDRESS: UNIT 1608, 16/F, TOWER B,
MANULIFE FINANCIAL CENTRE,
223-231 WAI YIP STREET,
KWUN TONG, HONG KONG

WORK ORDER: HK2603839
SUB-BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 26-Jan-2026
DATE OF ISSUE: 28-Jan-2026

SPECIFIC COMMENTS

It is certified that the item under calibration/checking has been calibrated/checked by corresponding calibrated equipment in the laboratory.

Maximum Tolerance and calibration frequency stated in the report, unless otherwise stated, the internal acceptance criteria of ALS will be followed.

Scope of Test: Detection on Water Meter Reading
Description: Interface Probe
Brand Name/ Model No.: GaMicos / GLT500A
Serial No./ Equipment No.: N/A
Date of Calibration: 27 January, 2026

GENERAL COMMENTS

This report superseded any previous report(s) with same work order number.

Mr Chan Wai Hung, Mannix
Laboratory Manager
Project

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



Work Order: HK2603839
Sub-Batch: 0
Client: AURECON HONG KONG LIMITED
Date of Issue: 28-Jan-2026

Equipment Type: Interface Probe
Brand Name/ Model No.: GaMicos / GLT500A
Serial No./ Equipment No.: N/A
Date of Calibration: 27 January, 2026 Date of next Calibration: 27 January, 2027

Parameters:

Length Accuracy

Method Ref: In house Measurement

Expected Reading (m)	Meter Reading (m)	Difference (m)
40.0	40.0	+0.00
80.0	80.0	+0.00
Tolerance Allowance:		±0.05

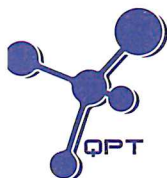
Phase Probe Response

Method Ref: In house Measurement

Matrix	Response (Yes/No)
Water phase detector	Yes

A blue ink signature, appearing to be 'Wai Hung', is written above a horizontal line.

Mr Chan Wai Hung, Mannix
Laboratory Manager
Project



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE030049
Date of Issue : 18 March 2025
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit 1608, 16/F, Tower B, Manulife Fin. Centre 223 - 231 Wai Yip Street, Kwun Tong,

Kowloon (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters
Manufacturer : YSI
Serial Number : 22C106561
Date of Received : 13 March 2025
Date of Calibration : 17 March 2025
Date of Next Calibration : 16 June 2025
Request No. : D-BE030049

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter	Reference Method
pH value	APHA 21e 4500-H ⁺ B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure
Dissolved oxygen	APHA 23e 4500-O G (Membrane Electrode Method)
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B (Nephelometric Method)

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	3.96	-0.04	Satisfactory
7.42	7.27	-0.15	Satisfactory
10.01	9.96	-0.05	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer	Display Reading	Tolerance	Result
11.8	12.3	0.5	Satisfactory
21.8	21.1	-0.7	Satisfactory
34.1	33.0	-1.1	Satisfactory

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

(3) Dissolved oxygen

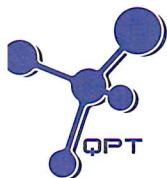
Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
8.84	9.11	0.27	Satisfactory
6.65	6.51	-0.14	Satisfactory
3.90	3.98	0.08	Satisfactory
0.01	0.34	0.33	

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE030049

Date of Issue : 18 March 2025

Page No. : 2 of 2

PART D - CALIBRATION RESULT

(4) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.35	3.5	Satisfactory
20	20.62	3.1	Satisfactory
30	30.38	1.3	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.76	-	Satisfactory
10	10.80	8	Satisfactory
20	19.73	-1.35	Satisfactory
100	96.97	-3.03	Satisfactory
800	721.95	-9.8	Satisfactory

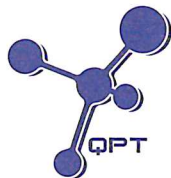
Tolerance of Turbidity should be less than ± 10.0 (%)

^(a) For O NTU, Display Reading should be less than 1 NTU

Remark(s): -

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

--- END OF REPORT ---



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE060050

Date of Issue : 13 June 2025

Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit 1608, 16/F, Tower B, Manulife Fin. Centre 223 - 231 Wai Yip Street, Kwun Tong,

Kowloon (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters

Manufacturer : YSI

Serial Number : 15M101091

Date of Received : 06 June 2025

Date of Calibration : 10 June 2025

Date of Next Calibration : 10 September 2025

Request No. : D-BE060050

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

pH value

Temperature

Salinity

Dissolved oxygen

Turbidity

Conductivity

Reference Method

APHA 21e 4500-H⁺ B

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure

APHA 21e 2520 B

APHA 23e 4500-O G (Membrane Electrode Method)

APHA 21e 2130 B (Nephelometric Method)

APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.15	0.15	Satisfactory
7.42	7.41	-0.01	Satisfactory
10.01	9.96	-0.05	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
35.5	35.4	-0.1	Satisfactory
25.8	25.6	-0.2	Satisfactory
14.2	14.4	0.2	Satisfactory

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

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.49	4.9	Satisfactory
20	20.93	4.65	Satisfactory
30	30.83	2.77	Satisfactory

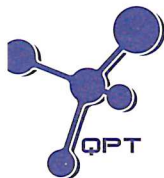
Tolerance of Salinity should be less than ± 10.0 (%)

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AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE060050

Date of Issue : 13 June 2025

Page No. : 2 of 2

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
7.73	8.02	0.29	Satisfactory
5.24	5.51	0.27	Satisfactory
3.04	3.18	0.14	Satisfactory
0.08	0.20	0.12	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.04	-	Satisfactory
10	10.09	0.9	Satisfactory
20	18.81	-6.33	Satisfactory
100	94.55	-5.45	Satisfactory
800	811.97	1.50	Satisfactory

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

(6) Conductivity

Expected Reading ($\mu\text{S/cm}$ at 25°C)	Display Reading ($\mu\text{S/cm}$ at 25°C)	Tolerance (%)	Result
146.9	139.5	-5.04	Satisfactory
1412	1495	5.88	Satisfactory
12890	12839	-0.40	Satisfactory
58670	58697	0.05	Satisfactory
111900	112304	0.36	Satisfactory

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

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s)

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

--- END OF REPORT ---



REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: JOE HO
CLIENT: AURECON HONG KONG LIMITED
ADDRESS: UNIT 1608, 16/F, TOWER B,
MANULIFE FINANCIAL CENTRE,
223-231 WAI YIP STREET,
KWUN TONG, HONG KONG

WORK ORDER: HK2527407
SUB-BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 03-Jul-2025
DATE OF ISSUE: 11-Jul-2025

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: Dissolved Oxygen, pH Value, Turbidity, Salinity and Temperature

Brand Name/ Model No.: [YSI]/ [ProDSS]

Serial No./ Equipment No.: [24G101659]/ [N/A]

Date of Calibration: 10-July-2025

Ms. Cheng Sin Ying, May
Senior Chemist - Inorganics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK2527407
SUB-BATCH: 0
DATE OF ISSUE: 11-Jul-2025
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: 10-July-2025

Date of Next Calibration: 10-October-2025

PARAMETERS:

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
2.48	2.57	+0.09
5.15	5.27	+0.12
7.37	7.27	-0.10
	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	3.83	-0.17
7.0	7.06	+0.06
10.0	9.92	-0.08
	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. Cheng Sin Ying, May
Senior Chemist - Inorganics

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK2527407
SUB-BATCH: 0
DATE OF ISSUE: 11-Jul-2025
CLIENT: AURECON HONG KONG LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [ProDSS]
Serial No.: [24G101659]/ [N/A]
Equipment No.:
Date of Calibration: 10-July-2025

Date of Next Calibration: 10-October-2025

PARAMETERS:

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.10	--
4	4.37	+9.3
40	41.85	+4.6
80	84.06	+5.1
400	409.39	+2.3
800	793.95	-0.8
Tolerance Limit (%)		±10.0

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.00	--
10	9.87	-1.3
20	19.55	-2.3
30	29.48	-1.7
Tolerance Limit (%)		±10.0

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

Ms. Cheng Sin Ying, May
Senior Chemist - Inorganics

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK2527407
SUB-BATCH: 0
DATE OF ISSUE: 11-Jul-2025
CLIENT: AURECON HONG KONG LIMITED

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [YSI]/ [ProDSS]
Serial No.: [24G101659]/ [N/A]
Equipment No.:
Date of Calibration: 10-July-2025

Date of Next Calibration: 10-October-2025

PARAMETERS:

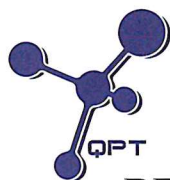
Temperature

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)
10.0	11.3	+1.3
19.5	19.4	-0.1
39.5	39.6	+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. Cheng Sin Ying, May
Senior Chemist - Inorganics



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE090186
Date of Issue : 26 September 2025
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit 1608, 16/F, Tower B, Manulife Fin. Centre 223 - 231 Wai Yip Street, Kwun Tong,
Kowloon (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS (Multi Parameters)
Manufacturer : YSI
Serial Number : 22D100436
Date of Received : 19 September 2025
Date of Calibration : 25 September 2025
Date of Next Calibration : 24 December 2025
Request No. : D-BE090186

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter	Reference Method
pH value	APHA 21e 4500-H ⁺ B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure
Dissolved oxygen	APHA 23e 4500-O G (Membrane Electrode Method)
Conductivity	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B (Nephelometric Method)

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.00	0	Satisfactory
7.42	7.42	0	Satisfactory
10.01	10.00	-0.01	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
35.6	35.0	-0.6	Satisfactory
24.9	24.6	-0.3	Satisfactory
11.8	11.7	-0.1	Satisfactory

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

(3) Dissolved oxygen

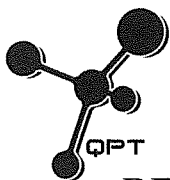
Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
7.71	7.89	0.18	Satisfactory
6.52	6.50	-0.02	Satisfactory
3.14	3.32	0.18	Satisfactory
0.02	0.08	0.06	Satisfactory

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

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AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE090186

Date of Issue : 26 September 2025

Page No. : 2 of 2

(4) Conductivity

Expected Reading ($\mu\text{S}/\text{cm}$ at 25°C)	Display Reading ($\mu\text{S}/\text{cm}$ at 25°C)	Tolerance (%)	Result
146.9	160.1	9.0	Satisfactory
1412	1426	1.0	Satisfactory
12890	11741	-8.9	Satisfactory
58670	53841	-8.2	Satisfactory
111900	104478	-6.6	Satisfactory

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

(5) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.69	-3.10	Satisfactory
20	18.93	-5.35	Satisfactory
30	30.79	2.63	Satisfactory

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

(6) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.36	-	Satisfactory
10	9.46	-5.4	Satisfactory
20	18.47	-7.7	Satisfactory
100	94.00	-6.0	Satisfactory
800	734.12	-8.2	Satisfactory

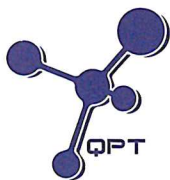
Tolerance of Turbidity should be less than ± 10.0 (%)

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s):

1. The "Date of Next Calibration" is set in accordance with the best practices of QPT or relevant international standards.
2. The calibration results apply exclusively to the equipment as received.
3. This report verifies the equipment's performance by testing it with independent reference material and comparing the results against a calibrated secondary standard.
4. "Displayed Reading" refers to the value shown on the unit under calibration, irrespective of its internal precision or significant figures.
5. The "Tolerance Limit" represents the acceptance criteria used by Quality Pro Test-Consult Ltd. for similar equipment, as derived from relevant international standards.

--- END OF REPORT ---



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE110100

Date of Issue : 25 November 2025

Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

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Kowloon (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters
Manufacturer : YSI
Serial Number : 15M101091
Date of Received : 21 November 2025
Date of Calibration : 24 November 2025
Date of Next Calibration : 23 February 2026
Request No. : D-BE110100

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

pH value

Temperature

Dissolved oxygen

Conductivity

Salinity

Turbidity

Reference Method

APHA 21e 4500-H⁺ B

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March
2008: Working Thermometer Calibration Procedure

APHA 23e 4500-O G (Membrane Electrode Method)

APHA 21e 2510 B

APHA 21e 2520 B

APHA 21e 2130 B (Nephelometric Method)

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.10	0.10	Satisfactory
7.42	7.48	0.06	Satisfactory
10.01	9.99	-0.02	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
12.1	12.1	0	Satisfactory
22.7	22.7	0	Satisfactory
30.9	30.9	0	Satisfactory

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

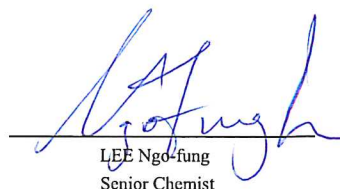
(3) Dissolved oxygen

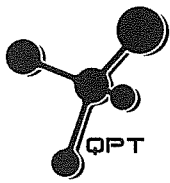
Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
7.95	7.78	-0.17	Satisfactory
5.48	5.21	-0.27	Satisfactory
3.21	3.01	-0.20	Satisfactory
0.02	0.16	0.14	Satisfactory

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

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AUTHORIZED
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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE110100
Date of Issue : 25 November 2025
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(4) Conductivity

Expected Reading ($\mu\text{S/cm}$ at 25°C)	Display Reading ($\mu\text{S/cm}$ at 25°C)	Tolerance (%)	Result
146.9	160.1	9.0	Satisfactory
1412	1476	4.5	Satisfactory
12890	12037	-6.6	Satisfactory
58670	55421	-5.5	Satisfactory
111900	108998	-2.6	Satisfactory

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

(5) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.95	-0.50	Satisfactory
20	19.99	-0.05	Satisfactory
30	30.19	-0.63	Satisfactory

Tolerance of Salinity should be less than ± 10.0 (g/L)

(6) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.04	-	Satisfactory
10	9.48	-5.2	Satisfactory
20	21.78	8.9	Satisfactory
100	98.65	1.4	Satisfactory
800	782.16	-2.2	Satisfactory

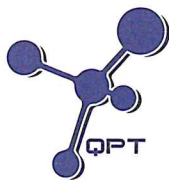
Tolerance of Turbidity should be less than ± 10.0 (%)

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s)

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

--- END OF REPORT ---



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE120036

Date of Issue : 10 December 2025

Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited

Unit 1608, 16/F, Tower B, Manulife Fin. Centre 223 - 231 Wai Yip Street, Kwun Tong,

Kowloon (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters

Manufacturer : YSI

Serial Number : 22C106561

Date of Received : 08 December 2025

Date of Calibration : 09 December 2025

Date of Next Calibration : 08 March 2026

Request No. : D-BE120036

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

pH value

Temperature

Salinity

Dissolved oxygen

Turbidity

Conductivity

Reference Method

APHA 21e 4500-H⁺ B

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure

APHA 21e 2520 B

APHA 23e 4500-O G (Membrane Electrode Method)

APHA 21e 2130 B (Nephelometric Method)

APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	3.95	-0.05	Satisfactory
7.42	7.41	-0.01	Satisfactory
10.01	10.04	0.03	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance (°C)	Result
34.3	33.3	-1.0	Satisfactory
21.9	21.1	-0.8	Satisfactory
14.7	13.7	-1.0	Satisfactory

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

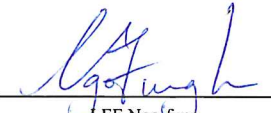
(3) Salinity

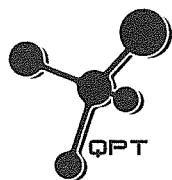
Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	9.81	-1.9	Satisfactory
20	19.78	-1.1	Satisfactory
30	29.14	-2.9	Satisfactory

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED
SIGNATORY:


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Senior Chemist



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE120036
Date of Issue : 10 December 2025
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(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
7.82	8.12	0.30	Satisfactory
5.23	4.98	-0.25	Satisfactory
3.25	3.43	0.18	Satisfactory
0.06	0.36	0.30	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.28	-	Satisfactory
10	9.21	-7.9	Satisfactory
20	18.74	-6.3	Satisfactory
100	94.21	-5.8	Satisfactory
800	786.18	-1.7	Satisfactory

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

(6) Conductivity

Expected Reading ($\mu\text{S}/\text{cm}$ at 25°C)	Display Reading ($\mu\text{S}/\text{cm}$ at 25°C)	Tolerance (%)	Result
146.9	151.2	2.9	Satisfactory
1412	1313	-7.0	Satisfactory
12890	12901	0.1	Satisfactory
58670	56340	-4.0	Satisfactory
111900	108918	-2.7	Satisfactory

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

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s): -

- The "Date of Next Calibration" is recommended according to best practice principles followed by QPT or relevant international standards.
- The results relate only to the calibrated equipment as received.
- The performance of the equipment stated in this report is checked using independent reference material, with results compared against a calibrated secondary source.
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- The "Tolerance Limit" mentioned is the acceptance criteria applicable to similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

--- END OF REPORT ---

Appendix 5.2
Monitoring Results for Baseline Water Quality
(Groundwater) Monitoring

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)														
								Temperature (°C)		pH		Electrical Conductivity (µS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)																
								Value	Average	Value	Average	Value	Average																													
CW-1	28-Mar-2025	16:11	Sunny	163.14	10.26	152.88	1 st Reading 2 nd Reading 3 rd Reading	23.7 23.8 23.8	23.8	7.38 7.40 7.44	7.41	308.9 322.5 325.8	319.1	7	3	94	<0.01	<0.01	0.2	25	<2	<0.01	14	0.16	<10	28	Sulfur smell, grey colour															
CW-1	28-Apr-2025	14:40	Cloudy	163.14	4.51	158.63	1 st Reading 2 nd Reading 3 rd Reading	25.9 26.1 26.2		26.1	7.66 7.64 7.63	7.64	369.0 341.1 356.8															355.6	8	5	706	0.03	0.05	0.6	37	<2	<0.01	7	<0.04	<10	Not Detected	Sulfur smell, brown colour
CW-1	03-Jun-2025	15:00	Fine	163.14	4.51	158.63	1 st Reading 2 nd Reading 3 rd Reading	25.4 25.3 25.3			25.3	8.12 8.14 8.13	8.13															429.9 432.5 435.4														
CW-1	02-Jul-2025	11:48	Sunny	163.14	0.49	162.65	1 st Reading 2 nd Reading 3 rd Reading	26.8 26.8 26.8	26.8			7.97 8.16 8.19	8.11	192.4 187.4 187.1	189.0	13	4	5660	0.01	0.10	0.8	33	<2	<0.01	2	<0.04	<10	1800														
CW-1	08-Aug-2025	12:00	Sunny	163.14	0.40	162.74	1 st Reading 2 nd Reading 3 rd Reading	27.9 27.9 27.9		27.9		7.00 7.03 7.05	7.03	224.2 225.1 224.8	224.7														4	2	71	0.03	0.08	0.2	42	<2	<0.01	2	<0.04	<10	260	Sulfur smell brown colour
CW-1	27-Oct-2025	12:58	Sunny	163.14	3.73	159.41	1 st Reading 2 nd Reading 3 rd Reading	26.1 26.1 26.1			26.1	7.40 7.41 7.41	7.41	303.0 303.1 303.1	303.1																											
CW-1	04-Nov-2025	14:35	Sunny	163.14	3.81	159.33	1 st Reading 2 nd Reading 3 rd Reading	24.0 24.0 24.0	24			7.53 7.54 7.55	7.54	262.8 262.8 262.9	262.8	12	<2	525	0.06	0.01	0.2	52	<2	<0.01	6	0.05	<10	620														
CW-1	02-Dec-2025	11:43	Sunny	163.14	4.56	158.58	1 st Reading 2 nd Reading 3 rd Reading	25.6 25.9 26.1		25.9		7.96 7.97 7.98	7.97	329.1 327.7 326.4	327.7														15	3	748	0.09	<0.01	0.4	53	<2	<0.01	6	0.09	<10	2	Sulfur smell, grey colour
CW-1	07-Jan-2026	14:17	Sunny	163.14	5.00	158.14	1 st Reading 2 nd Reading 3 rd Reading	22.2 22.2 22.1			22.2	7.55 7.73 7.76	7.68	303.3 303.4 305.3	304.0																											
CW-1	04-Feb-2026	14:48	Sunny	163.14	5.28	157.86	1 st Reading 2 nd Reading 3 rd Reading	12.3 12.4 12.4	12.4			8.35 8.35 8.35	8.35	338.0 338.1 338.4	338.2	6	<2	87	0.03	0.01	0.1	47	<2	<0.01	6	0.06	<10	12														
CW-2	26-May-2025	13:18	Fine	151.31	14.16	137.15	1 st Reading 2 nd Reading 3 rd Reading	24.6 24.7 24.5		24.6		7.13 7.14 7.13	7.13	796.0 798.1 793.4	795.8														17	8	235	0.98	<0.01	2.8	17	<2	<0.01	7	<0.04	<10	5600	Sulfur smell clear water
CW-2	03-Jun-2025	16:34	Fine	151.31	13.44	137.87	1 st Reading 2 nd Reading 3 rd Reading	25.1 24.9 25.0			25	6.88 6.90 6.90	6.89	148.0 151.2 151.1	150.1																											
CW-2	02-Jul-2025	12:05	Sunny	151.31	11.31	140.00	1 st Reading 2 nd Reading 3 rd Reading	27.2 27.2 27.3	27.2			8.13 8.15 8.10	8.13	120.7 121.8 120.9	121.1	10	<2	1000	<0.01	0.39	0.5	8	<2	<0.01	2	0.05	<10	2200														
CW-2	08-Aug-2025	11:46	Sunny	151.31	11.50	139.81	1 st Reading 2 nd Reading 3 rd Reading	27.9 27.9 27.9		27.9		7.53 7.51 7.51	7.52	162.7 160.8 161.5	161.7														3	<2	21	<0.01	0.07	0.2	6	<2	0.02	3	0.06	<10	84	Sulfur smell brown colour
CW-2	29-Aug-2025	12:44	Sunny	151.31	12.28	139.03	1 st Reading 2 nd Reading 3 rd Reading	28.7 28.7 28.3			28.6	7.23 7.25 7.00	7.16	183.1 182.9 183.0	183.0																											
CW-2	27-Oct-2025	12:59	Sunny	151.31	11.53	139.78	1 st Reading 2 nd Reading 3 rd Reading	25.2 24.6 24.6	24.8			7.26 7.18 7.16	7.2	250.6 253.9 254.3	252.9	20	5	548	0.20	<0.01	0.2	2	<2	0.05	1	0.07	<10	4														
CW-2	04-Nov-2025	9:59	Sunny	151.31	13.77	137.54	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.3 23.3		23.3		6.86 6.75 6.76	6.79	248.0 248.4 248.5	248.3														11	2	331	0.21	<0.01	0.5	1	<2	<0.01	4	0.05	<10	15	Sulfur smell, brown colour
CW-2	02-Dec-2025	12:00	Sunny	151.31	14.38	136.93	1 st Reading 2 nd Reading 3 rd Reading	25.4 25.5 25.6			25.5	7.97 7.95 7.91	7.94	269.5 269.1 268.4	269.0																											
CW-2	07-Jan-2026	14:29	Sunny	151.31	14.80	136.51	1 st Reading 2 nd Reading 3 rd Reading	22.5 22.4 22.4	22.4			7.56 7.56 7.56	7.56	253.9 254.1 254.5	254.2	6	<2	209	0.19	0.01	0.3	2	<2	0.01	4	<0.04	<10	13														
CW-2	04-Feb-2026	15:06	Sunny	151.31	15.28	136.03	1 st Reading 2 nd Reading 3 rd Reading	15.6 15.6 15.6		15.6		8.16 8.15 8.13	8.15	265.4 265.4 265.3	265.4														13	<2	194	0.18	0.02	0.3	2	<2	<0.01	5	0.19	<10	9	Sulfur smell black colour

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)	COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
CW-3	28-Mar-2025	15:43	Sunny	157.32	15.72	141.60	1 st Reading 2 nd Reading 3 rd Reading	24.0 24.0 24.1	24	7.14 7.14 7.14	7.14	330.0 335.2 329.9	331.7	51	35	288	0.01	<0.01	0.2	2	<2	<0.01	9	<0.04	<10	43	Sulfur smell, grey colour	
CW-3	28-Apr-2025	14:21	Cloudy	157.32	13.45	143.87	1 st Reading 2 nd Reading 3 rd Reading	31.7 31.4 31.3	31.5	6.90 6.91 6.91	6.91	6.9 6.9 6.9	6.9	23	10	869	0.14	0.01	0.5	11	<2	<0.01	6	0.06	<10	Not Detected	Sulfur smell brown colour	
CW-3	03-Jun-2025	17:17	Fine	157.32	22.14	135.18	1 st Reading 2 nd Reading 3 rd Reading	24.7 24.6 24.6	24.6	6.71 6.71 6.72	6.71	306.7 307.9 308.5	307.7	4	2	64	0.28	<0.01	0.4	2	<2	<0.01	6	0.1	<10	53	Sulfur smell, clear water	
CW-3	02-Jul-2025	12:19	Sunny	157.32	11.43	145.89	1 st Reading 2 nd Reading 3 rd Reading	27.3 27.4 27.4	27.4	7.97 7.94 7.91	7.94	117.9 116.5 122.0	118.8	6	<2	403	<0.01	0.20	0.3	6	<2	<0.01	2	0.04	<10	110	Sulfur smell brown colour	
CW-3	08-Aug-2025	11:27	Sunny	157.32	12.64	144.68	1 st Reading 2 nd Reading 3 rd Reading	28.5 28.5 28.6	28.5	7.14 7.11 7.10	7.12	215.9 215.4 216.5	215.9	6	<2	264	0.07	0.2	0.3	2	<2	<0.01	4	0.29	<10	3	Sulfur smell brown colour	
CW-3	29-Aug-2025	12:29	Sunny	157.32	13.43	143.89	1 st Reading 2 nd Reading 3 rd Reading	28.3 28.3 28.3	28.3	6.60 6.60 6.50	6.57	156.0 155.9 155.9	155.9	4	<2	92	0.04	0.18	0.1	4	<2	<0.01	4	0.09	<10	Not Detected	Sulfur smell, brown colour	
CW-3	08-Oct-2025	11:48	Sunny	157.32	13.34	143.98	1 st Reading 2 nd Reading 3 rd Reading	28.2 28.2 28.2	28.2	6.53 6.50 6.49	6.51	134.6 134.7 134.8	134.7	15	<2	501	0.04	0.09	0.5	6	<2	<0.01	5	<0.04	<10	34	Sulfur smell brown colour	
CW-3	04-Nov-2025	10:30	Sunny	157.32	13.46	143.86	1 st Reading 2 nd Reading 3 rd Reading	23.0 23.0 23.0	23	6.99 6.99 7.01	7	239.7 239.7 239.7	239.7	7	<2	152	0.05	<0.01	0.1	2	<2	<0.01	3	0.06	<10	20	Sulfur smell brown colour	
CW-3	02-Dec-2025	12:18	Sunny	157.32	13.75	143.57	1 st Reading 2 nd Reading 3 rd Reading	24.6 24.8 25.1	24.8	8.01 8.01 8.01	8.01	262.8 261.7 260.8	261.8	12	3	633	0.05	<0.01	<0.1	6	<2	<0.01	4	0.08	<10	9	Sulfur smell black colour	
CW-3	07-Jan-2026	14:40	Sunny	157.32	13.45	143.87	1 st Reading 2 nd Reading 3 rd Reading	21.4 21.4 21.3	21.4	7.74 7.74 7.75	7.74	252.0 251.9 252.0	252.0	7	<2	227	0.05	<0.01	0.2	1	<2	<0.01	4	<0.04	<10	11	Sulfur smell, grey colour	
CW-3	04-Feb-2026	15:25	Sunny	157.32	13.49	143.83	1 st Reading 2 nd Reading 3 rd Reading	10.4 10.5 10.6	10.5	8.21 8.20 8.19	8.2	264.3 264.3 264.0	264.2	6	<2	292	0.03	<0.01	0.1	4	<2	<0.01	4	0.47	<10	Not Detected	Sulfur smell, grey colour	
CW-4	15-Apr-2025	12:45	Sunny	155.54	19.56	135.98	1 st Reading 2 nd Reading 3 rd Reading	29.1 29.3 29.4	29.3	7.50 7.47 7.45	7.47	414.7 420.8 418.4	418.0	79	14	440	0.11	0.03	7.7	16	<2	<0.01	13	0.22	<10	140	Sulfur smell, brown colour	
CW-4	26-May-2025	13:35	Fine	155.54	26.53	129.01	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.7	24.8	7.36 7.37 7.40	7.38	357.5 355.4 357.9	356.9	64	18	256	0.35	<0.01	7.7	2	<2	0.01	12	0.55	<10	130	Sulfur smell black colour	
CW-4	23-Jun-2025	15:48	Fine	155.54	26.19	129.35	1 st Reading 2 nd Reading 3 rd Reading	26.4 26.4 26.4	26.4	6.99 6.99 6.98	6.99	422.8 352.5 429.6	401.6	75	15	261	0.41	0.01	7.6	8	<2	<0.01	12	0.38	<10	630	Sulfur smell, grey colour	
CW-4	02-Jul-2025	12:44	Sunny	155.54	15.57	139.97	1 st Reading 2 nd Reading 3 rd Reading	26.6 26.6 26.6	26.6	7.44 7.46 7.60	7.5	131.7 129.6 131.5	130.9	29	2	1570	0.05	0.15	1.0	<1	<2	<0.01	1	0.09	<10	7700	Sulfur smell brown colour	
CW-4	08-Aug-2025	11:14	Sunny	155.54	21.69	133.85	1 st Reading 2 nd Reading 3 rd Reading	28.3 28.3 28.3	28.3	7.14 7.15 7.15	7.15	134.1 133.6 133.3	133.7	14	<2	365	0.20	0.03	1.0	<1	<2	<0.01	2	0.04	<10	9	Sulfur smell grey colour	
CW-4	29-Aug-2025	12:12	Sunny	155.54	20.73	134.81	1 st Reading 2 nd Reading 3 rd Reading	28.2 28.2 28.2	28.2	7.10 7.08 7.07	7.08	250.6 250.5 250.2	250.4	14	<2	360	0.08	0.24	0.5	<1	<2	<0.01	6	0.07	<10	2200	Sulfur smell, brown colour	
CW-4	08-Oct-2025	11:54	Sunny	155.54	20.65	134.89	1 st Reading 2 nd Reading 3 rd Reading	26.6 26.6 26.7	26.6	7.30 7.32 7.33	7.32	181.1 186.6 186.7	184.8	14	<2	526	0.06	0.22	0.4	9	<2	<0.01	8	0.05	<10	1900	Sulfur smell brown colour	
CW-4	25-Nov-2025	11:34	Sunny	155.54	23.9	131.64	1 st Reading 2 nd Reading 3 rd Reading	25.1 25.1 25.1	25.1	7.20 7.22 7.23	7.22	311.3 311.3 311.6	311.4	16	3	972	0.32	0.13	0.8	<1	<2	<0.01	10	0.25	<10	Not Detected	Sulfur smell brown colour	
CW-4	02-Dec-2025	12:39	Sunny	155.54	24.34	131.20	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.8	24.8	8.16 8.15 8.13	8.15	242.0 242.0 242.1	242.0	16	4	475	0.34	<0.01	0.6	<1	<2	<0.01	6	0.98	<10	3	Sulfur smell, grey colour	
CW-4	07-Jan-2026	14:55	Sunny	155.54	24.49	131.05	1 st Reading 2 nd Reading 3 rd Reading	21.0 21.0 21.0	21	7.73 7.71 7.70	7.71	234.5 234.6 234.7	234.6	11	4	395	0.35	<0.01	0.7	<1	<2	<0.01	5	0.78	<10	17	Sulfur smell brown colour	
CW-4	04-Feb-2026	14:55	Sunny	155.54	25.69	129.85	1 st Reading 2 nd Reading 3 rd Reading	11.8 11.5 11.5	11.6	8.20 8.20 8.19	8.2	250.0 251.8 252.1	251.3	13	<2	299	0.41	<0.01	0.6	<1	<2	<0.01	6	1.4	<10	91	Sulfur smell, grey colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)	COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
CW-5	26-May-2025	14:37	Fine	136.06	16.40	119.66	1 st Reading 2 nd Reading 3 rd Reading	25.2 25.4 25.3	25.3	7.21 7.19 7.19	7.2	365.6 361.8 361.5	363.0	4	3	49	0.02	<0.01	0.2	11	<2	0.01	5	<0.04	<10	Not Detected	Sulfur smell clear water	
CW-5	25-Jun-2025	17:35	Fine	136.06	17.30	118.76	1 st Reading 2 nd Reading 3 rd Reading	29.6 29.6 29.6	29.6	6.96 6.95 6.96	6.96	257.3 238.5 242.1	246.0	8	5	71	0.02	<0.01	0.3	8	<2	0.01	6	<0.04	<10	190	Sulfur smell, brown colour	
CW-5	24-Jul-2025	15:34	Sunny	136.06	15.51	120.55	1 st Reading 2 nd Reading 3 rd Reading	27.9 27.9 28.0	27.9	7.33 7.31 7.30	7.31	400.1 398.7 400.3	399.7	7	4	180	0.02	0.04	0.4	7	<2	0.01	6	0.09	<10	760	Sulfur smell grey colour	
CW-5	21-Aug-2025	15:42	Sunny	136.06	28.06	108.00	1 st Reading 2 nd Reading 3 rd Reading	26.8 26.4 26.5	26.6	6.70 6.70 6.70	6.7	213.7 213.7 213.8	213.7	3	<2	277	0.03	<0.01	0.3	21	<2	0.06	5	<0.04	21	680	Sulfur smell, grey colour	
CW-5	19-Sep-2025	15:08	Sunny	136.06	27.23	108.83	1 st Reading 2 nd Reading 3 rd Reading	24.8 25.0 25.1	25	6.78 6.70 6.67	6.72	294.9 293.2 293.5	293.9	6	<2	560	0.01	<0.01	0.2	21	<2	0.01	5	0.06	16	Not Detected	Sulfur smell brown colour	
CW-5	03-Oct-2025	14:54	Sunny	136.06	27.34	108.72	1 st Reading 2 nd Reading 3 rd Reading	26.7 26.8 26.8	26.8	6.92 6.95 6.97	6.95	369.1 368.7 368.5	368.8	8	2	221	0.08	<0.01	0.2	11	<2	<0.01	6	<0.04	<10	5	Sulfur smell brown colour	
CW-5	25-Nov-2025	12:35	Sunny	136.06	14.29	121.77	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.0 25.0	25	6.73 6.57 6.56	6.62	256.0 256.4 256.5	256.3	10	<2	745	0.02	0.09	0.3	15	<2	0.02	10	<0.04	14	Not Detected	Sulfur smell brown colour	
CW-5	28-Nov-2025	14:37	Sunny	136.06	14.40	121.66	1 st Reading 2 nd Reading 3 rd Reading	24.2 24.3 24.4	24.3	7.69 7.67 7.63	7.66	301.1 300.9 300.3	300.8	12	<2	390	0.01	<0.01	0.2	19	<2	<0.01	5	<0.04	<10	4	Sulfur smell, white colour	
CW-5	12-Jan-2026	14:11	Sunny	136.06	15.18	120.88	1 st Reading 2 nd Reading 3 rd Reading	20.7 20.5 20.5	20.6	10.87 10.72 10.61	10.73	300.7 298.7 303.6	301.0	<2	<2	816	0.08	0.06	0.2	13	<2	0.01	7	0.46	<10	Not Detected	Sulfur smell brown colour	
CW-5	05-Feb-2026	14:38	Sunny	136.06	17.96	118.10	1 st Reading 2 nd Reading 3 rd Reading	24.5 24.5 24.5	24.5	7.61 7.61 7.62	7.61	323.2 323.1 323.1	323.1	5	2	497	<0.01	<0.01	0.1	13	<2	0.03	5	0.05	10	5	Sulfur smell, clear water	
CW-6	26-May-2025	15:10	Fine	140.72	18.93	121.79	1 st Reading 2 nd Reading 3 rd Reading	24.6 24.7 24.8	24.7	7.19 7.17 7.18	7.18	290.8 282.9 286.4	286.7	7	4	167	0.04	<0.01	0.2	2	<2	0.09	6	<0.04	<10	Not Detected	Sulfur smell grey colour	
CW-6	12-Jun-2025	14:35	Fine	140.72	19.05	121.67	1 st Reading 2 nd Reading 3 rd Reading	28.7 28.6 28.7	28.7	7.01 7.02 7.01	7.01	382.0 382.1 379.6	381.2	12	<2	385	0.05	<0.01	0.2	2	<2	0.06	6	<0.04	<10	Not Detected	Sulfur smell, grey colour	
CW-6	03-Jul-2025	11:08	Sunny	140.72	14.30	126.42	1 st Reading 2 nd Reading 3 rd Reading	28.3 28.3 28.2	28.3	7.36 7.22 7.20	7.26	228.5 238.3 240.4	235.7	3	<2	253	<0.01	<0.01	0.1	7	<2	0.02	4	<0.04	<10	8	Sulfur smell clear water	
CW-6	15-Aug-2025	12:08	Sunny	140.72	14.67	126.05	1 st Reading 2 nd Reading 3 rd Reading	27.8 27.8 27.8	27.8	7.10 6.90 6.89	6.96	141.6 142.3 142.8	142.2	3	<2	92	<0.01	0.02	0.1	7	<2	0.03	5	<0.04	<10	8	Sulfur smell, brown colour	
CW-6	01-Sep-2025	11:08	Sunny	140.72	14.30	126.42	1 st Reading 2 nd Reading 3 rd Reading	27.3 27.2 27.2	27.2	7.08 7.08 7.07	7.08	201.8 201.9 202.0	201.9	2	<2	166	0.02	0.02	0.4	7	<2	0.02	4	<0.04	<10	5	Sulfur smell, brown colour	
CW-6	03-Oct-2025	12:16	Sunny	140.72	14.35	126.37	1 st Reading 2 nd Reading 3 rd Reading	26.4 26.4 26.4	26.4	6.28 6.25 6.24	6.26	186.8 187.5 187.7	187.3	2	<2	121	0.02	0.02	<0.1	66	<2	0.02	4	<0.04	13	2	Sulfur smell, clear water	
CW-6	11-Nov-2025	11:12	Sunny	140.72	13.87	126.85	1 st Reading 2 nd Reading 3 rd Reading	23.7 23.7 23.7	23.7	6.95 6.94 6.93	6.94	182.4 182.5 182.5	182.5	4	<2	361	0.04	0.02	0.2	7	<2	0.05	4	<0.04	<10	1	Sulfur smell, grey colour	
CW-6	28-Nov-2025	14:50	Sunny	140.72	17.36	123.36	1 st Reading 2 nd Reading 3 rd Reading	24.0 24.0 24.1	24	7.83 7.82 7.80	7.82	218.5 218.4 218.1	218.3	5	<2	85	0.04	<0.01	0.1	7	<2	0.05	4	<0.04	<10	Not Detected	Sulfur smell, clear water	
CW-6	12-Jan-2026	13:37	Sunny	140.72	17.96	122.76	1 st Reading 2 nd Reading 3 rd Reading	21.0 20.9 20.9	20.9	11.36 11.32 11.29	11.32	271.1 271.0 270.8	271.0	10	<2	902	0.05	0.09	7.1	7	<2	0.05	8	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-6	05-Feb-2026	15:08	Sunny	140.72	20.54	120.18	1 st Reading 2 nd Reading 3 rd Reading	24.0 24.0 24.0	24	8.01 7.98 7.94	7.98	252.0 252.1 252.1	252.1	5	<2	600	0.17	<0.01	0.3	6	<2	0.05	4	<0.04	<10	7	Sulfur smell brown colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)	COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value		
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value		
CW-7	28-Mar-2025	16:44	Sunny	146.47	19.93	126.54	1 st Reading 2 nd Reading 3 rd Reading	24.7 24.7 24.8	24.7	7.25 7.24 7.24	7.24	494.0 494.2 495.7	494.6	79	47	312	<0.01	<0.01	1.1	2	<2	<0.01	13	0.04	<10	220	Sulfur smell, black colour	
CW-7	28-Apr-2025	12:34	Cloudy	146.47	20.93	125.54	1 st Reading 2 nd Reading 3 rd Reading	27.5 27.2 27.8	27.5	6.82 6.92 7.08	6.94	353.2 349.8 349.5	350.8	73	49	100	0.05	0.01	0.4	<1	<2	<0.01	10	<0.04	15	Not Detected	Sulfur smell clear water	
CW-7	12-Jun-2025	14:18	Fine	146.47	21.47	125.00	1 st Reading 2 nd Reading 3 rd Reading	29.1 29.3 27.6	28.7	7.08 7.11 7.01	7.07	411.3 301.5 301.6	338.1	26	13	156	0.04	<0.01	0.4	1	<2	<0.01	12	<0.04	<10	Not Detected	Sulfur smell, clear water	
CW-7	03-Jul-2025	11:34	Sunny	146.47	21.20	125.27	1 st Reading 2 nd Reading 3 rd Reading	27.9 28.0 28.0	28	7.45 7.41 7.38	7.41	213.3 210.9 213.7	212.6	21	12	117	0.05	0.01	0.4	1	<2	<0.01	9	0.05	<10	6	Sulfur smell clear water	
CW-7	15-Aug-2025	12:32	Sunny	146.47	13.64	132.83	1 st Reading 2 nd Reading 3 rd Reading	27.9 27.5 27.5	27.6	7.12 7.10 7.09	7.1	342.4 344.9 345.6	344.3	7	4	35	<0.01	<0.01	0.5	2	<2	0.02	7	0.06	<10	12	Sulfur smell, clear water	
CW-7	01-Sep-2025	11:24	Sunny	146.47	17.14	129.33	1 st Reading 2 nd Reading 3 rd Reading	27.9 27.9 27.9	27.9	6.91 5.6 6.90	6.9	10.2 5.2	7.0	9	4	38	0.04	<0.01	0.3	<1	<2	<0.01	6	0.11	<10	1	Sulfur smell, grey colour	
CW-7	03-Oct-2025	12:04	Sunny	146.47	17.33	129.14	1 st Reading 2 nd Reading 3 rd Reading	28.9 28.9 28.9	28.9	7.05 7.00 6.99	7.01	263.2 282.5 282.5	276.1	5	2	70	0.14	<0.01	0.2	1	<2	0.05	5	0.14	<10	6	Sulfur smell, clear water	
CW-7	11-Nov-2025	11:13	Sunny	146.47	15.83	130.64	1 st Reading 2 nd Reading 3 rd Reading	23.0 23.0 23.0	23	6.93 6.91 6.78	6.87	173.3 173.4 173.5	173.4	5	<2	71	0.09	<0.01	0.2	4	<2	0.14	4	0.12	<10	Not Detected	Sulfur smell, clear water	
CW-7	28-Nov-2025	15:13	Sunny	146.47	17.86	128.61	1 st Reading 2 nd Reading 3 rd Reading	24.1 24.2 24.2	24.2	7.71 7.68 7.67	7.69	245.2 244.4 244.4	244.7	7	<2	167	0.02	<0.01	0.1	3	<2	0.06	4	<0.04	<10	1	Sulfur smell brown colour	
CW-7	12-Jan-2026	14:45	Sunny	146.47	19.54	126.93	1 st Reading 2 nd Reading 3 rd Reading	21.4 21.4 21.4	21.4	11.01 11.00 10.99	11	321.3 320.7 320.3	320.8	<2	<2	152	0.03	0.08	0.2	3	<2	0.06	7	0.25	<10	Not Detected	Sulfur smell, grey colour	
CW-7	05-Feb-2026	15:26	Sunny	146.47	20.20	126.27	1 st Reading 2 nd Reading 3 rd Reading	23.9 23.9 23.9	23.9	7.96 7.94 7.92	7.94	299.7 299.7 299.8	299.7	6	2	217	<0.01	<0.01	0.2	5	<2	0.02	4	<0.04	<10	6	Sulfur smell, grey colour	
CW-8	28-Mar-2025	16:57	Sunny	142.18	19.56	122.62	1 st Reading 2 nd Reading 3 rd Reading	23.7 23.6 23.6	23.6	9.24 9.25 9.23	9.24	298.8 298.3 299.6	298.9	308	12	6480	0.17	<0.01	43.2	125	<2	0.59	39	5.09	66	37	Sulfur smell, orange colour	
CW-8	28-Apr-2025	12:48	Cloudy	142.18	19.84	122.34	1 st Reading 2 nd Reading 3 rd Reading	26.8 27.0 26.8	26.9	8.43 8.44 8.46	8.44	469.4 471.3 469.7	470.1	243	18	408	0.15	<0.01	33.9	48	<2	0.76	12	27.2	67	Not Detected	Sulfur smell orange colour	
CW-8	29-May-2025	13:51	Rainy	142.18	20.13	122.05	1 st Reading 2 nd Reading 3 rd Reading	23.6 23.6 23.6	23.6	6.86 6.76 6.75	6.79	560.0 549.0 549.0	552.7	144	20	367	0.10	<0.01	29.6	35	<2	0.42	10	15.6	34	Not Detected	Sulfur smell, brown colour	
CW-8	03-Jul-2025	11:53	Sunny	142.18	19.50	122.68	1 st Reading 2 nd Reading 3 rd Reading	28.3 28.4 28.4	28.4	6.84 6.85 6.79	6.83	486.0 482.0 498.0	488.7	88	13	228	0.16	<0.01	20.6	<5	<2	0.27	8	14.9	25	420	Sulfur smell brown colour	
CW-8	15-Aug-2025	12:48	Sunny	142.18	19.02	123.16	1 st Reading 2 nd Reading 3 rd Reading	28.0 28.1 28.1	28.1	7.30 7.26 7.23	7.26	418.2 417.4 417.0	417.5	31	<2	41	<0.01	<0.01	3.4	<1	<2	0.1	4	4.19	17	6	Sulfur smell, brown colour	
CW-8	01-Sep-2025	11:38	Sunny	142.18	17.02	125.16	1 st Reading 2 nd Reading 3 rd Reading	31.6 31.5 31.4	31.5	7.29 7.28 7.30	7.29	210.1 209.8 209.5	209.8	85	4	215	0.12	<0.01	1.2	7	<2	0.17	2	8.52	17	4	Sulfur smell, brown colour	
CW-8	03-Oct-2025	11:48	Sunny	142.18	18.52	123.66	1 st Reading 2 nd Reading 3 rd Reading	29.3 29.3 29.3	29.3	7.79 7.80 7.80	7.8	373.3 373.2 373.1	373.2	59	3	322	0.14	<0.01	18.0	<1	<2	0.18	6	7.21	16	8	Sulfur smell, grey colour	
CW-8	11-Nov-2025	11:14	Sunny	142.18	16.99	125.19	1 st Reading 2 nd Reading 3 rd Reading	22.9 22.9 22.9	22.9	7.03 7.08 7.22	7.11	355.1 355.3 355.2	355.2	46	4	371	0.18	<0.01	18.1	<1	<2	0.24	7	9.39	12	<10	Sulfur smell black colour	
CW-8	28-Nov-2025	15:29	Sunny	142.18	9:36	123.78	1 st Reading 2 nd Reading 3 rd Reading	24.2 24.2 24.2	24.2	7.99 8.01 8.13	8.04	368.4 368.4 368.4	368.4	193	2	300	0.12	<0.01	16.6	<1	<2	0.15	6	9.85	10	<10	Sulfur smell black colour	
CW-8	12-Jan-2026	14:58	Sunny	142.18	19.04	123.14	1 st Reading 2 nd Reading 3 rd Reading	21.5 21.5 21.5	21.5	11.40 11.38 11.33	11.37	323.5 322.9 321.8	322.7	103	4	456	0.12	<0.01	19.2	<1	<2	0.20	5	7.91	<10	Not Detected	Sulfur smell black colour	
CW-8	05-Feb-2026	15:59	Sunny	142.18	19.42	122.76	1 st Reading 2 nd Reading 3 rd Reading	23.7 23.8 23.8	23.8	8.07 8.10 8.14	8.1	372.4 372.2 372.2	372.3	115	4	410	0.10	0.01	14.8	2	<2	0.19	5	6.81	12	8	Sulfur smell, grey colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)		
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
CW-9	01-Apr-2025	14:34	Sunny	147.45	18.88	128.57	1 st Reading 2 nd Reading 3 rd Reading	21.0 21.0 21.0	21	6.61 6.68 6.71	6.67	232.6 230.5 228.1	230.4	22	10	111	0.02	8	0.4	3	<2	0.14	4	0.58	124	1200	Sulfur smell, clear water	
CW-9	16-May-2025	15:22	Sunny	147.45	18.58	128.87	1 st Reading 2 nd Reading 3 rd Reading	26.7 27.0 27.0	26.9	6.42 6.57 6.61	6.53	97.9 102.3 103.1	101.1	9	<2	89	0.02	<0.01	0.2	4	<2	0.2	4	<0.04	<10	Not Detected	Sulfur smell clear water	
CW-9	20-Jun-2025	11:57	Fine	147.45	18.76	128.69	1 st Reading 2 nd Reading 3 rd Reading	25.2 25.0 24.9	25	7.52 7.40 7.29	7.4	235.2 219.6 218.7	224.5	4	<2	25	0.10	<0.01	0.2	4	<2	0.24	4	0.1	<10	Not Detected	Sulfur smell, clear water	
CW-9	03-Jul-2025	12:17	Sunny	147.45	17.89	129.56	1 st Reading 2 nd Reading 3 rd Reading	27.2 27.2 27.2	27.2	7.25 7.18 7.02	7.15	292.7 284.6 288.3	288.5	<2	<2	39	0.02	<0.01	0.1	3	<2	0.18	3	0.13	<10	54	Sulfur smell clear water	
CW-9	15-Aug-2025	13:06	Sunny	147.45	21.63	125.82	1 st Reading 2 nd Reading 3 rd Reading	28.6 28.6 28.6	28.6	6.41 6.38 6.37	6.39	180.1 180.2 180.2	180.2	4	<2	24	0.02	<0.01	0.1	<1	<2	0.05	4	0.48	15	4	Sulfur smell, clear water	
CW-9	01-Sep-2025	11:49	Sunny	147.45	16.28	131.17	1 st Reading 2 nd Reading 3 rd Reading	27.7 27.6 27.6	27.6	7.47 7.30 7.20	7.32	134.4 134.8 135.0	134.7	3	<2	19	0.01	<0.01	0.2	<1	<2	0.07	4	0.36	11	7	Sulfur smell, clear water	
CW-9	03-Oct-2025	11:34	Sunny	147.45	17.42	130.03	1 st Reading 2 nd Reading 3 rd Reading	29.2 29.2 29.2	29.2	7.22 6.84 6.54	6.87	143.0 143.3 143.9	143.4	2	<2	46	0.07	<0.01	0.2	<1	<2	0.08	4	0.28	14	520	Sulfur smell, clear water	
CW-9	11-Nov-2025	11:15	Sunny	147.45	15.99	131.46	1 st Reading 2 nd Reading 3 rd Reading	22.8 22.9 22.9	22.9	7.30 7.22 6.96	7.16	136.4 136.5 136.8	136.6	3	<2	54	0.03	<0.01	0.2	<1	<2	0.08	4	0.36	14	3	Sulfur smell, clear water	
CW-9	28-Nov-2025	15:48	Sunny	147.45	18.39	129.06	1 st Reading 2 nd Reading 3 rd Reading	23.7 24.0 24.0	23.9	8.27 8.02 7.80	8.03	133.2 133.2 133.4	133.3	5	<2	73	0.02	<0.01	0.2	<1	<2	0.08	4	0.08	<10	930	Sulfur smell, clear water	
CW-9	12-Jan-2026	15:24	Sunny	147.45	19.36	128.09	1 st Reading 2 nd Reading 3 rd Reading	21.3 21.3 21.3	21.3	8.84 9.06 9.14	9.01	187.9 187.9 187.9	187.9	5	<2	32	0.05	<0.01	0.3	1	<2	0.12	4	0.13	<10	Not Detected	Sulfur smell, clear water	
CW-9	13-Feb-2026	14:09	Sunny	147.45	19.82	127.63	1 st Reading 2 nd Reading 3 rd Reading	21.9 21.9 21.9	21.9	7.82 7.81 7.80	7.81	253.9 254.1 254.1	254.0	5	<2	19	<0.01	0.03	0.2	3	<2	0.17	5	<0.04	29	5	Sulfur smell, clear water	
CW-10	01-Apr-2025	16:25	Sunny	162.65	17.70	144.95	1 st Reading 2 nd Reading 3 rd Reading	20.9 20.9 20.9	20.9	7.19 7.32 7.36	7.29	354.0 323.0 359.3	345.4	62	23	9	0.08	1.9	1.9	24	<2	<0.01	12	0.56	33	2700	Sulfur smell, grey colour	
CW-10	28-Apr-2025	11:00	Cloudy	162.65	20.69	141.96	1 st Reading 2 nd Reading 3 rd Reading	25.2 25.3 25.4	25.3	7.38 7.41 7.45	7.41	358.4 360.7 352.6	357.2	36	17	70	0.08	<0.01	1.2	<1	<2	0.02	10	0.39	<10	Not Detected	Sulfur smell black colour	
CW-10	20-Jun-2025	12:35	Fine	162.65	17.84	144.81	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.0 22.7	23	7.43 7.44 7.47	7.45	276.1 264.3 280.3	273.6	15	4	44	0.08	<0.01	0.9	2	<2	0.02	8	0.26	<10	Not Detected	Sulfur smell, clear water	
CW-10	03-Jul-2025	12:36	Sunny	162.65	17.17	145.48	1 st Reading 2 nd Reading 3 rd Reading	27.7 27.7 27.8	27.7	7.28 7.23 7.24	7.25	536.0 520.9 474.6	510.5	7	3	48	0.05	0.02	0.3	7	<2	0.01	7	0.04	<10	7	Sulfur smell clear water	
CW-10	15-Aug-2025	16:08	Sunny	162.65	20.49	142.16	1 st Reading 2 nd Reading 3 rd Reading	28.5 28.5 28.5	28.5	7.10 7.10 7.10	7.1	155.8 157.0 157.7	156.8	6	<2	388	0.02	<0.01	0.3	6	<2	<0.01	4	<0.04	<10	9	Sulfur smell, grey colour	
CW-10	17-Sep-2025	11:36	Sunny	162.65	17.65	145.00	1 st Reading 2 nd Reading 3 rd Reading	26.4 26.4 26.5	26.4	7.01 7.03 7.10	7.05	371.5 371.6 372.3	371.8	12	<2	636	0.03	<0.01	0.2	4	<2	<0.01	5	0.05	<10	34	Sulfur smell brown colour	
CW-10	24-Oct-2025	12:00	Sunny	162.65	16.56	146.09	1 st Reading 2 nd Reading 3 rd Reading	22.2 22.2 22.2	22.2	7.32 7.31 7.30	7.31	376.3 376.4 376.4	376.4	4	<2	181	0.07	0.04	0.1	4	<2	0.01	5	<0.04	<10	58	Sulfur smell brown colour	
CW-10	25-Nov-2025	15:13	Sunny	162.65	19.32	143.33	1 st Reading 2 nd Reading 3 rd Reading	23.7 23.9 23.9	23.8	6.88 7.01 7.05	6.98	368.4 368.0 367.7	368.0	6	<2	190	0.04	<0.01	0.2	6	<2	<0.01	4	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-10	19-Dec-2025	16:49	Sunny	162.65	19.42	143.23	1 st Reading 2 nd Reading 3 rd Reading	21.9 22.0 22.0	22	6.89 6.94 6.67	6.83	333.0 339.1 340.4	337.5	<2	<2	156	0.02	<0.01	0.2	6	<2	<0.01	5	<0.04	<10	Not Detected	Sulfur smell, grey colour	
CW-10	19-Jan-2026	13:48	Sunny	162.65	20.18	142.47	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.4 23.4	23.4	7.45 7.45 7.47	7.46	384.5 386.2 390.3	387.0	4	<2	119	0.09	0.03	2.1	6	<2	0.02	7	0.05	<10	6	Sulfur smell, clear water	
CW-10	24-Feb-2026	14:13	Sunny	162.65	19.41	143.24	1 st Reading 2 nd Reading 3 rd Reading	23.5 23.5 23.5	23.5	7.33 7.32 7.31	7.32	401.6 401.6 401.5	401.6	5	<2	171	0.12	0.02	0.4	7	<2	0.01	5	<0.04	<10	8	Sulfur smell brown colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)		
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)				
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value		Value	
CW-11	01-Apr-2025	16:04	Sunny	187.09	19.52	167.57	1 st Reading 2 nd Reading 3 rd Reading	18.4 18.5 18.5	18.5	6.17 6.20 6.20	6.19	119.1 117.6 118.8	118.5	25	11	884	0.02	0.6	0.6	6	<2	<0.01	5	0.48	36	3100	Sulfur smell, brown colour			
CW-11	16-May-2025	14:48	Sunny	187.09	20.23	166.86	1 st Reading 2 nd Reading 3 rd Reading	26.5 26.6 26.6		26.6		5.93 5.87 5.85		5.88	67.7 67.9 68.0	67.9	16	<2	359	0.02	0.05	0.2	1	<2	0.01	6	0.07	17	Not Detected	Sulfur smell clear water
CW-11	23-Jun-2025	14:00	Fine	187.09	19.48	167.61	1 st Reading 2 nd Reading 3 rd Reading	28.2 28.1 28.1				28.1			5.89 5.96 5.96		5.94	93.9 93.3 93.2	93.5	4	<2	71	<0.01	0.04	0.2	5	<2	0.03	6	<0.04
CW-11	24-Jul-2025	11:06	Sunny	187.09	19.23	167.86	1 st Reading 2 nd Reading 3 rd Reading	27.6 27.6 27.7	27.6		7.28 7.23 7.20		7.24		72.2 70.6 73.1			72.0		5	<2	31	0.01	0.1	0.1	2	<2	<0.01	6	<0.04
CW-11	15-Aug-2025	15:55	Sunny	187.09	22.68	164.41	1 st Reading 2 nd Reading 3 rd Reading	28.6 28.6 28.6		28.6	6.50 6.50 6.50			6.5	110.2 110.0 109.8	110.0				3	<2	75	<0.01	<0.01	<0.1	3	<2	<0.01	6	<0.04
CW-11	18-Sep-2025	12:14	Sunny	187.09	19.75	167.34	1 st Reading 2 nd Reading 3 rd Reading	32.2 32.2 32.2			32.2	5.81 5.77 5.80			5.79		52.6 52.7 52.7		52.7	6	<2	164	<0.01	0.04	<0.1	3	<2	<0.01	5	<0.04
CW-11	24-Oct-2025	12:01	Sunny	187.09	15.53	171.56	1 st Reading 2 nd Reading 3 rd Reading	21.4 21.5 21.5	21.5			6.93 6.73 6.63	6.76				68.0 68.0 68.1	68.0		4	<2	217	0.03	0.02	0.1	3	<2	0.01	4	0.07
CW-11	25-Nov-2025	14:59	Sunny	187.09	20.39	166.70	1 st Reading 2 nd Reading 3 rd Reading	23.9 23.8 23.8		23.8		7.04 6.85 6.61		6.83		71.8 72.1 1.0	48.3			6	<2	256	<0.01	0.02	0.1	3	<2	0.02	5	<0.04
CW-11	19-Dec-2025	16:34	Sunny	187.09	20.49	166.60	1 st Reading 2 nd Reading 3 rd Reading	21.8 21.8 21.8			21.8	5.31 5.23 5.25			5.26	53.0 54.0 54.3			53.8	<2	<2	135	<0.01	0.03	<0.1	2	<2	0.04	5	<0.04
CW-11	19-Jan-2026	14:17	Sunny	187.09	21.22	165.87	1 st Reading 2 nd Reading 3 rd Reading	23.6 23.6 23.6	23.6			6.84 6.85 6.85	6.85			59.3 58.4 59.6		59.1		4	<2	370	<0.01	0.03	0.3	1	<2	0.04	5	<0.04
CW-11	24-Feb-2026	14:29	Sunny	187.09	20.50	166.59	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.3 23.3		23.3		6.68 6.61 6.27		6.52		99.7 99.7 99.8	99.7			11	<2	857	0.01	0.03	0.2	1	<2	0.03	6	<0.04
CW-12	10-Apr-2025	18:26	Sunny	187.53	8.76	178.77	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.1 25.0			25	7.42 7.47 7.40			7.43	165.2 175.9 184.5			175.2	13	6	127	0.08	0.03	1.9	30	<2	<0.01	10	0.06
CW-12	16-May-2025	14:24	Sunny	187.53	31.60	155.93	1 st Reading 2 nd Reading 3 rd Reading	26.4 26.4 26.4	26.4			6.84 6.85 6.84	6.84			235.8 238.2 238.3		237.4		4	<2	207	<0.01	0.02	0.4	7	<2	<0.01	6	<0.04
CW-12	23-Jun-2025	13:45	Fine	187.53	7.49	180.04	1 st Reading 2 nd Reading 3 rd Reading	27.5 27.5 27.6		27.5		6.65 6.67 6.79		6.7		339.5 339.5 348.0	342.3			4	<2	34	0.04	0.24	0.1	9	<2	<0.01	7	<0.04
CW-12	24-Jul-2025	10:49	Sunny	187.53	5.05	182.48	1 st Reading 2 nd Reading 3 rd Reading	26.9 26.8 26.9			26.9	6.91 6.89 6.88			6.89	127.5 127.5 123.1			126.0	8	<2	176	<0.01	0.37	0.3	5	<2	<0.01	5	<0.04
CW-12	15-Aug-2025	15:46	Sunny	187.53	6.84	180.69	1 st Reading 2 nd Reading 3 rd Reading	28.1 28.0 28.0	28			6.70 6.67 6.70	6.69			182.6 182.5 182.4		182.5		6	<2	222	<0.01	0.02	<0.1	2	<2	<0.01	4	<0.04
CW-12	18-Sep-2025	12:28	Sunny	187.53	5.43	182.10	1 st Reading 2 nd Reading 3 rd Reading	30.2 30.2 30.3		30.2		5.81 5.87 5.90		5.86		123.0 123.0 123.1	123.0			6	<2	239	<0.01	0.04	<0.1	<1	<2	0.01	4	<0.04
CW-12	24-Oct-2025	12:03	Sunny	187.53	5.38	182.15	1 st Reading 2 nd Reading 3 rd Reading	20.4 20.4 20.2			20.3	6.63 6.50 6.46			6.53	179.5 179.3 179.0			179.3	8	<2	131	0.08	0.12	0.3	1	<2	0.02	7	<0.04
CW-12	25-Nov-2025	14:38	Sunny	187.53	7.16	180.37	1 st Reading 2 nd Reading 3 rd Reading	23.5 23.5 23.5	23.5			6.25 6.24 6.23	6.24			99.5 99.6 99.6		99.6		6	<2	151	<0.01	0.06	0.2	2	<2	0.02	4	<0.04
CW-12	19-Dec-2025	16:18	Sunny	187.53	7.36	180.17	1 st Reading 2 nd Reading 3 rd Reading	21.8 21.8 21.9		21.8		5.68 5.76 5.77		5.74		83.5 86.5 86.7	85.6			<2	<2	74	<0.01	0.04	0.2	1	<2	0.03	4	<0.04
CW-12	19-Jan-2026	14:39	Sunny	187.53	7.96	179.57	1 st Reading 2 nd Reading 3 rd Reading	23.5 23.5 23.5			23.5	6.28 6.25 6.27			6.27	108.3 109.4 108.7			108.8	3	<2	133	<0.01	0.07	0.2	2	<2	0.05	4	<0.04
CW-12	24-Feb-2026	14:47	Sunny	187.53	7.34	180.19	1 st Reading 2 nd Reading 3 rd Reading	23.0 23.0 23.0	23			6.30 6.14 6.28	6.24			94.2 94.2 94.3		94.2		<2	<2	78	0.01	0.06	<0.1	1	<2	0.05	4	<0.04

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)	COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value														Average		
CW-15	22-May-2025	12:58	Fine	256.18	34.11	222.07	1 st Reading	31.9	31.7	6.98	6.98	342.8	337.9	37	7	61	0.23	<0.01	3.4	27	<2	0.01	16	1.63	<10	Not Detected	Sulfur smell clear water	
						2 nd Reading	31.7	6.97		335.4																		
						3 rd Reading	31.6	6.98		335.6																		
CW-15	16-Jun-2025	15:30	Fine	256.18	11.23	244.95	1 st Reading	25.9	26	7.10	6.98	296.2	298.3	10	2	33	0.03	0.01	0.9	5	<2	<0.01	7	0.22	21	1400	Sulfur smell, black colour	
						2 nd Reading	26.0	6.94		299.0																		
						3 rd Reading	26.1	6.91		299.6																		
CW-15	14-Jul-2025	13:02	Sunny	256.18	16.60	239.58	1 st Reading	27.2	27.3	6.74	6.7	108.3	107.6	<2	<2	12	0.02	0.14	0.1	1	<2	<0.01	4	0.09	<10	Not Detected	Sulfur smell clear water	
						2 nd Reading	27.3	6.69		106.4																		
						3 rd Reading	27.3	6.68		108.1																		
CW-15	22-Aug-2025	14:11	Sunny	256.18	14.74	241.44	1 st Reading	27.2	27.2	6.23	6.21	62.2	61.7	4	<2	8	0.02	0.15	0.5	<1	<2	<0.01	4	<0.04	<10	130	Sulfur smell, clear water	
						2 nd Reading	27.2	6.20		61.7																		
						3 rd Reading	27.2	6.19		61.2																		
CW-15	16-Sep-2025	11:45	Sunny	256.18	22.04	234.14	1 st Reading	25.8	25.8	6.63	6.66	199.2	199.1	7	3	60	<0.01	<0.01	0.2	1	<2	<0.01	4	<0.04	41	Not Detected	Sulfur smell brown colour	
						2 nd Reading	25.7	6.66		199.1																		
						3 rd Reading	25.8	6.70		199.0																		
CW-15	20-Oct-2025	11:46	Sunny	256.18	21.84	234.34	1 st Reading	23.7	23.7	6.37	6.4	222.3	222.3	8	<2	73	0.10	<0.01	0.1	2	<2	<0.01	4	<0.04	<10	Not Detected	Sulfur smell brown colour	
						2 nd Reading	23.7	6.40		222.2																		
						3 rd Reading	23.7	6.43		222.3																		
CW-15	31-Oct-2025	13:20	Sunny	256.18	22.97	233.21	1 st Reading	23.7	23.7	6.93	6.91	260.7	260.8	4	<2	30	0.03	<0.01	0.2	3	<2	0.03	5	<0.04	<10	1	Sulfur smell, clear water	
						2 nd Reading	23.7	6.92		260.8																		
						3 rd Reading	23.7	6.89		260.9																		
CW-15	16-Dec-2025	11:19	Sunny	256.18	31.42	224.76	1 st Reading	26.0	26	7.97	7.97	296.4	296.3	6	<2	43	0.05	0.02	0.2	<1	<2	0.08	6	0.27	<10	19	Sulfur smell, clear water	
						2 nd Reading	26.0	7.97		296.3																		
						3 rd Reading	26.0	7.97		296.2																		
CW-15	16-Jan-2026	13:37	Sunny	256.18	32.43	223.75	1 st Reading	25.9	26	7.97	7.97	299.9	299.6	5	<2	22	0.11	<0.01	0.3	2	<2	0.04	7	0.05	<10	7	Sulfur smell, clear water	
						2 nd Reading	26.0	7.97		299.4																		
						3 rd Reading	26.0	7.96		299.4																		
CW-15	20-Feb-2026	13:59	Sunny	256.18	33.26	222.92	1 st Reading	24.4	24.4	7.94	7.94	330.9	330.8	4	<2	48	<0.01	0.02	0.3	3	<2	0.04	8	0.04	<10	4	Sulfur smell, grey colour	
						2 nd Reading	24.4	7.94		330.8																		
						3 rd Reading	24.4	7.95		330.8																		
CW-16	22-May-2025	13:49	Fine	251.50	27.38	224.12	1 st Reading	24.8	25	6.32	6.25	65.0	65.5	16	<2	580	0.05	0.02	0.2	6	<2	<0.01	5	<0.04	<10	Not Detected	Sulfur smell brown colour	
						2 nd Reading	25.0	6.23		65.7																		
						3 rd Reading	25.1	6.20		65.8																		
CW-16	16-Jun-2025	15:51	Fine	251.50	14.33	237.17	1 st Reading	25.2	25.3	6.93	6.5	60.7	57.6	4	<2	338	<0.01	0.28	0.1	4	<2	<0.01	5	<0.04	10	8	Sulfur smell, clear water	
						2 nd Reading	25.3	6.46		56.5																		
						3 rd Reading	25.4	6.12		55.5																		
CW-16	14-Jul-2025	13:24	Sunny	251.50	10.14	241.36	1 st Reading	26.8	26.6	6.28	6.19	113.2	112.5	3	<2	42	0.02	0.06	<0.1	2	<2	<0.01	5	5.87	<10	Not Detected	Sulfur smell clear water	
						2 nd Reading	26.5	6.15		111.6																		
						3 rd Reading	26.6	6.13		112.8																		
CW-16	22-Aug-2025	14:32	Sunny	251.50	10.23	241.27	1 st Reading	27.8	27.6	6.11	6.08	106.3	106.6	6	2	85	0.12	0.22	0.4	1	<2	<0.01	5	6.3	<10	2	Sulfur smell, clear water	
						2 nd Reading	27.6	6.08		106.6																		
						3 rd Reading	27.4	6.06		107.0																		
CW-16	16-Sep-2025	11:52	Sunny	251.50	18.22	233.28	1 st Reading	24.5	24.5	6.14	5.98	34.7	37.9	7	<2	470	0.04	0.09	0.1	6	<2	<0.01	3	<0.04	<10	Not Detected	Sulfur smell brown colour	
						2 nd Reading	24.4	5.95		39.4																		
						3 rd Reading	24.5	5.84		39.6																		
CW-16	20-Oct-2025	11:59	Sunny	251.50	18.38	233.12	1 st Reading	24.7	24.5	6.65	6.33	21.0	28.1	6	<2	285	0.38	0.1	<0.1	3	<2	<0.01	3	<0.04	<10	Not Detected	Sulfur smell brown colour	
						2 nd Reading	24.4	6.34		29.5																		
						3 rd Reading	24.3	5.99		33.7																		
CW-16	31-Oct-2025	13:22	Sunny	251.50	18.12	233.38	1 st Reading	23.8	23.8	6.48	6.29	35.4	35.5	<2	<2	240	<0.01	0.07	<0.1	2	<2	<0.01	7	0.05	18	Not Detected	Sulfur smell brown colour	
						2 nd Reading	23.8	6.24		35.5																		
						3 rd Reading	23.8	6.14		35.7																		
CW-16	16-Dec-2025	11:27	Sunny	251.50	24.12	227.38	1 st Reading	25.7	25.9	8.06	7.87	28.8	37.1	6	<2	1130	<0.01	0.09	0.1	3	<2	<0.01	4	<0.04	<10	8	Sulfur smell brown colour	
						2 nd Reading	25.9	7.84		39.3																		
						3 rd Reading	26.0	7.72		43.2																		
CW-16	16-Jan-2026	14:02	Sunny	251.50	25.32	226.18	1 st Reading	26.0	26	7.82	7.63	42.6	42.9	3	<2	263	0.01	0.07	0.1	3	<2	<0.01	4	0.25	11	Not Detected	Sulfur smell brown colour	
						2 nd Reading	26.0	7.59		43.0																		
						3 rd Reading	26.0	7.48		43.2																		
CW-16	20-Feb-2026	14:17	Sunny	251.50	26.25	225.25	1 st Reading	23.7	23.7	8.16	8.02	42.6	42.0	<2	<2	685	<0.01	0.07	0.2	3	<2	<0.01	3	<0.04	<10	6	Sulfur smell brown colour	
						2 nd Reading	23.7	7.97		41.6																		
						3 rd Reading	23.6	7.92		41.8																		

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)	COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
CW-17	12-May-2025	11:25	Sunny	246.50	22.82	223.68	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.9	24.8	7.10 7.10 7.10	7.1	304.9 304.7 304.5	304.7	6	<2	62	0.04	0.01	0.2	6	<2	<0.01	4	<0.04	<10	Not Detected	Sulfur smell, clear water	
CW-17	16-Jun-2025	16:19	Fine	246.50	24.20	222.30	1 st Reading 2 nd Reading 3 rd Reading	26.5 26.8 26.8	26.7	7.55 7.53 7.53	7.54	229.0 228.2 224.4	227.2	6	3	165	0.02	0.06	0.2	7	<2	0.03	5	<0.04	<10	570	Sulfur smell, clear water	
CW-17	14-Jul-2025	13:54	Sunny	246.50	9.49	237.01	1 st Reading 2 nd Reading 3 rd Reading	26.5 26.4 26.4	26.4	6.26 6.30 6.28	6.28	95.0 94.6 95.3	95.0	2	<2	62	0.05	0.10	<0.1	6	<2	0.10	4	<0.04	<10	4	Sulfur smell clear water	
CW-17	22-Aug-2025	14:47	Sunny	246.50	7.64	238.86	1 st Reading 2 nd Reading 3 rd Reading	27.4 27.9 28.0	27.8	6.40 6.30 6.30	6.33	82.7 81.9 81.7	82.1	3	<2	70	0.03	0.16	0.4	4	<2	0.1	4	<0.04	<10	620	Sulfur smell, clear water	
CW-17	16-Sep-2025	12:08	Sunny	246.50	15.58	230.92	1 st Reading 2 nd Reading 3 rd Reading	25.3 25.2 25.1	25.2	5.81 5.78 5.74	5.78	79.6 79.7 79.9	79.7	6	<2	79	<0.01	0.1	0.2	4	<2	0.11	4	<0.04	13	1	Sulfur smell, grey colour	
CW-17	20-Oct-2025	12:09	Sunny	246.50	15.30	231.20	1 st Reading 2 nd Reading 3 rd Reading	23.5 23.5 23.5	23.5	6.90 6.85 6.70	6.82	70.8 70.8 70.9	70.8	7	<2	809	<0.01	0.09	0.1	3	<2	0.12	4	<0.04	<10	Not Detected	Sulfur smell, grey colour	
CW-17	31-Oct-2025	13:23	Sunny	246.50	15.75	230.75	1 st Reading 2 nd Reading 3 rd Reading	23.4 23.4 23.4	23.4	5.89 5.91 6.02	5.94	69.5 69.4 69.4	69.4	2	<2	439	<0.01	0.11	<0.1	4	<2	0.13	5	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-17	16-Dec-2025	11:40	Sunny	246.50	20.12	226.38	1 st Reading 2 nd Reading 3 rd Reading	25.1 25.1 25.2	25.1	7.50 6.82 6.84	7.05	89.2 89.1 89.0	89.1	7	2	1640	0.01	0.13	0.7	3	2	0.11	5	<0.04	<10	22	Sulfur smell brown colour	
CW-17	16-Jan-2026	14:28	Sunny	246.50	21.36	225.14	1 st Reading 2 nd Reading 3 rd Reading	25.6 25.6 25.6	25.6	7.17 7.15 7.14	7.15	92.7 92.7 92.7	92.7	16	<2	2910	0.02	0.10	<0.1	5	<2	0.07	4	0.06	<10	Not Detected	Sulfur smell brown colour	
CW-17	20-Feb-2026	14:34	Sunny	246.50	22.47	224.03	1 st Reading 2 nd Reading 3 rd Reading	23.8 23.7 23.7	23.7	7.42 7.39 7.38	7.4	84.1 84.0 84.2	84.1	11	<2	2330	<0.01	0.09	0.2	4	<2	0.07	5	<0.04	<10	3	Sulfur smell brown colour	
CW-18	10-Apr-2025	13:52	Sunny	223.15	27.75	195.40	1 st Reading 2 nd Reading 3 rd Reading	26.1 25.9 25.6	25.9	7.33 7.35 7.40	7.36	283.6 282.0 284.4	283.3	14	5	32	0.09	0.05	0.5	17	<2	<0.01	6	<0.04	34	1900	Sulfur smell, clear water	
CW-18	12-May-2025	12:04	Sunny	223.15	28.48	194.67	1 st Reading 2 nd Reading 3 rd Reading	26.7 26.7 26.7	26.7	8.07 8.08 8.07	8.07	172.8 171.5 171.7	172.0	4	2	56	0.04	<0.01	0.4	16	<2	<0.01	5	0.06	<10	8	Sulfur smell clear water	
CW-18	04-Jun-2025	15:50	Rainy	223.15	28.89	194.26	1 st Reading 2 nd Reading 3 rd Reading	23.8 23.1 23.3	23.4	8.23 8.45 8.28	8.32	0.6 11.2 7.0	6.3	3	<2	35	0.01	<0.01	0.1	10	<2	<0.01	4	<0.04	<10	19000	Sulfur smell, clear water	
CW-18	14-Jul-2025	14:19	Sunny	223.15	20.17	202.98	1 st Reading 2 nd Reading 3 rd Reading	26.4 26.6 26.5	26.5	6.58 6.62 6.56	6.59	24.6 25.6 29.1	26.4	6	<2	141	0.02	0.21	0.1	<1	<2	0.01	2	<0.04	<10	30	Sulfur smell clear water	
CW-18	22-Aug-2025	15:09	Sunny	223.15	16.13	207.02	1 st Reading 2 nd Reading 3 rd Reading	27.8 27.8 27.9	27.8	5.25 5.25 5.24	5.25	47.2 47.3 47.3	47.3	3	<2	37	0.02	0.26	0.1	<1	<2	<0.01	3	<0.04	21	14	Sulfur smell, clear water	
CW-18	16-Sep-2025	14:06	Sunny	223.15	22.00	201.15	1 st Reading 2 nd Reading 3 rd Reading	26.1 26.1 25.8	26	5.85 5.87 6.06	5.93	52.9 52.8 53.0	52.9	4	<2	18	<0.01	0.04	0.1	2	<2	0.07	3	<0.04	<10	Not Detected	Sulfur smell, grey colour	
CW-18	08-Oct-2025	14:32	Sunny	223.15	22.34	200.81	1 st Reading 2 nd Reading 3 rd Reading	30.5 30.6 30.5	30.5	5.90 5.95 5.90	5.92	59.9 63.1 65.2	62.7	3	<2	94	0.02	0.02	0.1	2	<2	0.06	4	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-18	31-Oct-2025	12:14	Sunny	223.15	21.19	201.96	1 st Reading 2 nd Reading 3 rd Reading	25.3 25.4 25.4	25.4	132.50 133.10 133.70	133.1	6.2 6.2 6.2	6.2	5	<2	174	0.05	0.04	0.2	6	<2	0.04	5	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-18	16-Dec-2025	12:06	Sunny	223.15	25.63	197.52	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.2 25.2	25.1	7.04 7.03 7.03	7.03	109.4 109.5 109.5	109.5	4	<2	71	<0.01	0.02	0.2	4	<2	0.03	3	<0.04	<10	4	Sulfur smell, clear water	
CW-18	16-Jan-2026	15:09	Sunny	223.15	26.66	196.49	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.0 25.0	25	7.11 7.12 7.13	7.12	188.0 187.9 187.9	187.9	5	<2	142	0.03	0.01	0.2	7	<2	<0.01	4	<0.04	<10	530	Sulfur smell, grey colour	
CW-18	20-Feb-2026	14:59	Sunny	223.15	27.58	195.57	1 st Reading 2 nd Reading 3 rd Reading	23.6 23.6 23.6	23.6	7.25 7.25 7.24	7.25	170.9 170.9 170.9	170.9	5	<2	99	<0.01	<0.01	0.2	6	<2	0.01	3	<0.04	<10	4	Sulfur smell brown colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)		
								Value	Average	Value	Average	Value	Average															
CW-19	15-Apr-2025	14:02	Sunny	233.41	25.67	207.74	1 st Reading 2 nd Reading 3 rd Reading	28.0 28.4 28.4	28.3	7.97 8.00 8.02	8	1124.0 1159.0 1165.0	1149.3	342	19	656	4.94	<0.01	63.9	42	<2	0.03	200	0.23	<10	230	Sulfur smell, slimy, green colour	
CW-19	12-May-2025	12:56	Sunny	233.41	25.28	208.13	1 st Reading 2 nd Reading 3 rd Reading	27.3 27.2 27.0	27.2	7.94 7.96 7.97	7.96	590.0 585.4 594.1	589.8	121	76	1370	5.56	<0.01	43.6	1	<2	0.01	235	<1.00	<10	Not Detected	Sulfur smell, slimy, green colour	
CW-19	04-Jun-2025	10:45	Rainy	233.41	26.17	207.24	1 st Reading 2 nd Reading 3 rd Reading	22.0 22.0 22.0	22	12.32 12.34 12.50	12.39	92.3 92.6 92.9	92.6	117	57	1210	4.38	0.02	7.3	10	<2	0.02	116	0.94	<10	840	Sulfur smell, grey colour	
CW-19	14-Jul-2025	15:33	Sunny	233.41	13.64	219.77	1 st Reading 2 nd Reading 3 rd Reading	26.2 26.1 26.1	26.1	6.42 6.56 6.44	6.47	697.0 710.0 681.0	696.0	18	<2	56	0.26	0.26	1	56	<2	<0.01	26	0.24	<10	49	Sulfur smell clear water	
CW-19	22-Aug-2025	15:57	Sunny	233.41	13.85	219.56	1 st Reading 2 nd Reading 3 rd Reading	27.1 26.9 26.8	26.9	6.80 7.00 7.00	6.93	358.1 359.4 360.4	359.3	14	<2	193	0.02	2.83	0.4	15	<2	<0.01	9	<0.04	<10	720	Sulfur smell, grey colour	
CW-19	16-Sep-2025	14:39	Sunny	233.41	16.80	216.61	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.7 24.5	24.7	6.98 6.96 6.93	6.96	555.0 554.0 558.0	555.7	36	6	188	0.58	0.03	2.7	20	<2	0.04	19	0.45	<10	Not Detected	Sulfur smell, grey colour	
CW-19	08-Oct-2025	15:18	Sunny	233.41	17.38	216.03	1 st Reading 2 nd Reading 3 rd Reading	30.4 30.4 30.4	30.4	7.16 7.27 7.31	7.25	524.0 544.0 547.0	538.3	10	<2	56	0.55	0.06	1.0	43	<2	0.02	14	0.33	<10	1	Sulfur smell, grey colour	
CW-19	31-Oct-2025	12:26	Sunny	233.41	17.05	216.36	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.7	24.8	7.08 7.10 7.11	7.1	619.0 619.0 619.0	619.0	17	8	184	0.97	<0.01	5.9	26	<2	0.13	31	0.1	<10	Not Detected	Sulfur smell, grey colour	
CW-19	16-Dec-2025	14:17	Sunny	233.41	17.88	215.53	1 st Reading 2 nd Reading 3 rd Reading	24.2 26.3 26.2	25.6	7.20 7.72 7.74	7.55	637.0 356.3 355.8	449.7	12	<2	56	0.69	0.02	1.5	26	<2	0.03	15	0.82	<10	Not Detected	Sulfur smell, grey colour	
CW-19	16-Jan-2026	16:30	Sunny	233.41	18.47	214.94	1 st Reading 2 nd Reading 3 rd Reading	24.0 24.0 24.0	24	7.32 7.46 7.49	7.42	330.0 328.7 327.4	328.7	14	3	64	0.74	0.01	1.3	30	<2	0.02	15	0.62	<10	7	Sulfur smell, grey colour	
CW-19	20-Feb-2026	15:53	Sunny	233.41	19.15	214.26	1 st Reading 2 nd Reading 3 rd Reading	24.2 24.1 24.1	24.1	7.27 7.31 7.44	7.34	702.0 702.0 702.0	702.0	9	2	39	0.52	<0.01	1.3	33	<2	0.01	17	0.82	<10	7	Sulfur smell black colour	
CW-20	25-Apr-2025	13:32	Sunny	246.97	26.58	220.39	1 st Reading 2 nd Reading 3 rd Reading	24.1 24.1 24.2	24.1	7.21 7.22 7.21	7.21	232.0 240.0 244.5	238.8	22	8	37	0.29	0.02	0.9	39	<2	0.01	14	0.19	<10	Not Detected	Sulfur smell clear water	
CW-20	12-May-2025	13:34	Sunny	246.97	26.31	220.66	1 st Reading 2 nd Reading 3 rd Reading	29.5 29.6 29.5	29.5	6.91 6.90 6.91	6.91	192.4 189.7 192.0	191.4	22	9	79	0.08	<0.01	0.5	9	<2	<0.01	9	0.06	<10	4	Sulfur smell clear water	
CW-20	04-Jun-2025	16:31	Rainy	246.97	34.97	212.00	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.3 23.3	23.3	8.46 8.42 8.39	8.42	517.3 525.6 479.6	507.5	22	12	126	0.06	<0.01	0.3	2	<2	<0.01	6	0.94	<10	4300	Sulfur smell, black colour	
CW-20	14-Jul-2025	15:18	Sunny	246.97	34.87	212.10	1 st Reading 2 nd Reading 3 rd Reading	28.4 28.4 28.4	28.4	7.09 7.08 6.98	7.05	169.5 166.5 165.6	167.2	5	<2	57	0.05	<0.01	0.2	2	<2	<0.01	4	0.05	<10	1	Sulfur smell black colour	
CW-20	22-Aug-2025	15:40	Sunny	246.97	31.70	215.27	1 st Reading 2 nd Reading 3 rd Reading	27.0 27.0 26.9	27	7.10 7.00 7.00	7.03	322.4 323.0 323.2	322.9	8	<2	21	0.04	0.02	0.5	9	<2	<0.01	10	0.19	<10	340	Sulfur smell, black colour	
CW-20	16-Sep-2025	14:26	Sunny	246.97	33.75	213.22	1 st Reading 2 nd Reading 3 rd Reading	24.9 24.9 25.1	25	5.96 5.93 5.76	5.88	205.0 205.0 203.9	204.6	7	2	17	0.04	<0.01	0.2	3	<2	0.02	6	0.34	<10	Not Detected	Sulfur smell, black colour	
CW-20	08-Oct-2025	15:03	Sunny	246.97	33.54	213.43	1 st Reading 2 nd Reading 3 rd Reading	30.3 30.3 30.3	30.3	6.94 6.86 6.85	6.88	271.1 275.1 277.4	274.5	6	<2	20	0.03	<0.01	<0.1	6	<2	0.03	9	0.11	<10	Not Detected	Sulfur smell brown colour	
CW-20	31-Oct-2025	12:27	Sunny	246.97	33.62	213.35	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.1 25.1	25.1	7.21 7.13 7.08	7.14	193.8 193.6 193.7	193.7	5	<2	34	0.05	<0.01	0.1	2	<2	0.03	6	0.27	<10	Not Detected	Sulfur smell, grey colour	
CW-20	16-Dec-2025	14:30	Sunny	246.97	33.30	213.67	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.2 24.3	24.8	7.04 7.03 7.27	7.11	109.4 109.2 637.0	285.2	10	<2	139	0.04	<0.01	0.2	23	<2	0.03	4	2.08	14	5	Sulfur smell brown colour	
CW-20	16-Jan-2026	16:04	Sunny	246.97	34.53	212.44	1 st Reading 2 nd Reading 3 rd Reading	22.4 22.3 22.4	22.4	8.06 7.91 7.88	7.95	247.4 247.7 247.9	247.7	15	4	237	0.22	0.03	0.2	3	<2	<0.01	4	2.23	<10	260	Sulfur smell brown colour	
CW-20	20-Feb-2026	15:34	Sunny	246.97	34.77	212.20	1 st Reading 2 nd Reading 3 rd Reading	23.6 23.6 23.6	23.6	7.54 7.52 7.50	7.52	154.2 154.3 154.3	154.3	5	<2	89	<0.01	<0.01	0.1	2	<2	0.03	3	0.7	<10	Not Detected	Sulfur smell black colour	

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]				Monitoring Parameter(s)						Remarks (Sample Observation)												
										In-situ Monitoring							Laboratory Analysis											
										Temperature (°C)		pH		Electrical Conductivity (mS/cm)			COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)
							Value	Average	Value	Average	Value	Average	Value	Value	Value		Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
CW-21	12-May-2025	13:58	Sunny	248.16	34.67	213.49	1 st Reading	31.6	31.6	7.53	7.56	295.8	296.8	159	17	154	0.24	<0.01	16	41	<2	<0.01	14	<1.00	<10	8	Sulfur smell orange colour	
	2 nd Reading	31.7	7.55	297.2																								
	3 rd Reading	31.5	7.61	297.5																								
CW-21	04-Jun-2025	16:11	Rainy	248.16	29.96	218.20	1 st Reading	23.2	23.1	8.17	8.18	104.0	101.6	194	41	74	0.12	<0.01	18.8	2	<2	<0.01	12	1.00	<10	13000	Sulfur smell, black colour	
	2 nd Reading	23.1	8.20	104.8																								
	3 rd Reading	23.1	8.20	104.8																								
CW-21	14-Jul-2025	14:59	Sunny	248.16	28.52	219.64	1 st Reading	28.3	28.3	6.89	6.85	170.3	162.0	167	15	22	0.12	<0.01	15.1	<1	<2	<0.01	8	4.37	<10	1	Sulfur smell black colour	
	2 nd Reading	28.3	6.87	154.1																								
	3 rd Reading	28.3	6.78	161.7																								
CW-21	22-Aug-2025	15:28	Sunny	248.16	24.94	223.22	1 st Reading	27.1	27.1	7.20	7.17	123.6	122.9	141	15	15	0.18	<0.01	16.5	<1	<2	<0.01	8	2.36	<10	10	Sulfur smell, black colour	
	2 nd Reading	27.1	7.20	122.8																								
	3 rd Reading	27.2	7.10	122.3																								
CW-21	16-Sep-2025	14:17	Sunny	248.16	28.19	219.97	1 st Reading	26.4	26.4	7.00	7.03	138.5	138.4	190	28	33	0.16	<0.01	17.9	3	<2	<0.01	6	0.18	<10	Not Detected	Sulfur smell, black colour	
	2 nd Reading	26.4	7.00	139.2																								
	3 rd Reading	26.3	7.10	137.4																								
CW-21	08-Oct-2025	14:49	Sunny	248.16	28.62	219.54	1 st Reading	31.1	31.1	7.00	7.00	201.4	204.0	164	4	15	0.32	<0.01	16.8	4	<2	<0.01	10	2.22	<10	Not Detected	Sulfur smell, black colour	
	2 nd Reading	31.1	6.99	204.8																								
	3 rd Reading	31.0	7.02	205.8																								
CW-21	31-Oct-2025	12:29	Sunny	248.16	27.43	220.73	1 st Reading	25.3	25.4	7.02	7.02	204.9	204.6	169	16	22	0.05	<0.01	19.9	3	<2	<0.01	8	2.09	<10	3	Sulfur smell, black colour	
	2 nd Reading	25.4	7.02	204.5																								
	3 rd Reading	25.4	7.02	204.3																								
CW-21	16-Dec-2025	14:44	Sunny	248.16	28.65	219.51	1 st Reading	22.5	23.6	7.06	7.06	154.2	184.7	158	<2	20	0.48	0.01	20.2	3	<2	<0.01	5	2.52	<10	18	Sulfur smell brown colour	
	2 nd Reading	24.2	7.06	200.0																								
	3 rd Reading	24.1	7.07	199.8																								
CW-21	16-Jan-2026	15:43	Sunny	248.16	28.94	219.22	1 st Reading	18.2	18.3	7.85	7.85	204.3	204.5	182	15	31	0.22	<0.10	21.7	5	<2	<0.01	5	1.63	<10	6	Sulfur smell black colour	
	2 nd Reading	18.3	7.85	204.5																								
	3 rd Reading	18.4	7.84	204.6																								
CW-21	20-Feb-2026	15:18	Sunny	248.16	29.31	218.85	1st Reading	23.7	23.7	8.30	8.24	185.6	185.6	183	15	23	0.04	<0.01	20	5	<2	<0.01	7	1.56	<10	5	Sulfur smell black colour	
	2nd Reading	23.7	8.28	185.7																								
	3rd Reading	23.7	8.14	185.5																								
CW-22	24-Jun-2025	15:36	Fine	257.23	28.53	228.70	1 st Reading	27.6	27.6	6.82	6.97	392.2	407.1	9	2	289	0.13	0.02	0.3	56	<2	0.01	12	<0.04	<10	310	Sulfur smell, grey colour	
	2 nd Reading	27.6	7.02	414.9																								
	3 rd Reading	27.6	7.08	414.1																								
CW-22	22-Jul-2025	14:30	Rainy	257.23	24.68	232.55	1 st Reading	25.3	25.3	7.31	7.3	262.0	262.2	3	<2	192	0.02	0.35	0.2	7	<2	<0.01	4	<0.04	<10	15	Sulfur smell brown colour	
	2 nd Reading	25.3	7.30	262.2																								
	3 rd Reading	25.3	7.30	262.3																								
CW-22	21-Aug-2025	11:43	Sunny	257.23	11.23	246.00	1 st Reading	26.8	26.8	7.40	7.4	266.5	266.6	3	<2	215	0.03	0.22	1.3	7	<2	<0.01	5	<0.04	<10	6200	Sulfur smell, grey colour	
	2 nd Reading	26.8	7.40	266.6																								
	3 rd Reading	26.8	7.40	266.7																								
CW-22	11-Sep-2025	14:08	Sunny	257.23	11.34	245.89	1 st Reading	28.2	28.2	7.52	7.54	258.4	258.4	4	<2	150	0.10	0.02	0.2	9	<2	0.05	6	<0.04	<10	10	Sulfur smell, grey colour	
	2 nd Reading	28.2	7.54	258.4																								
	3 rd Reading	28.2	7.55	258.4																								
CW-22	21-Oct-2025	11:54	Sunny	257.23	27.69	229.54	1 st Reading	22.5	22.4	6.33	6.5	227.8	228.0	6	<2	14	0.01	0.11	<0.1	6	<2	<0.01	3	<0.04	<10	Not Detected	Sulfur smell, grey colour	
	2 nd Reading	22.4	6.55	228.0																								
	3 rd Reading	22.4	6.63	228.1																								
CW-22	17-Nov-2025	14:08	Sunny	257.23	28.47	228.76	1 st Reading	24.3	24.3	7.03	7.05	294.4	294.4	5	<2	220	0.04	0.15	0.2	14	<2	0.05	8	<0.04	<10	Not Detected	Sulfur smell brown colour	
	2 nd Reading	24.3	7.04	294.4																								
	3 rd Reading	24.3	7.08	294.4																								
CW-22	18-Dec-2025	14:05	Sunny	257.23	28.47	228.76	1 st Reading	24.0	24	8.42	8.39	345.0	345.2	5	<2	108	0.04	0.03	0.2	17	<2	0.03	11	<0.04	<10	2200	Sulfur smell, clear water	
	2 nd Reading	24.0	8.38	345.3																								
	3 rd Reading	24.0	8.36	345.4																								
CW-22	20-Jan-2026	13:34	Sunny	257.23	29.03	228.20	1 st Reading	21.9	21.9	7.79	7.81	298.0	298.0	<2	<2	82	0.03	0.03	0.8	16	<2	0.03	10	<0.04	<10	Not Detected	clear water	
	2 nd Reading	21.9	7.81	298.0																								
	3 rd Reading	21.9	7.82	297.9																								
CW-22	26-Feb-2026	12:54	Sunny	257.23	28.11	229.12	1 st Reading	21.2	21.2	7.98	7.98	283.1	283.1	4	<2	135	0.04	0.03	0.1	20	<2	0.02	9	<0.04	<10	1	Sulfur smell, grey colour	
	2 nd Reading	21.2	7.98	283.1																								
	3 rd Reading	21.3	7.98	283.1																								

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)															Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average																
CW-23	24-Jun-2025	16:42	Fine	244.69	55.28	189.41	1 st Reading	26.4	26.4	6.14	6.17	145.7	145.8	3	2	141	0.01	0.54	0.1	10	<2	0.04	12	<0.04	<10	1800	Sulfur smell, clear water		
							2 nd Reading	26.4		6.17		144.6																	
							3 rd Reading	26.5		6.19		147.1																	
CW-23	22-Jul-2025	15:07	Rainy	244.69	50.24	194.45	1 st Reading	25.1	25	7.62	7.55	68.8	69.0	4	<2	67	0.02	0.6	0.2	4	<2	<0.01	6	<0.04	<10	16	Sulfur smell brown colour		
							2 nd Reading	25.0		7.54		69.0																	
							3 rd Reading	25.0		7.48		69.1																	
CW-23	18-Dec-2025	14:29	Sunny	244.69	66.44	178.25	1 st Reading	23.2	23.2	8.37	8.27	95.8	96.4	4	<2	56	0.01	0.19	0.1	5	<2	0.07	5	<0.04	14	Not Detected	Sulfur smell, clear water		
							2 nd Reading	23.2		8.24		96.8																	
							3 rd Reading	23.2		8.21		95.9																	
CW-23	20-Jan-2026	14:45	Sunny	244.69	68.32	176.37	1 st Reading	21.3	21.5	8.35	8.31	91.0	91.1	<2	<2	132	<0.01	0.19	0.2	5	<2	0.08	5	<0.04	<10	Not Detected	clear water		
							2 nd Reading	21.5		8.31		91.1																	
							3 rd Reading	21.6		8.28		91.1																	
CW-23	26-Feb-2026	13:32	Sunny	244.69	66.84	177.85	1 st Reading	22.1	22.2	8.41	8.28	92.4	92.5	4	<2	240	<0.01	0.14	0.1	5	<2	0.05	5	<0.04	13	6	Sulfur smell, grey colour		
							2 nd Reading	22.1		8.24		92.5																	
							3 rd Reading	22.5		8.20		92.6																	
CW-24	26-May-2025	15:45	Fine	211.41	No Groundwater																								
CW-24	24-Jun-2025	16:58	Fine	211.41	No Groundwater																								
CW-24	24-Jul-2025	14:50	Sunny	211.41	No Groundwater																								
CW-24	21-Oct-2025	11:42	Sunny	211.41	No Groundwater																								
CW-24	17-Nov-2025	9:36	Sunny	211.41	No Groundwater																								
CW-24	18-Dec-2025	10:25	Sunny	211.41	No Groundwater																								
CW-24	20-Jan-2026	12:05	Sunny	211.41	No Groundwater																								
CW-24	26-Feb-2026	11:25	Sunny	211.41	No Groundwater																								
CW-25	26-May-2025	16:07	Fine	180.95	28.64	152.31	1 st Reading	24.7	24.7	5.92	5.9	28.0	26.6	4	3	69	<0.01	0.06	<0.1	6	<2	<0.01	2	<0.04	74	3	Sulfur smell clear water		
							2 nd Reading	24.7		5.90		26.7																	
							3 rd Reading	24.8		5.89		25.2																	
CW-25	24-Jun-2025	17:45	Fine	180.95	29.05	151.90	1 st Reading	26.1	26.1	6.42	6.33	59.3	58.9	5	2	642	<0.01	0.12	0.3	8	<2	<0.01	4	<0.04	<10	730	Sulfur smell, grey colour		
							2 nd Reading	26.1		6.36		57.4																	
							3 rd Reading	26.2		6.21		60.1																	
CW-25	24-Jul-2025	14:38	Sunny	180.95	15.06	165.89	1 st Reading	27.1	27.3	7.18	7.03	90.2	87.7	6	3	166	0.02	0.04	0.2	11	<2	<0.01	7	<0.04	15	29	Sulfur smell clear water		
							2 nd Reading	27.3		6.99		86.6																	
							3 rd Reading	27.5		6.93		86.4																	
CW-25	21-Aug-2025	12:34	Sunny	180.95	7.45	173.50	1 st Reading	26.5	26.6	6.40	6.33	90.1	90.1	7	<2	299	0.02	0.09	0.3	9	<2	<0.01	5	<0.04	10	1300	Sulfur smell, grey colour		
							2 nd Reading	26.6		6.30		90.1																	
							3 rd Reading	26.6		6.30		90.1																	
CW-25	11-Sep-2025	14:39	Sunny	180.95	8.21	172.74	1 st Reading	28.0	28.2	6.99	6.63	90.0	89.8	4	2	192	0.02	0.22	0.1	10	<2	<0.01	6	0.06	<10	Not Detected	Sulfur smell, grey colour		
							2 nd Reading	28.3		6.58		89.7																	
							3 rd Reading	28.3		6.32		89.6																	
CW-25	21-Oct-2025	12:23	Sunny	180.95	21.13	159.82	1 st Reading	22.7	22.7	6.27	6.07	79.3	79.7	7	<2	149	0.04	<0.01	<0.1	11	<2	0.05	4	<0.04	<10	Not Detected	Sulfur smell, grey colour		
							2 nd Reading	22.7		5.98		79.8																	
							3 rd Reading	22.7		5.95		80.0																	
CW-25	17-Nov-2025	14:37	Sunny	180.95	24.86	156.09	1 st Reading	24.2	24.2	7.08	6.92	56.7	56.6	4	<2	195	<0.01	0.16	0.1	7	<2	<0.01	4	<0.04	13	Not Detected	Sulfur smell brown colour		
							2 nd Reading	24.2		6.88		56.8																	
							3 rd Reading	24.2		6.80		56.2																	
CW-25	18-Dec-2025	15:17	Sunny	180.95	24.63	156.32	1 st Reading	22.6	22.7	8.13	8.06	24.7	35.9	8	<2	264	0.01	0.09	0.1	6	<2	<0.01	4	<0.04	10	Not Detected	Sulfur smell, grey colour		
							2 nd Reading	22.7		8.04		39.1																	
							3 rd Reading	22.7		8.00		44.0																	
CW-25	20-Jan-2026	15:49	Sunny	180.95	17.45	156.21	1 st Reading	21.8	22	7.95	7.99	18.8	27.8	<2	<2	57	<0.01	0.07	0.1	4	<2	<0.01	3	<0.04	<10	Not Detected	clear water		
							2 nd Reading	22.0		7.95		27.8																	
							3 rd Reading	22.2		7.88		36.8																	
CW-25	26-Feb-2026	14:45	Sunny	180.95	25.94	155.01	1 st Reading	22.5	22.5	7.83	7.76	36.7	36.8	6	<2	227	0.02	0.06	<0.1	3	<2	<0.01	3	<0.04	17	3	Sulfur smell, grey colour		
							2 nd Reading	22.5		7.79		36.8																	
							3 rd Reading	22.4		7.66		36.9																	

Remarks:

(1) Red text with red highlight refer to exceed the trigger level (i.e. 30mg/L).

(2) *TBP* equal to "To Be Provided"

Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)															Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)			
								Value	Average	Value	Average	Value	Average																
								Value	Average	Value	Average	Value	Average																
CW-26	01-Apr-2025	17:59	Sunny	152.33	15.68	136.65	1 st Reading	21.1	21.2	7.18	7.06	294.3	285.5	15	7	61	0.28	0.8	0.8	22	<2	<0.01	8	0.17	12	300	Sulfur smell, clear water		
						2 nd Reading	21.3	6.89		284.0																			
						3 rd Reading	21.2	7.12		278.1																			
CW-26	14-May-2025	11:39	Sunny	152.33	16.27	136.06	1 st Reading	25.1	25.2	7.25	7.25	165.2	170.9	6	3	124	0.06	0.02	0.8	4	<2	0.01	3	0.12	<10	Not Detected	Sulfur smell clear water		
						2 nd Reading	25.2	7.25		174.3																			
						3 rd Reading	25.2	7.26		173.1																			
CW-26	24-Jun-2025	11:08	Fine	152.33	16.38	135.95	1 st Reading	25.7	25.9	7.21	7.23	104.5	104.1	43	2	21	0.04	0.07	5.3	8	<2	0.03	4	0.14	<10	110	Sulfur smell, clear water		
						2 nd Reading	25.9	7.23		104.2																			
						3 rd Reading	26.0	7.25		103.7																			
CW-26	24-Jul-2025	14:20	Sunny	152.33	13.24	139.09	1 st Reading	27.0	27.2	6.79	6.82	192.8	192.5	10	<2	11	0.03	<0.01	4.2	2	<2	0.03	2	0.21	10	5	Sulfur smell clear water		
						2 nd Reading	27.2	6.82		191.4																			
						3 rd Reading	27.4	6.84		193.2																			
CW-26	21-Aug-2025	12:48	Sunny	152.33	30.48	121.85	1 st Reading	26.2	26.3	7.06	7.03	185.7	187.2	6	<2	16	0.02	0.28	0.2	10	<2	<0.01	5	<0.04	<10	2000	Sulfur smell, clear water		
						2 nd Reading	26.3	7.03		190.2																			
						3 rd Reading	26.3	7.01		185.8																			
CW-26	11-Sep-2025	14:46	Sunny	152.33	30.21	122.12	1 st Reading	27.2	27.1	6.25	6.36	82.1	82.4	4	<2	24	0.02	0.18	0.1	6	<2	<0.01	4	<0.04	29	Not Detected	Sulfur smell, clear water		
						2 nd Reading	27.1	6.67		82.5																			
						3 rd Reading	27.1	6.17		82.5																			
CW-26	21-Oct-2025	12:37	Sunny	152.33	30.28	122.05	1 st Reading	22.6	22.7	6.03	6.01	60.3	60.3	8	<2	360	<0.01	0.22	<0.1	9	<2	<0.01	5	<0.04	<10	Not Detected	Sulfur smell, grey colour		
						2 nd Reading	22.7	6.01		60.3																			
						3 rd Reading	22.7	6.00		60.3																			
CW-26	17-Nov-2025	14:59	Sunny	152.33	12.60	139.73	1 st Reading	23.1	23.1	6.36	6.29	39.4	48.6	<2	<2	5	<0.01	0.09	<0.1	5	<2	0.02	2	<0.04	18	Not Detected	Sulfur smell brown colour		
						2 nd Reading	23.1	6.33		53.0																			
						3 rd Reading	23.1	6.18		53.4																			
CW-26	18-Dec-2025	15:29	Sunny	152.33	12.60	139.73	1 st Reading	21.4	21.3	6.79	6.77	39.3	49.7	4	<2	31	0.01	0.06	<0.1	5	<2	<0.01	3	<0.04	14	Not Detected	Sulfur smell, clear water		
						2 nd Reading	21.3	6.77		53.8																			
						3 rd Reading	21.3	6.75		56.0																			
CW-26	20-Jan-2026	16:03	Sunny	152.33	11:31	135.85	1st Reading	22.5	22.5	7.38	7.32	45.4	44.0	<2	<2	24	0.01	0.06	0.3	3	<2	<0.01	3	<0.04	19	Not Detected	clear water		
						2nd Reading	22.5	7.35		41.5																			
						3rd Reading	22.5	7.22		45.0																			
CW-26	26-Feb-2026	15:14	Sunny	152.33	15.00	137.33	1 st Reading	22.4	22.4	7.19	7.16	54.1	54.2	<2	<2	81	<0.01	0.05	<0.1	2	<2	<0.01	3	<0.04	20	2	Sulfur smell, clear water		
						2 nd Reading	22.4	7.15		54.2																			
						3 rd Reading	22.4	7.13		54.2																			
CW-27	01-Apr-2025	17:45	Sunny	136.90	No Groundwater																								
CW-27	14-May-2025	11:59	Sunny	136.90	No Groundwater																								
CW-27	25-Jun-2025	14:00	Fine	136.90	No Groundwater																								
CW-27	24-Jul-2025	14:00	Sunny	136.90	No Groundwater																								
CW-27	21-Aug-2025	13:00	Sunny	136.90	No Groundwater																								
CW-27	11-Sep-2025	15:10	Sunny	136.90	No Groundwater																								
CW-27	21-Oct-2025	12:55	Sunny	136.90	No Groundwater																								
CW-27	25-Nov-2025	12:40	Sunny	136.90	No Groundwater																								
CW-27	18-Dec-2026	13:04	Sunny	136.90	No Groundwater																								
CW-27	20-Jan-2026	17:04	Sunny	136.90	No Groundwater																								
CW-27	26-Feb-2026	12:20	Sunny	136.90	No Groundwater																								

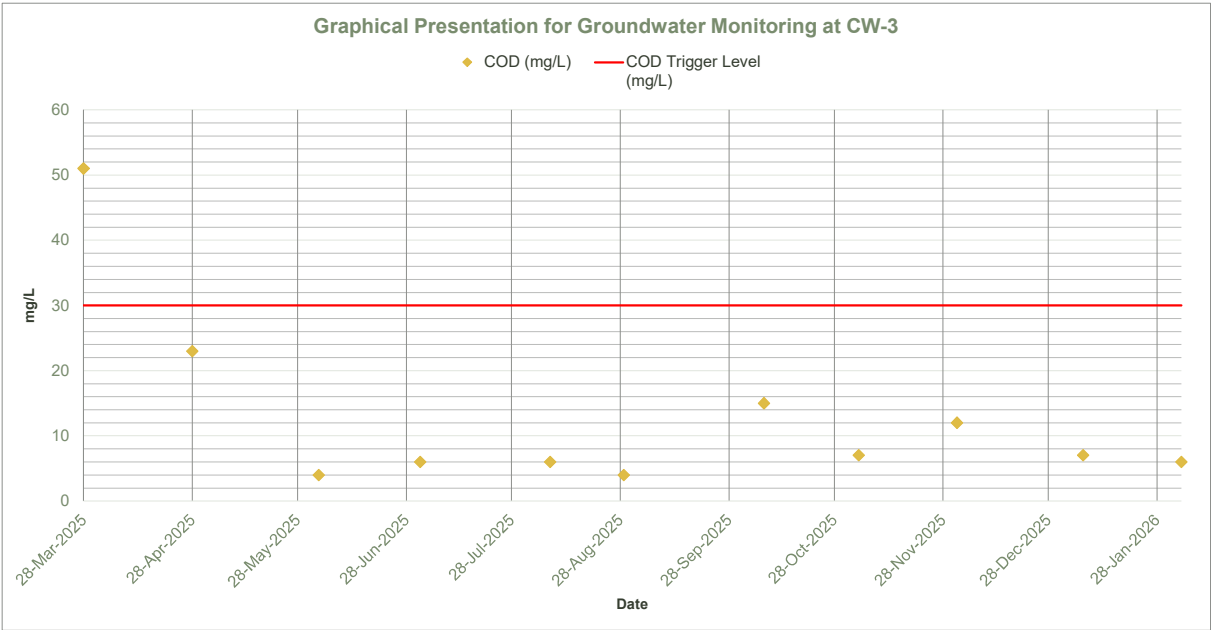
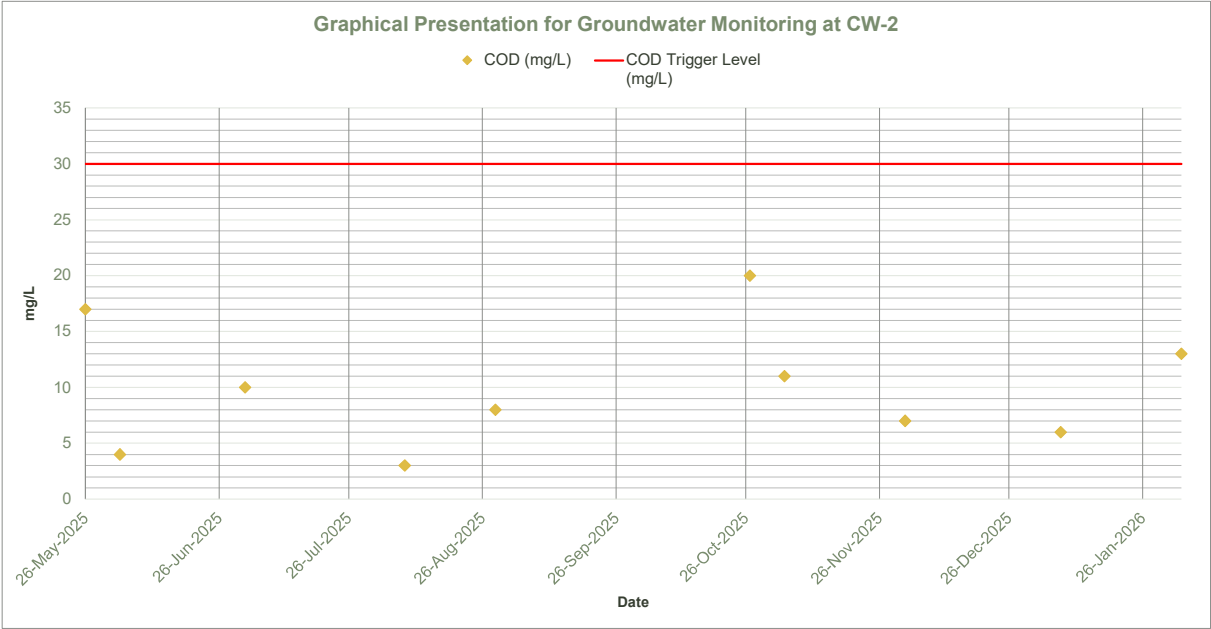
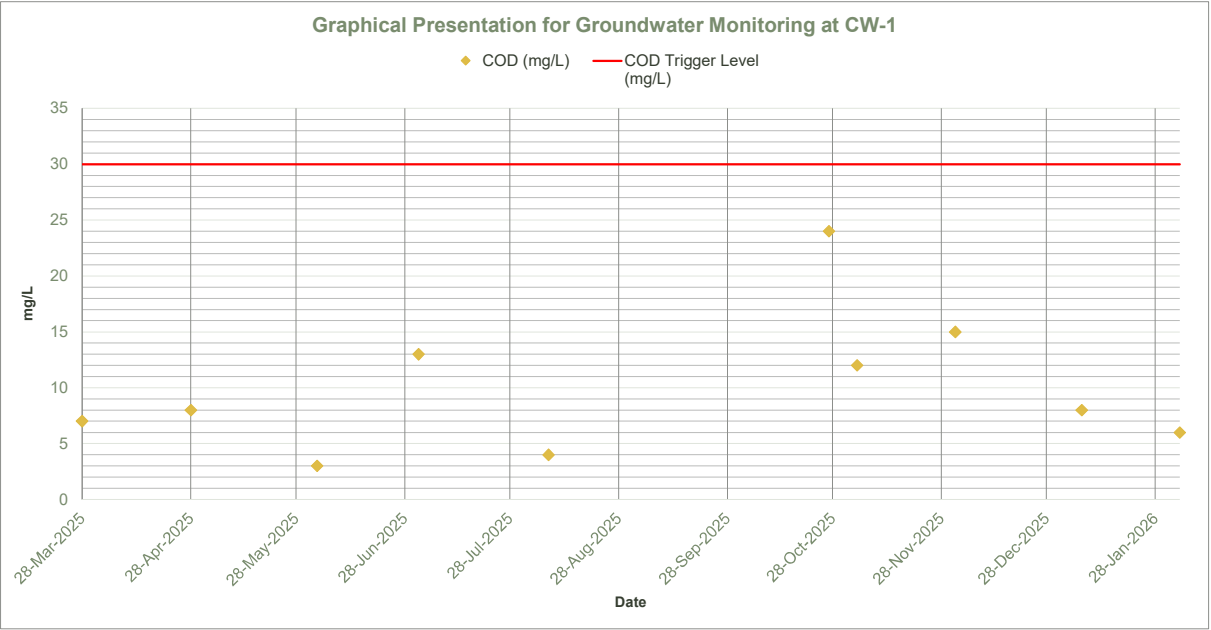
Remarks:
(1) Red text with red highlight refer to exceed the trigger level (i.e. 30mg/L).
(2) "TBP" equal to "To Be Provided"

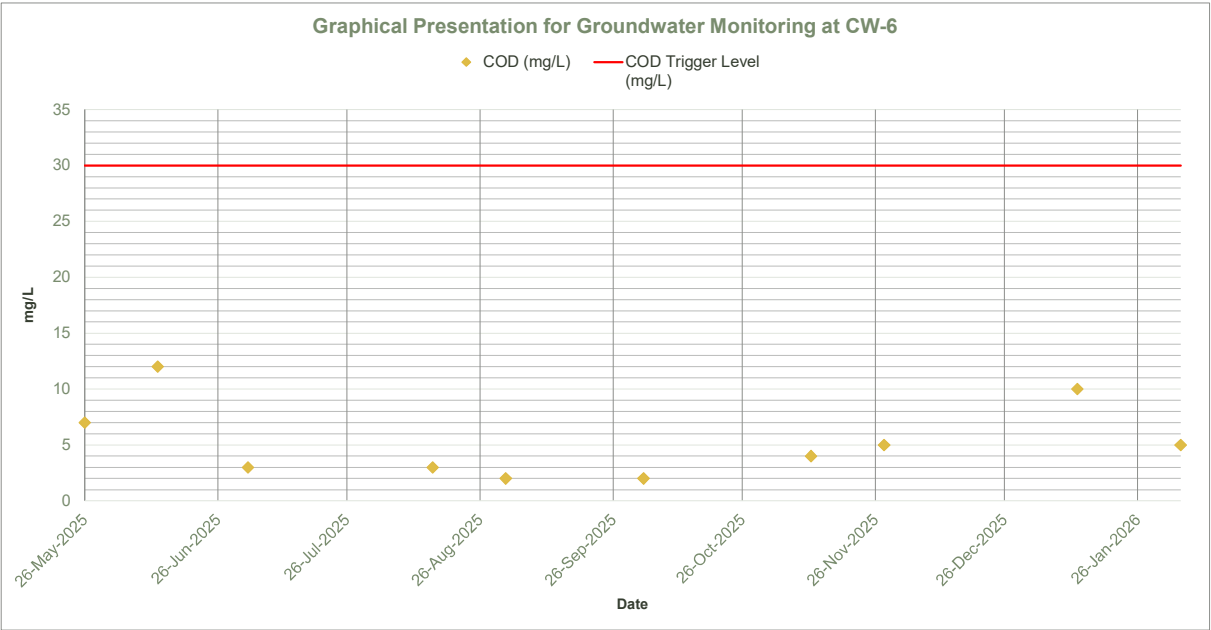
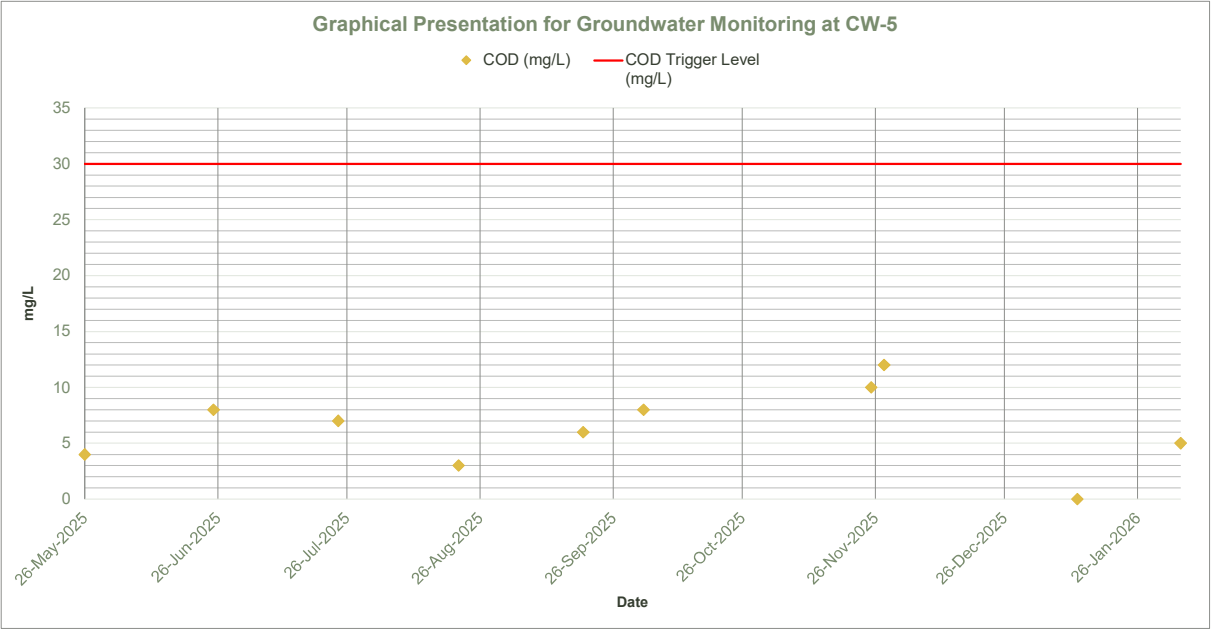
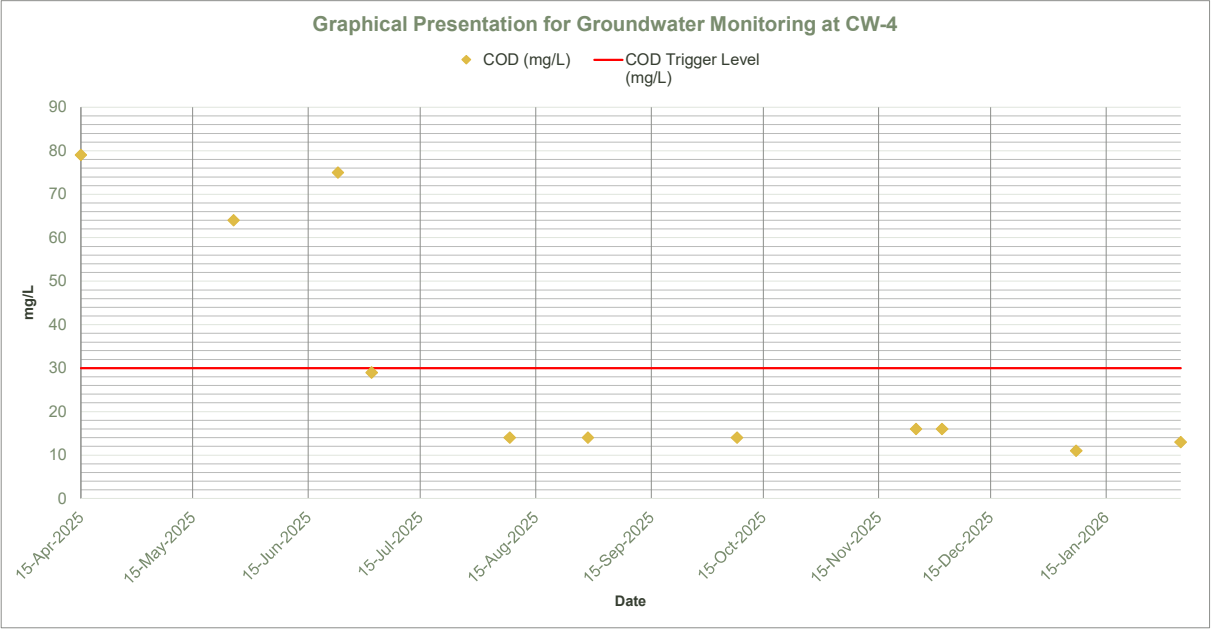
Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]	Monitoring Parameter(s)																		Remarks (Sample Observation)		
							In-situ Monitoring						Laboratory Analysis														
							Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)		Coliform Count (CFU/100mL)	
Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value			
CW-28	01-Apr-2025	17:55	Sunny	109.33	No Groundwater																						
CW-28	14-May-2025	12:10	Sunny	109.33	No Groundwater																						
CW-28	24-Jun-2025	14:00	Fine	109.33	No Groundwater																						
CW-28	25-Jul-2025	12:06	Sunny	109.33	27.50	81.83	1 st Reading	28.5	28.5	6.54	6.53	150.8	150.6	10	<2	186	0.02	0.02	0.2	11	<2	<0.01	7	<0.04	42	320	Sulfur smell brown colour
			2 nd Reading	28.5	6.51	150.3																					
			3 rd Reading	28.5																							
CW-28	21-Aug-2025	13:12	Sunny	109.33	28.62	80.71	1 st Reading	28.6	28.6	6.01	6	51.4	51.5	4	<2	82	0.02	0.074	0.2	4	<2	<0.01	4	<0.04	22	1400	Sulfur smell, clear water
			2 nd Reading	28.6	6.00	51.5																					
			3 rd Reading	28.6	6.00	51.5																					
CW-28	11-Sep-2025	15:34	Sunny	109.33	26.37	82.96	1 st Reading	26.8	26.6	6.40	6.37	103.6	104.0	13	2	3060	0.02	<0.01	0.2	5	<2	<0.01	5	<0.04	15	Not Detected	Sulfur smell, clear water
			2 nd Reading	26.6	6.36	104.1																					
			3 rd Reading	26.5	6.34	104.3																					
CW-28	25-Nov-2025	13:22	Sunny	109.33	No Groundwater																						
CW-28	18-Dec-2026	13:17	Sunny	109.33	No Groundwater																						
CW-28	20-Jan-2026	17:17	Sunny	109.33	No Groundwater																						
CW-28	26-Feb-2026	12:41	Sunny	109.33	No Groundwater																						
CW-29	01-Apr-2025	17:31	Sunny	48.41	2.47	45.94	1 st Reading	21.5	21.5	5.89	5.85	26.6	26.9	8	<2	50	0.01	0.2	0.2	4	<2	<0.01	3	<0.04	32	270	Sulfur smell, clear water
			2 nd Reading	21.5	5.86	26.8																					
			3 rd Reading	21.5	5.80	27.4																					
CW-29	14-May-2025	14:16	Sunny	48.41	2.43	45.98	1 st Reading	27.6	27.6	5.89	5.89	65.8	65.4	5	<2	525	<0.01	0.24	0.3	8	<2	<0.01	4	0.04	<10	Not Detected	Sulfur smell brown colour
			2 nd Reading	27.6	5.89	65.1																					
			3 rd Reading	27.6	5.90	65.2																					
CW-29	04-Jun-2025	17:39	Rainy	48.41	2.53	45.88	1 st Reading	22.7	22.7	7.19	7.18	1240.0	1238.0	2	<2	62	0.02	<0.01	0.2	15	<2	<0.01	5	<0.04	13	1500	Sulfur smell, clear water
			2 nd Reading	22.8	7.18	1241.0																					
			3 rd Reading	22.7	7.18	1233.0																					
CW-29	05-Nov-2025	17:00	Sunny	48.41	2.26	46.15	1 st Reading	21.6	21.5	6.35	6.33	119.3	119.4	4	2	54	0.09	0.15	0.5	3	<2	<0.01	4	0.08	13	14	Sulfur smell, clear water
			2 nd Reading	21.5	6.32	119.4																					
			3 rd Reading	21.5	6.31	119.5																					
CW-29	19-Dec-2025	17:26	Sunny	48.41	3.11	45.30	1 st Reading	22.2	22.2	5.90	5.89	49.0	49.0	8	<2	763	<0.01	0.14	0.3	3	<2	<0.01	4	0.04	<10	220	Sulfur smell brown colour
			2 nd Reading	22.2	5.89	49.0																					
			3 rd Reading	22.2	5.89	49.0																					
CW-29	07-Jan-2026	15:23	Sunny	48.41	3.17	45.24	1 st Reading	21.3	21.2	8.01	7.88	33.7	43.1	25	<2	4440	0.02	0.01	0.4	2	<2	0.01	3	0.12	<10	280	Sulfur smell brown colour
			2 nd Reading	21.2	7.85	43.4																					
			3 rd Reading	21.2	7.79	52.1																					
CW-29	13-Feb-2026	15:32	Sunny	48.41	0.39	48.02	1 st Reading	23.4	23.4	7.50	7.47	59.7	59.8	5	<2	1020	0.04	<0.01	0.2	7	<2	<0.01	5	<0.04	<10	7	Sulfur smell brown colour
			2 nd Reading	23.4	7.47	59.8																					
			3 rd Reading	23.4	7.45	59.9																					
CW-30	10-Apr-2025	15:15	Sunny	65.21	15.12	50.09	1 st Reading	27.6	27.3	6.43	6.42	151.6	144.8	8	4	24	0.02	0.04	0.5	11	<2	<0.01	4	<0.04	20	610	Sulfur smell, clear water
			2 nd Reading	27.5	6.47	147.9																					
			3 rd Reading	26.7	6.37	135.0																					
CW-30	14-May-2025	13:35	Sunny	65.21	19.19	46.02	1 st Reading	26.1	26.3	6.76	6.81	322.9	325.0	15	8	107	0.06	0.01	0.5	4	<2	<0.01	4	0.14	<10	Not Detected	Sulfur smell clear water
			2 nd Reading	26.3	6.83	326.6																					
			3 rd Reading	26.4	6.84	325.5																					
CW-30	12-Jun-2025	15:42	Fine	65.21	18.20	47.01	1 st Reading	27.6	27.6	7.02	7.01	301.5	301.5	8	4	164	0.03	0.02	0.1	3	<2	<0.01	5	0.06	<10	Not Detected	Sulfur smell, clear water
			2 nd Reading	27.6	7.01	301.5																					
			3 rd Reading	27.6	7.01	301.6																					
CW-30	22-Jul-2025	11:54	Sunny	65.21	16.08	49.13	1 st Reading	26.1	26.2	6.67	6.63	206.5	200.4	6	<2	315	0.04	<0.01	0.2	35	<2	<0.01	4	<0.04	42	35	Sulfur smell clear water
			2 nd Reading	26.2	6.62	191.1																					
			3 rd Reading	26.2	6.61	203.5																					
CW-30	21-Aug-2025	11:45	Sunny	65.21	8.63	56.58	1 st Reading	27.8	27.8	5.80	5.8	179.8	179.8	4	<2	140	0.06	0.05	0.5	49	<2	<0.01	4	0.07	31	180	Sulfur smell, grey colour
			2 nd Reading	27.8	5.80	179.8																					
			3 rd Reading	27.8	5.80	179.9																					
CW-30	01-Sep-2025	15:43	Sunny	65.21	17.85	47.36	1 st Reading	28.1	27.9	6.96	6.97	268.2	268.8	6	<2	405	0.03	<0.01	0.2	8	<2	<0.01	5	0.06	<10	1100	Sulfur smell, grey colour
			2 nd Reading	27.9	6.96	268.8																					
			3 rd Reading	27.7	7.00	269.4																					
CW-30	03-Oct-2025	14:34	Sunny	65.21	16.54	48.67	1 st Reading	26.4	26.4	6.28	6.26	186.8	187.3	4	<2	316	0.06	0.02	<0.1	36	<2	<0.01	4	<0.04	21	10	Sulfur smell brown colour
			2 nd Reading	26.4	6.25	187.5																					
			3 rd Reading	26.4	6.24	187.7																					
CW-30	11-Nov-2025	11:17	Sunny	65.21	18.83	46.38	1 st Reading	23.1	23.2	6.41	6.42	229.9	229.4	7	<2	1350	0.03	0.01	0.2	19	<2	<0.01	4	0.62	<10	Not Detected	Sulfur smell brown colour
			2 nd Reading	23.3	6.42	229.1																					
			3 rd Reading	23.3	6.43	229.1																					
CW-30	28-Nov-2025	16:00	Sunny	65.21	12.31	52.90	1 st Reading	24.7	24.7	7.46	7.46	362.7	362.0	11	<2	652	0.02	0.09	0.2	8	<2	<0.01	8	<0.04	<10	Not Detected	Sulfur smell, grey colour
			2 nd Reading	24.7	7.46	362.7																					
			3 rd Reading	24.7	7.47	360.6																					
CW-30	27-Jan-2026	15:46	Sunny	65.21	6.93	58.28	1st Reading	25.5	25.5	7.58	7.59	278.6	278.5	9	<2	2190	0.06	<0.01	0.2	7	<2	0.01	7	0.07	<10	Not Detected	Sulfur smell brown colour
			2nd Reading	25.5	7.60	278.5																					
			3rd Reading	25.5	7.60	278.5																					
CW-30	13-Feb-2026	14:38	Sunny	65.21	19.50	45.71	1 st Reading	23.2	23.2	7.37	7.38	276.6	276.6	5	<2	125	0.20	<0.01	0.3	3	<2	<0.01	5	<0.04	<10	5	Sulfur smell brown colour
			2 nd Reading	23.2	7.38	276.6																					
			3 rd Reading	23.2	7.39	276.6																					

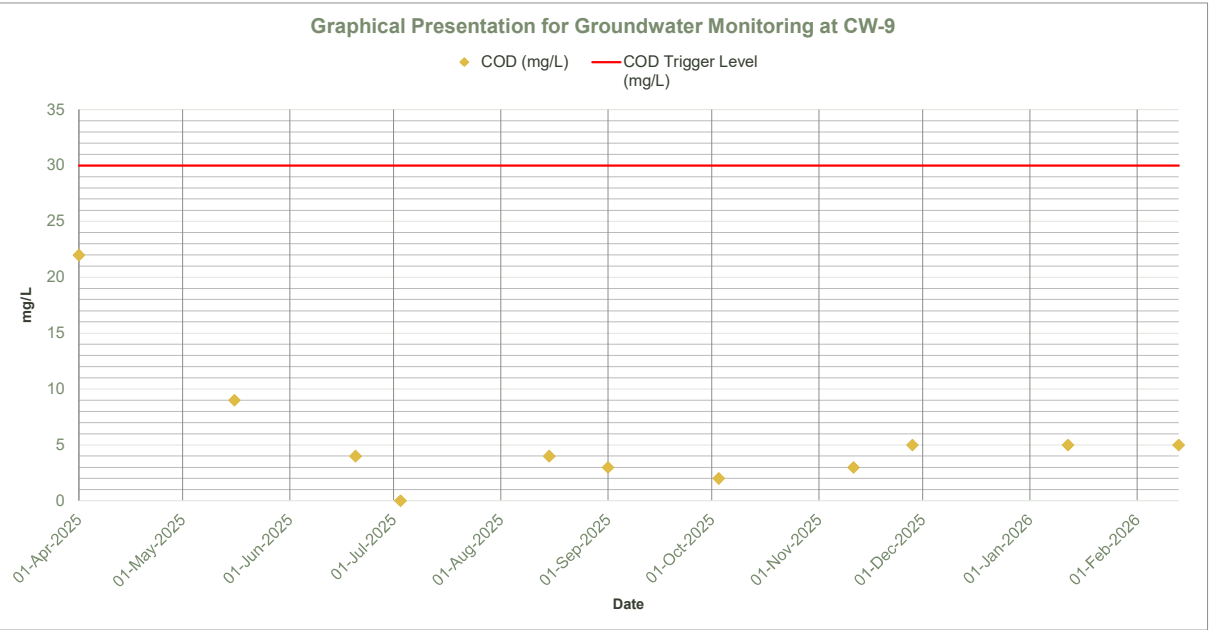
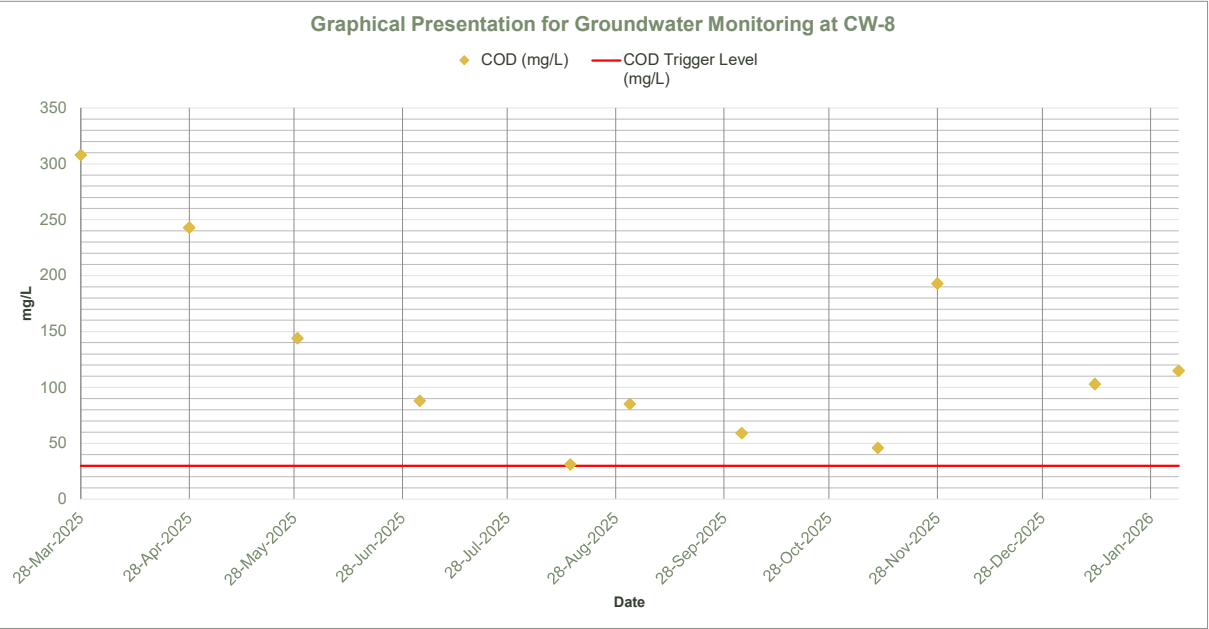
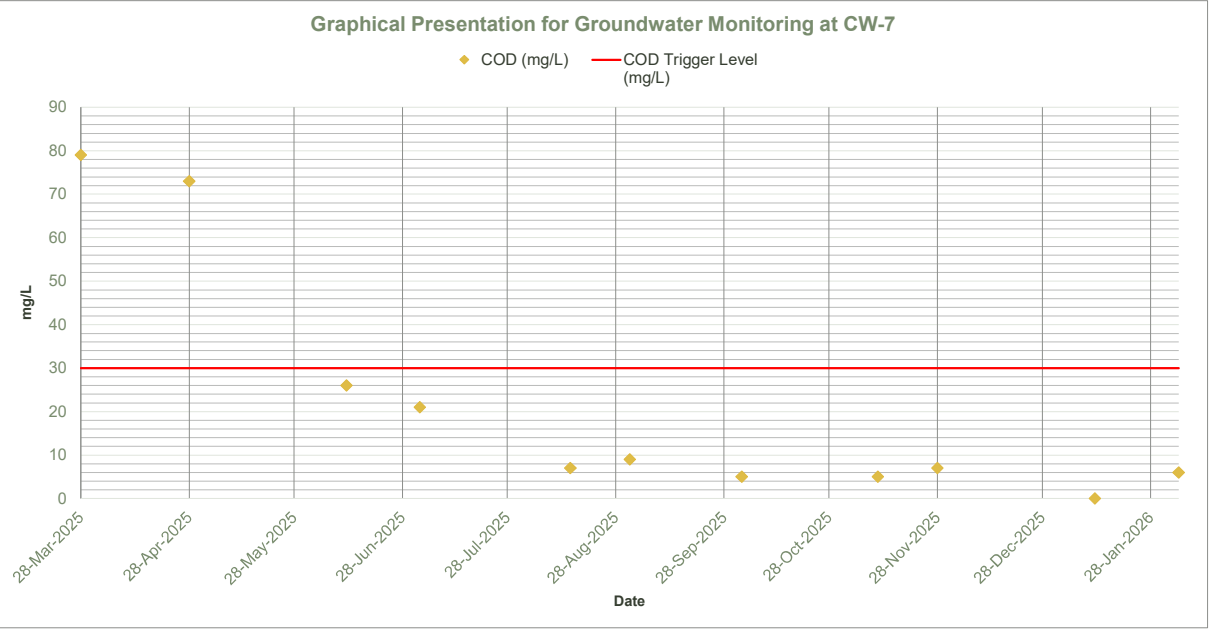
Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)		
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
CW-31	10-Apr-2025	15:44	Sunny	70.77	21.13	49.64	1 st Reading 2 nd Reading 3 rd Reading	26.8 26.6 26.6	26.7	7.90 7.88 7.90	7.89	166.6 189.2 186.4	180.7	32	10	57	1.25	0.01	2.7	51	<2	<0.01	43	0.17	11	3200	Sulfur smell, brown colour	
CW-31	14-May-2025	12:57	Sunny	70.77	21.45	49.32	1 st Reading 2 nd Reading 3 rd Reading	26.7 26.8 26.8	26.8	7.13 7.14 7.17	7.15	199.7 202.5 201.1	201.1	50	21	182	0.72	0.01	1.1	11	<2	<0.01	30	0.12	<10	Not Detected	Sulfur smell grey colour	
CW-31	12-Jun-2025	16:03	Fine	70.77	21.28	49.49	1 st Reading 2 nd Reading 3 rd Reading	27.2 27.2 27.2	27.2	7.21 7.21 7.23	7.22	410.5 410.4 410.7	410.5	18	9	138	0.70	<0.01	1	2	<2	<0.01	29	0.06	<10	Not Detected	Sulfur smell, black colour	
CW-31	22-Jul-2025	12:25	Sunny	70.77	15.16	55.61	1 st Reading 2 nd Reading 3 rd Reading	26.0 25.9 26.0	26	6.82 7.06 6.86	6.91	387.1 378.5 385.4	383.7	13	<2	65	0.02	3.8	0.6	23	<2	<0.01	8	0.05	34	10	Sulfur smell clear water	
CW-31	21-Aug-2025	12:17	Sunny	70.77	17.14	53.63	1 st Reading 2 nd Reading 3 rd Reading	29.1 29.1 29.1	29.1	6.00 6.00 6.00	6	178.5 178.4 178.4	178.4	5	2	81	0.02	1.48	0.6	9	<2	<0.01	8	<0.04	17	4600	Sulfur smell, grey colour	
CW-31	24-Oct-2025	12:06	Sunny	70.77	18.17	52.60	1 st Reading 2 nd Reading 3 rd Reading	22.9 22.9 22.8	22.9	5.93 5.96 5.98	5.96	106.4 106.4 106.4	106.4	8	<2	42	0.04	<0.01	0.2	3	<2	0.01	5	0.36	66	4	Sulfur smell, grey colour	
CW-31	11-Nov-2025	11:18	Sunny	70.77	18.29	52.48	1 st Reading 2 nd Reading 3 rd Reading	23.2 23.3 23.4	23.3	6.69 6.65 6.51	6.62	117.0 116.8 116.6	116.8	6	<2	72	0.04	0.02	0.3	4	<2	<0.01	5	0.24	12	Not Detected	Sulfur smell brown colour	
CW-31	19-Dec-2025	17:02	Sunny	70.77	17.03	53.74	1 st Reading 2 nd Reading 3 rd Reading	22.6 22.6 22.6	22.6	6.10 6.11 6.12	6.11	164.1 164.0 164.0	164.0	3	<2	58	0.03	<0.01	0.1	3	<2	<0.01	5	0.51	<10	15	Sulfur smell, grey colour	
CW-31	12-Jan-2026	15:58	Sunny	70.77	19.46	51.31	1 st Reading 2 nd Reading 3 rd Reading	22.1 22.0 22.0	22	10.30 10.27 10.25	10.27	263.2 263.1 263.0	263.1	3	<2	2	0.08	<0.01	0.4	2	<2	0.02	5	0.14	<10	Not Detected	Sulfur smell, clear water	
CW-31	13-Feb-2026	15:04	Sunny	70.77	21.48	49.29	1 st Reading 2 nd Reading 3 rd Reading	22.2 22.2 22.2	22.2	7.67 7.67 7.68	7.67	344.2 344.3 344.3	344.3	8	<2	818	0.03	0.16	0.3	3	<2	<0.01	4	<0.04	15	4	Sulfur smell, clear water	
CW-32	29-Apr-2025	12:49	Cloudy	95.47	30.74	64.73	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.9	24.8	7.05 7.09 7.09	7.08	337.3 336.8 336.7	336.9	46	18	140	0.48	0.01	10.6	27	<2	<0.01	18	1.9	<10	Not Detected	Sulfur smell, grey colour	
CW-32	25-Jun-2025	15:01	Fine	95.47	18.53	76.94	1 st Reading 2 nd Reading 3 rd Reading	23.5 23.7 23.8	23.7	7.15 7.16 7.16	7.16	399.5 399.6 354.4	384.5	60	9	108	0.20	0.02	5.9	6	<2	<0.01	7	5.66	<10	230	Sulfur smell, brown colour	
CW-32	22-Jul-2025	12:54	Sunny	95.47	16.60	78.87	1 st Reading 2 nd Reading 3 rd Reading	27.2 27.2 27.2	27.2	6.68 6.68 6.68	6.68	301.0 301.5 301.7	301.4	46	3	178	0.13	<0.01	4.7	7	<2	<0.01	5	1.07	<10	83	Sulfur smell brown colour	
CW-32	21-Aug-2025	12:34	Sunny	95.47	14.76	80.71	1 st Reading 2 nd Reading 3 rd Reading	27.5 27.4 27.4	27.4	6.89 6.90 6.90	6.9	282.5 282.4 282.0	282.3	20	5	94	0.10	0.02	2.7	4	<2	<0.01	5	2.24	<10	2300	Sulfur smell, black colour	
CW-32	01-Sep-2025	16:07	Sunny	95.47	15.93	79.54	1 st Reading 2 nd Reading 3 rd Reading	27.6 27.6 27.6	27.6	6.64 6.64 6.64	6.64	300.2 300.1 300.0	300.1	23	3	71	0.14	<0.01	2.1	5	<2	0.04	5	2.58	<10	36	Sulfur smell, black colour	
CW-32	27-Oct-2025	12:53	Sunny	95.47	13.28	82.19	1 st Reading 2 nd Reading 3 rd Reading	26.2 26.2 26.3	26.2	6.42 6.40 6.38	6.4	170.2 170.2 170.3	170.2	8	<2	75	0.02	0.08	<0.1	6	<2	0.03	8	<0.04	11	2	Sulfur smell, black colour	
CW-32	02-Dec-2025	14:45	Sunny	95.47	13.23	82.24	1 st Reading 2 nd Reading 3 rd Reading	26.8 26.8 26.8	26.8	7.52 7.51 7.51	7.51	137.9 137.9 137.9	137.9	4	<2	194	0.04	0.03	0.2	6	<2	<0.01	6	0.39	<10	11	Sulfur smell brown colour	
CW-33	26-May-2025	16:43	Fine	108.05	18.98	89.07	1 st Reading 2 nd Reading 3 rd Reading	26.6 26.6 26.7	26.6	7.58 7.60 7.64	7.61	265.7 265.3 265.6	265.5	24	13	395	0.11	<0.01	0.5	11	<2	<0.01	7	<0.04	<10	Not Detected	Sulfur smell brown colour	
CW-33	22-Jul-2025	17:02	Sunny	108.05	6.05	102.00	1 st Reading 2 nd Reading 3 rd Reading	26.6 26.9 27.0	26.8	9.38 9.34 9.36	9.36	168.0 160.7 167.3	165.3	12	<2	390	0.03	0.71	0.4	16	<2	0.01	5	0.1	<10	12	Sulfur smell brown colour	
CW-33	08-Aug-2025	10:28	Sunny	108.05	2.00	106.05	1 st Reading 2 nd Reading 3 rd Reading	27.7 27.8 27.8	27.8	6.74 6.76 6.77	6.76	109.9 110.0 110.0	110.0	4	<2	231	0.02	1.2	0.4	6	<2	<0.01	5	0.15	<10	180	Sulfur smell brown colour	
CW-33	29-Aug-2025	11:53	Sunny	108.05	3.70	104.35	1 st Reading 2 nd Reading 3 rd Reading	27.6 27.5 27.5	27.5	6.79 6.80 6.80	6.8	124.5 129.3 128.7	127.5	10	<2	465	0.03	1.31	0.3	8	<2	<0.01	6	0.11	<10	2700	Sulfur smell, brown colour	
CW-33	27-Oct-2025	12:54	Sunny	108.05	8.60	99.45	1 st Reading 2 nd Reading 3 rd Reading	26.0 25.7 25.7	25.8	6.42 6.43 6.44	6.43	179.3 180.6 180.7	180.2	15	<2	456	0.01	0.06	0.2	19	<2	<0.01	12	0.26	18	3	Sulfur smell, brown colour	
CW-33	25-Nov-2025	12:06	Sunny	108.05	8.60	99.45	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.0 25.0	25	7.18 7.06 7.04	7.09	154.8 154.8 154.7	154.8	21	4	889	0.01	<0.01	0.2	<1	<2	<0.01	7	<0.04	<10	Not Detected	Sulfur smell, grey colour	
CW-33	02-Dec-2025	14:25	Sunny	108.05	8.78	99.27	1 st Reading 2 nd Reading 3 rd Reading	26.7 26.7 26.7	26.7	7.48 7.48 7.48	7.48	211.6 211.6 211.6	211.6	20	5	1660	0.08	<0.01	0.2	2	<2	<0.01	10	0.11	32	47	Sulfur smell brown colour	
CW-33	27-Jan-2026	15:00	Sunny	108.05	26.23	81.82	1 st Reading 2 nd Reading 3 rd Reading	26.0 26.0 26.0	26	7.88 7.88 7.89	7.88	215.6 215.6 215.6	215.6	18	3	2050	0.07	<0.01	<0.1	3	<2	<0.01	6	0.06	<10	1400	Sulfur smell black colour	
CW-33	04-Feb-2026	13:06	Sunny	108.05	11.30	96.75	1 st Reading 2 nd Reading 3 rd Reading	19.5 19.5 19.6	19.5	7.88 7.89 7.90	7.89	197.4 197.4 197.3	197.4	12	2	1360	0.04	0.01	0.2	1	<2	<0.01	6	<0.04	<10	68	Sulfur smell black colour	

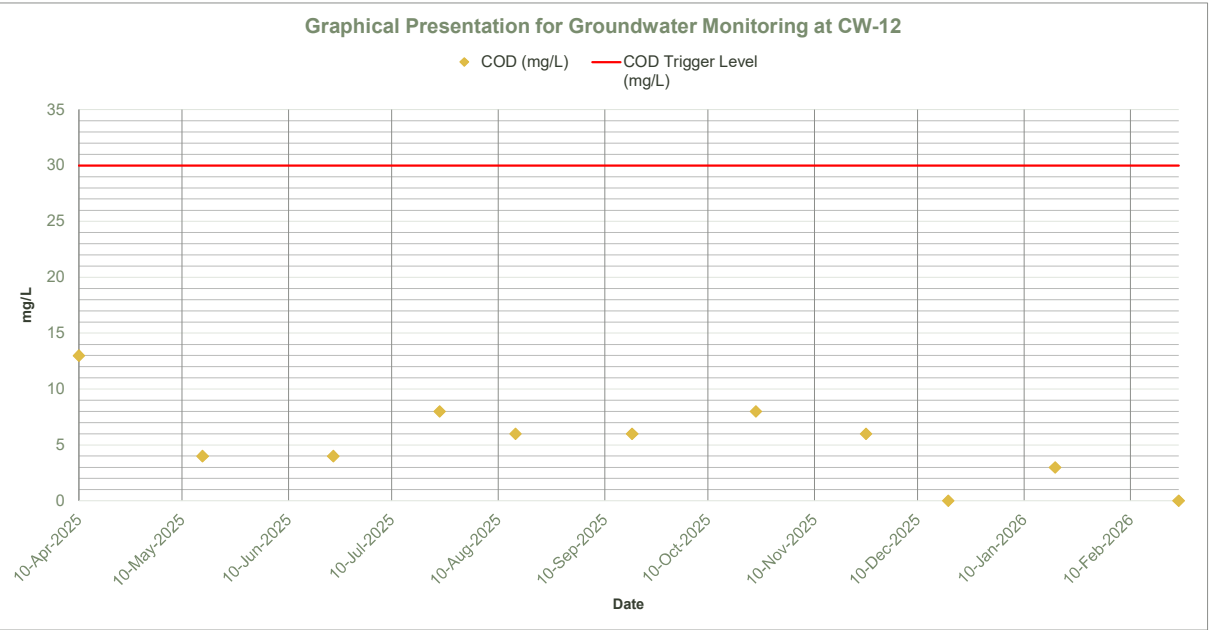
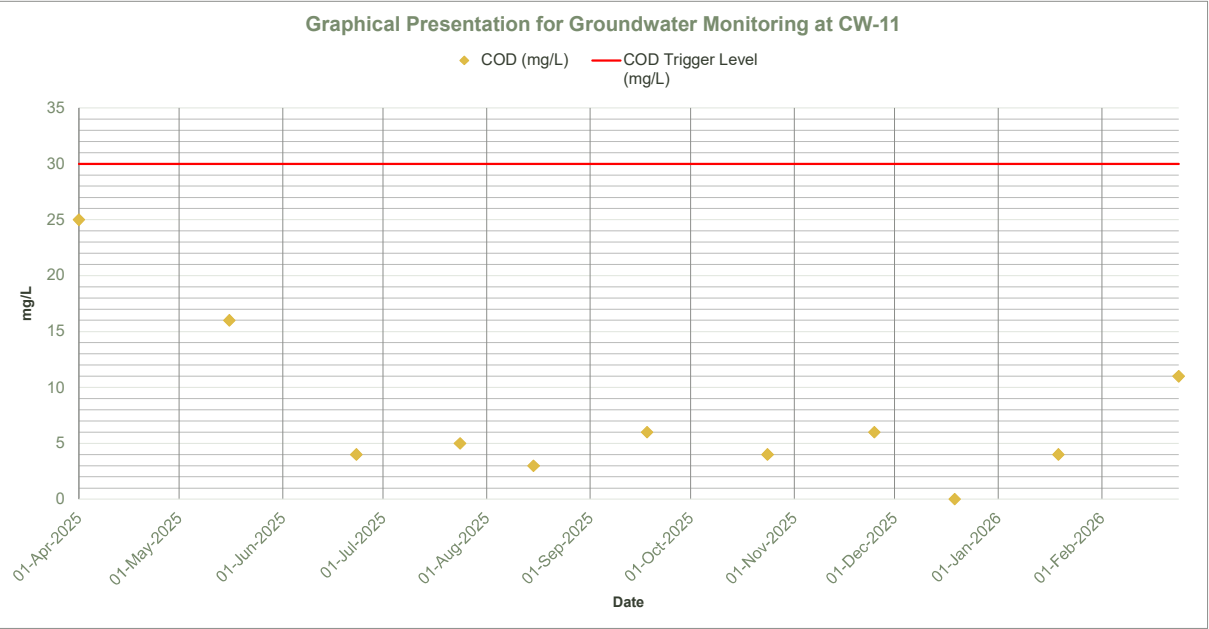
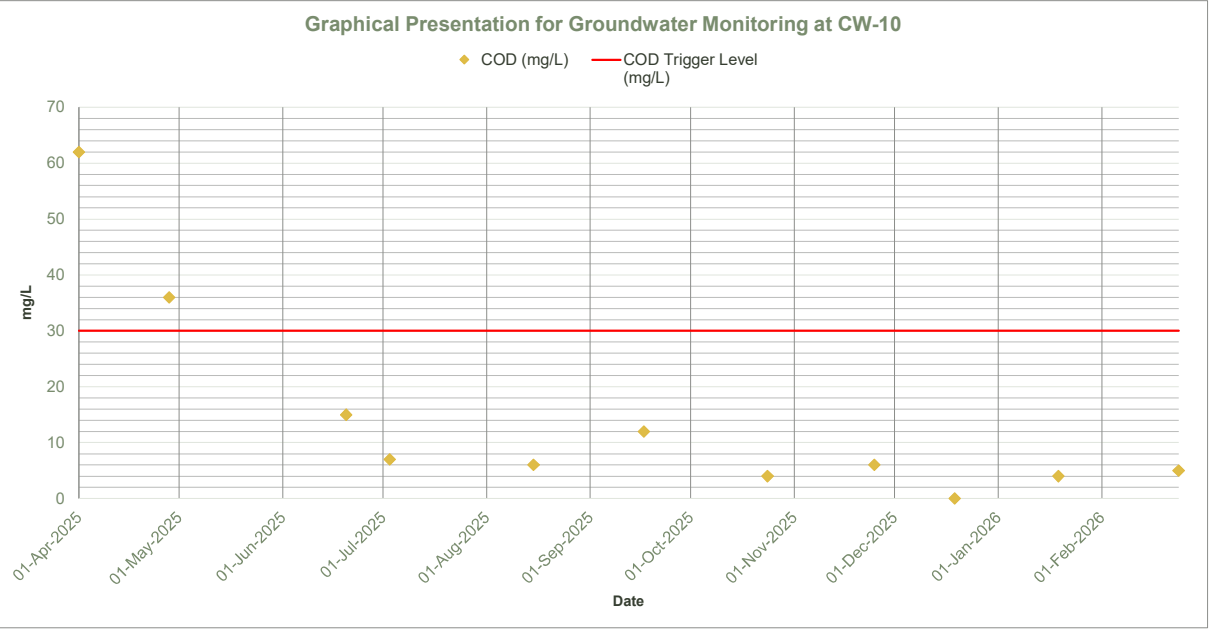
Monitoring Location(s)	Date (DD-MMM-YYYY)	Time	Weather Condition	Ground Elevation (mPD), [A]	Depth to Groundwater Level from Ground Elevation (m), [B]	Ground Water Elevation (mPD), [C] = [A] - [B]		In-situ Monitoring						Monitoring Parameter(s)														Remarks (Sample Observation)
								Temperature (°C)		pH		Electrical Conductivity (mS/cm)		COD (mg/L) ⁽¹⁾	BOD ₅ (mg/L)	Suspended Solids (mg/L)	Ammonia- nitrogen (mg/L)	Nitrate (mg/L)	TKN (mg/L)	Sulphate (mg/L)	Sulphite (mg/L)	Phosphate (mg/L)	Chloride (mg/L)	Iron (mg/L)	Zinc (mg/L)	Coliform Count (CFU/100mL)		
								Value	Average	Value	Average	Value	Average	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	Value	
CW-34	28-Mar-2025	12:57	Sunny	124.08	15.70	108.38	1 st Reading 2 nd Reading 3 rd Reading	25.0 25.3 25.1	25.1	6.90 6.92 6.95	6.92	259.8 259.2 260.2	259.7	28	15	22	0.06	<0.01	0.3	4	<2	<0.01	7	<0.04	13	60	Sulfur smell, clear water	
CW-34	28-Apr-2025	13:08	Cloudy	124.08	15.73	108.35	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.6 24.5		24.6	6.74 6.70 6.69	6.71	299.8 300.4 298.6	299.6	6	<2	75	0.05	0.04	0.2	4	<2	<0.01	5	0.04	<10	Not Detected	Sulfur smell clear water
CW-34	03-Jun-2025	16:20	Fine	124.08	15.69	108.39	1 st Reading 2 nd Reading 3 rd Reading	24.8 24.8 24.8			24.8	6.45 6.45 6.45	6.45	247.3 247.4 247.6	247.4	4	2	144	0.05	0.05	0.4	6	<2	<0.01	6	<0.04	<10	22000
CW-34	02-Jul-2025	13:40	Sunny	124.08	15.43	108.65	1 st Reading 2 nd Reading 3 rd Reading	27.8 27.9 27.9	27.9			6.80 6.79 6.80	6.8	304.8 301.6 302.6	303.0	11	<2	312	0.09	0.09	0.3	8	<2	<0.01	4	<0.04	<10	120
CW-34	08-Aug-2025	10:53	Sunny	124.08	12.80	111.28	1 st Reading 2 nd Reading 3 rd Reading	27.2 27.3 27.2		27.2		7.00 6.78 6.86	6.88	114.7 115.0 114.8	114.8	6	<2	157	0.02	0.73	0.3	7	<2	<0.01	4	0.09	11	16
CW-34	29-Aug-2025	12:18	Sunny	124.08	13.54	110.54	1 st Reading 2 nd Reading 3 rd Reading	27.3 27.4 27.3			27.3	6.83 6.83 6.85	6.84	154.5 153.0 154.6	154.0	4	<2	212	0.04	0.98	<0.1	4	<2	<0.01	4	<0.04	15	Not Detected
CW-34	27-Oct-2025	12:40	Sunny	124.08	14.52	109.56	1 st Reading 2 nd Reading 3 rd Reading	25.3 25.1 25.1	25.2			6.52 6.49 6.47	6.49	138.9 139.5 139.9	139.4	13	<2	462	0.02	0.36	<0.1	4	<2	0.04	5	1.06	<10	4
CW-34	25-Nov-2025	12:18	Sunny	124.08	13.14	110.94	1 st Reading 2 nd Reading 3 rd Reading	23.3 23.2 23.1		23.2		6.22 6.02 6.02	6.09	74.2 74.5 74.8	74.5	23	<2	1190	0.08	0.35	0.4	7	<2	<0.01	4	<0.04	11	Not Detected
CW-34	27-Jan-2026	14:19	Sunny	124.08	26.49	97.59	1 st Reading 2 nd Reading 3 rd Reading	25.8 26.1 26.1			26	7.88 7.78 7.60	7.75	99.2 98.7 98.8	98.8	10	<2	677	0.04	0.43	0.1	5	<2	<0.01	5	0.35	37	Not Detected
CW-34	04-Feb-2026	12:47	Sunny	124.08	14.36	109.72	1 st Reading 2 nd Reading 3 rd Reading	15.6 15.6 15.7	15.6			8.26 8.20 8.15	8.2	73.2 73.3 73.2	73.2	6	<2	219	0.08	0.72	0.3	5	<2	<0.01	6	0.05	29	35
CW-35	28-Mar-2025	13:17	Sunny	127.35	11.90	115.45	1 st Reading 2 nd Reading 3 rd Reading	24.3 24.6 24.3		24.4		6.94 6.96 6.99	6.96	364.2 365.6 365.3	365.0	403	37	842	0.05	<0.01	51.1	10	<2	<0.01	24	0.21	<10	51
CW-35	28-Apr-2025	13:24	Cloudy	127.35	12.20	115.15	1 st Reading 2 nd Reading 3 rd Reading	24.6 24.4 24.3			24.4	7.02 6.99 6.99	7.00	265.7 269.0 264.4	266.4	69	14	494	0.06	<0.01	26.3	13	<2	0.01	14	0.97	<10	Not Detected
CW-35	29-May-2025	14:38	Rainy	127.35	10.50	116.85	1 st Reading 2 nd Reading 3 rd Reading	24.1 23.6 24.0	23.9			7.68 7.66 7.63	7.66	210.4 216.6 232.8	219.9	322	22	746	0.15	<0.01	30.7	24	<2	<0.01	14	3.74	<10	Not Detected
CW-35	02-Jul-2025	13:17	Sunny	127.35	10.61	116.74	1 st Reading 2 nd Reading 3 rd Reading	27.6 27.8 27.8		27.7		6.99 6.98 6.97	6.98	580.0 539.0 594.0	571.0	185	6	597	0.23	<0.01	4.8	20	<2	<0.01	14	0.25	<10	230
CW-35	08-Aug-2025	12:52	Sunny	127.35	7.54	119.81	1 st Reading 2 nd Reading 3 rd Reading	27.6 27.5 27.5			27.5	6.46 6.42 6.40	6.43	745.0 739.7 742.8	742.5	8	<2	35	0.07	0.5	1.3	101	<2	<0.01	17	1.23	29	Not Detected
CW-35	29-Aug-2025	12:33	Sunny	127.35	11.08	116.27	1 st Reading 2 nd Reading 3 rd Reading	27.7 27.6 27.7	27.7			6.43 6.44 6.43	6.43	688.2 692.8 684.5	688.5	16	<2	64	0.12	<0.01	0.8	133	<2	<0.01	17	0.15	<10	Not Detected
CW-35	27-Oct-2025	12:57	Sunny	127.35	10.50	116.85	1 st Reading 2 nd Reading 3 rd Reading	24.3 24.3 24.3		24.3		6.17 6.17 6.18	6.17	986.0 986.0 986.0	986.0	17	4	76	0.14	<0.01	0.3	188	<2	0.06	18	9.27	<10	2
CW-35	04-Nov-2025	14:37	Sunny	127.35	11.12	116.23	1 st Reading 2 nd Reading 3 rd Reading	22.1 22.1 22.1			22.1	6.55 6.42 6.41	6.46	897.0 898.0 899.0	898.0	16	3	90	0.12	<0.01	1.0	174	<2	<0.01	17	5.13	<10	23
CW-35	02-Dec-2025	14:09	Sunny	127.35	13.3	114.05	1 st Reading 2 nd Reading 3 rd Reading	25.7 25.7 25.7	25.7			7.12 7.11 7.10	7.11	852.0 852.0 852.0	852.0	43	6	397	0.20	<0.01	13.5	119	<2	<0.01	25	5.14	<10	8
CW-35	07-Jan-2026	14:08	Sunny	127.35	11.38	115.97	1 st Reading 2 nd Reading 3 rd Reading	20.6 20.6 20.6		20.6		6.95 6.94 6.93	6.94	828.0 828.0 828.0	828.0	15	3	58	0.15	0.01	1.7	136	<2	0.02	20	0.43	<10	460
CW-35	04-Feb-2026	13:29	Sunny	127.35	11.86	115.49	1 st Reading 2 nd Reading 3 rd Reading	14.9 15.0 15.0			15	6.99 6.99 6.99	6.99	864.0 864.0 864.0	864.0	16	<2	102	0.12	<0.01	2.3	135	<2	0.02	21	4.31	<10	40

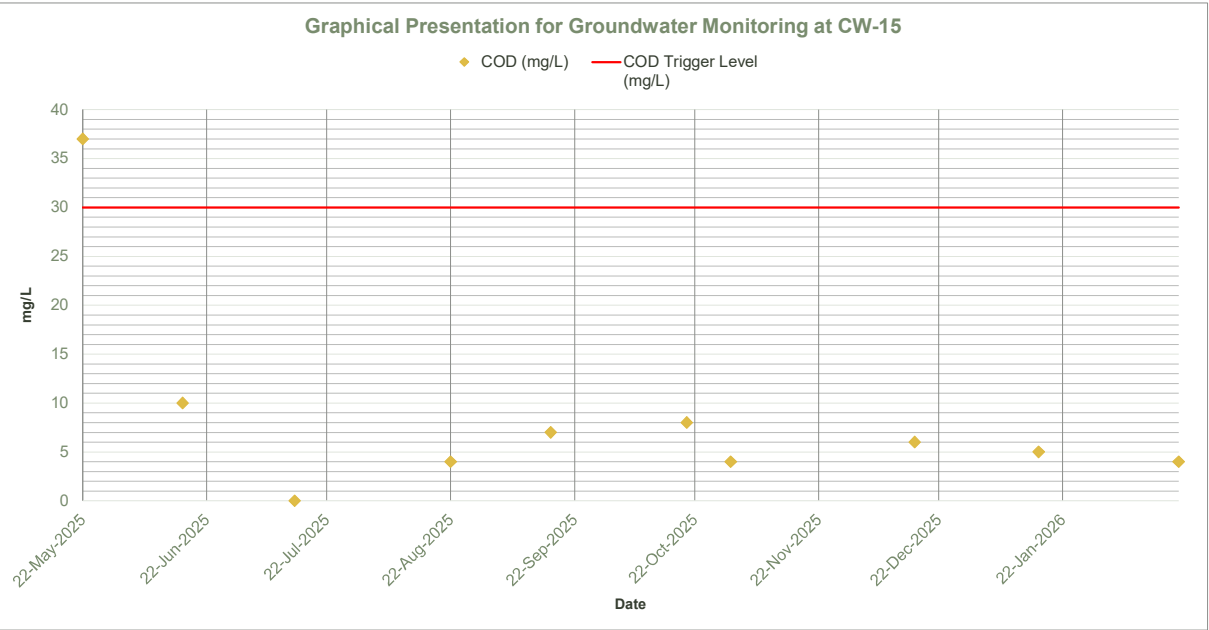
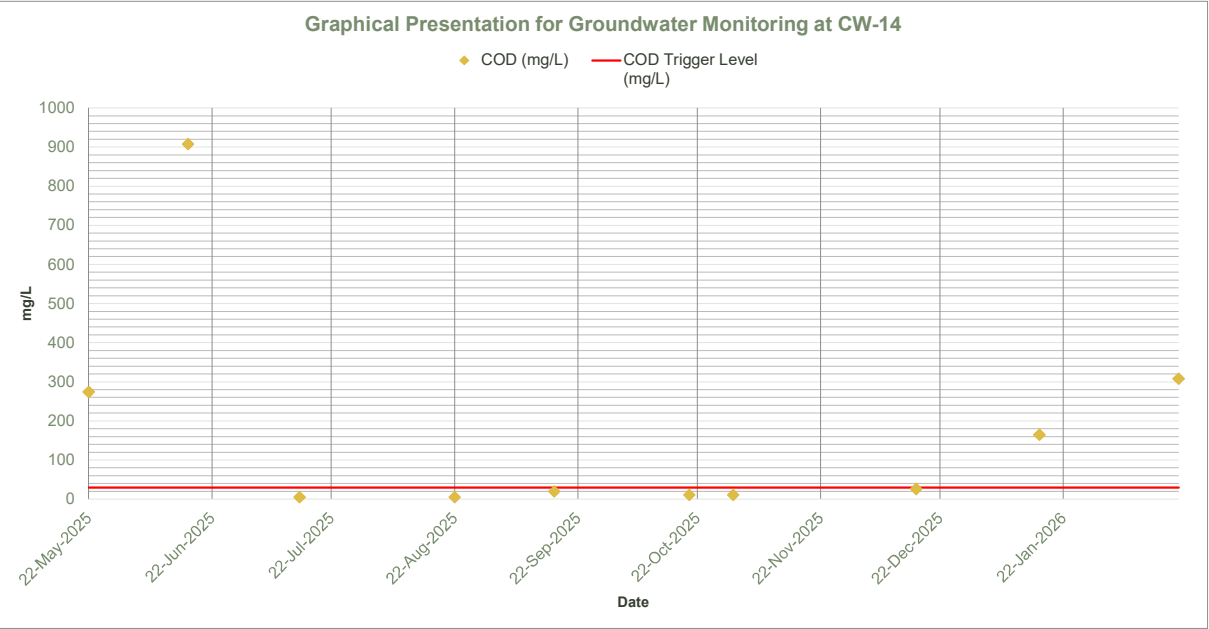
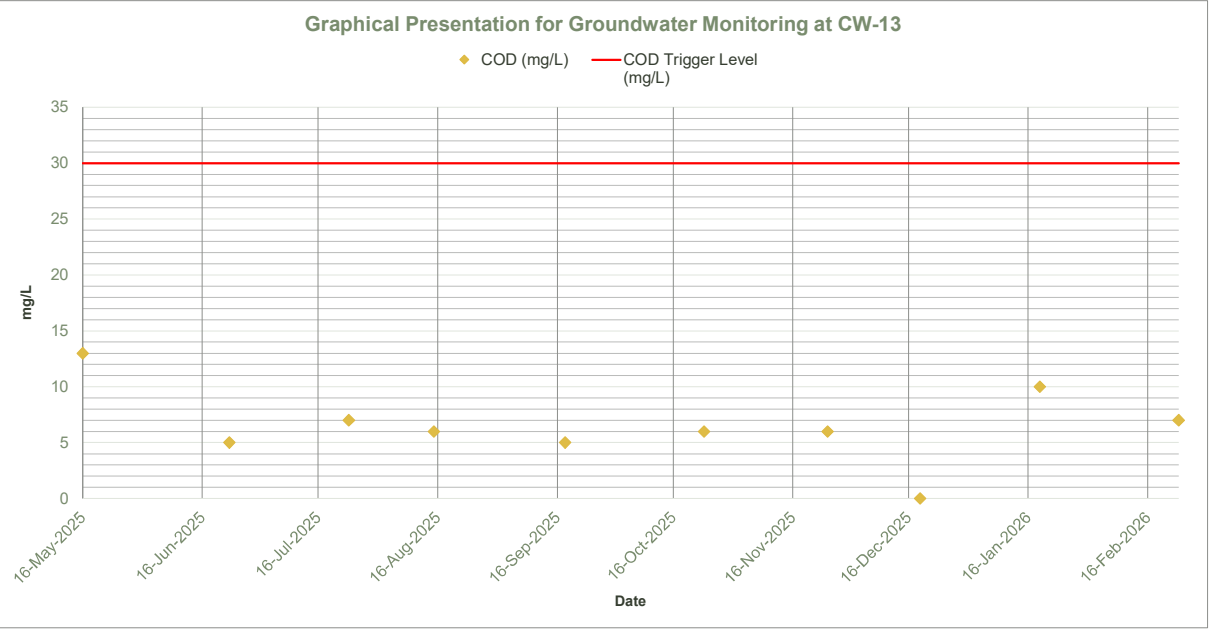
Appendix 5.3
Graphical Presentation for Baseline Water Quality
(Groundwater) Monitoring

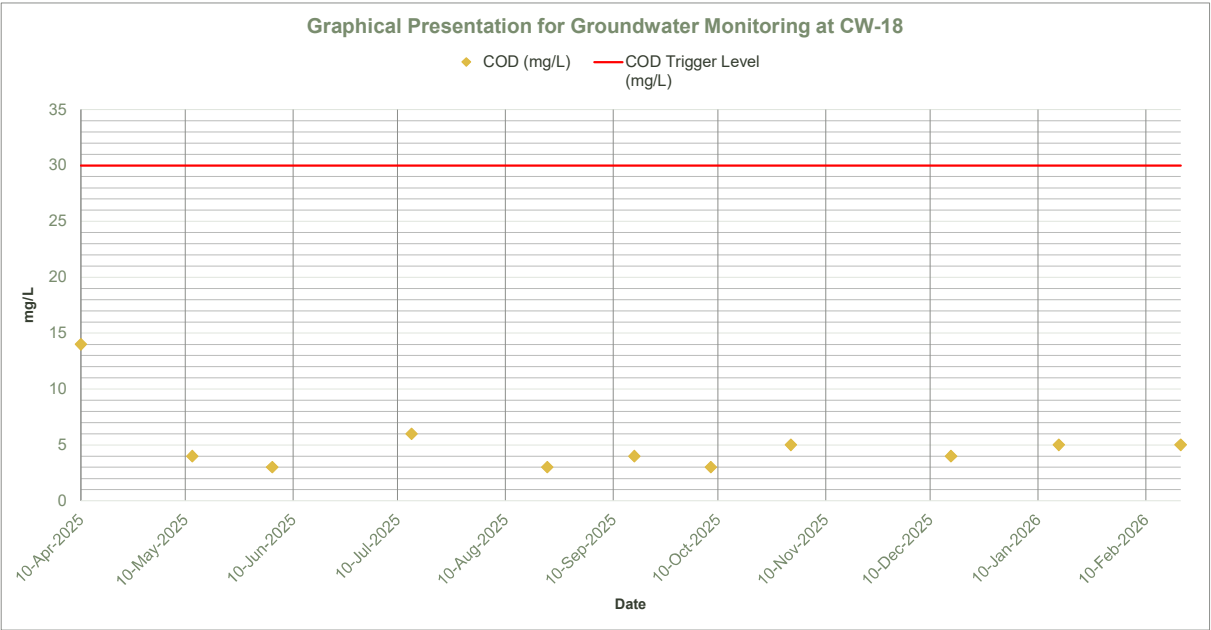
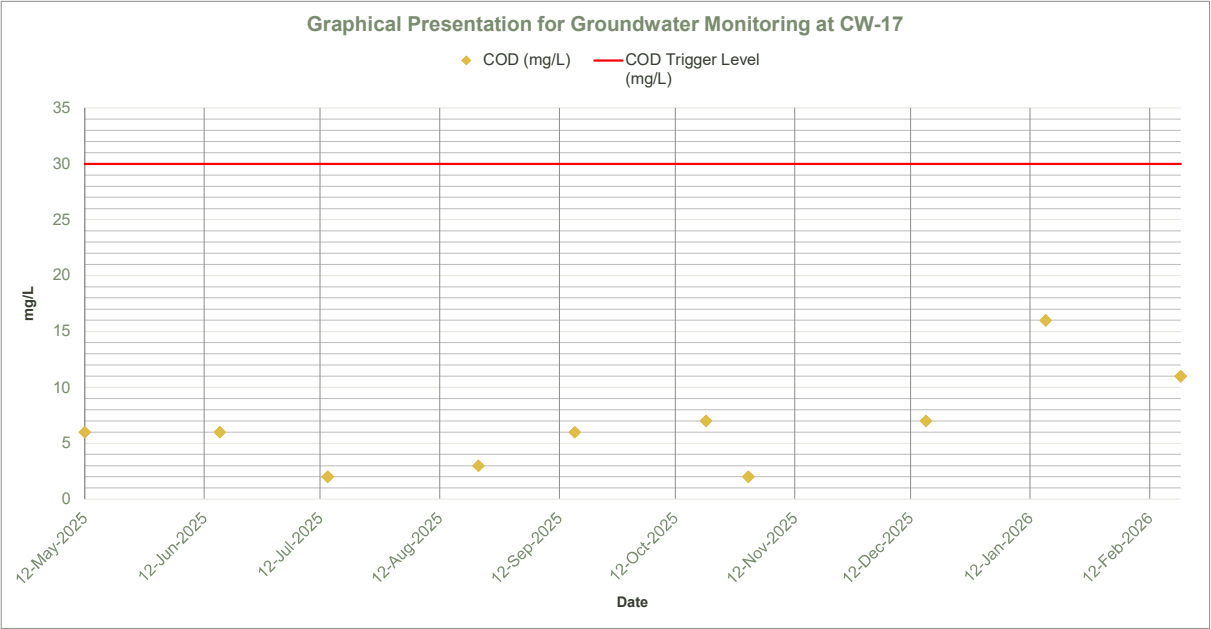
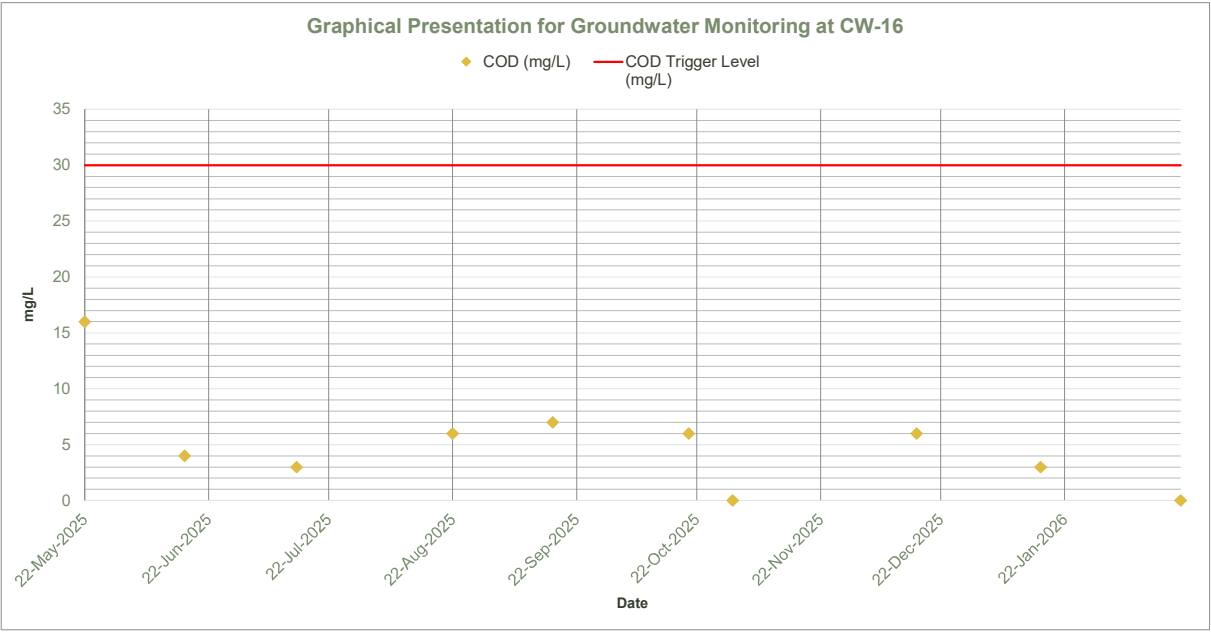


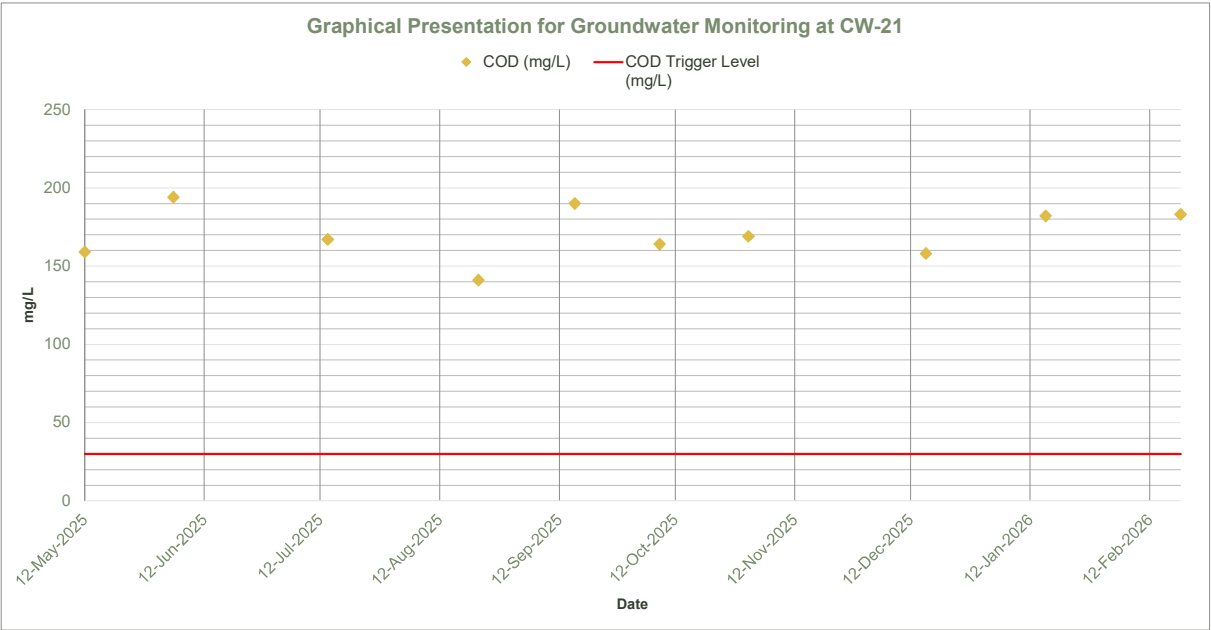
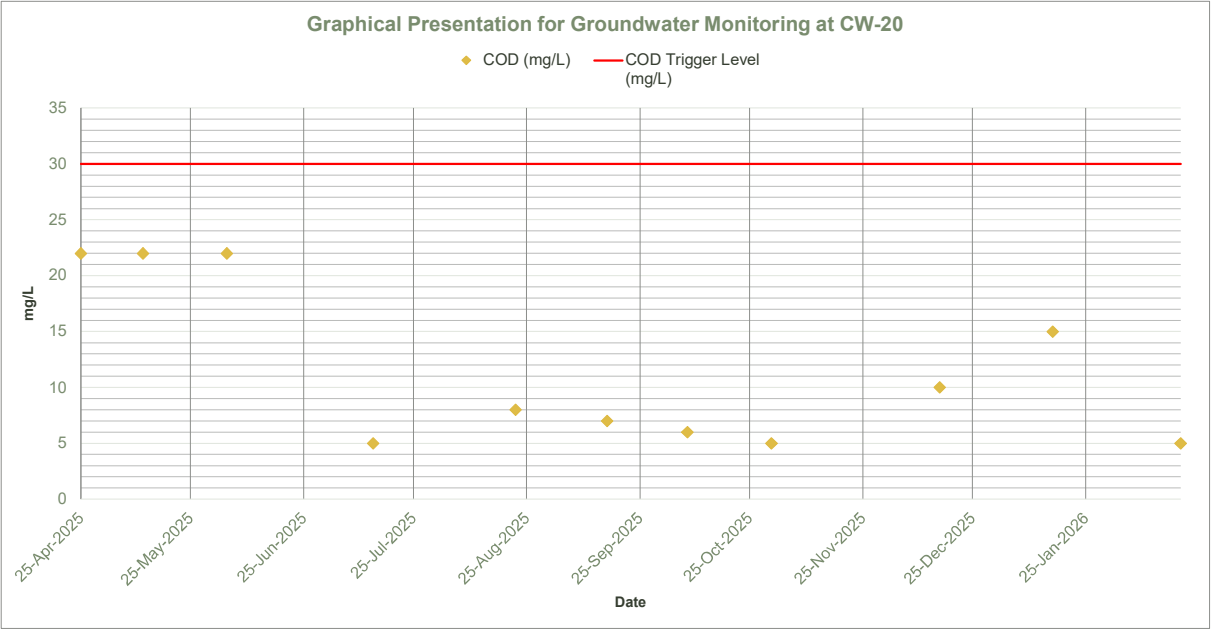
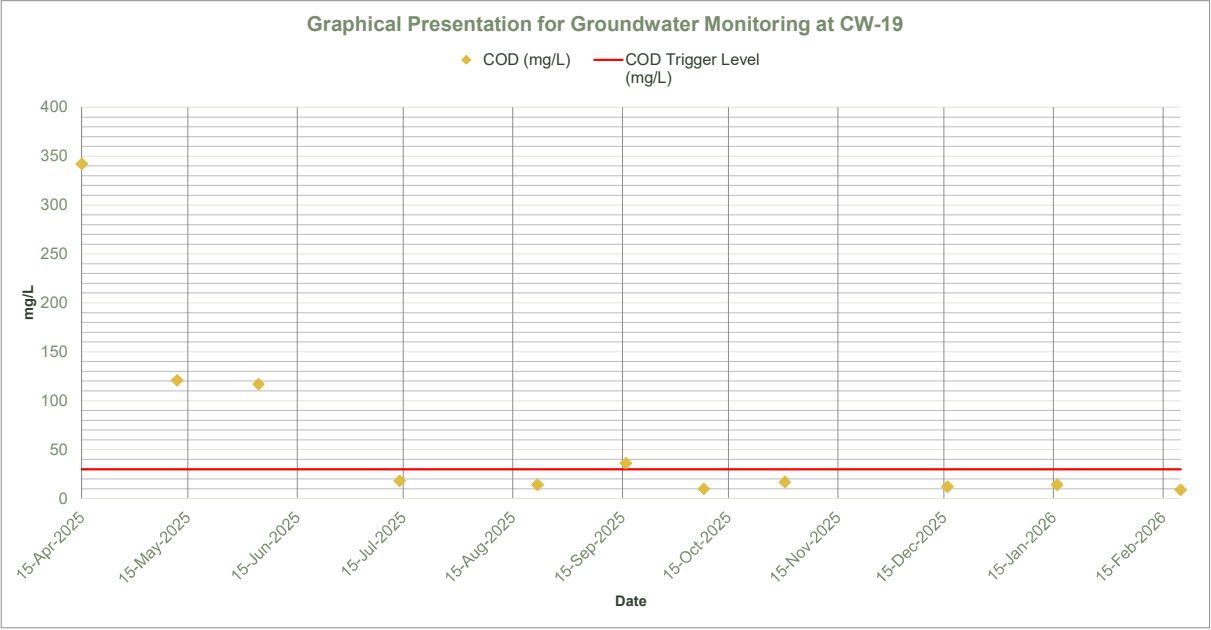


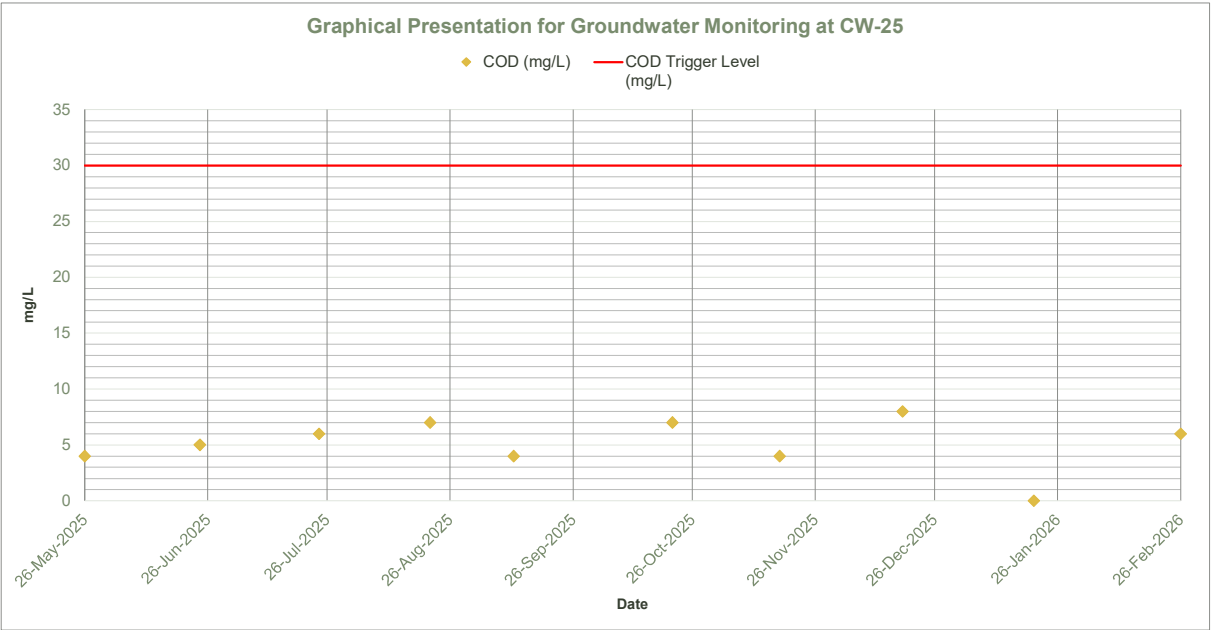
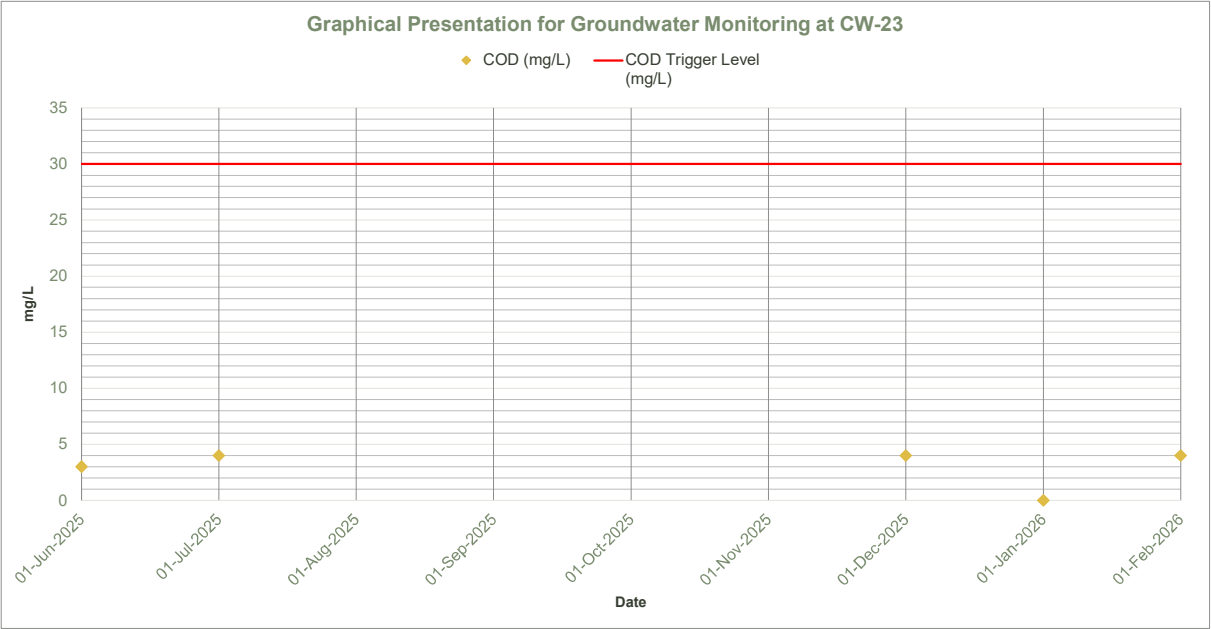
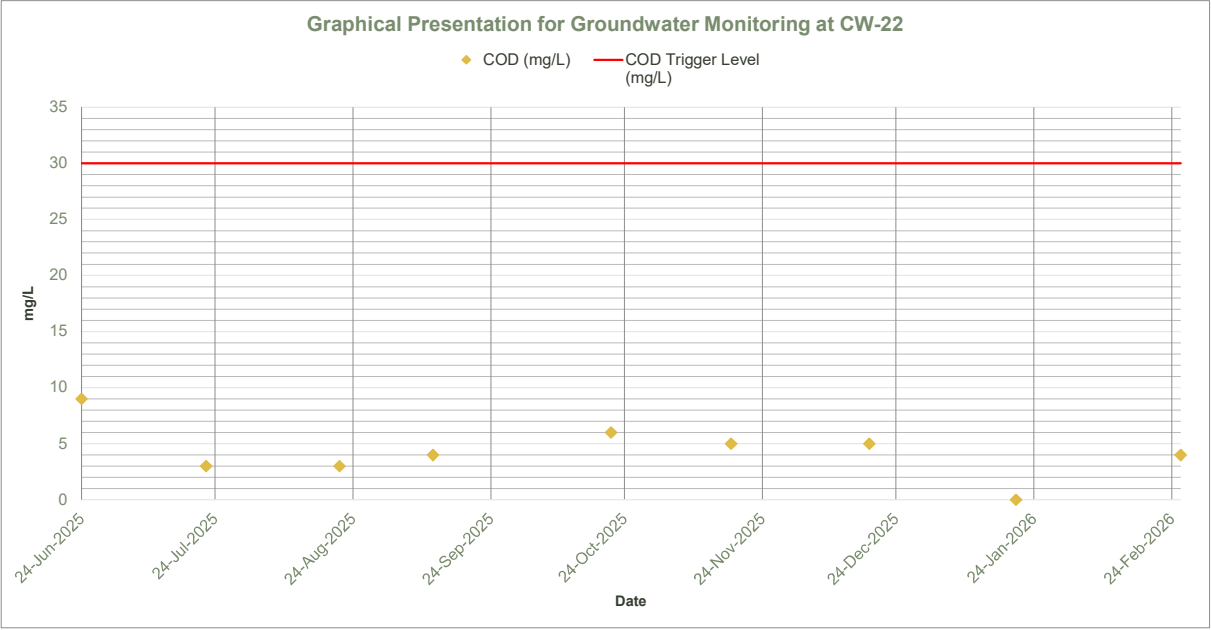


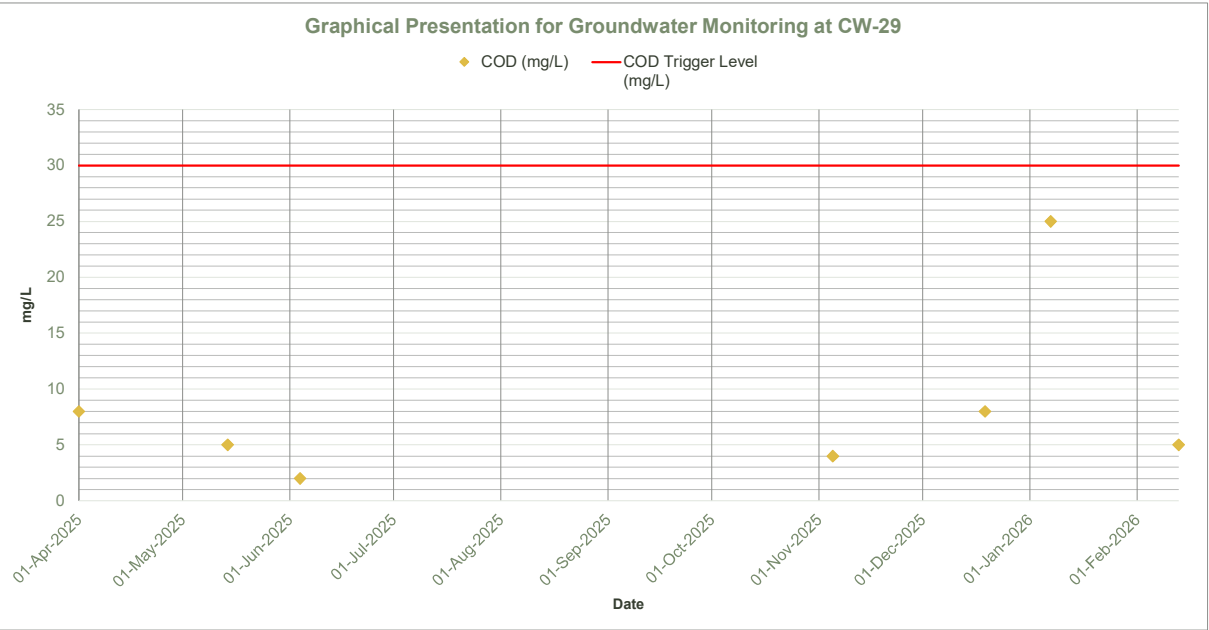
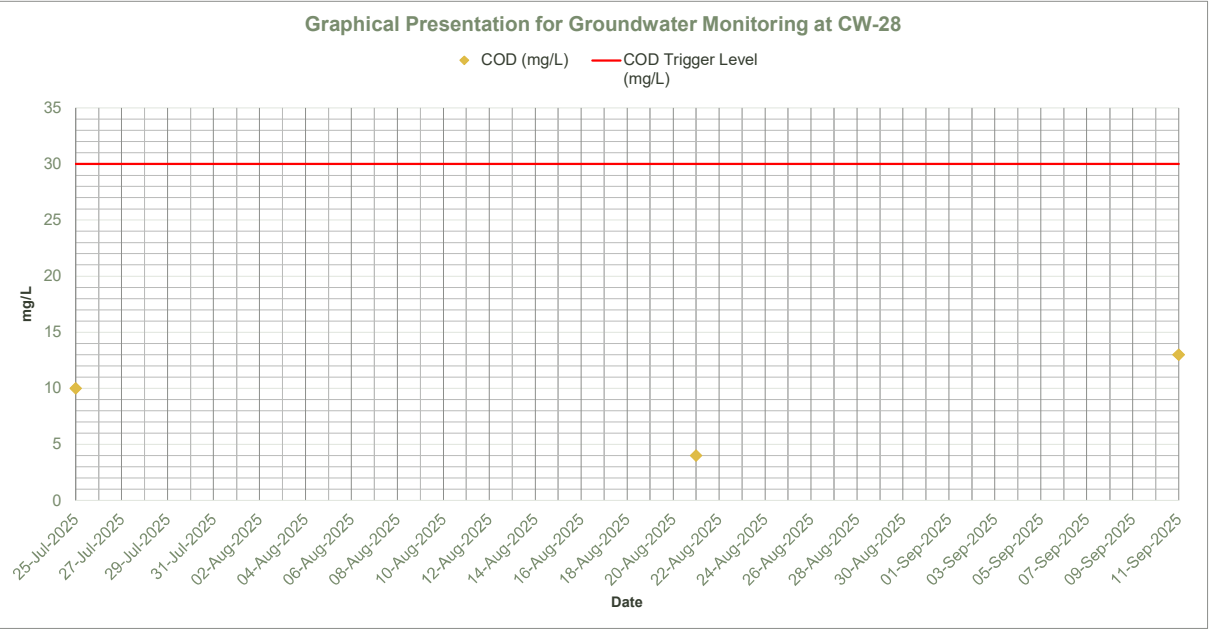
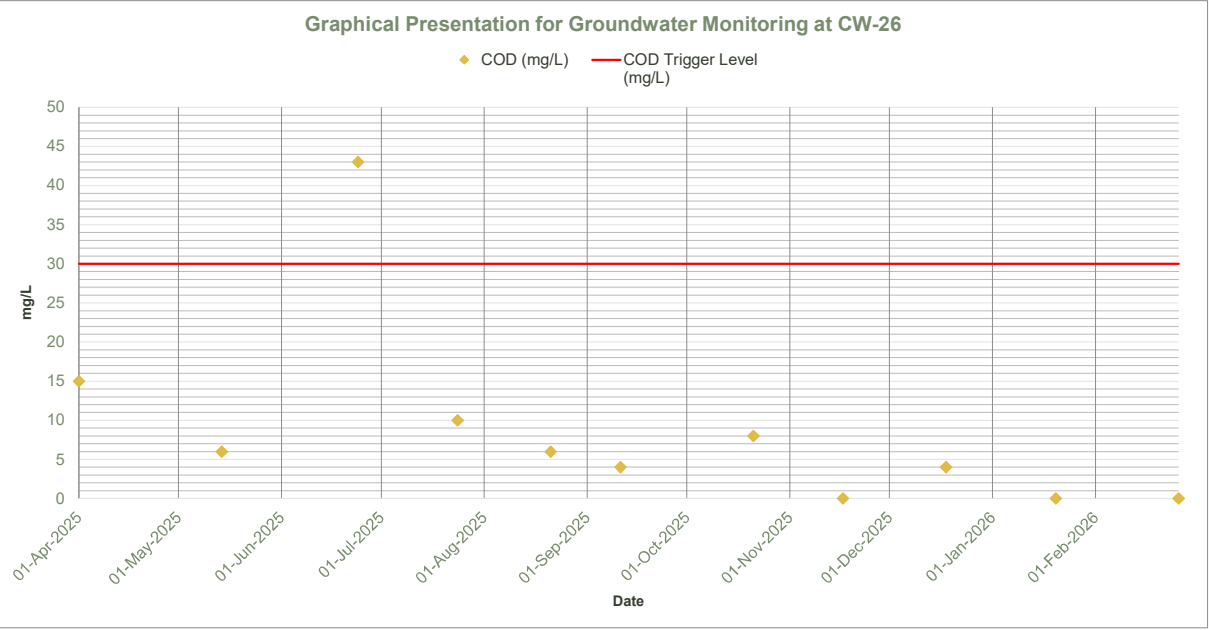


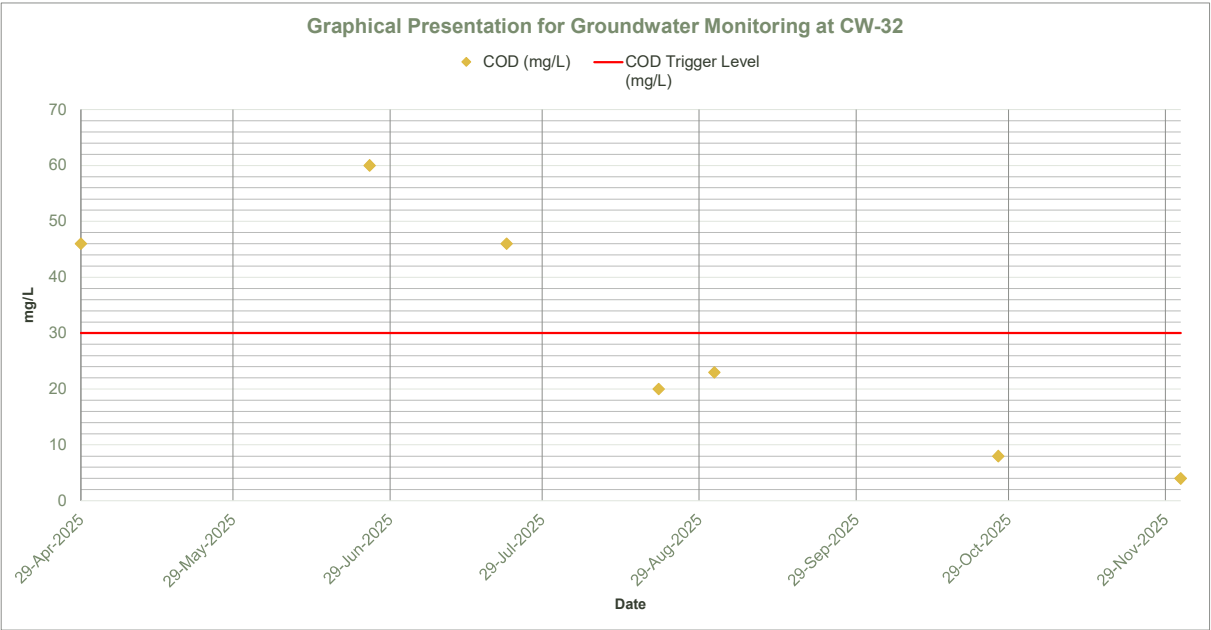
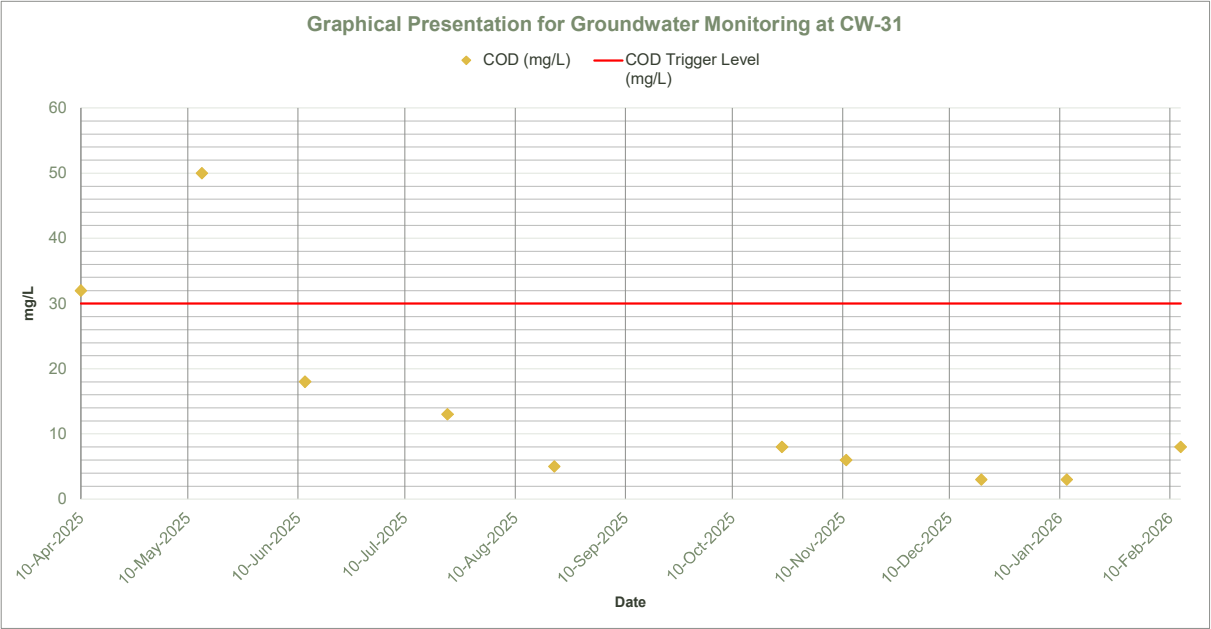
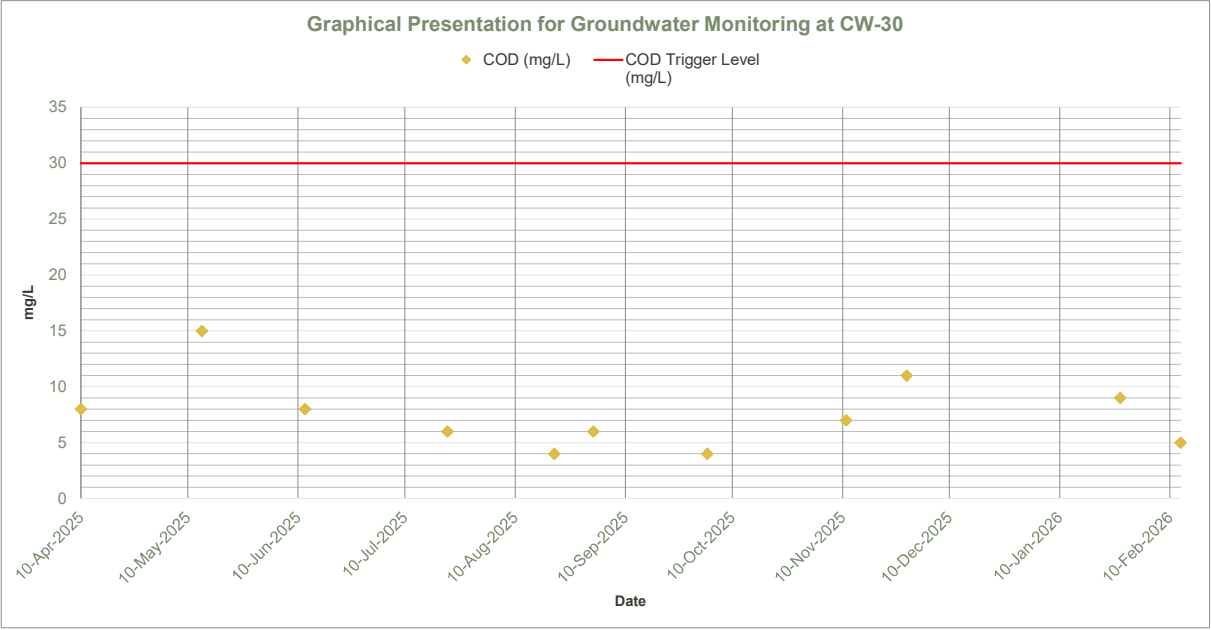


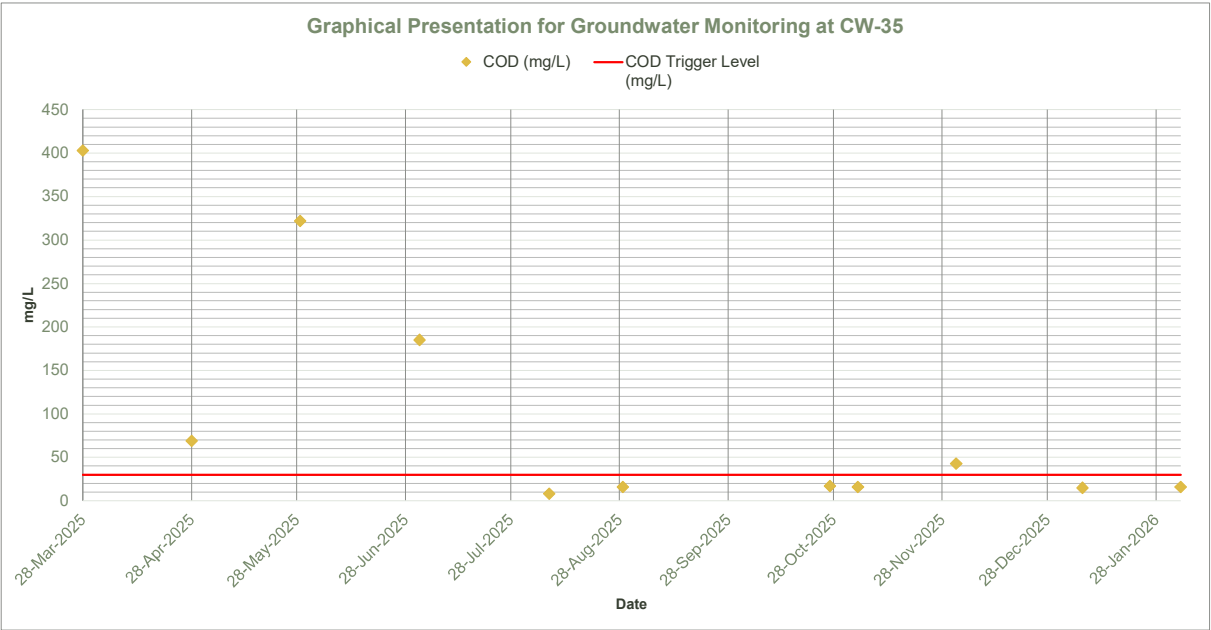
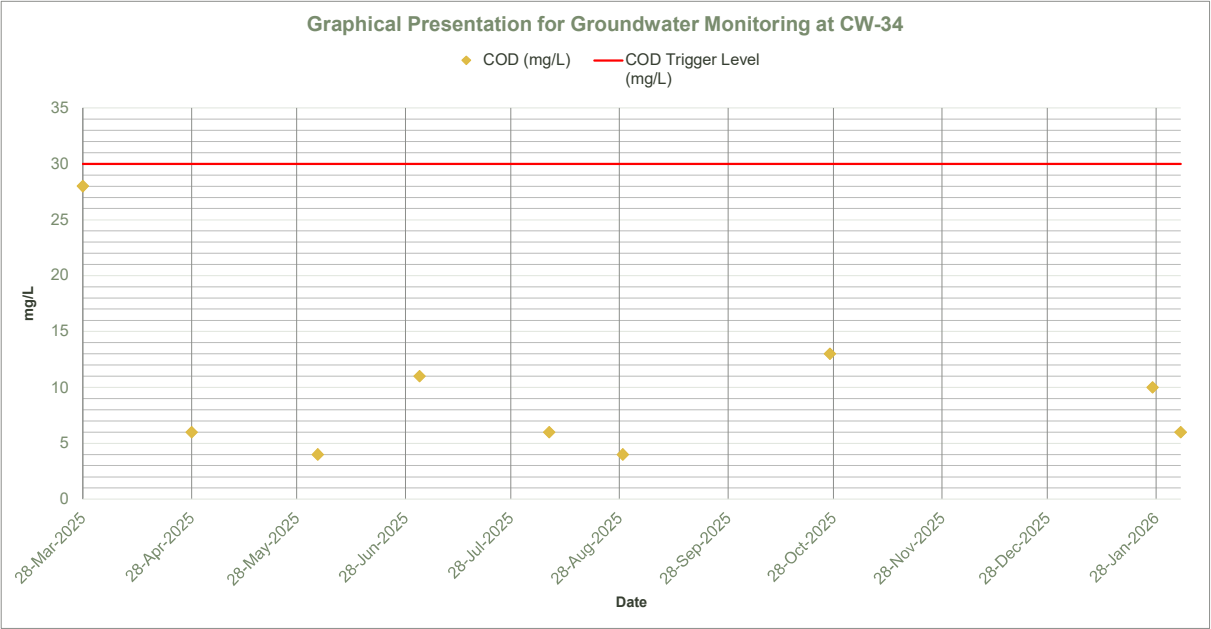
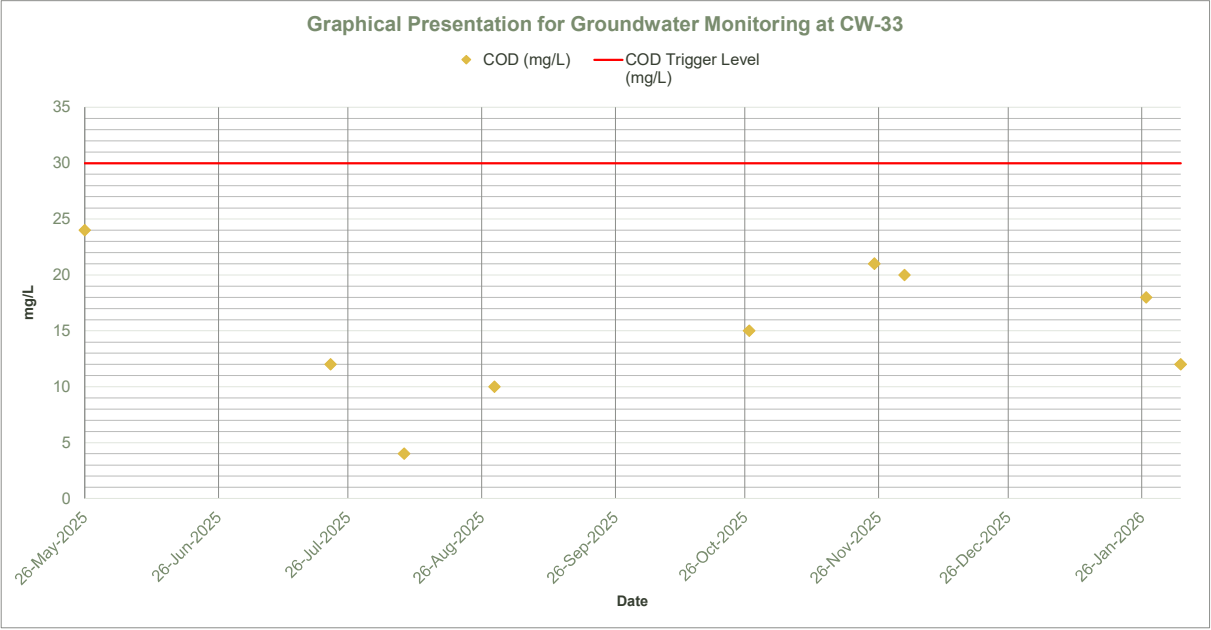


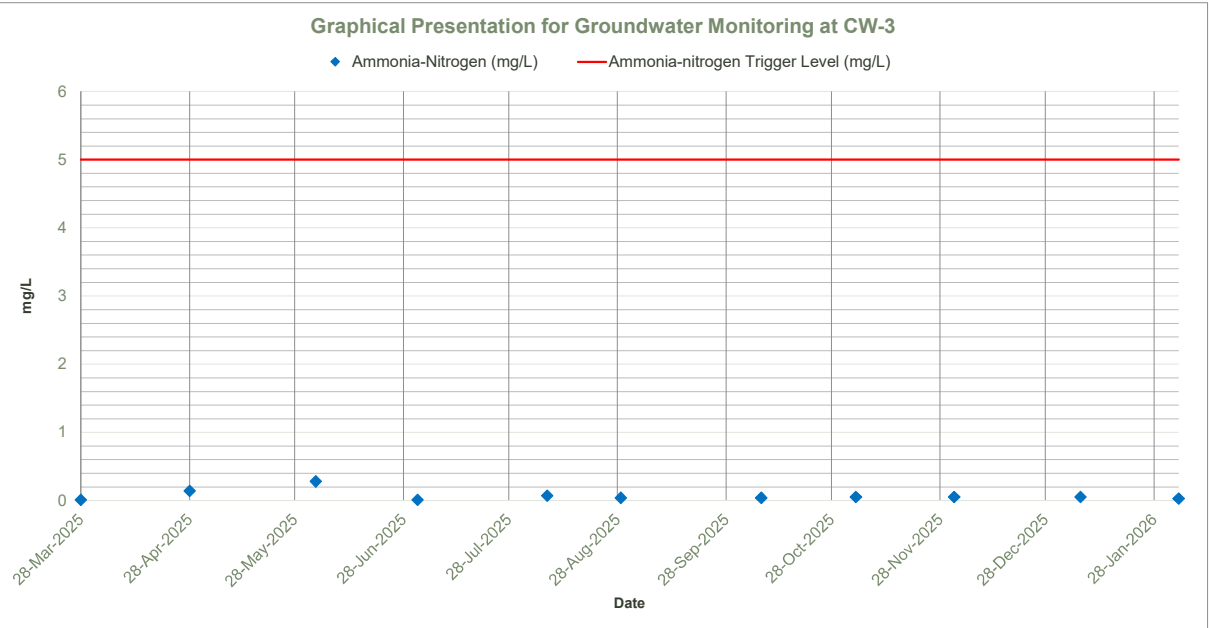
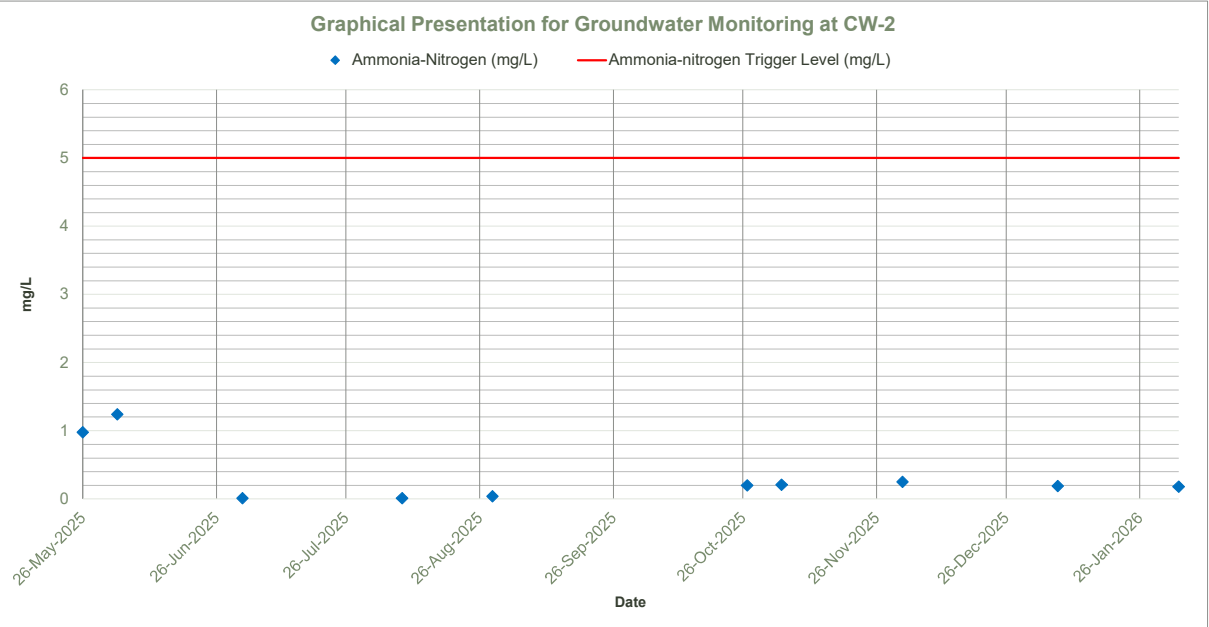
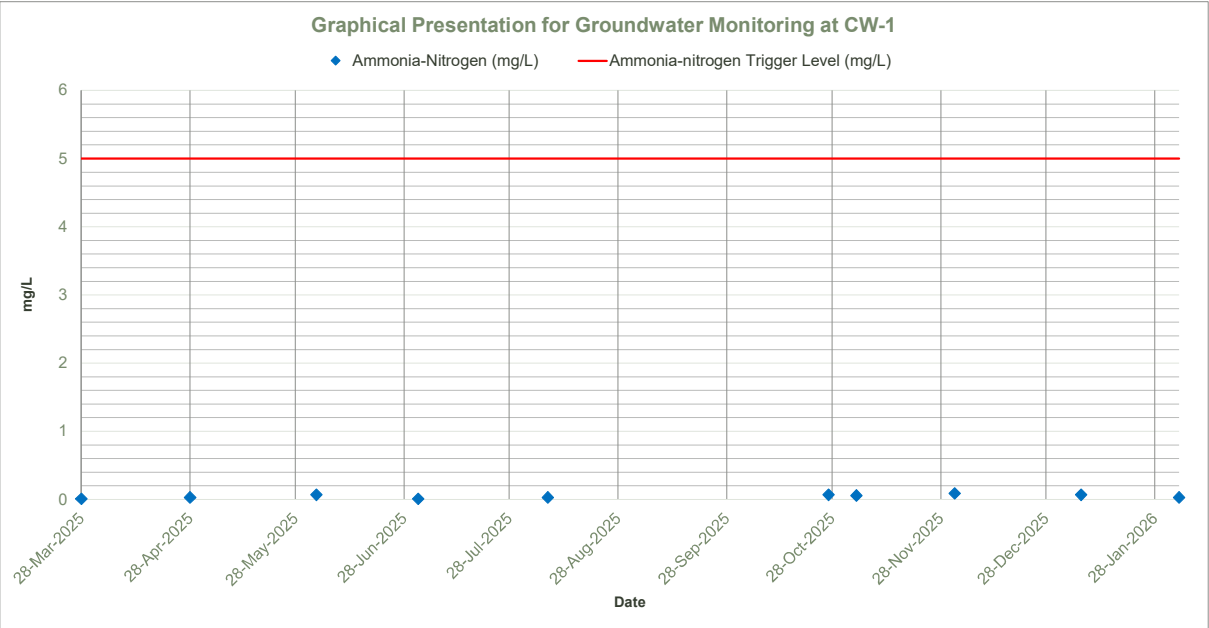


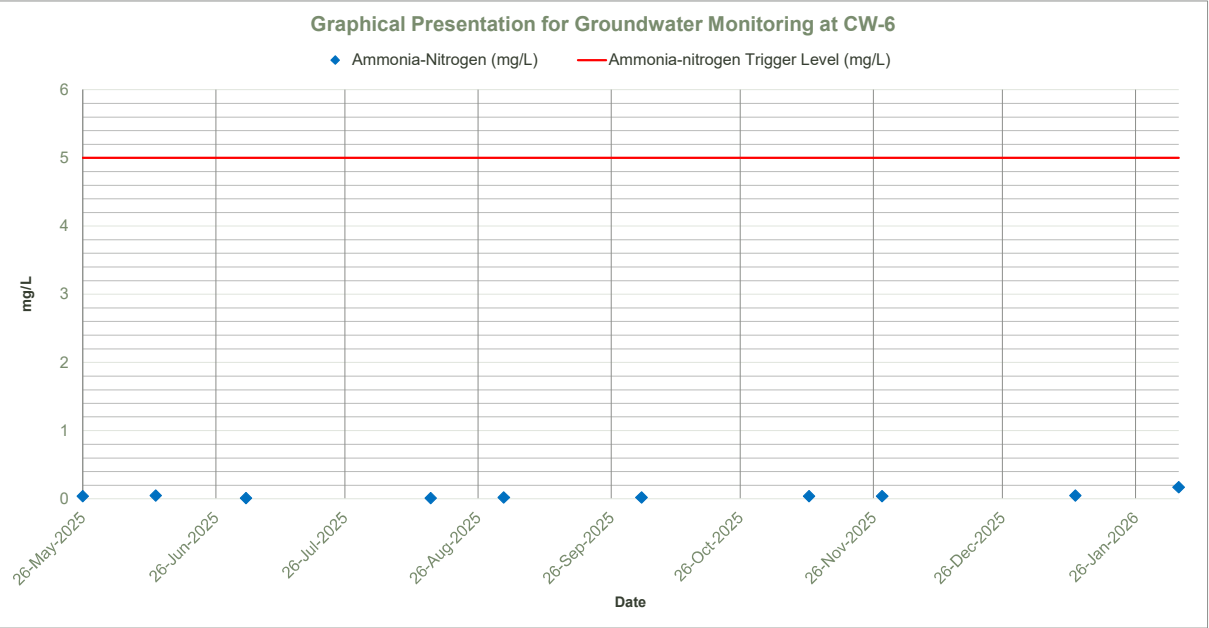
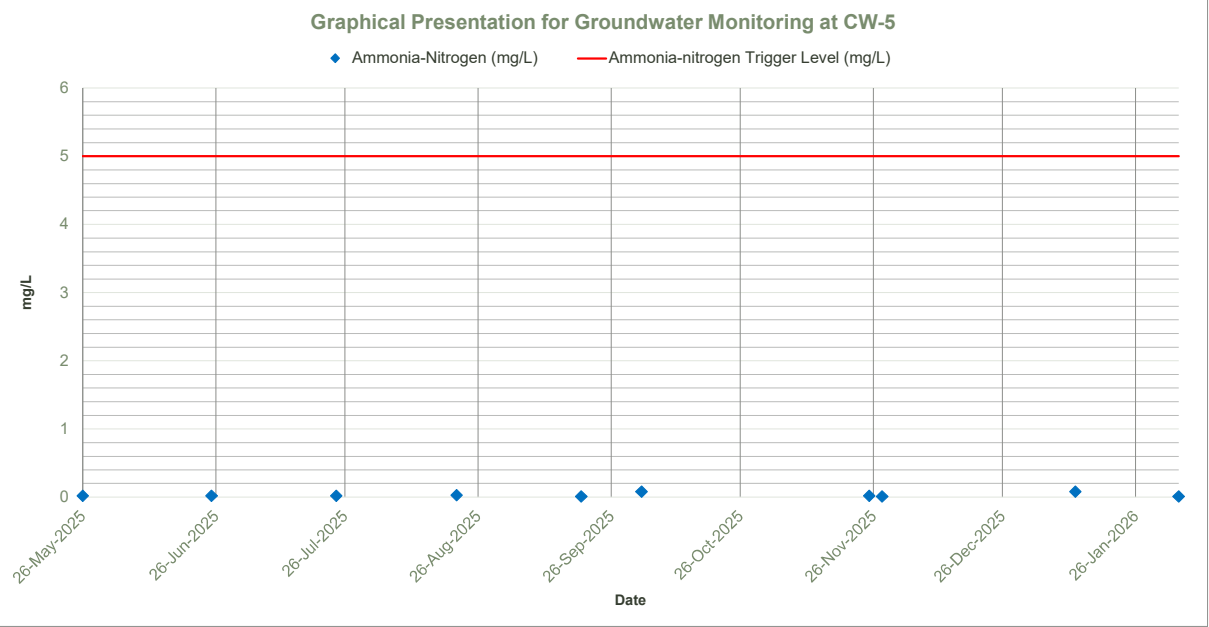
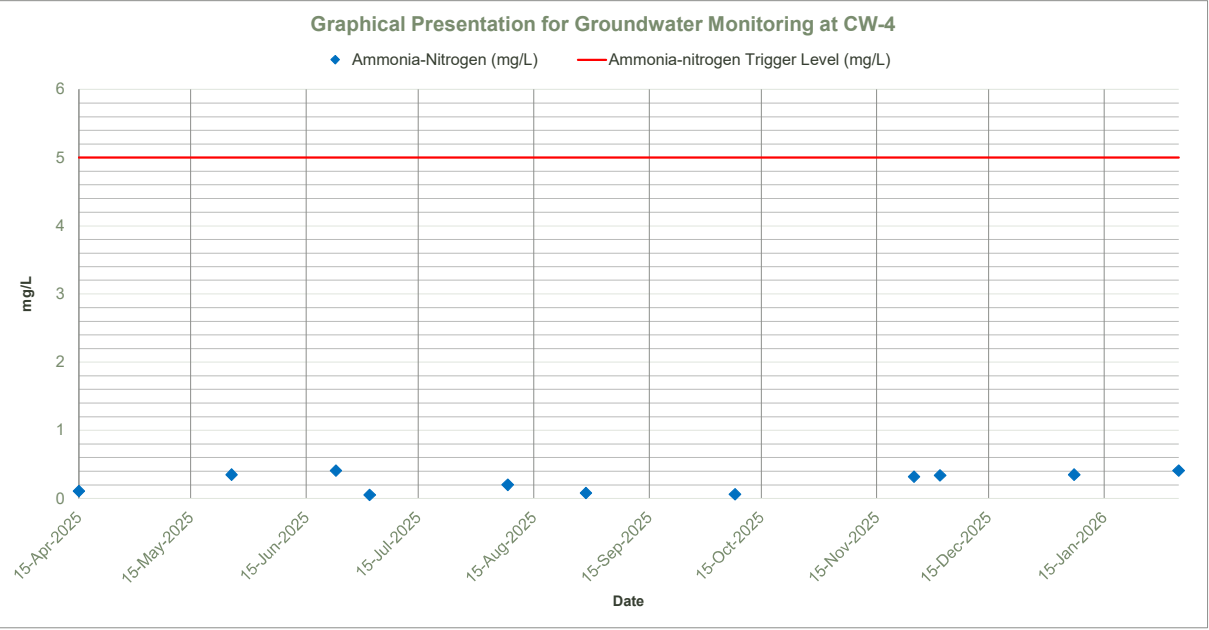


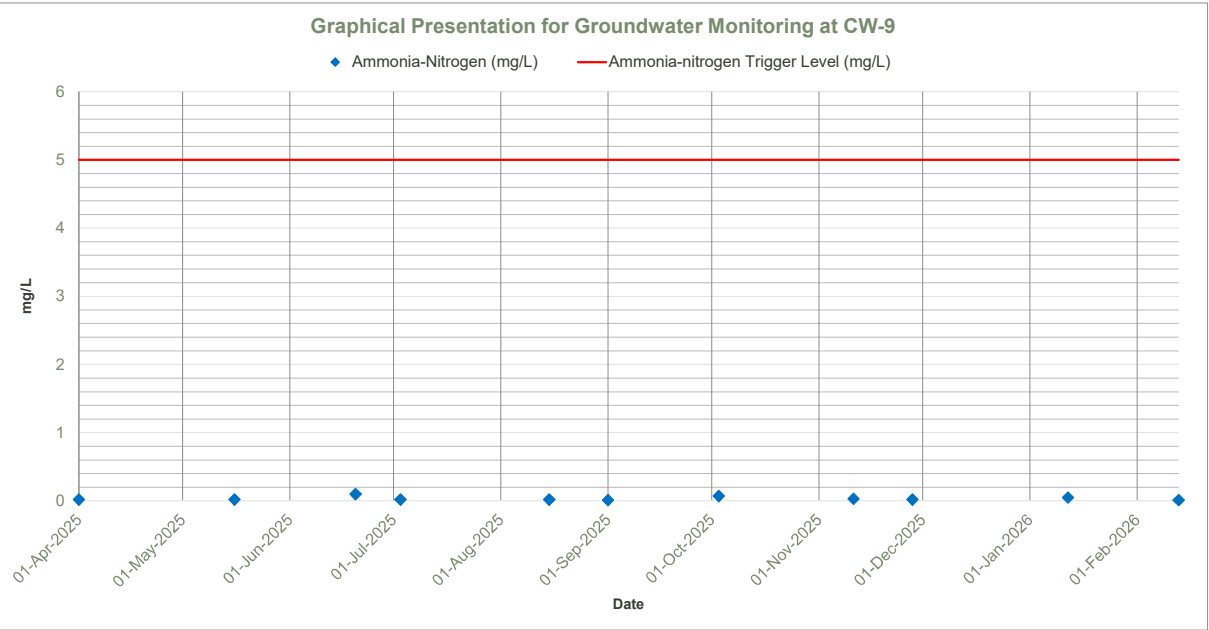
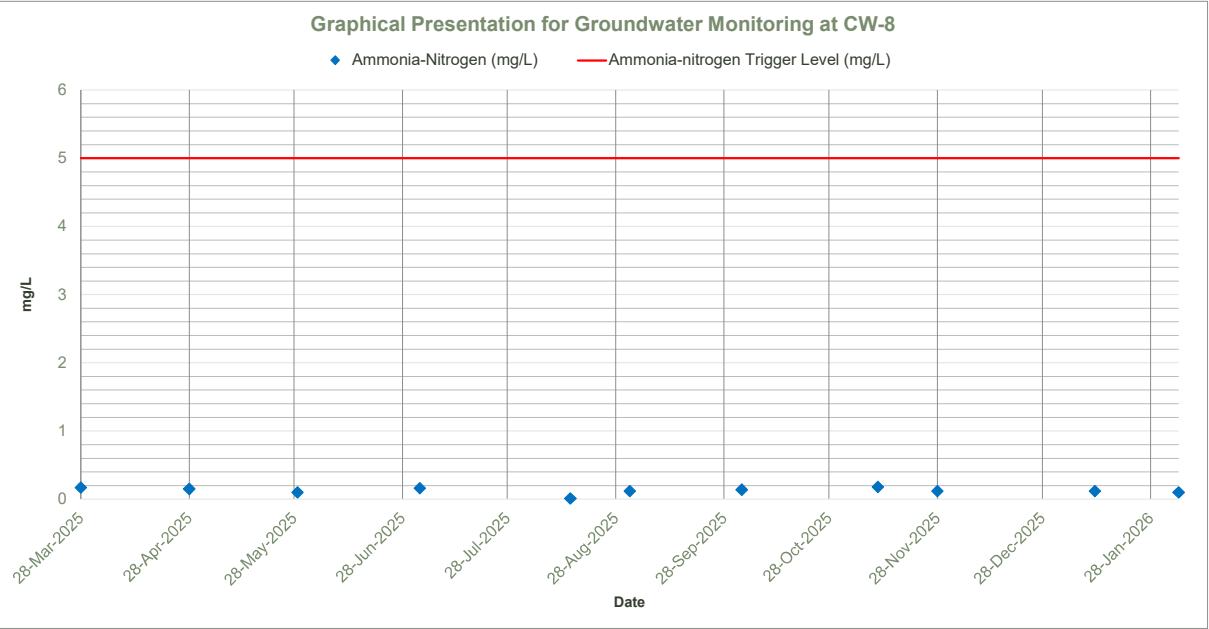
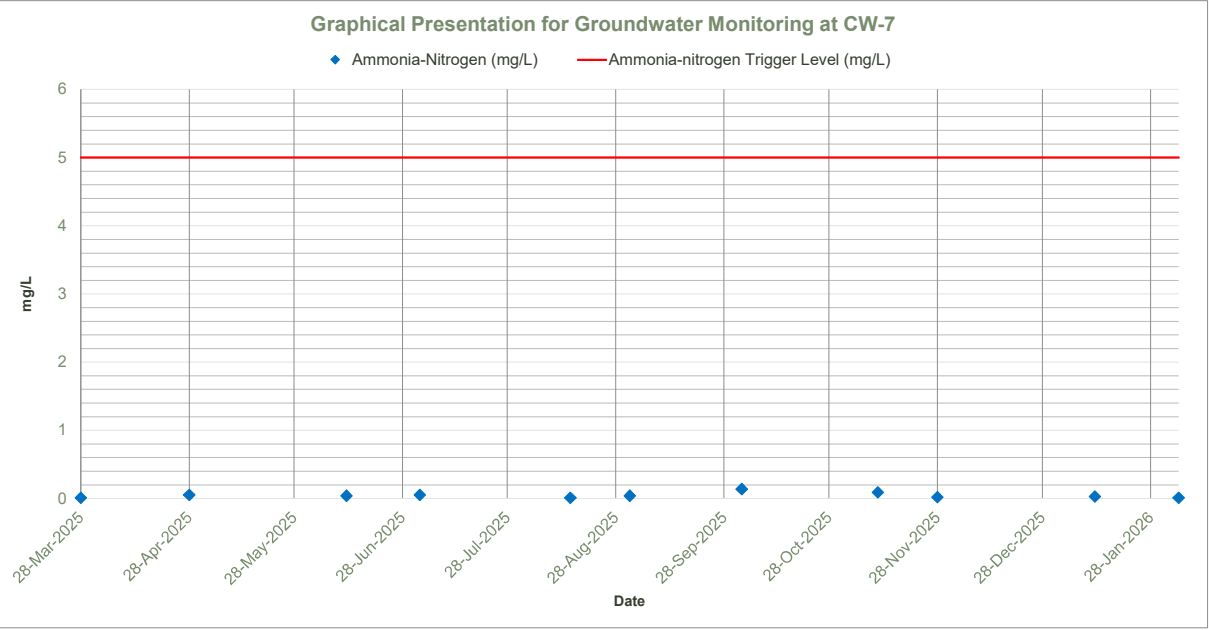


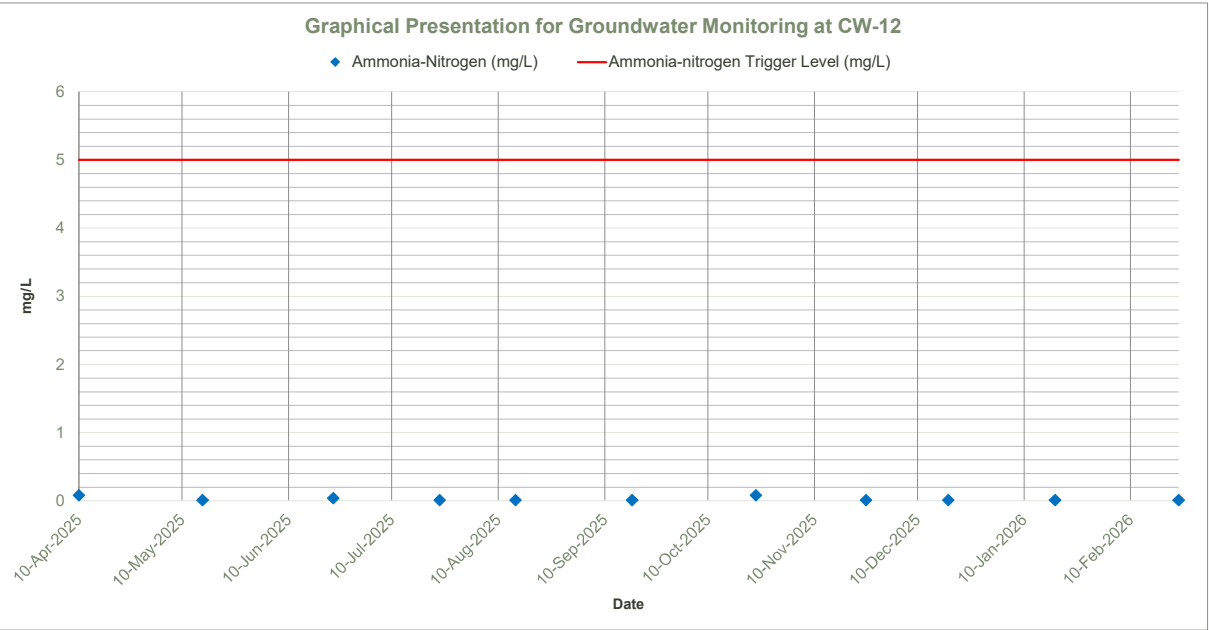
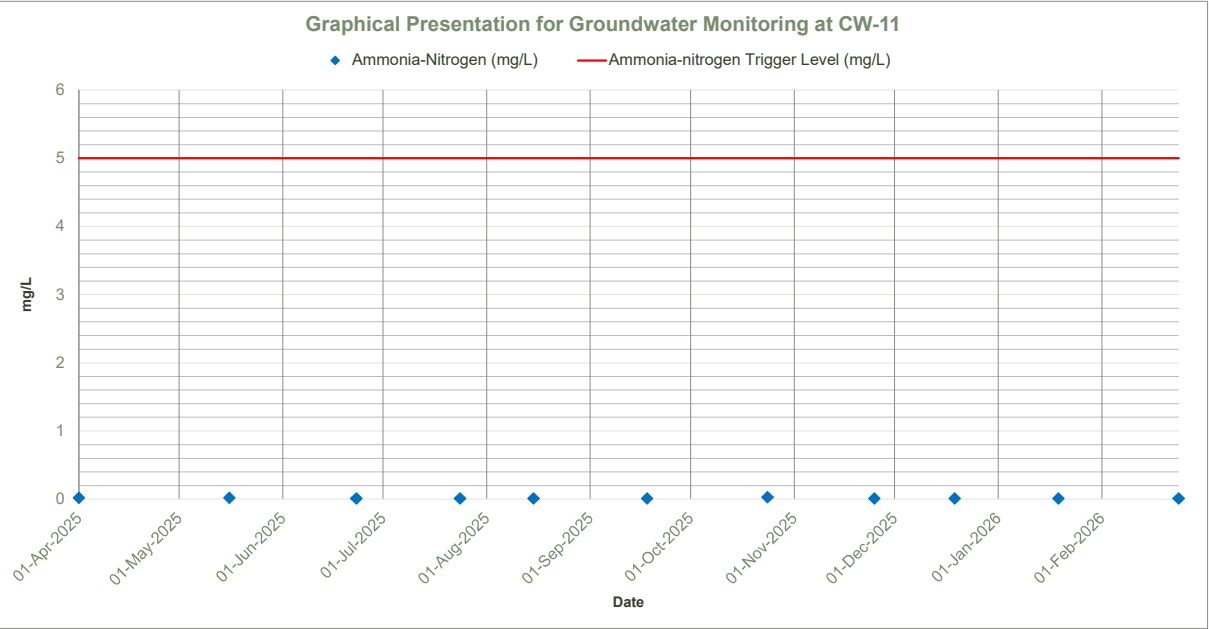
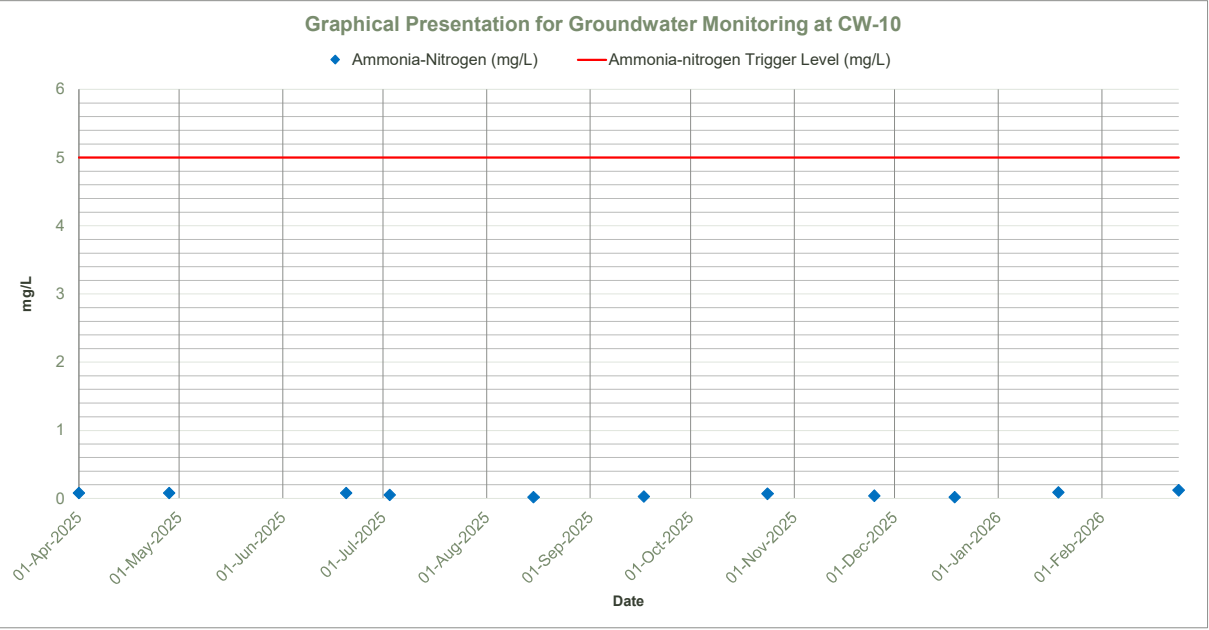


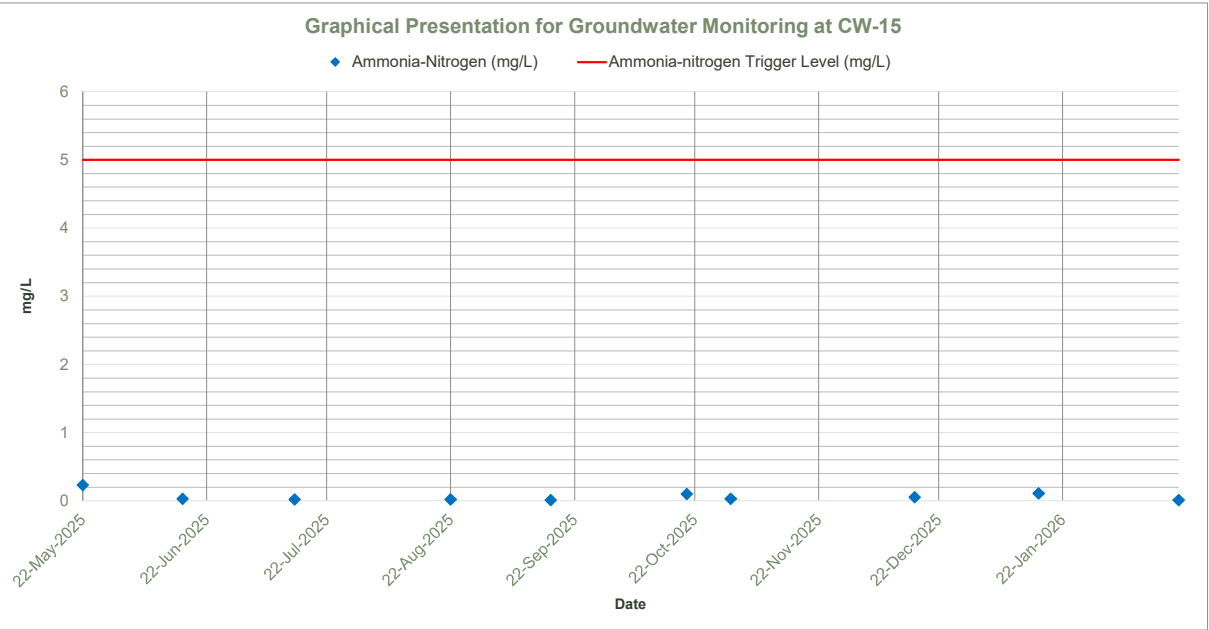
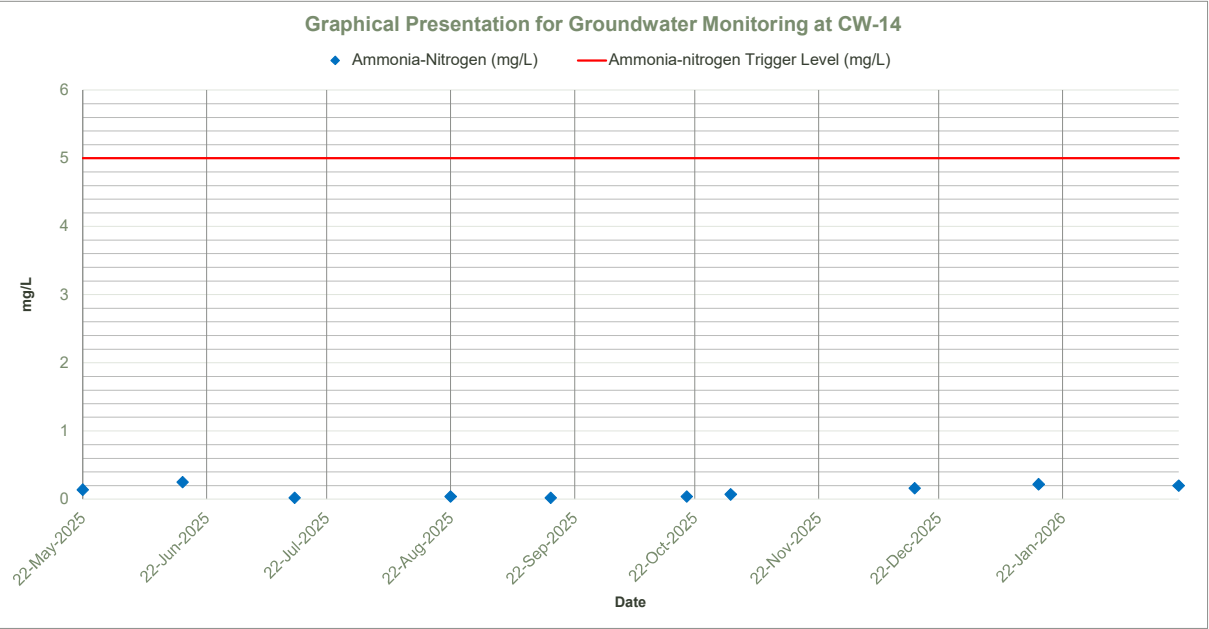
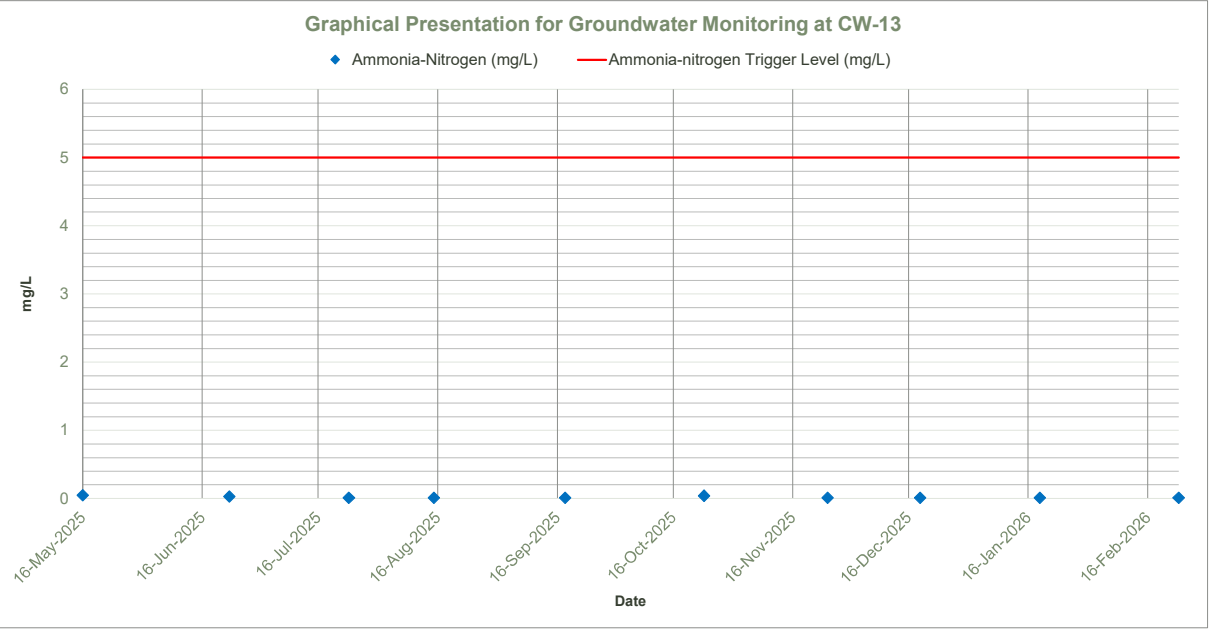


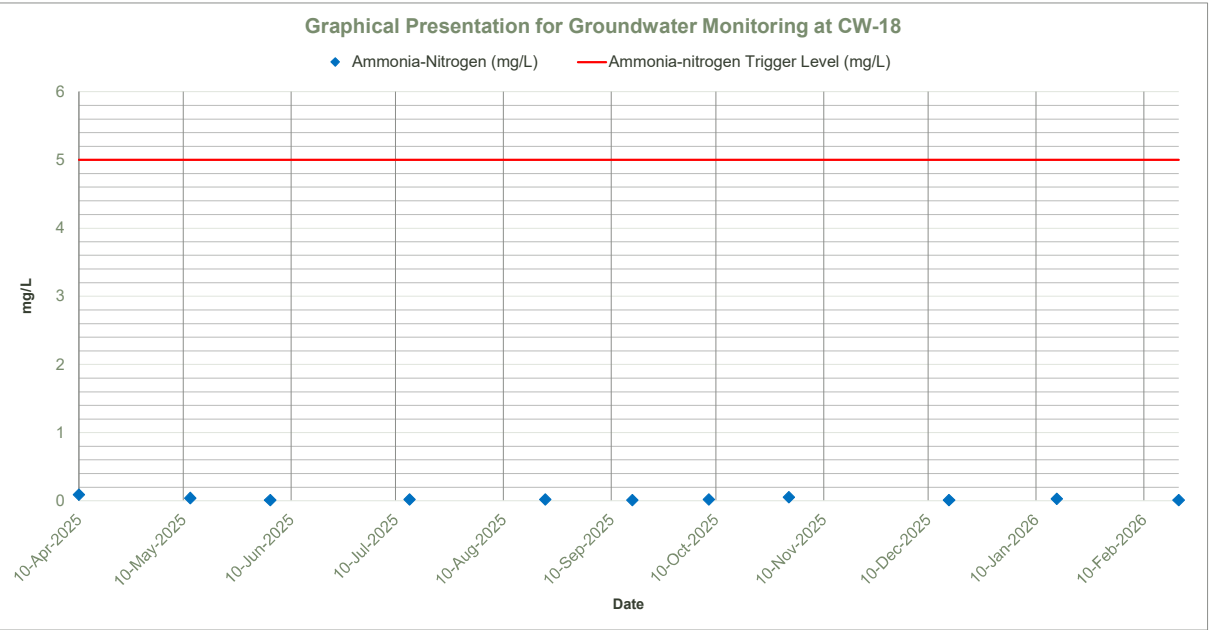
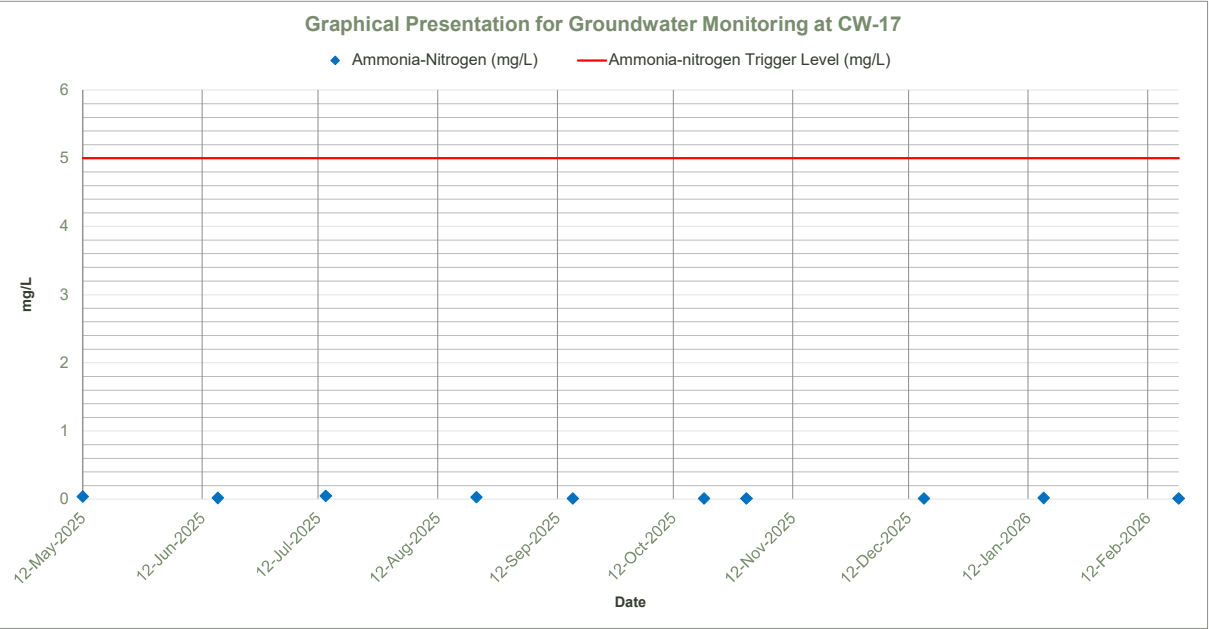
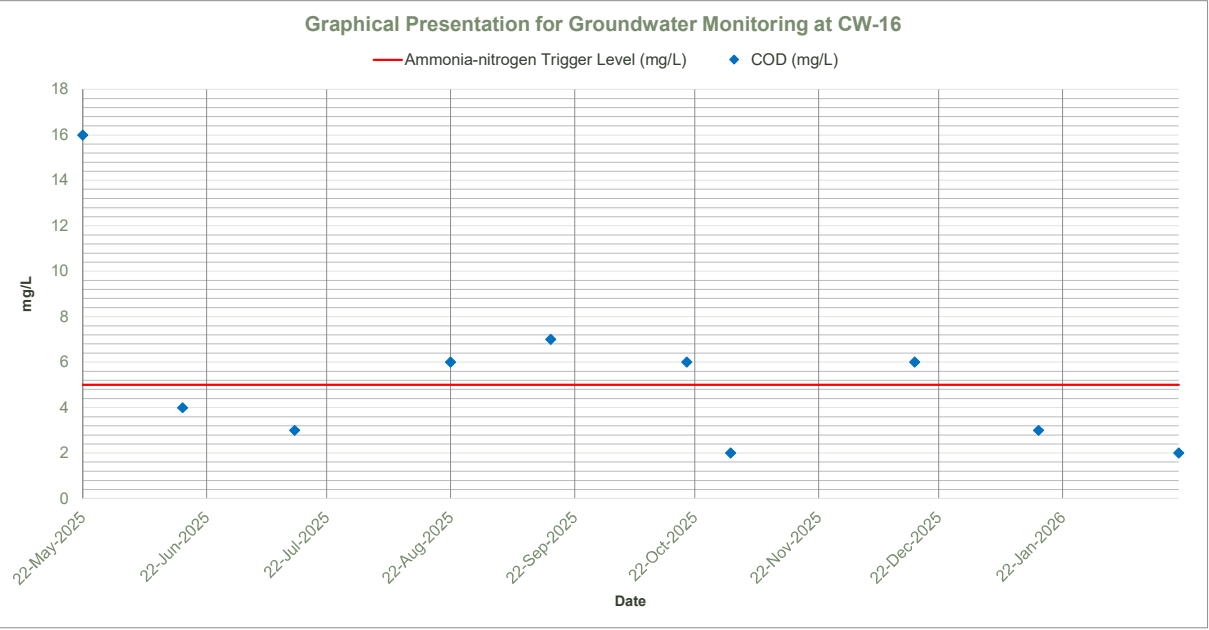


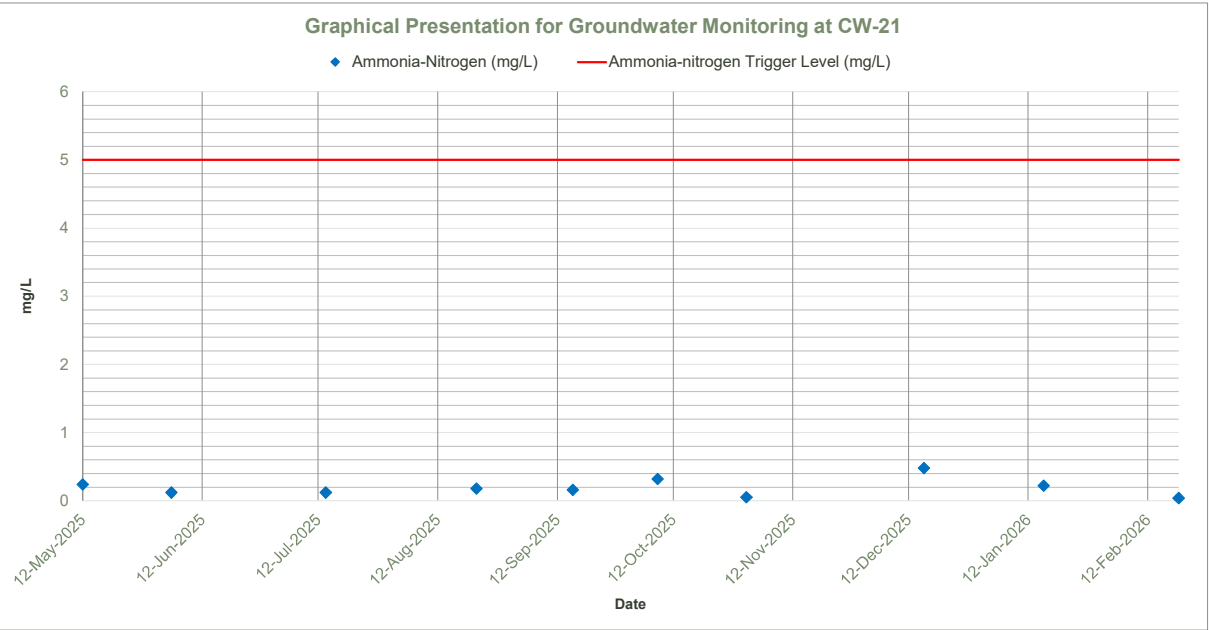
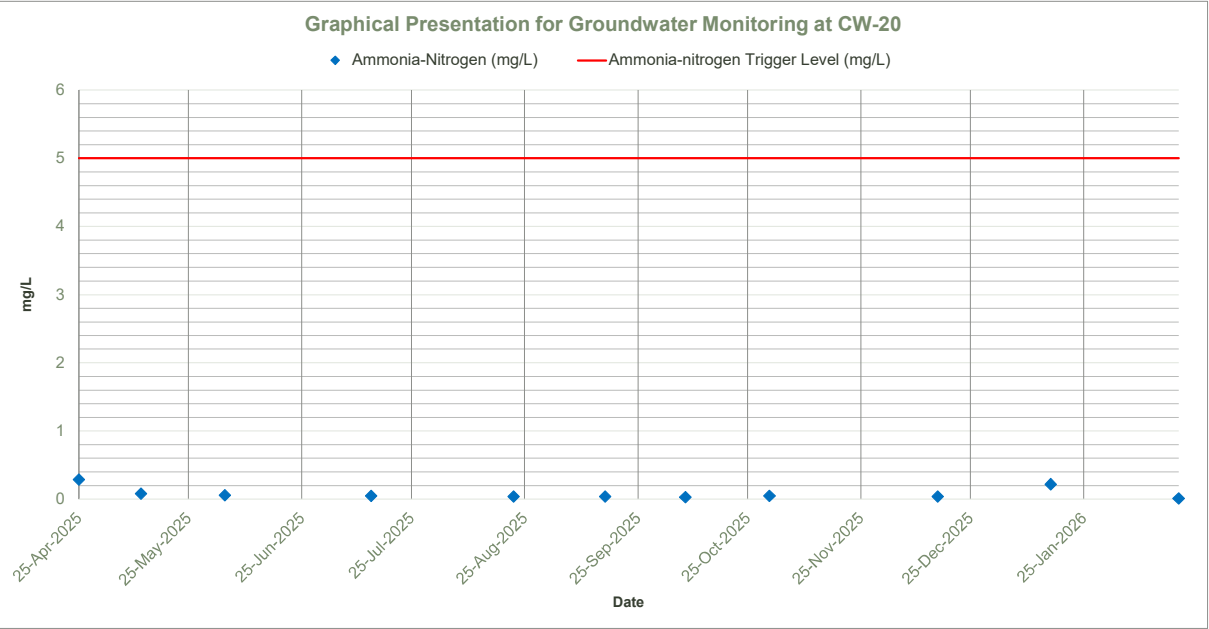
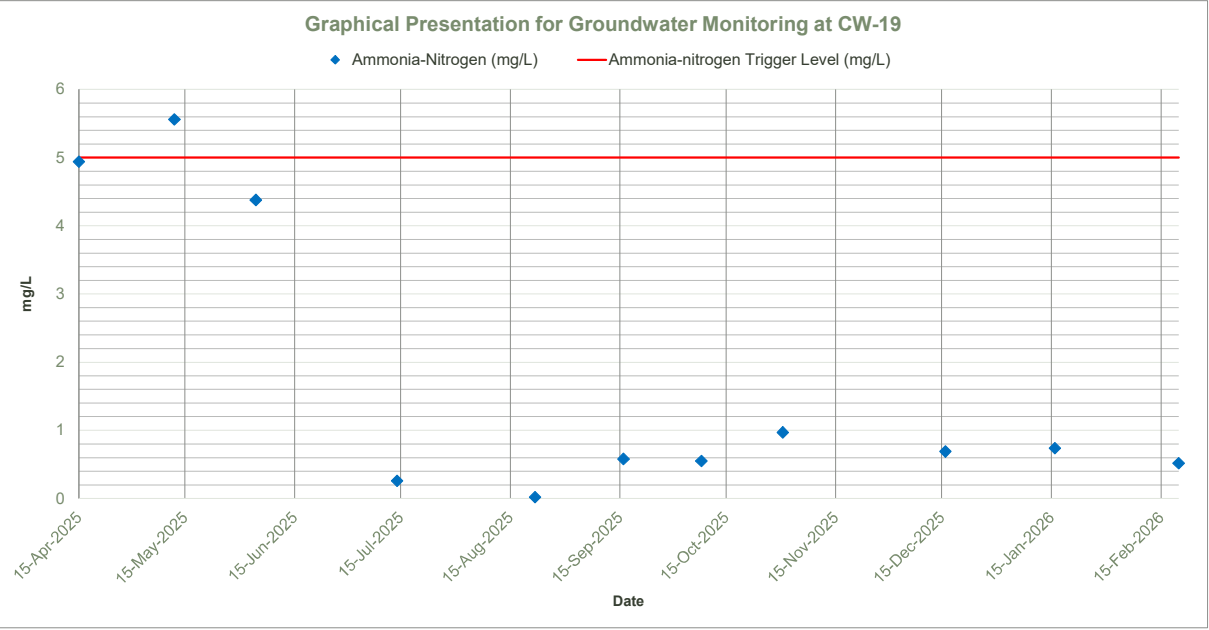


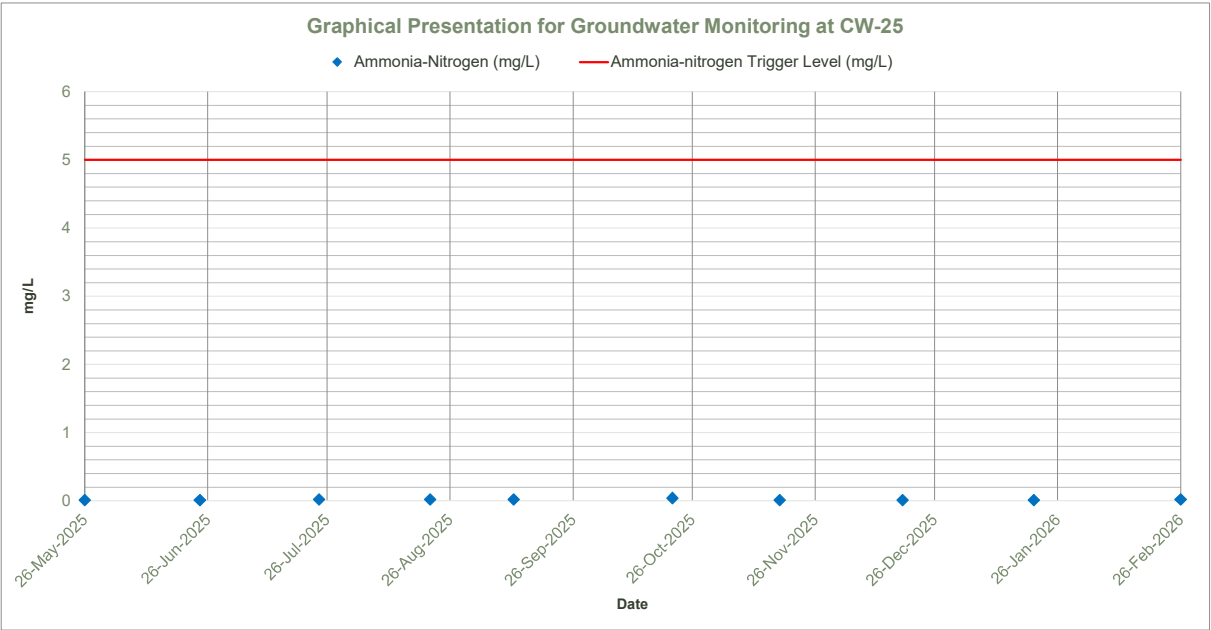
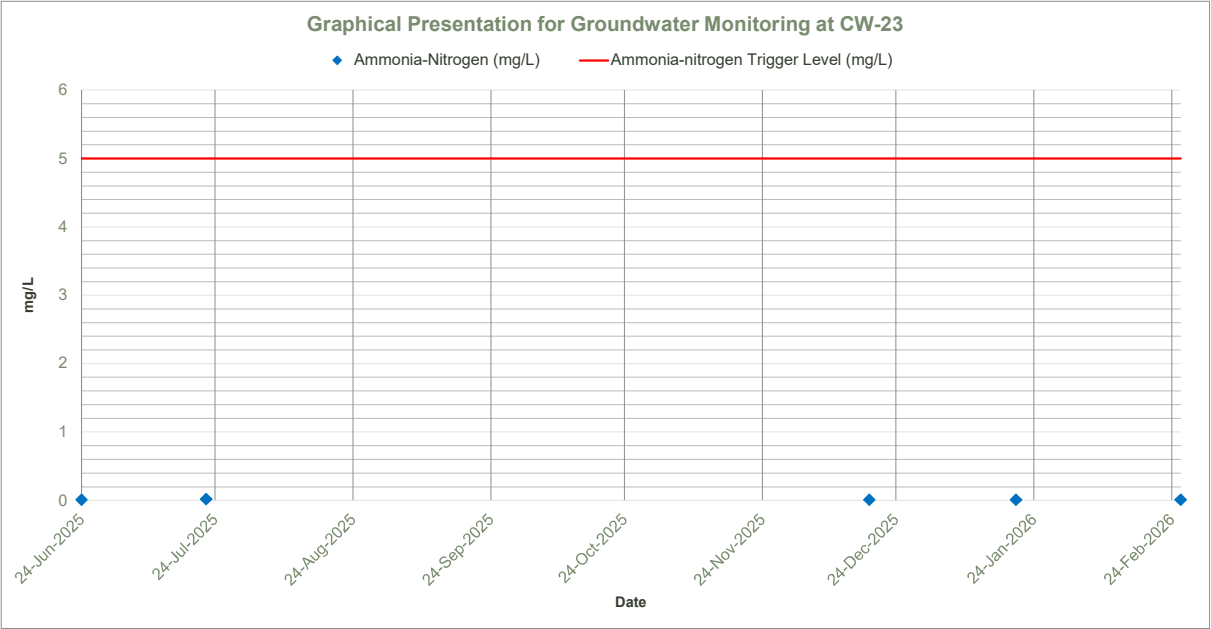
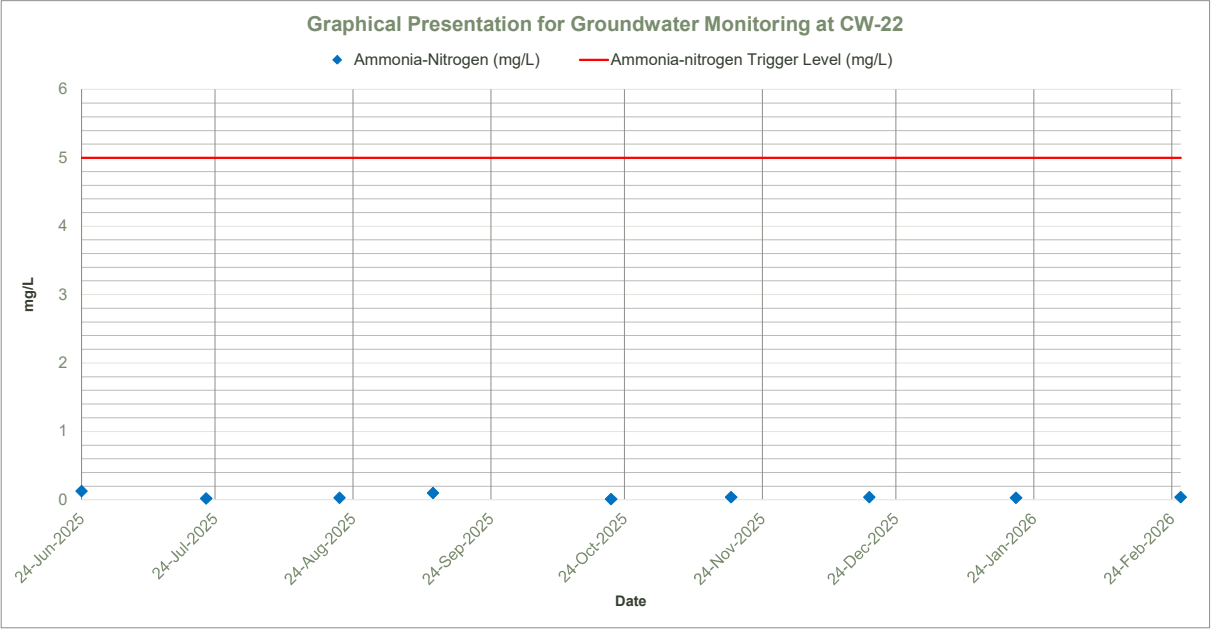


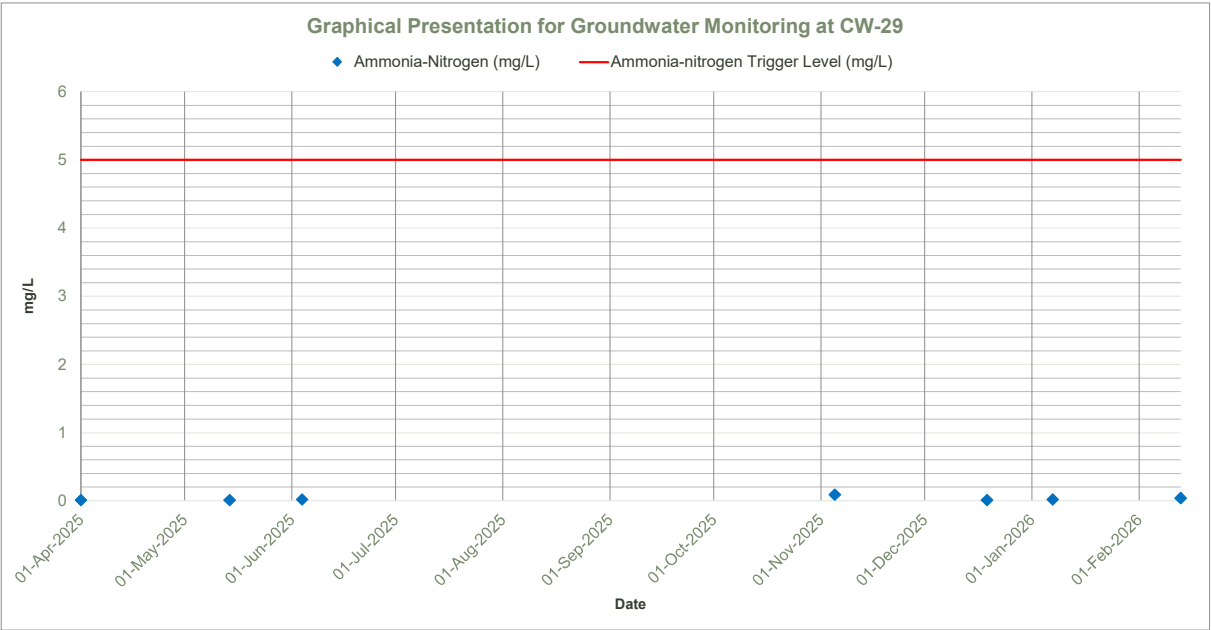
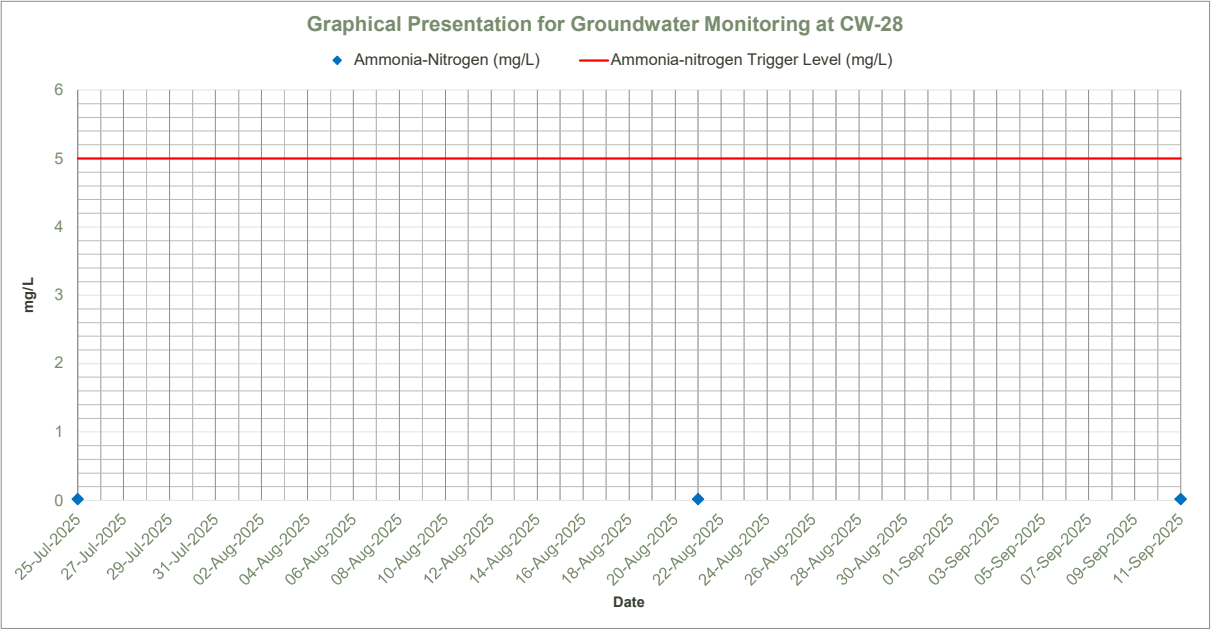
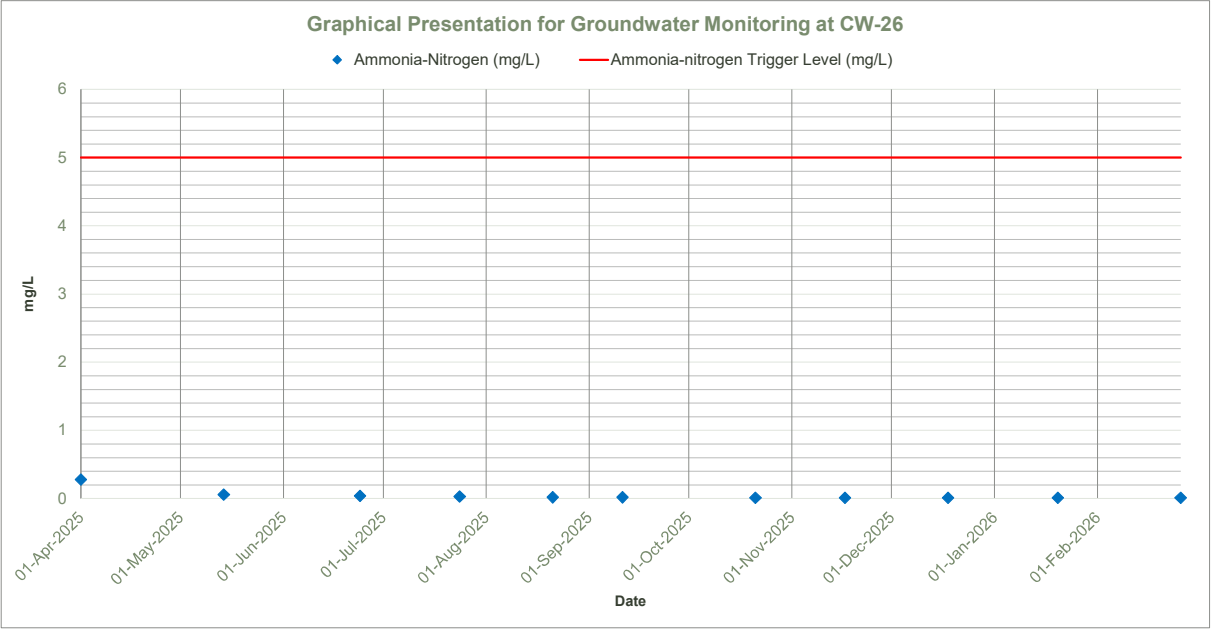


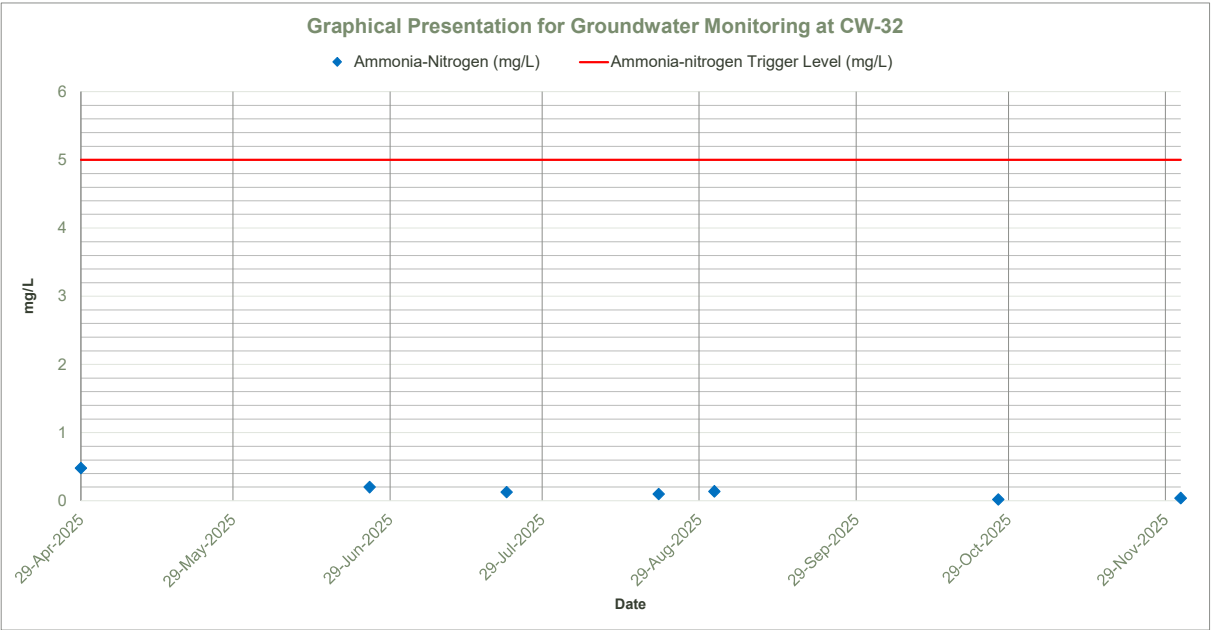
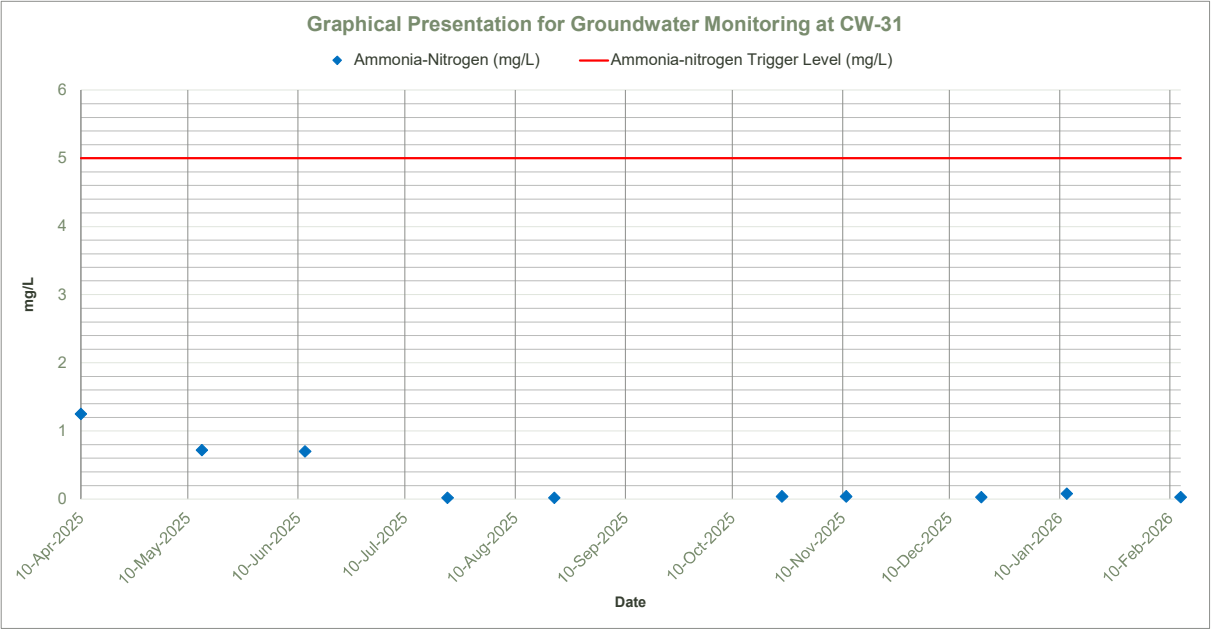
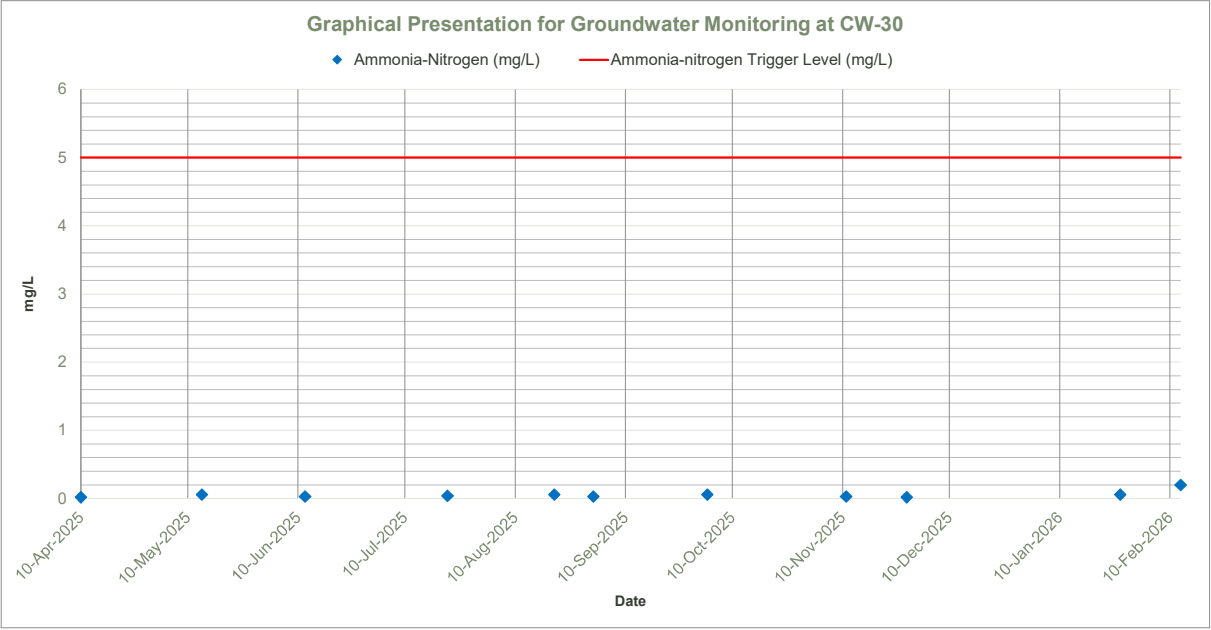


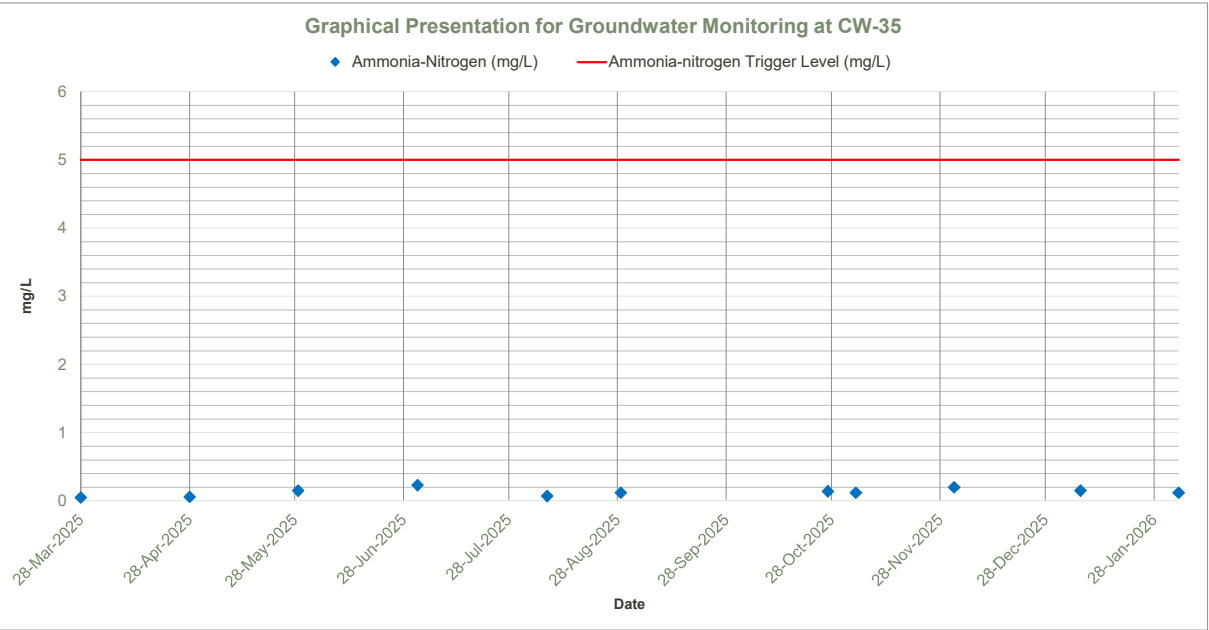
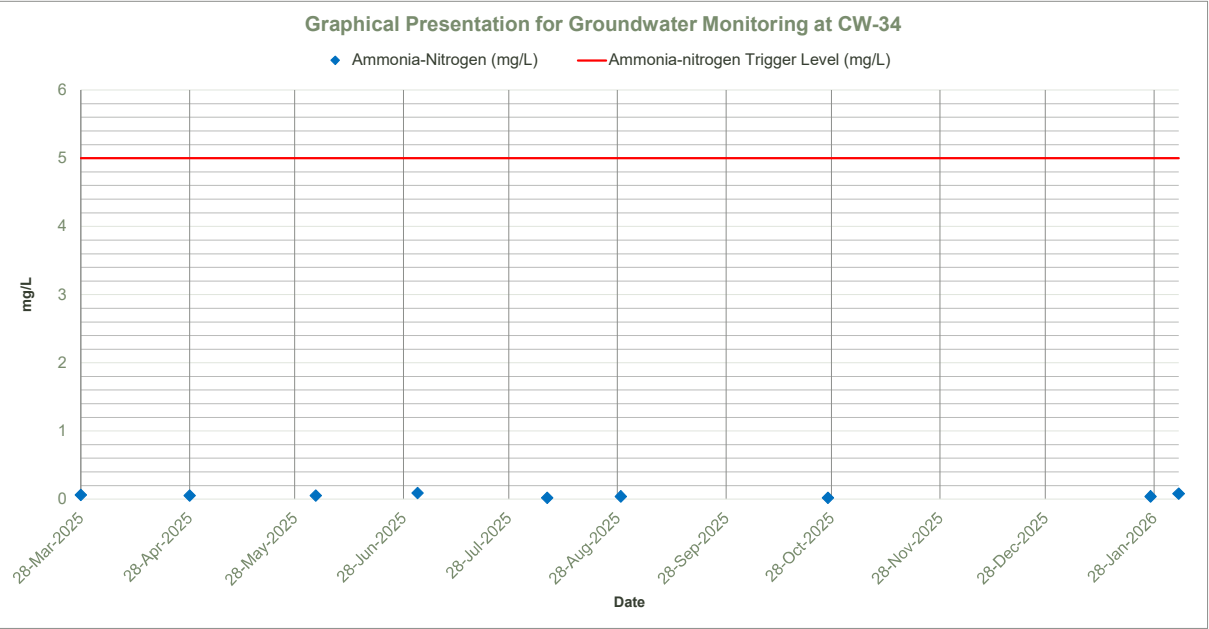
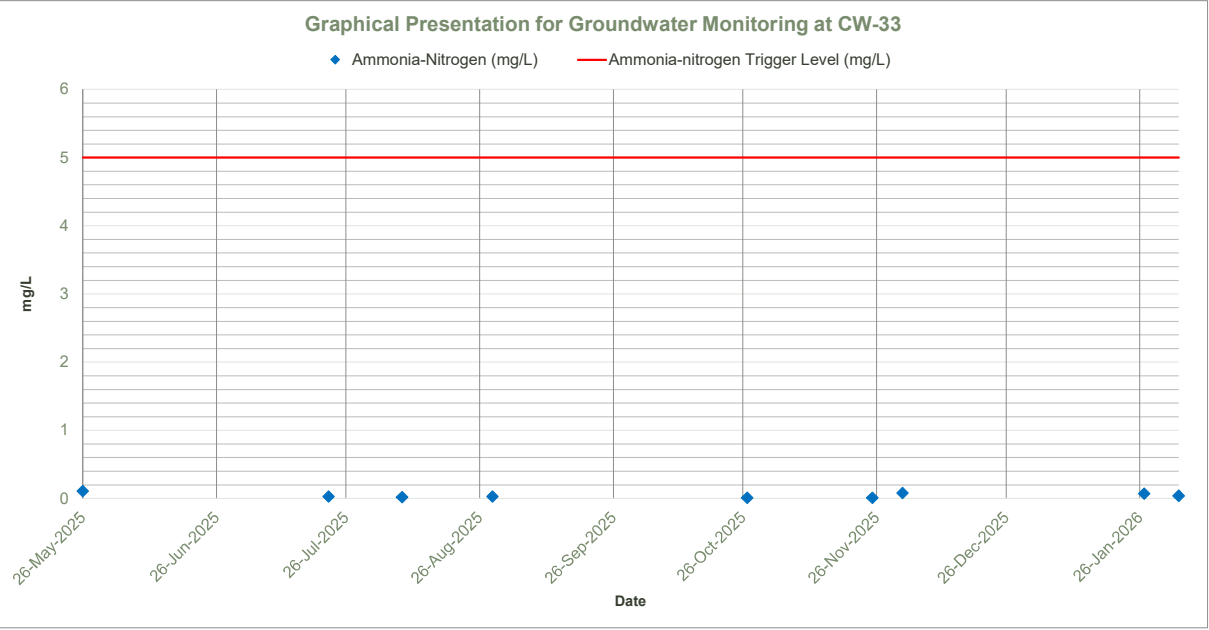


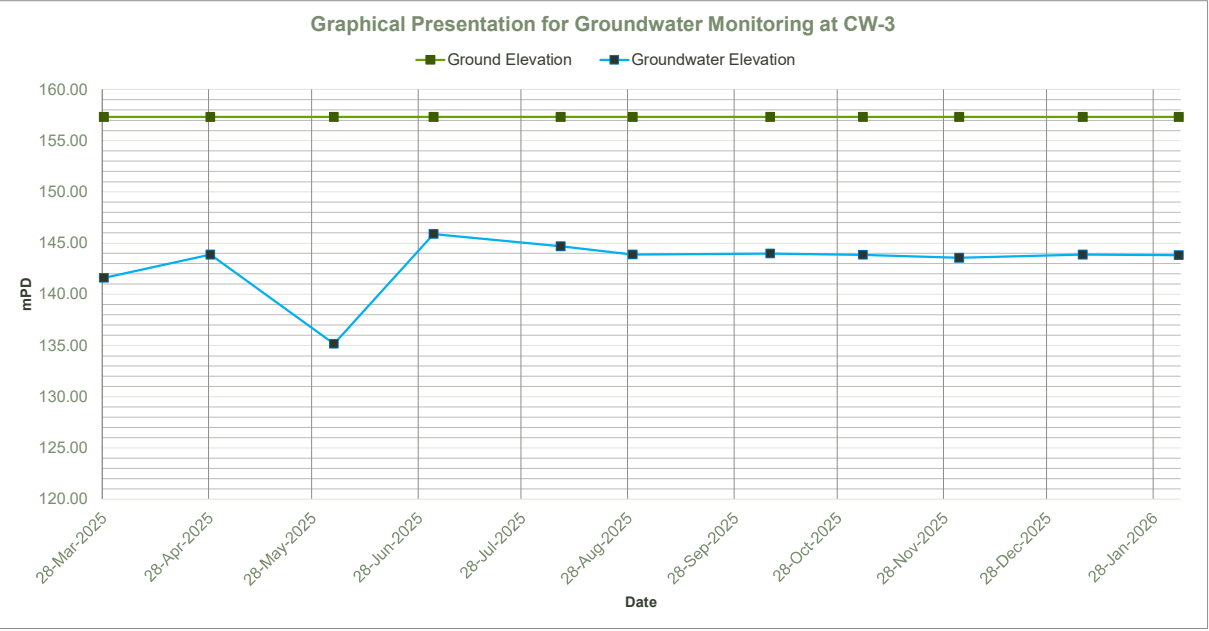
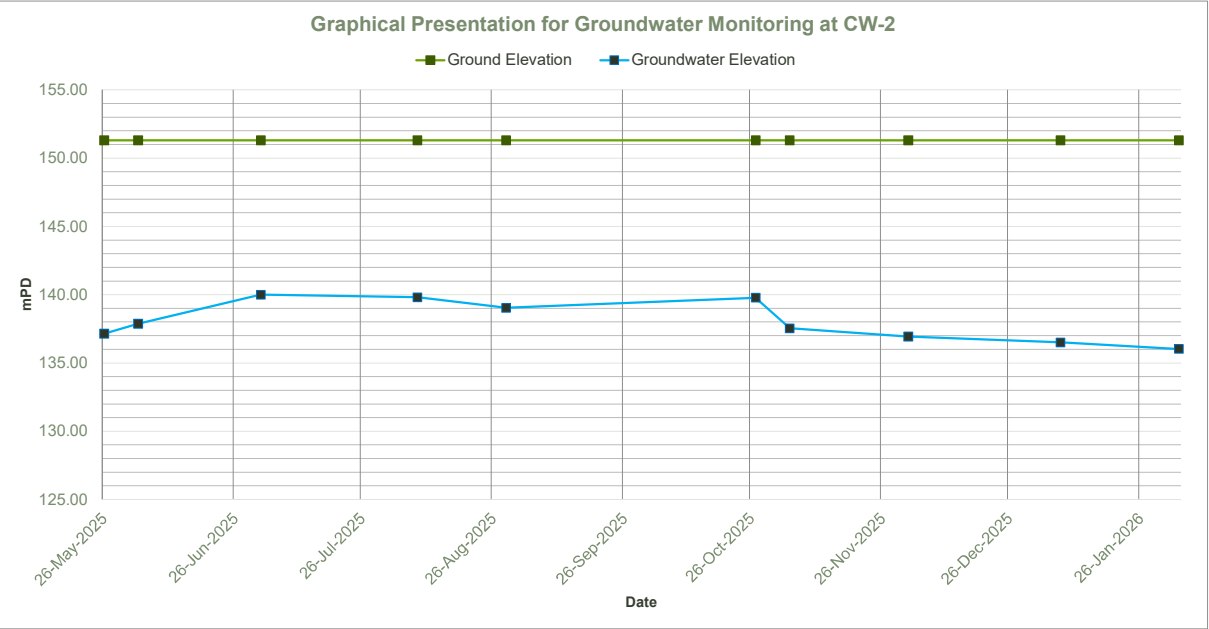
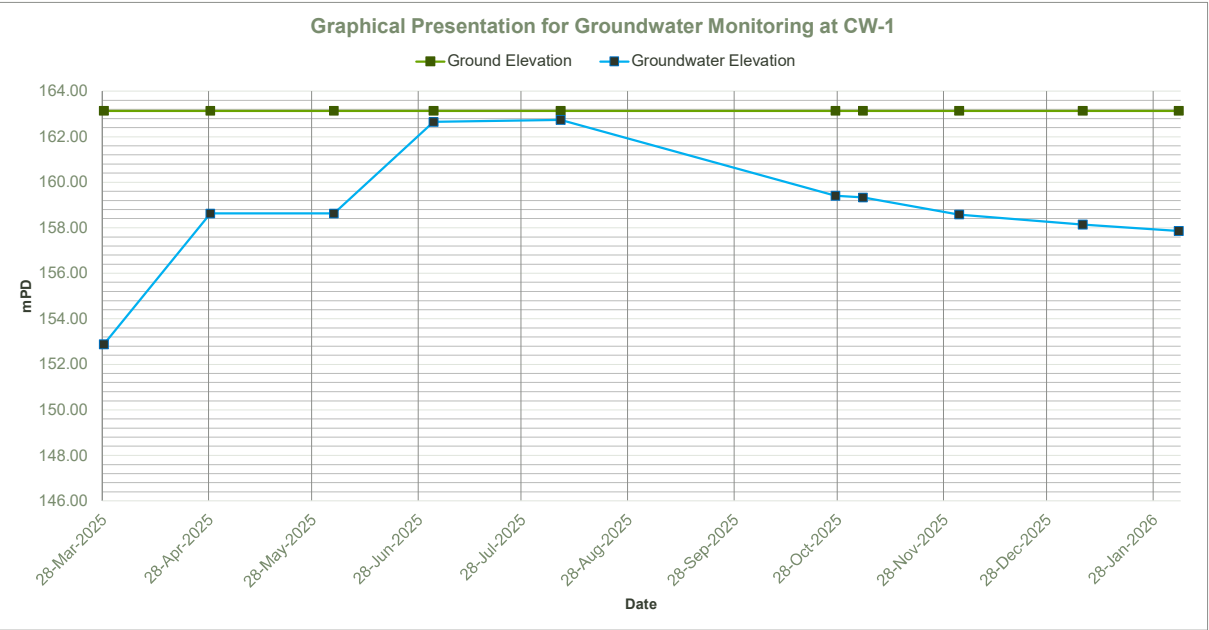


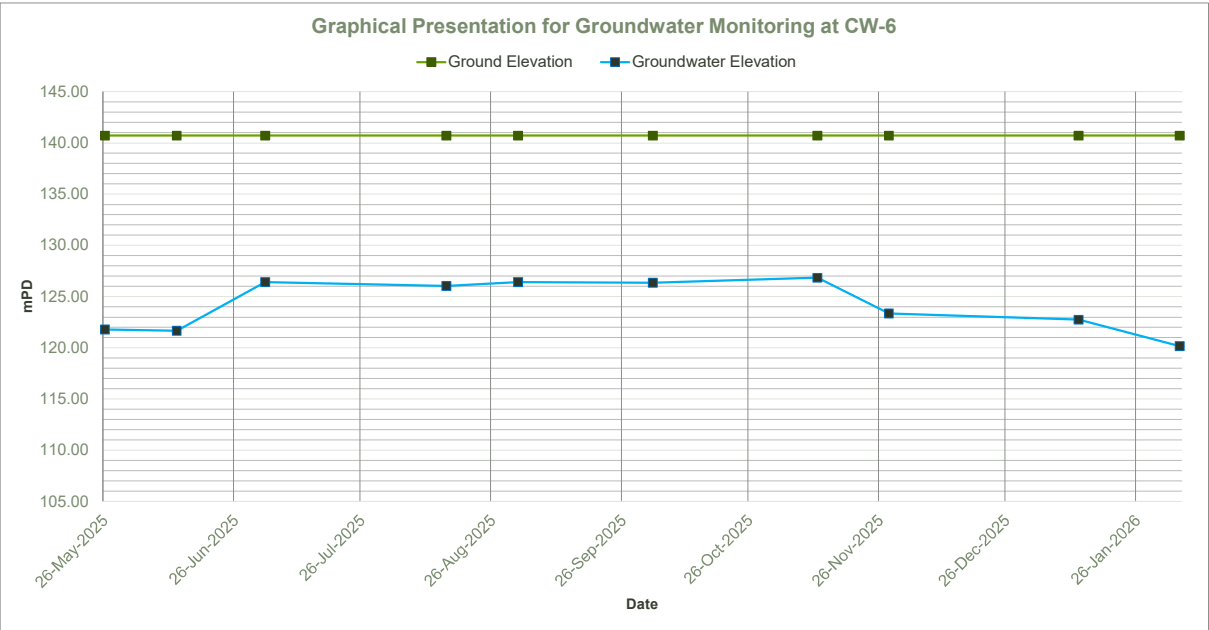
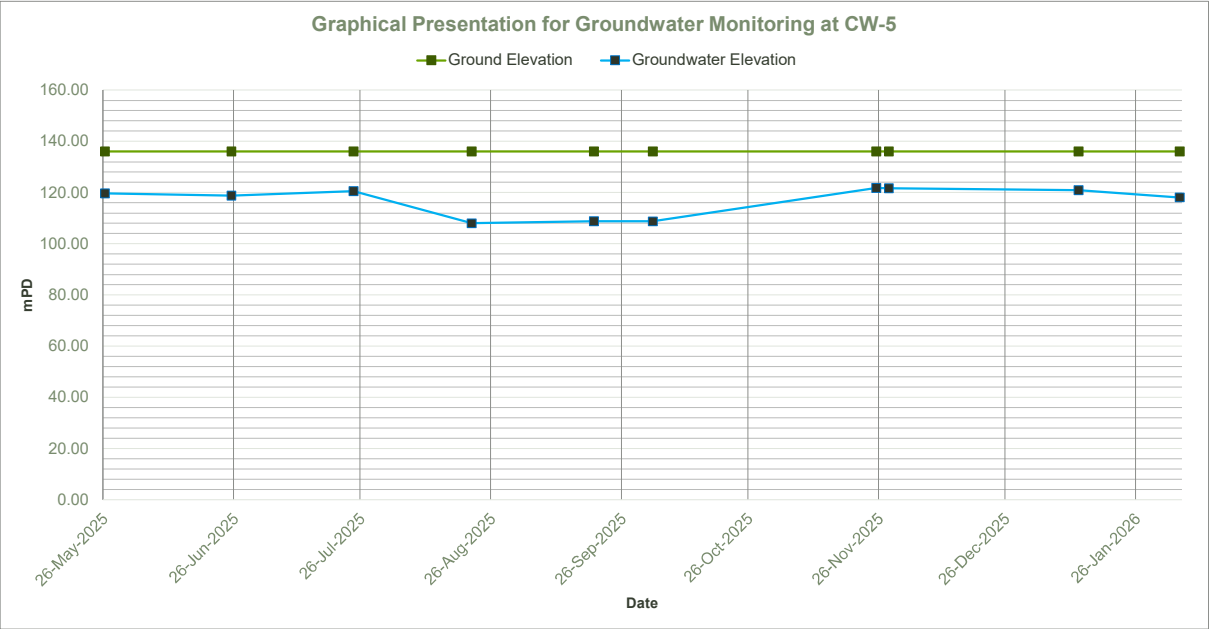
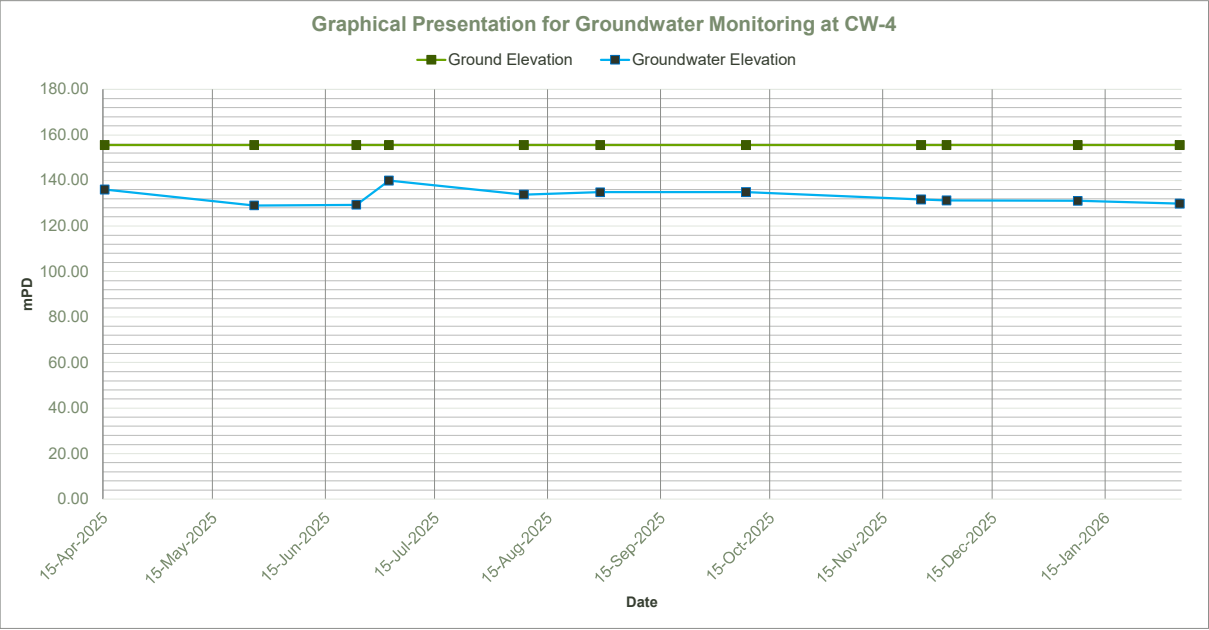


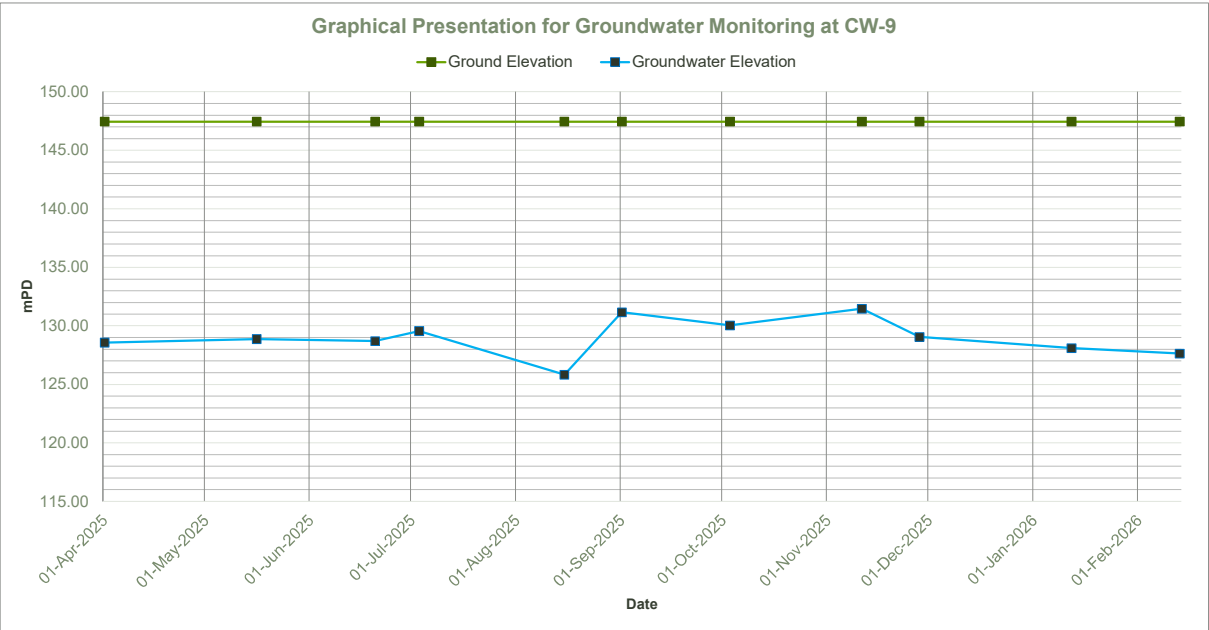
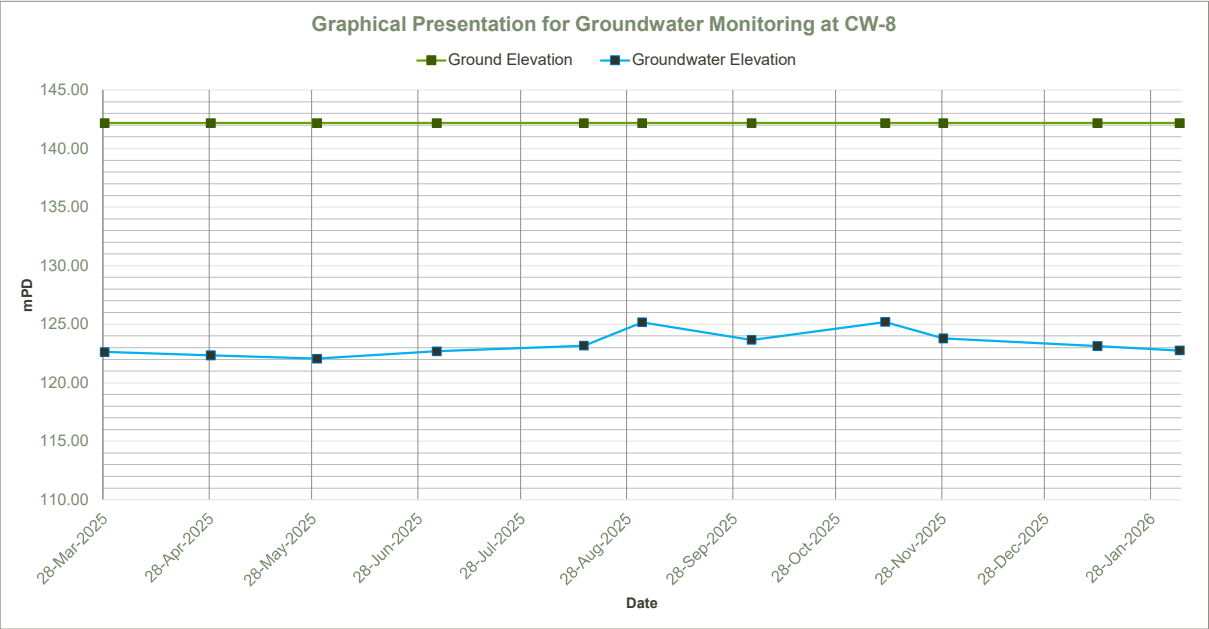
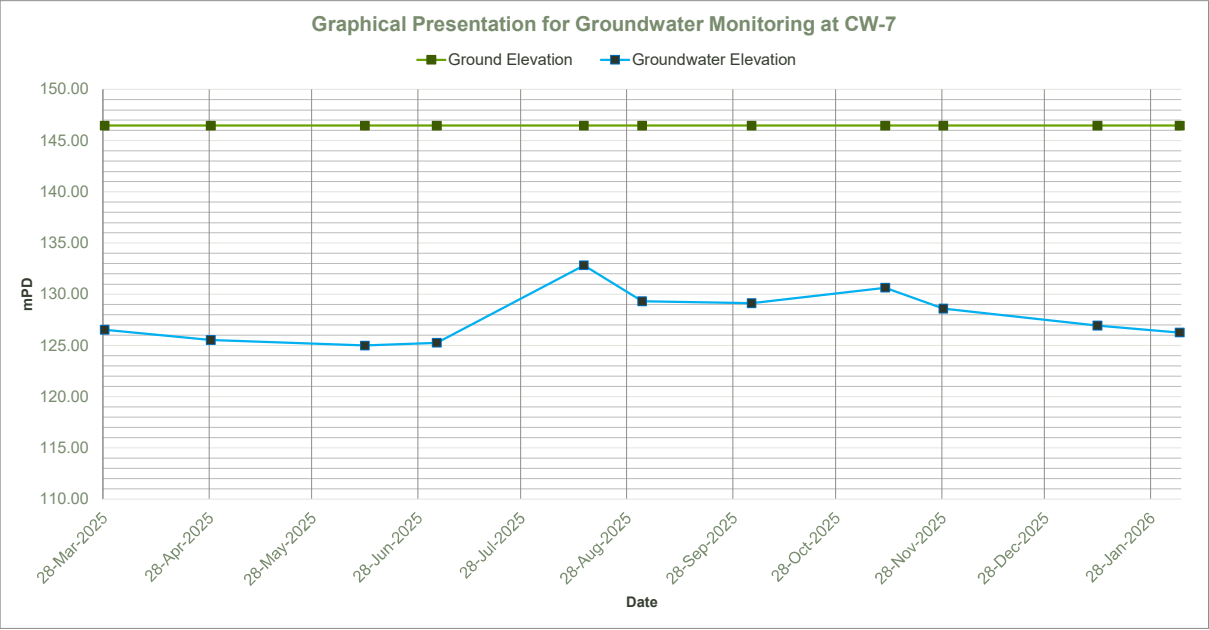


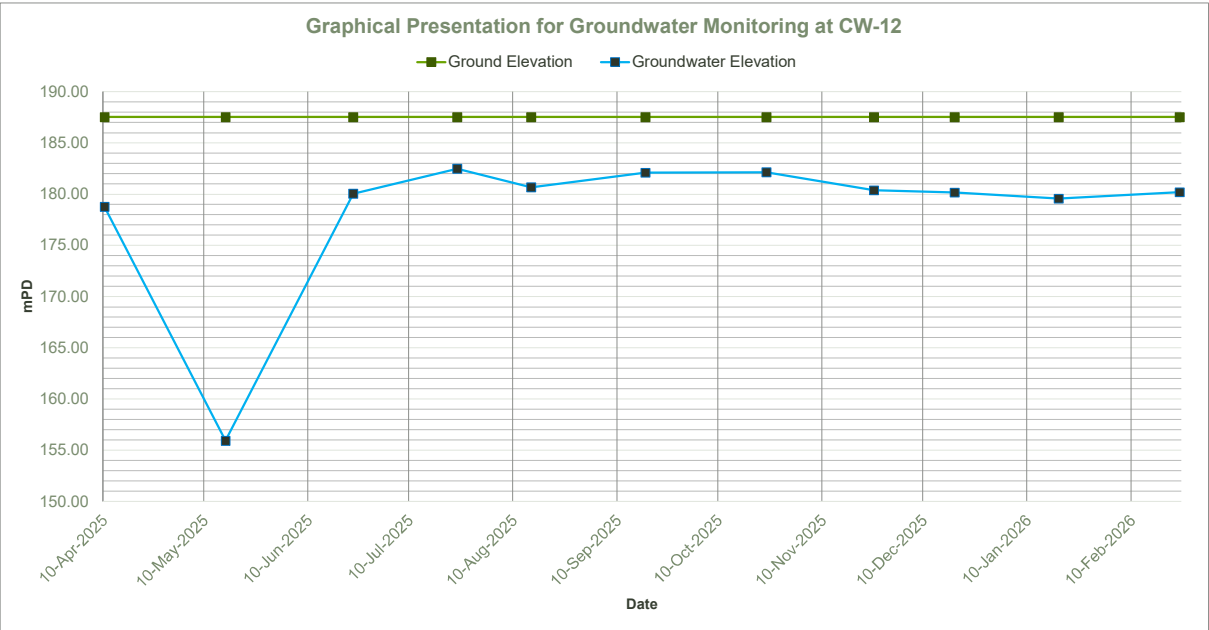
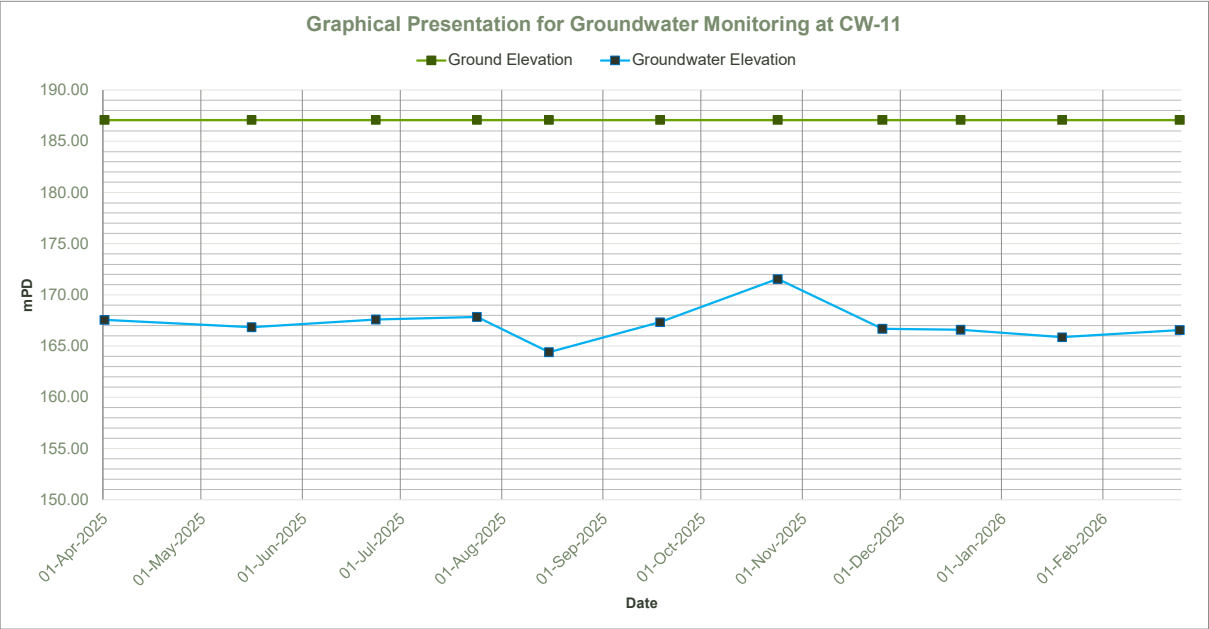
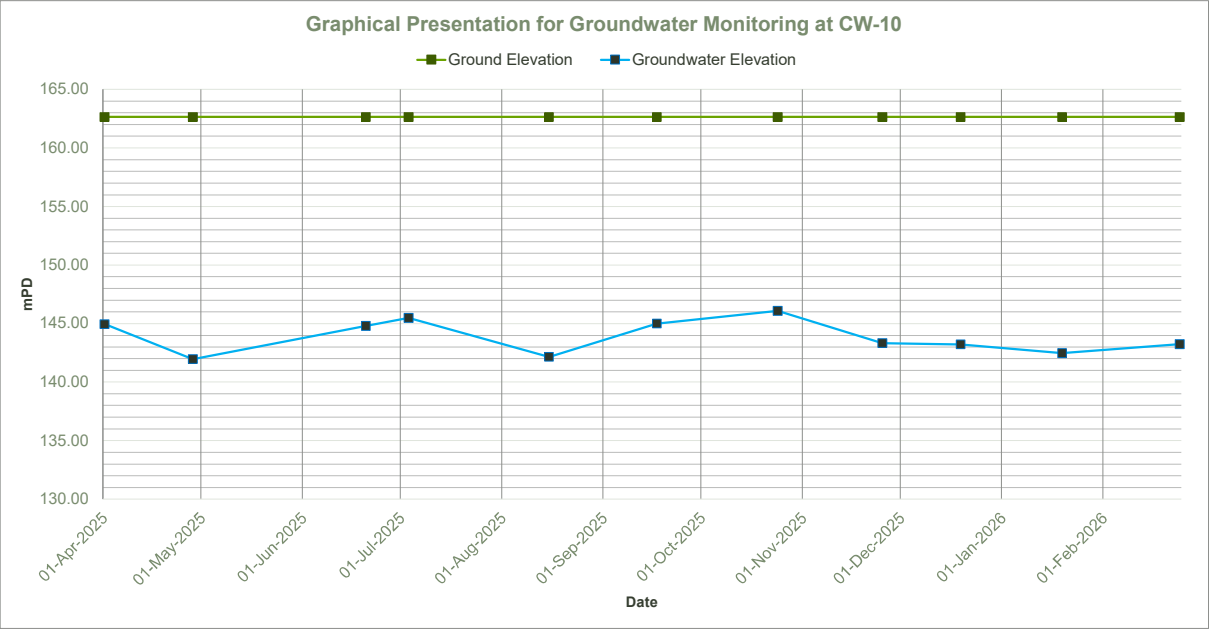


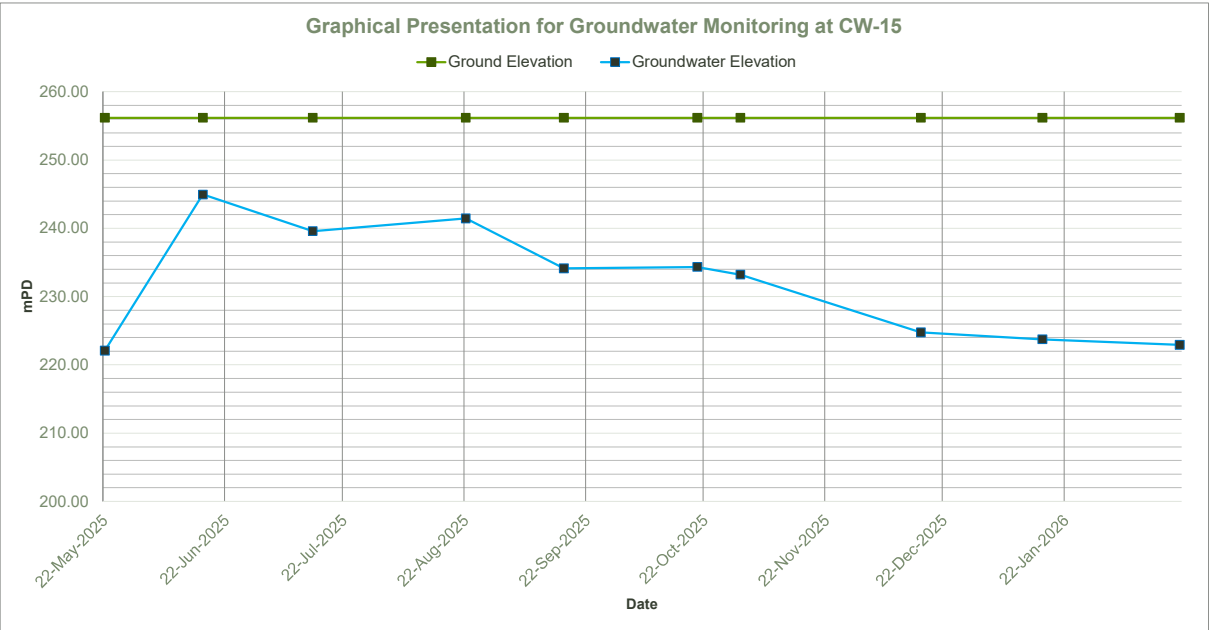
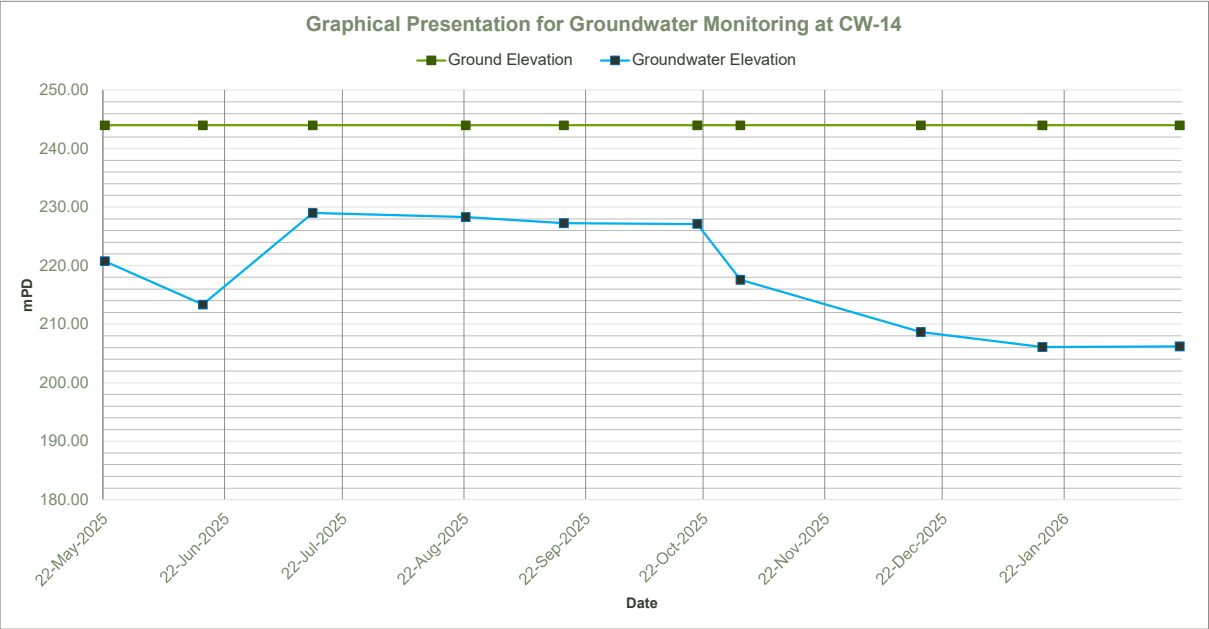
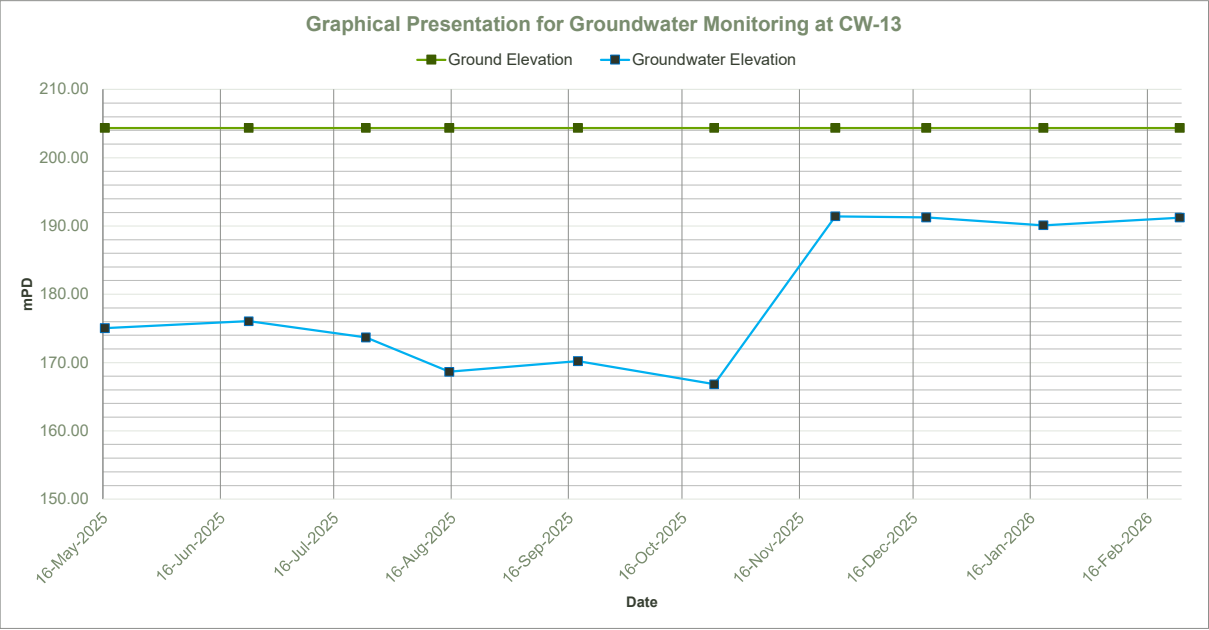


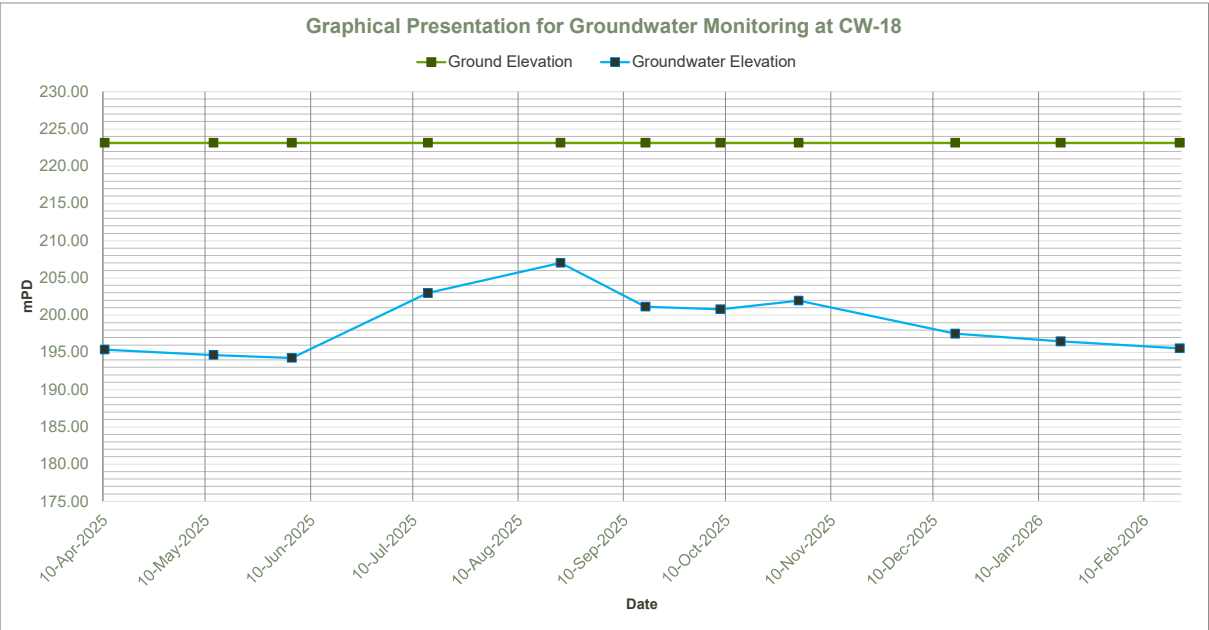
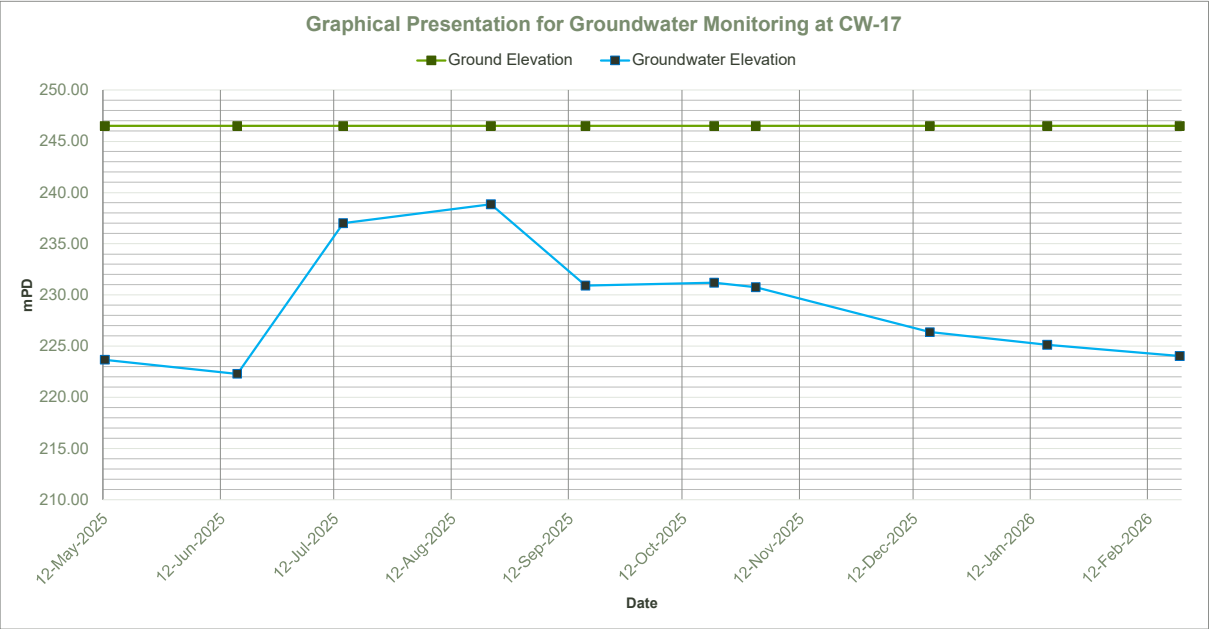
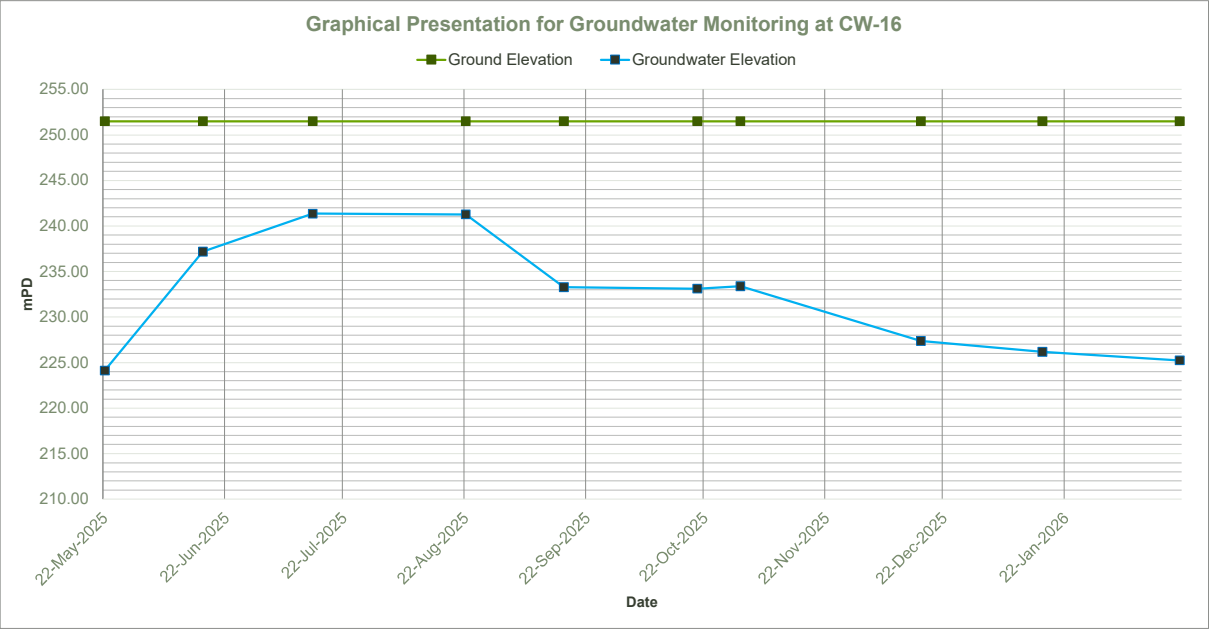


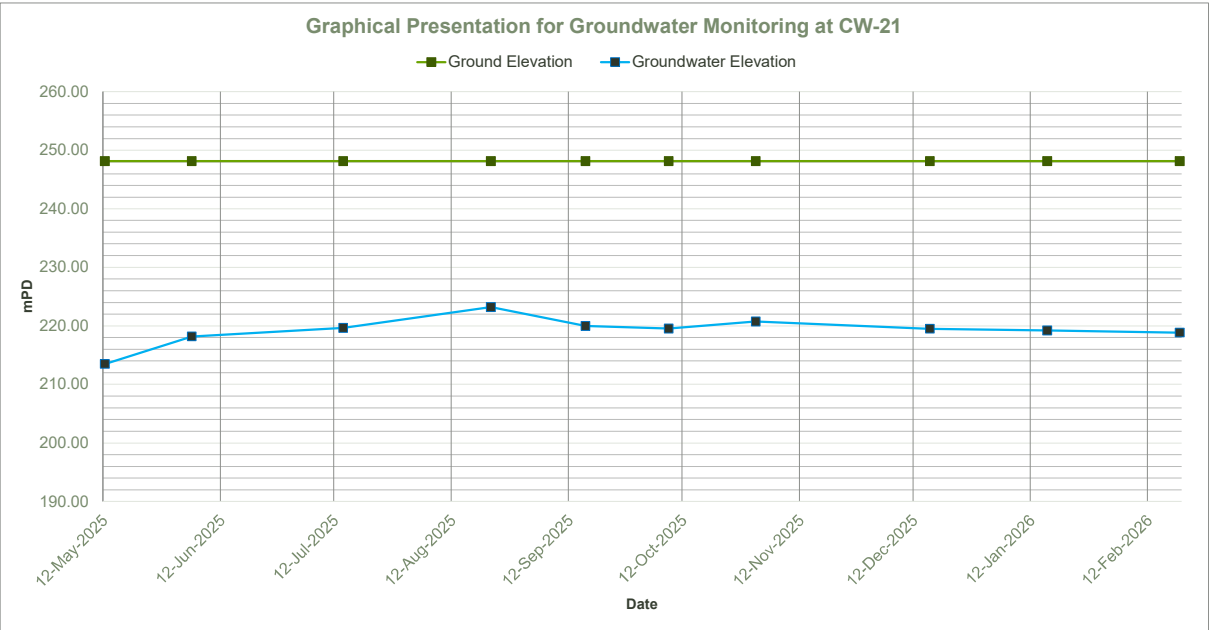
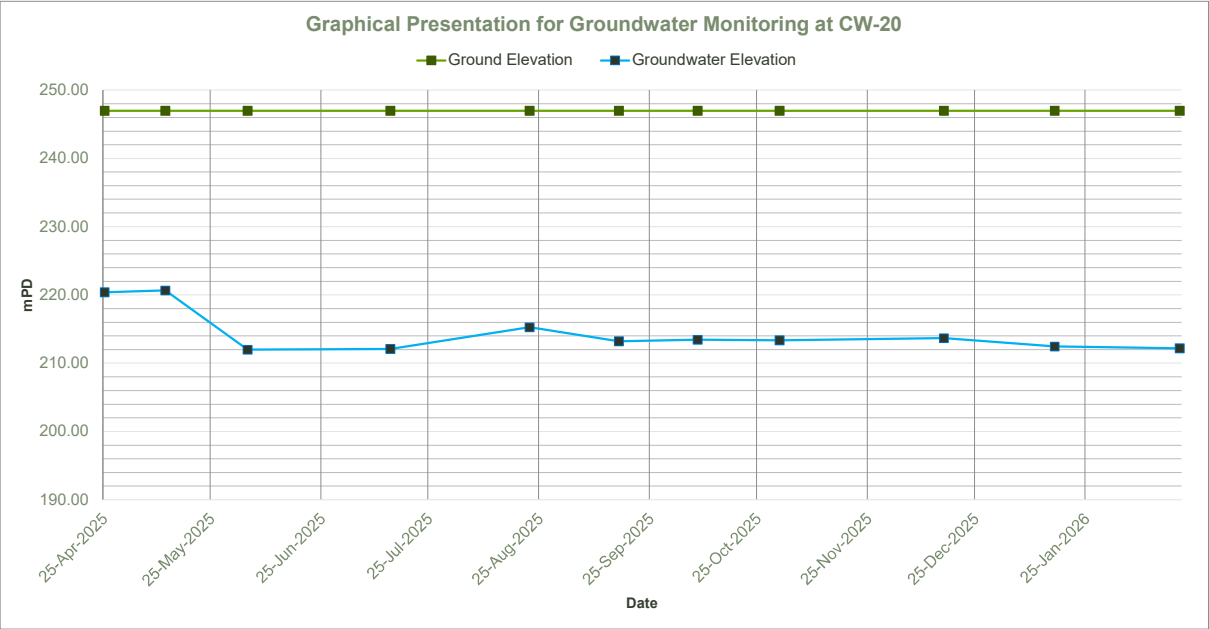
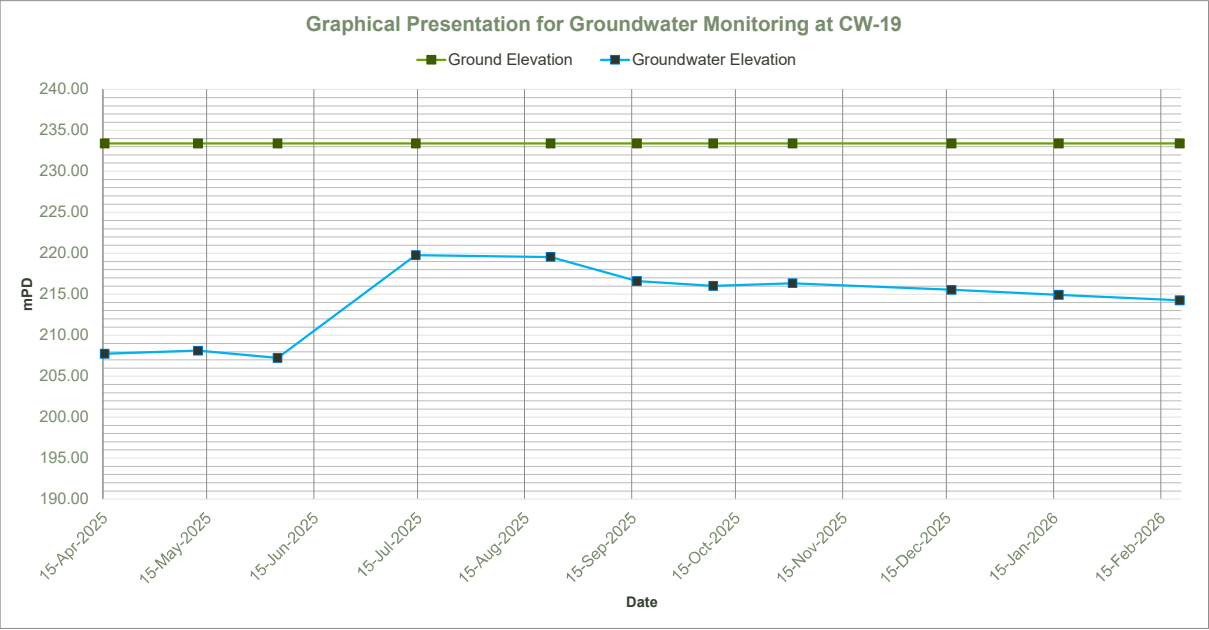


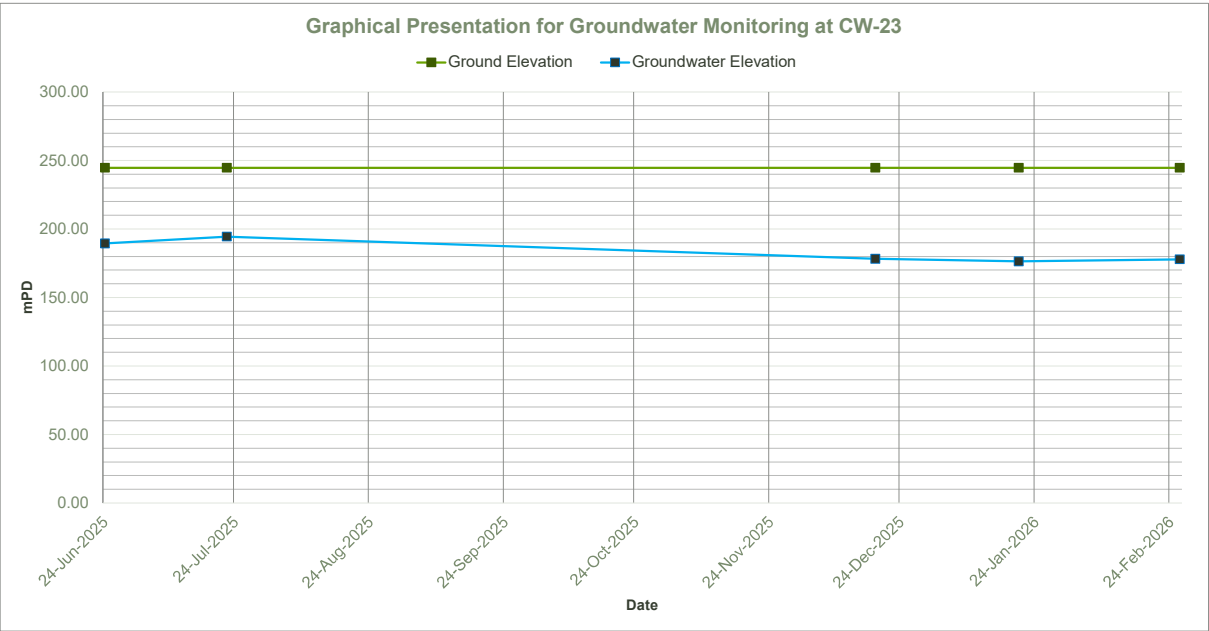
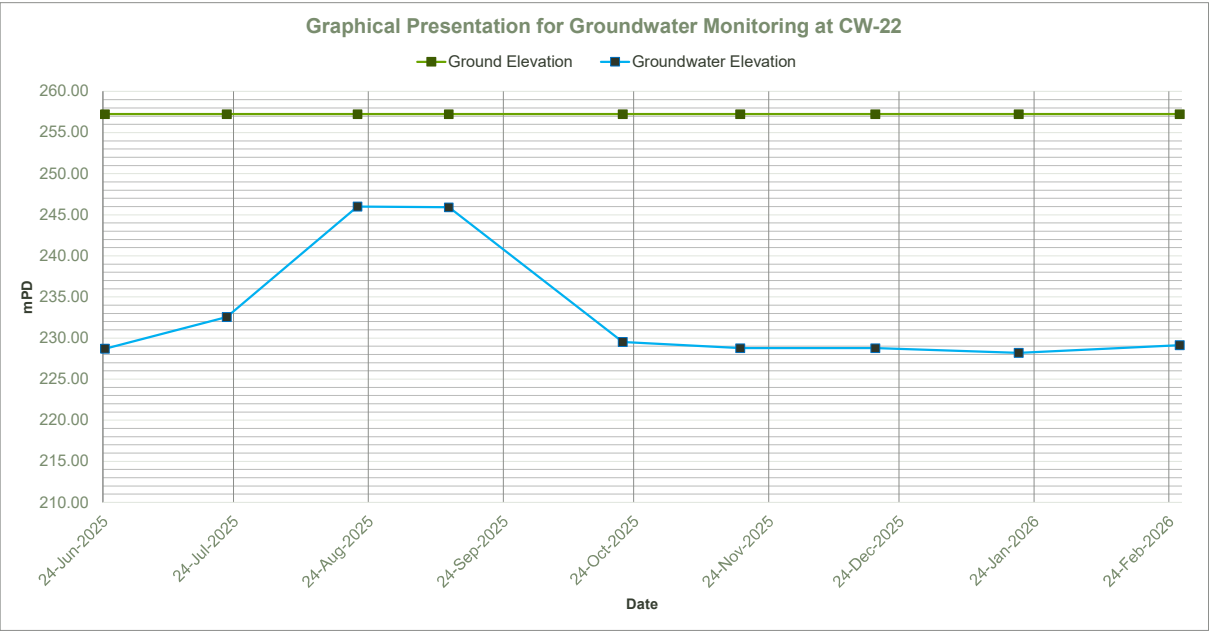




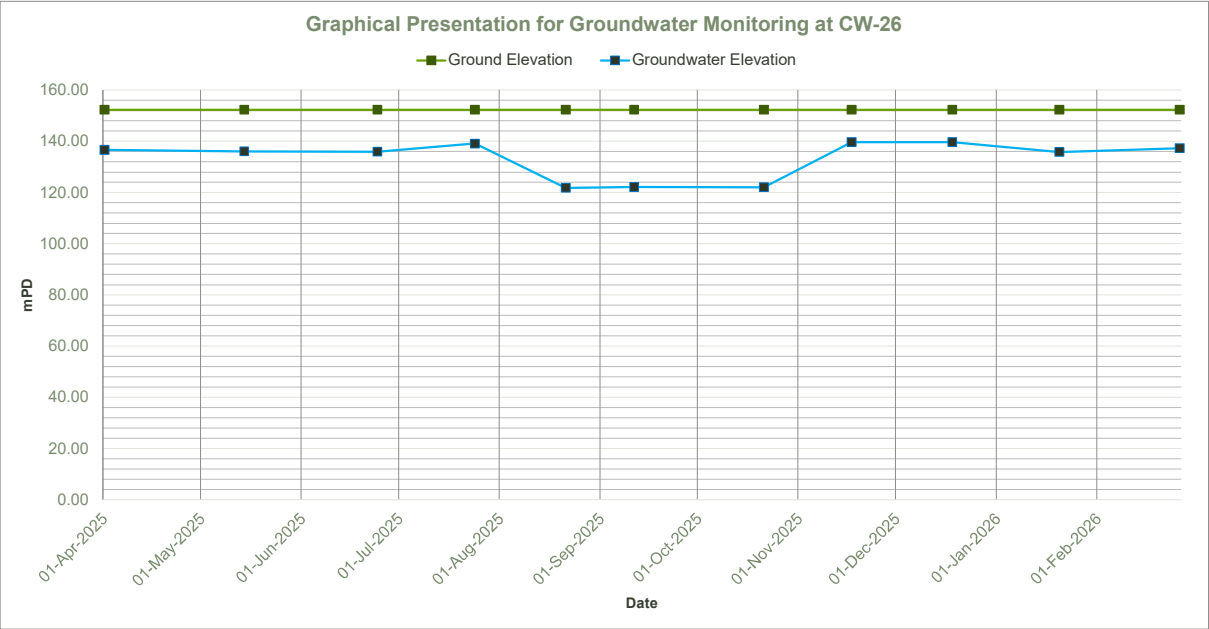
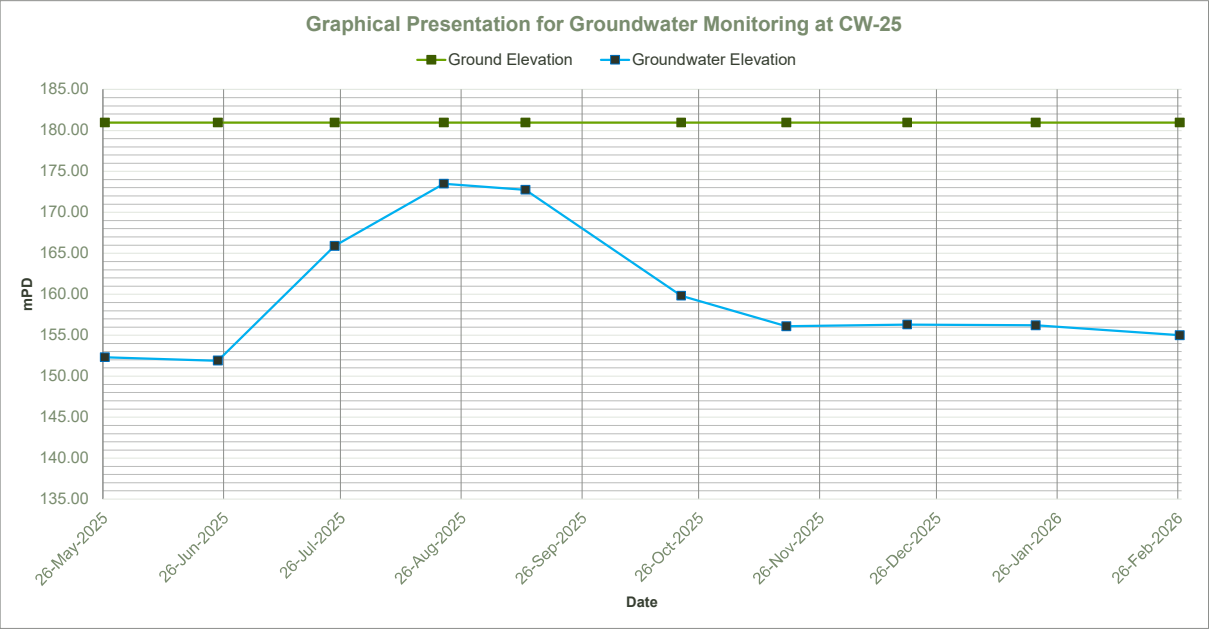




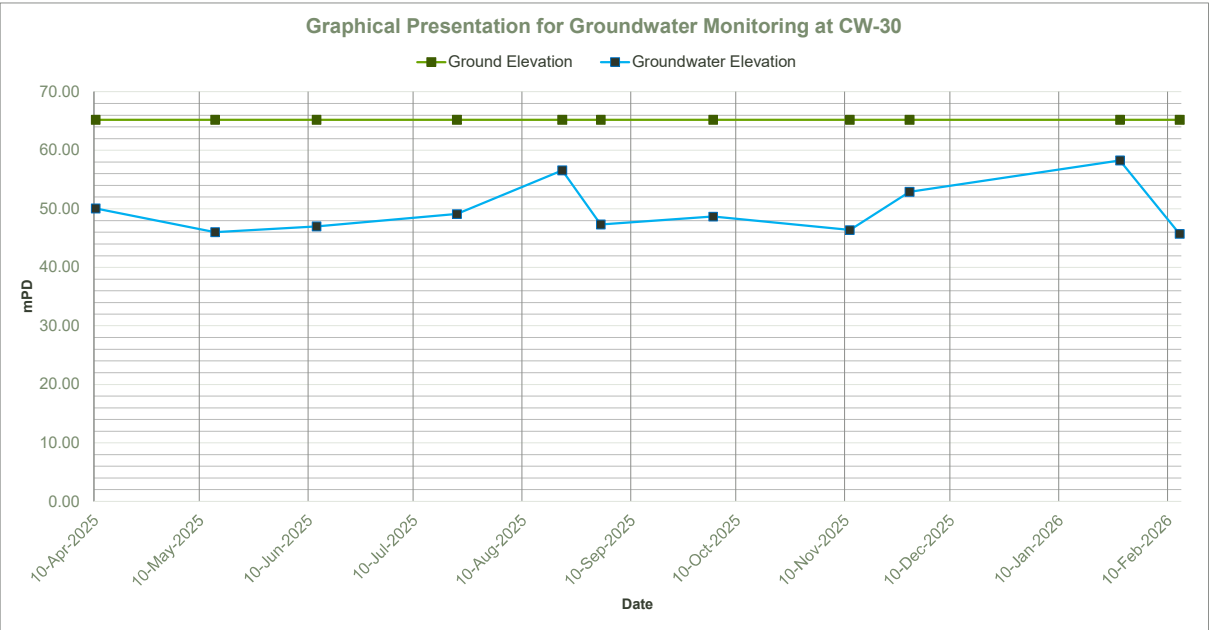
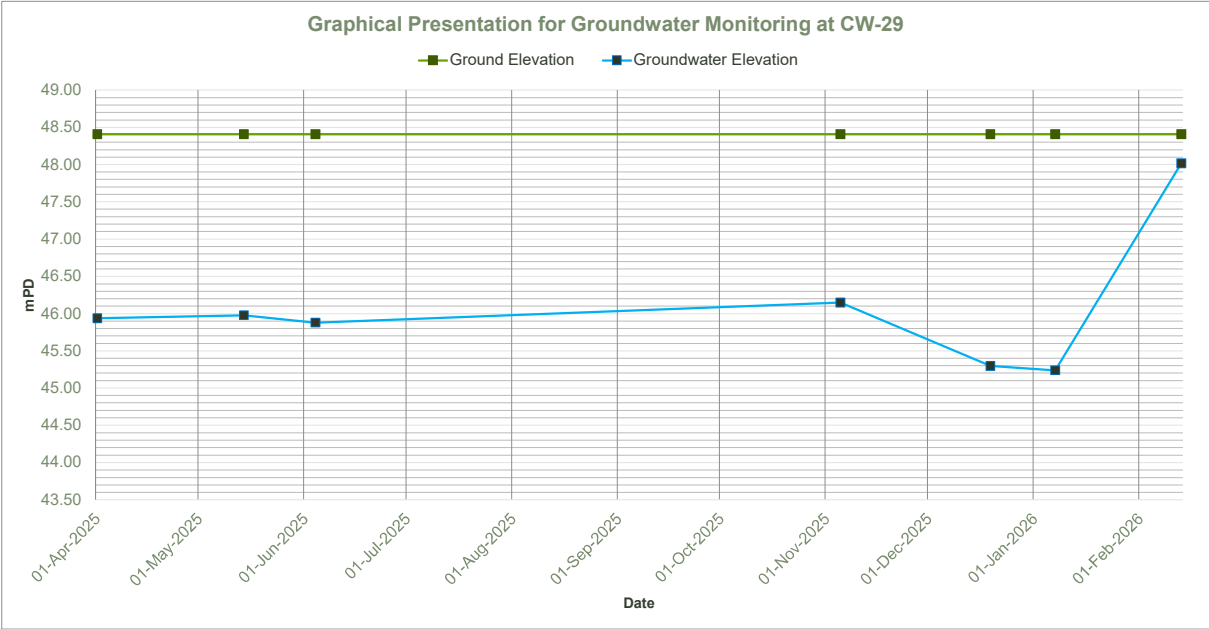
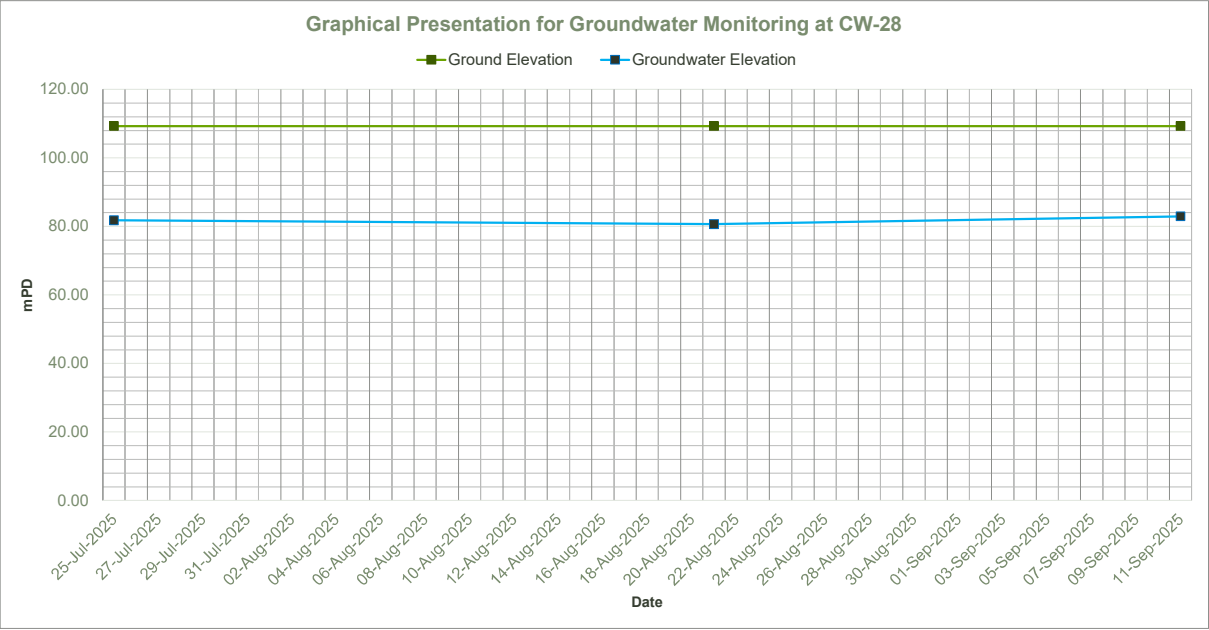


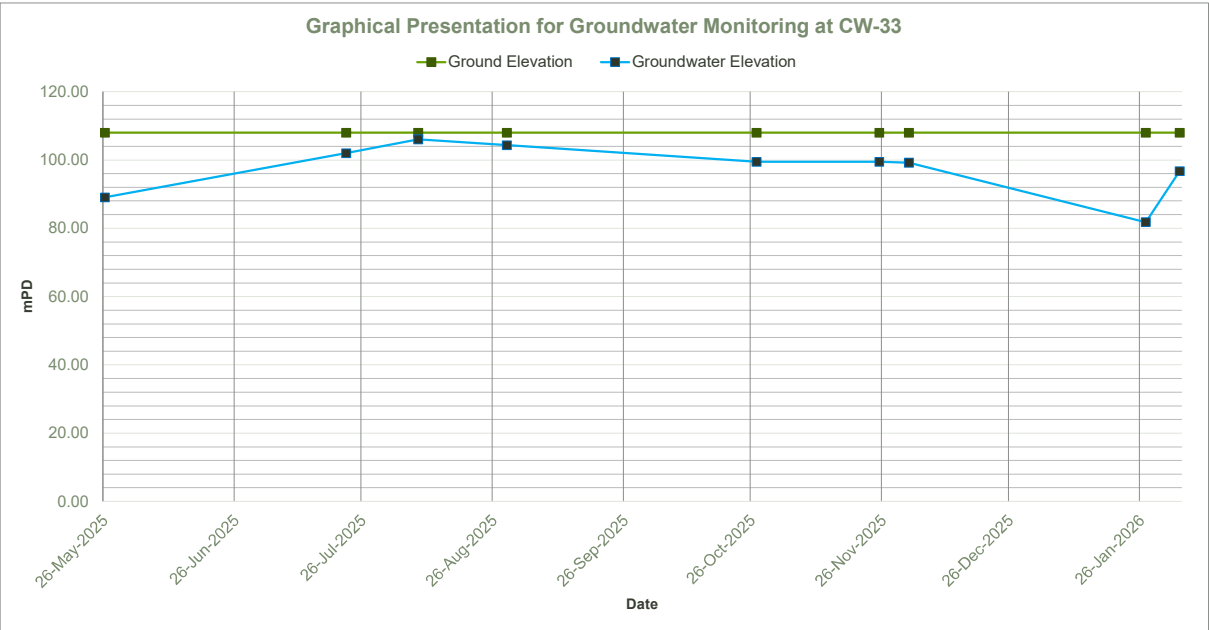
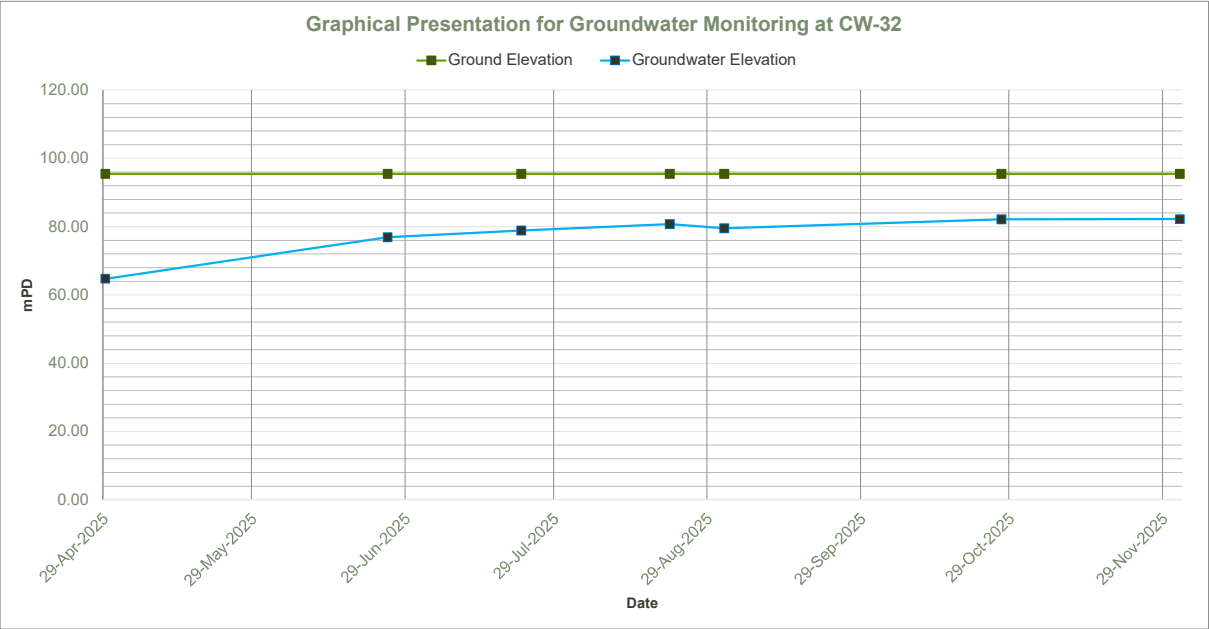
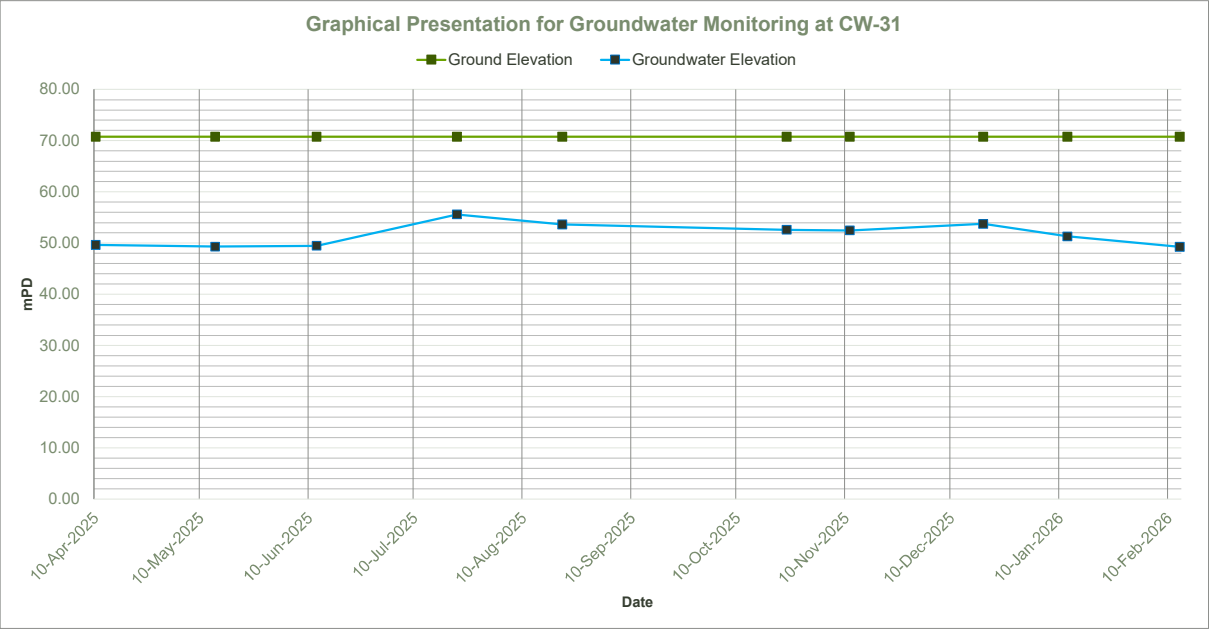


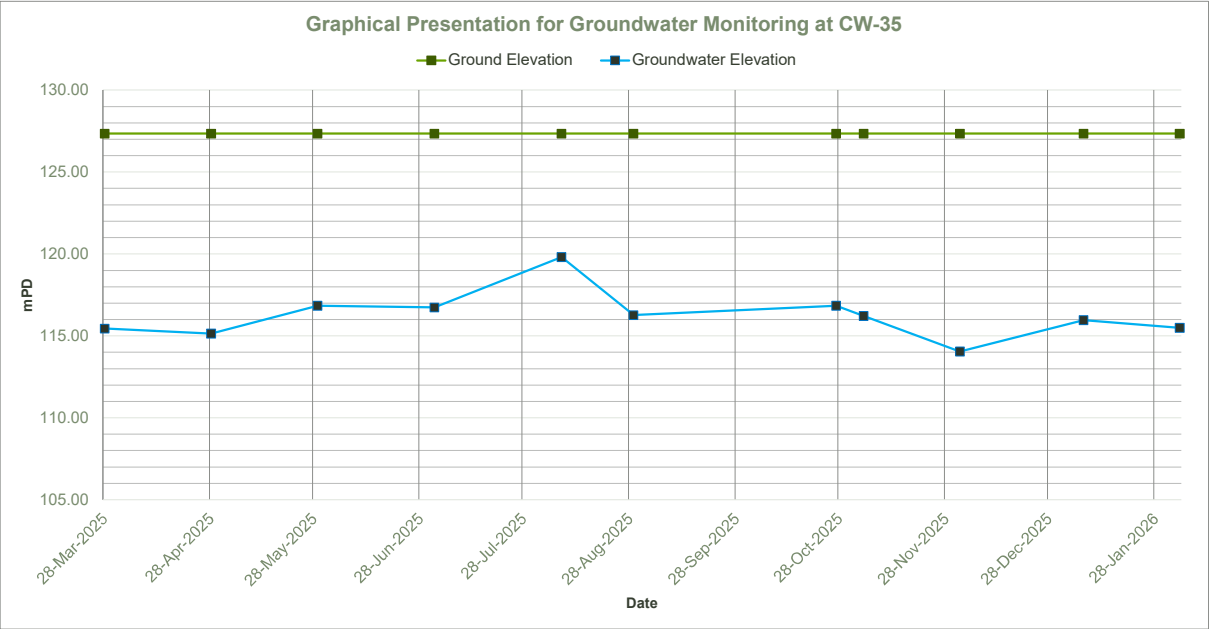
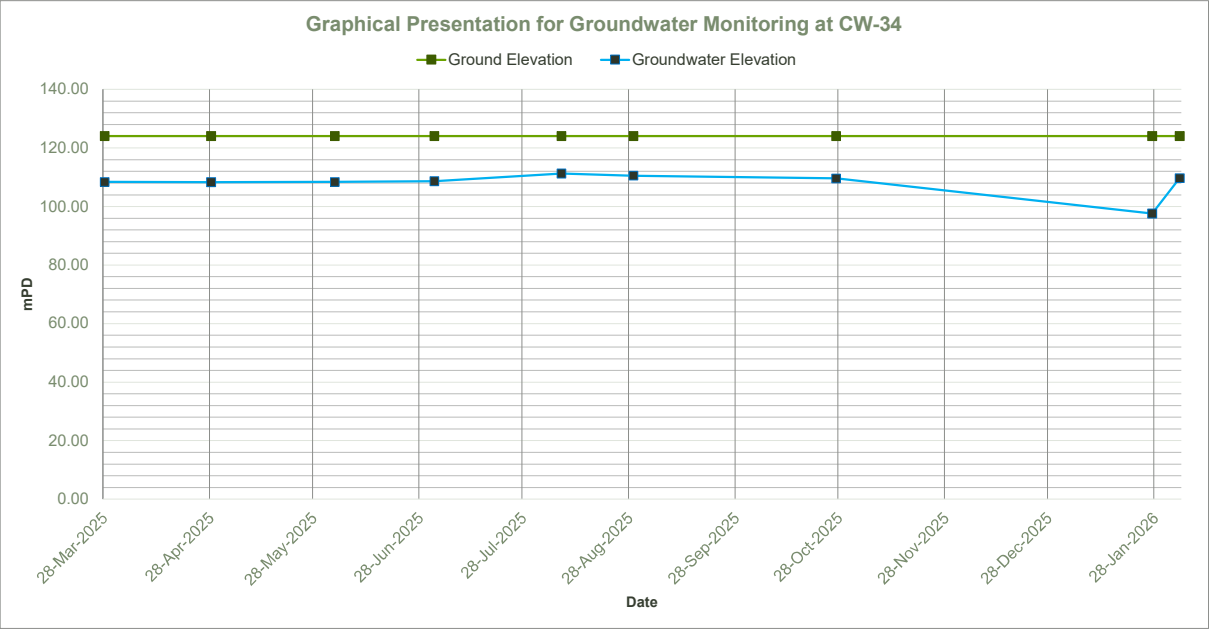
No graphical presentation for CW-24 is available as no groundwater was encountered during baseline monitoring.



No graphical presentation for CW-27 is available as no groundwater was encountered during baseline monitoring.







Document prepared by

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