Drainage Services Department

Port Shelter Sewerage, Stage 3 – Sewerage Works at Po Toi O

Quarterly EM&A Report

(Period from March to May 2025)

Prepared by

SGS Hong Kong Limited

Certified by:

Johnathan Ho

Environmental Team Leader

Verified by:

F.C. Tsang

Independent Environmental Checker

SGS Hong Kong Ltd. Units 303 & 305, 3/F, Building 22E
Phase 3, Hong Kong Science Park
Pak Shek Kok, New Territories
Hong Kong, China

Our Ref: PL-202509034

Drainage Services Department
Special Duty Division
42/F, Revenue Tower, 5 Gloucester Road,
Wan Chai, Hong Kong.

Attention: Mr. Gary CHUNG

29 September 2025

Dear Gary,

Port Shelter Sewerage, Stage3 - Sewerage Works at Po Toi O
Quarterly EM&A Report for March 2025 to May 2025

Reference is made to your submission of the Quarterly EM&A Report for March 2025 to May 2025 (Revision 02). We are pleased to inform you that we have no adverse comment on the captioned report.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours faithfully,

F.C. Tsang
Independent Environmental Checker

cc. ETL – Johnathan HO

Drainage Services Department

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Hong Kong, China

Issue and Revision Record

Revision	Description	Prepared by	Checked by	Approved by	Date
02	Submission	Various	Johnathan Ho 	Roy Hung 	Jun 2025

TABLE OF CONTENT

1. EXECUTIVE SUMMARY

1.1 This Quarterly Environmental Monitoring & Audit (EM&A) report presents the EM&A works performed in the period between March to May 2025 for "Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O".

1.2 The impact stage EM&A Programme for the Project includes air quality, noise, water quality, waste, ecology, fisheries, landscape and visual and built heritage monitoring. The recommended environmental mitigation measures were implemented on site and regular inspections were carried out to ensure that the environmental conditions are acceptable.

1.3 The EM&A programme was carried out by the ET in accordance with the EM&A Manual requirements. It is concluded from the EM&A works that adequate environmental mitigation measures have been implemented by the contractor where appropriate in the reporting quarter.

1.4 The construction commencement date of the project was revised on 27 April 2021. The construction commencement date of provision of village sewerage to the unsewered areas of Po Toi O has been revised from 1 March 2021 to 16 June 2021, and the construction commencement date of village sewerage construction of the local sewage treatment plant (STP) has been revised from 10 May 2021 to 16 June 2021. In view of the revised construction commencement date, the EM&A programme was subsequently suspended from 28 April 2021 until 16 June 2021.

Exceedance of Action and Limit Level

1.5 There was no action or limit level exceedance record of construction noise and air quality was recorded in the reporting quarter.

Implementation of Mitigation Measures

1.6 Construction phase weekly site inspections were carried out to confirm the implementation measures undertaken by the Contractor in the reporting quarter. The status of implementation of mitigation measures during the reporting quarter is shown in **Appendix E**.

Record of Complaints

1.7 No complaints, notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.

1.8 No air quality, noise and water complaints during 0700 – 1900 hours on normal weekdays was received in the reporting quarter.

Record of Notification of Summons and Successful Prosecutions

1.9 No notification of summons and successful prosecution was received in the reporting period. No public engagement activity was conducted in the reporting quarter.

2. INTRODUCTION

Project Information

2.1 Société Générale de Surveillance (SGS) Hong Kong Limited has been appointed by Drainage Services Department (DSD) as the Environmental Team (ET) to undertake the EM&A programme during construction phase of the Project in accordance to the approved EM&A Manual for the proposed sewerage works in Po Toi O (hereafter as "The Project"), an environmental enhancement project that aims to improve environmental hygiene of the Po Toi O area.

2.2 The Quarterly EM&A Report is prepared in accordance with the Section 13.6 of the EM&A Manual. This Quarterly EM&A Report presents the monitoring works conducted from 1 March to 31 May 2025. The purpose of this report is to summarize the findings in the EM&A of the project over the reporting quarter.

Project Organization

2.3 The project organization chart, key personnel contact names and numbers and lines of communication with respect to the onsite environmental management perforce is shown in **Appendix C**.

Environmental Status in the Reporting Quarter

2.4 During the reporting quarter, construction works at Po Toi O undertaken include:

- Major activities in the reporting quarter:

1. Construction of village sewer;
2. Superstructure works for Po Toi O Sewage Treatment Plant;
3. Coring of village sewer

- Major activities in the upcoming quarter:

1. Construction of village sewer;
2. Excavation works and construction of ELS for Po Toi O Sewage Treatment Plant;
3. Coring of village sewer

2.5 The Construction Works Programme of the Project is provided in **Appendix D**.

3. SUMMARY OF EM&A MONITORING REQUIREMENTS

3.1 In accordance with the EM&A Manual, environmental parameters including air quality, noise & water quality have been monitored in the reporting quarter. The specific parameters, monitoring frequency and the respective Action and Limit levels are given in **Table 3-1** and **Table 3-2**. Locations of the monitoring stations are provided in **Appendix A**.

Table 3-1 ***Summary of Impact EM&A Requirements (Air & Noise)***

Parameters[2]	Descriptions	Locations[1]	Frequencies	Action Level	Limit Level
Air Quality	24-hour TSP	AMS1N	At least once every 6 days	153 µg/m^3	260 µg/m^3
	24-hour TSP	AMS2N1		179 µg/m^3	
	24-hour TSP	AMS3N		158 µg/m^3	
	24-hour TSP	AMS4N		144 µg/m^3	
	1-hour TSP	AMS1N		319 µg/m^3	500 µg/m^3
	1-hour TSP	AMS2N1		279 µg/m^3	
	1-hour TSP	AMS3N		303 µg/m^3	
	1-hour TSP	AMS4N		278 µg/m^3	
Noise	Leq, 30 minutes	NMS1N	At least once per week	When one documented complaint is received from any one of the noise sensitive receivers	75 dB(A)*
	Leq, 30 minutes	NMS2N1			
	Leq, 30 minutes	NMS3N			
	Leq, 30 minutes	NMS4N			

Notes:
1- Due to several limitations (i.e. EM&A approved monitoring stations not accessible) identified at the air quality and noise monitoring stations in the Approved EM&A Manual for the Project, the monitoring location AMS1 – AMS4 & NMS1 – NMS4 were replaced by alternative monitoring location AMS1N – AMS4N & NMS1N – NMS4N, which was approved by ER and IEC.

Table 3-2 ***Summary of Impact EM&A Requirements (Water Quality)***

Parameters[2]	Descriptions	Locations[1]	Frequencies	DO AL	TUBIDITY AL	SS AL	DO LL	TUBIDITY LL	SS LL
Water Quality	Turbidity (NTU) DO (mg/L and % Of Saturation) SS (mg/L)	WMS1N	3 Days Per Week (The Interval Between Two Sets of Monitoring Shall Not Be Less Than 36 Hours.)	7.57 (S&M) 7.50 (B)	1.11	10	7.55 (S&M) 7.45 (B)	1.90	12
		WMS2N		7.58 (S&M) 7.49 (B)	1.60	9	7.51 (S&M) 7.36 (B)	2.50	12
		WMS3		7.62 (S&M)	1.30	10	7.49 (S&M)	1.50	12
		WMS4		7.73 (S&M)	1.47	9	7.53 (S&M)	1.75	10
		WMS5		7.62 (S&M)	1.50	8.65	7.60 (S&M)	1.70	12
		WMS6		7.56 (S&M) 7.41 (B)	1.40	9	7.42 (S&M) 7.37 (B)	1.70	11
		I1		7.52 (S&M) 7.50 (B)	1.55	11.45	7.40 (S&M) 7.44 (B)	2.03	15
		I2		7.59 (S&M) 7.53 (B)	1.15	10	7.04 (S&M) 7.51 (B)	1.80	12

Environmental Mitigation Measures

3.2 Environmental mitigation measures have been recommended in the EM&A Manual. Summary implementation status of the environmental mitigation measures is provided in **Appendix E**.

4. SUMMARY OF EM&A MONITORING RESULTS

4.1 In accordance with the EM&A Manual, impact monitoring has been conducted in the reporting quarter. Meteorological data for the reporting quarter have been extracted from Hong Kong Observatory and present in **Appendix F.** Monitoring data with graphical presentation for the reporting quarter are show in **Appendix G.** A summary on the monitoring results is presented in **Table 4-1**.

Table 4-1 Summary of Monitoring Data

Parameter[1]	Monitoring Location	Minimum	Maximum	Average
Air Quality				
24-hour TSP	AMS1N	21 µg/m^3	61 µg/m^3	34.2 µg/m^3
24-hour TSP	AMS2N1	23 µg/m^3	62 µg/m^3	36.5 µg/m^3
24-hour TSP	AMS3N	24 µg/m^3	58 µg/m^3	38.7 µg/m^3
24-hour TSP	AMS4N	17 µg/m^3	50 µg/m^3	30.6 µg/m^3
1-hour TSP	AMS1N	18 µg/m^3	83 µg/m^3	35.6 µg/m^3
1-hour TSP	AMS2N1	18 µg/m^3	66 µg/m^3	36.3 µg/m^3
1-hour TSP	AMS3N	19 µg/m^3	99 µg/m^3	41.4 µg/m^3
1-hour TSP	AMS4N	17 µg/m^3	53 µg/m^3	29.7 µg/m^3
Construction Noise				
Leq(30min)	NMS1N	65.0 dB(A)	66.3 dB(A)	65.8 dB(A)
Leq(30min)	NMS2N1	60.0 dB(A)	67.4 dB(A)	64.1 dB(A)
Leq(30min)	NMS3N	62.9 dB(A)	66.3 dB(A)	64.6 dB(A)
Leq(30min)	NMS4N	50.5 dB(A)	55.8 dB(A)	53.4 dB(A)

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

Other Influencing Factors of the Monitoring Results

Air quality monitoring

4.2 Major emission sources during air quality monitoring in the reporting quarter were mainly vehicle emission from Po Toi O Chuen Road and nearby residents' activities.

Noise monitoring

4.3 Major noise sources during noise monitoring in the reporting quarter were mainly road traffic noise.

Monitoring Exceedances

4.4 Summary of the exceedances in the reporting quarter is tabulated in **Table 4-2** and **Table 4-3**.

Table 4-2 Exceedance Summary for Air and Noise Monitoring

Monitoring Station	Parameter	No. of Exceedance		Action Taken
		Action Level	Limit Level	
Air Quality				
AMS1N	24-hour TSP	0	0	N/A
AMS2N1	24-hour TSP	0	0	N/A
AMS3N	24-hour TSP	0	0	N/A
AMS4N	24-hour TSP	0	0	N/A
AMS1N	1-hour TSP	0	0	N/A
AMS2N1	1-hour TSP	0	0	N/A
AMS3N	1-hour TSP	0	0	N/A
AMS4N	1-hour TSP	0	0	N/A
Construction Noise				
NMS1N	Leq(30min)	0	0	N/A

NMS2N1	Leq(30min)	0	0	N/A
NMS3N	Leq(30min)	0	0	N/A
NMS4N	Leq(30min)	0	0	N/A

1-hour TSP Monitoring

4.5 All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

24-hour TSP Monitoring

4.6 All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

Construction Noise Monitoring

4.7 All construction noise monitoring was conducted as scheduled in the reporting quarter. No action/ limit level exceedance was recorded.

5. WASTE MANAGEMENT

5.1 As advised by the Contractor, 0 m^3 of inert C&D material was generated and disposal to Tseung Kwan O Area 137 Fill Bank (TKO137FB) in the reporting quarter. For C&D wastes, 0 m^3 of general refuse was disposed of at NENT landfill, 0 kg waste were collected by recycling contractors, and 0 kg of chemical wastes was collected by licensed Contractors in the reporting quarter.

5.2 The detailed summary of waste flow is show in **Appendix H**.

6. ENVIRONMENTAL NON-CONFORMANCE

6.1 For this reporting quarter, no environmental complaint was received.

6.2 No non-compliance and environmental related prosecution or notification of summons was received. There was no breach of Action or Limit Levels for Air Quality and Noise monitoring in the reporting quarter. Exceedance of suspended solids (SS) were recorded, investigated and no project related exceedances were identified.

6.3 Statistics on complaints, notifications of summons, successful prosecutions and public engagement activities are summarized in **Appendix I**.

7. COMMENTS, RECOMMENDATIONS AND CONCLUSION

Comments

7.1 Based on the observations made during site audits and construction dust and noise monitoring results, no non-compliances and exceedances of air quality and noise limits were recorded. Water quality exceedances were recorded and investigated and no project related exceedances were recorded.

Recommendations

7.2 Reviewing the implementation of the recommended mitigation measures in the EM&A Manual, it was observed that they were effective and efficient in controlling the potential impacts due to construction of the project during the reporting quarterly. Review of the effectiveness and efficiency of the EM&A programme will continue, and recommendations will be provided to remediate any potential impacts due to the project and to improve the EM&A programme if deficiencies of the existing EM&A programme are identified.

Conclusion

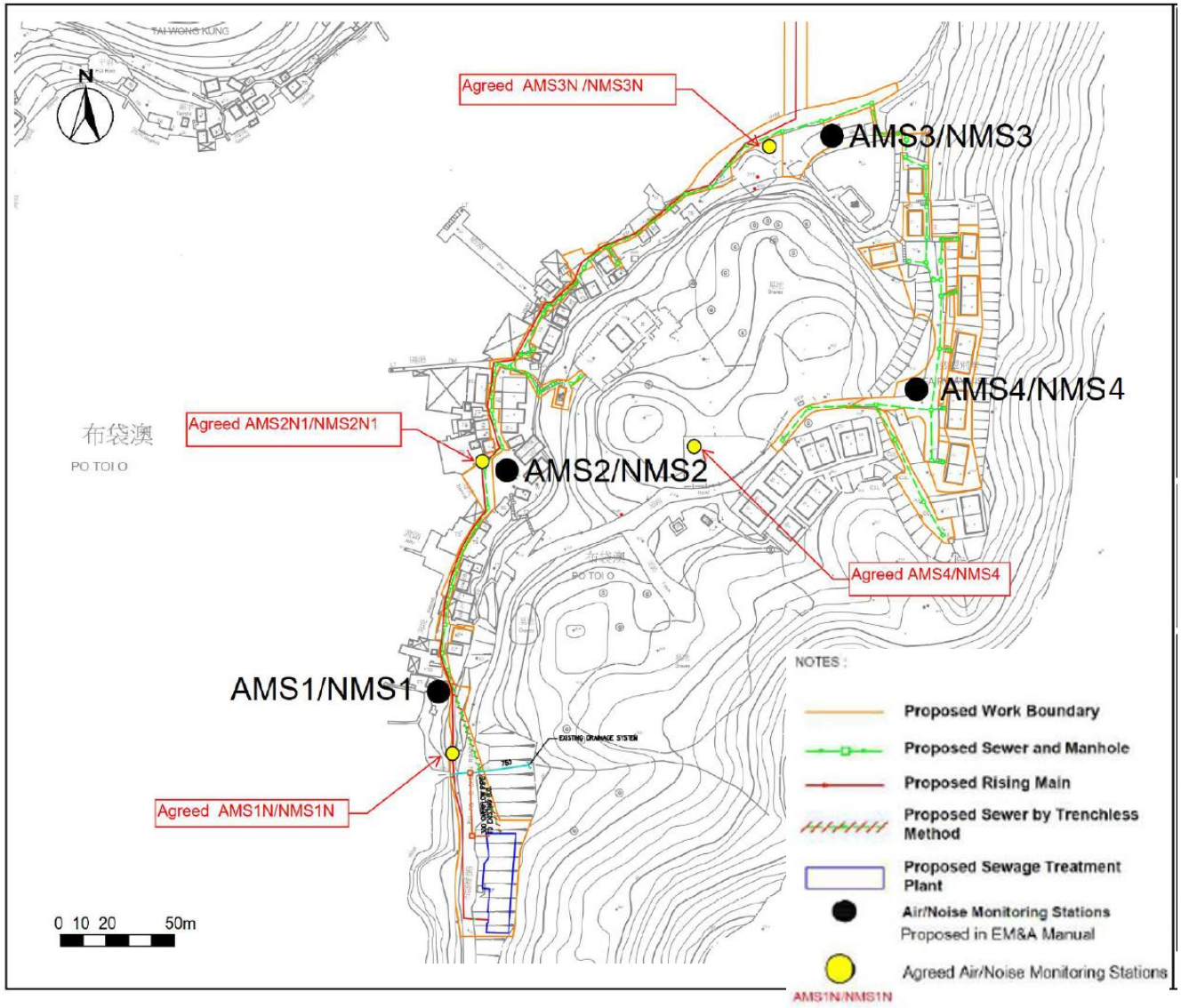
7.3 The EM&A programme as recommended in the EM&A Manual has been undertaken since the construction works of Port Shelter Sewerage, Stage 3 – Sewerage works at Po Toi O works commenced on 1 March 2021.

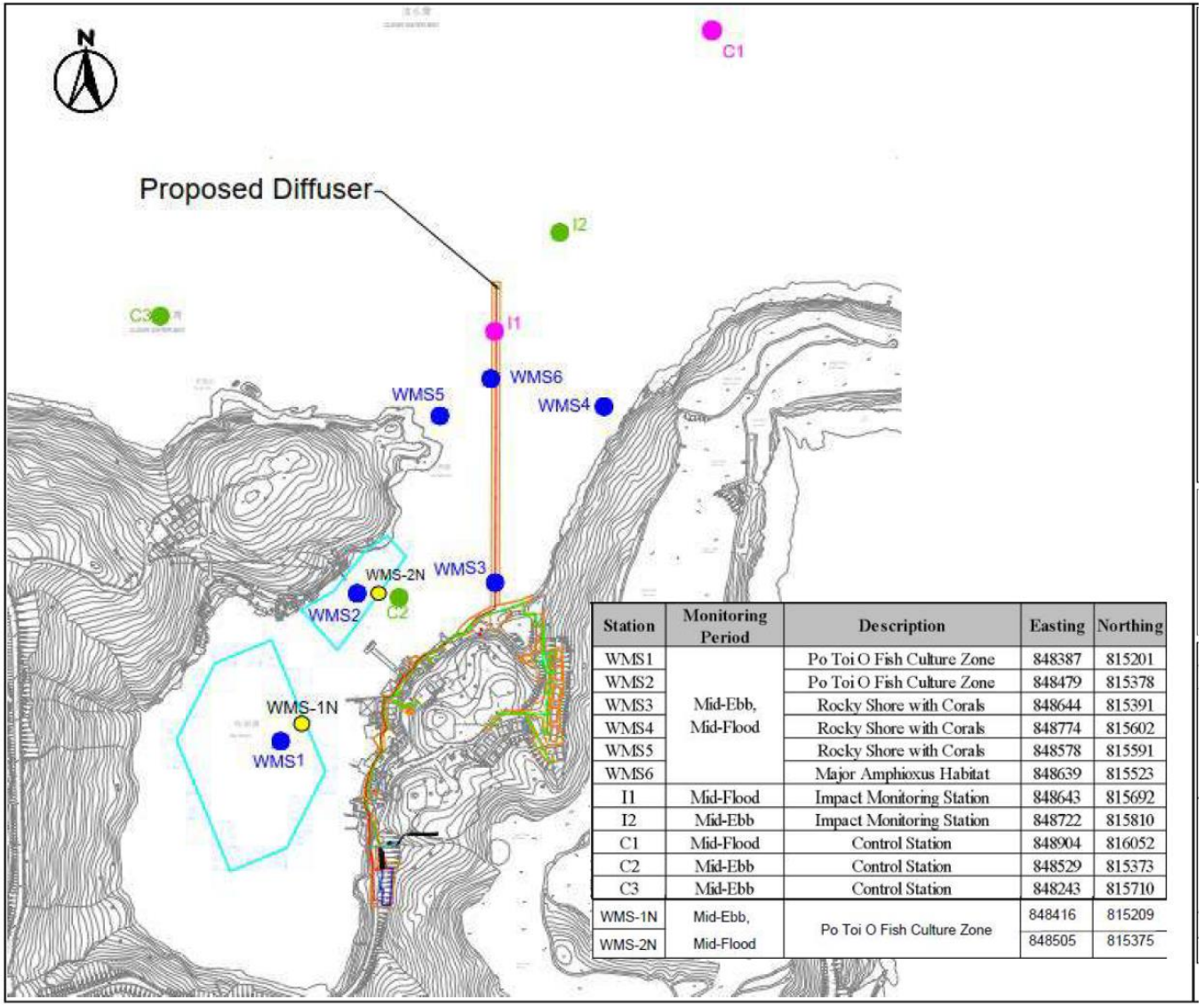
7.4 Monitoring of air quality and noise with respect to the Project is underway. In particular, the 1-hour TSP, 24-hour TSP, noise level (as Leq, 30 minutes). There was no breach of Action and Limit Levels for 1-hour TSP, 24-hour TSP and noise monitoring in the reporting quarter.

7.5 No complaint was received during the reporting quarter.

7.6 No notifications of summons or successful prosecution were received during the reporting quarter.

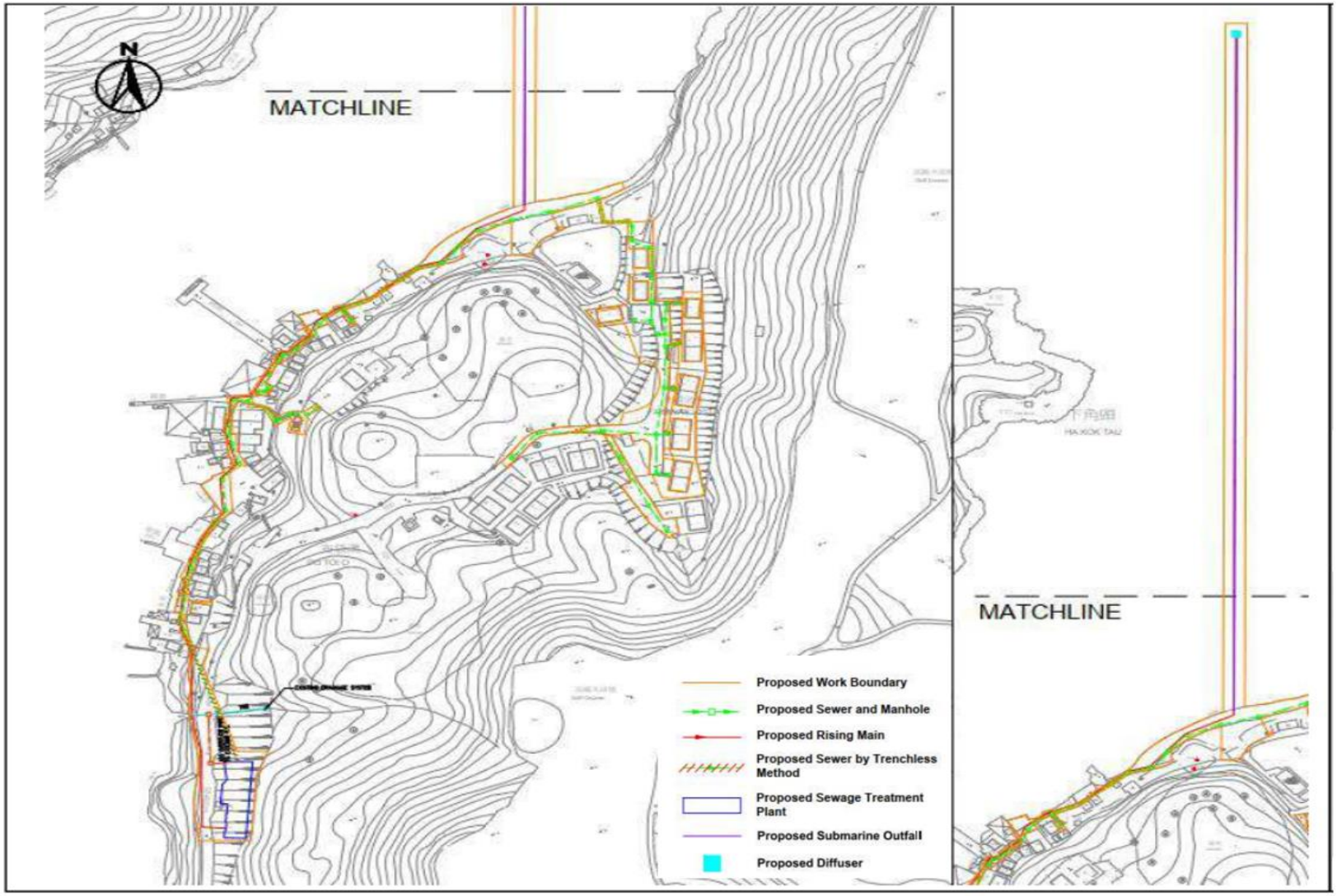
APPENDIX A - LOCATION OF THE MONITORINGAND CONTROL STATIONS


Agreed AMS3N /NMS3N
AMS3/NMS3
AMS4/NMS4
Agreed AMS2N1/NMS2N1
布袋澳
PO TOI O
AMS2/NMS2
Agreed AMS4/NMS4
AMS1/NMS1
Agreed AMS1N/NMS1N
0 10 20 50m
NOTES :
Proposed Work Boundary
Proposed Sewer and Manhole
Proposed Rising Main
Proposed Sewer by Trenchless Method
Proposed Sewage Treatment Plant
Air/Noise Monitoring Stations Proposed in EM&A Manual
Agreed Air/Noise Monitoring Stations
AMS1N/NMS1N

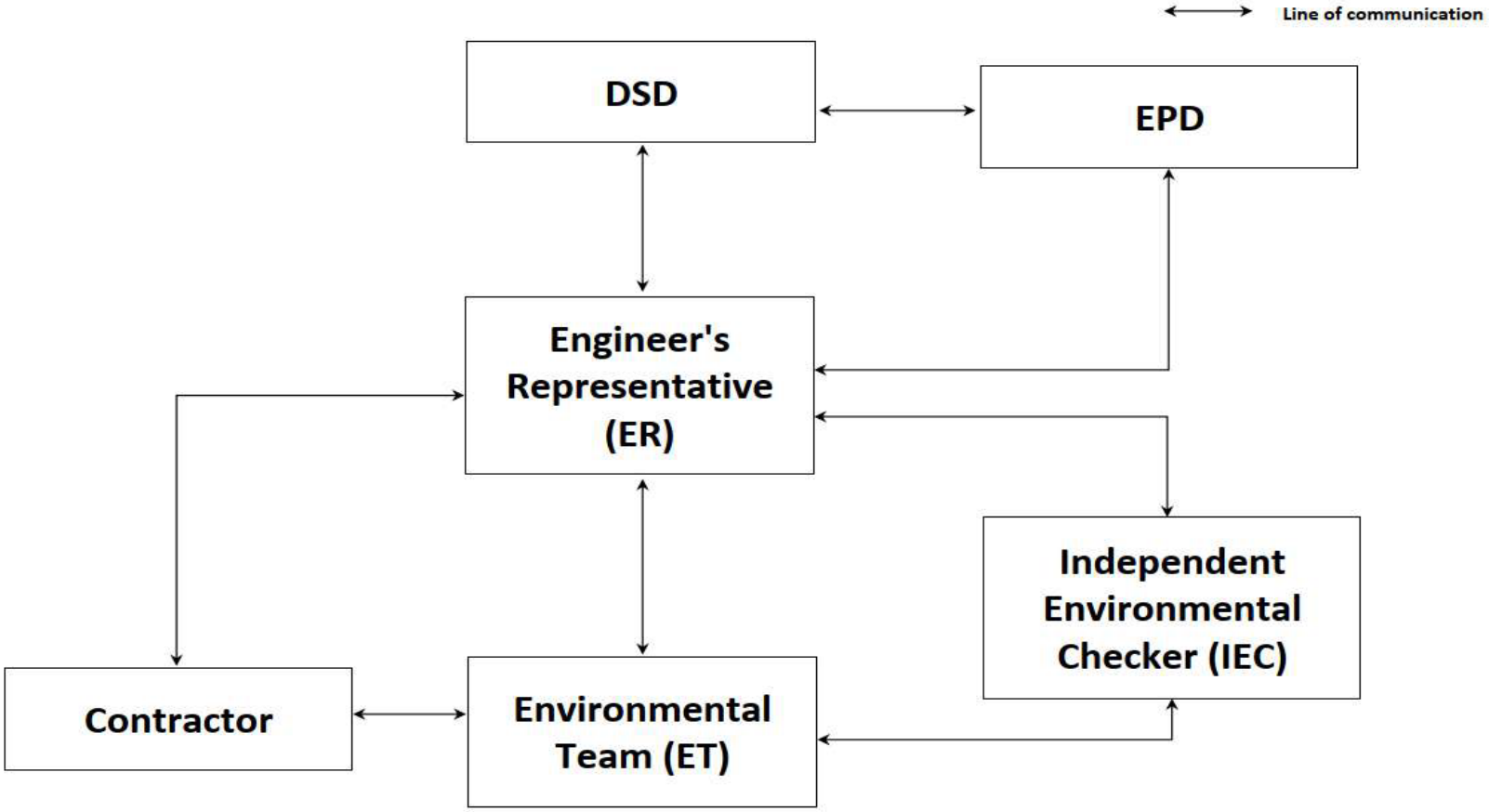


Station	Monitoring Period	Description	Easting	Northing
WMS1	Mid-Ebb, Mid-Flood	Po Toi O Fish Culture Zone	848387	815201
WMS2		Po Toi O Fish Culture Zone	848479	815378
WMS3		Rocky Shore with Corals	848644	815391
WMS4		Rocky Shore with Corals	848774	815602
WMS5		Rocky Shore with Corals	848578	815591
WMS6		Major Amphioxus Habitat	848639	815523
I1	Mid-Flood	Impact Monitoring Station	848643	815692
I2	Mid-Ebb	Impact Monitoring Station	848722	815810
C1	Mid-Flood	Control Station	848904	816052
C2	Mid-Ebb	Control Station	848529	815373
C3	Mid-Ebb	Control Station	848243	815710
WMS-1N	Mid-Ebb, Mid-Flood	Po Toi O Fish Culture Zone	848416	815209
WMS-2N			848505	815375

APPENDIX B - LAYOUT PLAN OF PROJECT AREA


N
MATCHLINE
MATCHLINE
Proposed Work Boundary
Proposed Sewer and Manhole
Proposed Rising Main
Proposed Sewer by Trenchless Method
Proposed Sewage Treatment Plant
Proposed Submarine Outfall
Proposed Diffuser

APPENDIX C - PROJECT ORGANIZATION CHART & CONTACT INFORMATION OF KEY PERSONNEL


Line of communication
DSD
EPD
Engineer's Representative (ER)
Independent Environmental Checker (IEC)
Contractor
Environmental Team (ET)

Position	Party	Name	Telephone
Project Proponent	Drainage Services Department (DSD)	Mr. Gary Chung	2594 7227
Senior Resident Engineer (SRE)	Binnies Hong Kong Limited (Binnies)	Mr. Eugene Chan	6392 3809
Independent Environmental Checker (IEC)	Aurecon Hong Kong Limited (Aurecon)	Dr. F.C. Tsang	2698 8060
Environmental Team (ET)	Société Générale de Surveillance (SGS) Hong Kong Limited	Mr. Johnathan Ho	9236 5528
Environmental Officer	China Geo-engineering Corporation (CGC)	Mr. Alex Chow	5918 9179
Hotline Telephone Number			6902 2820

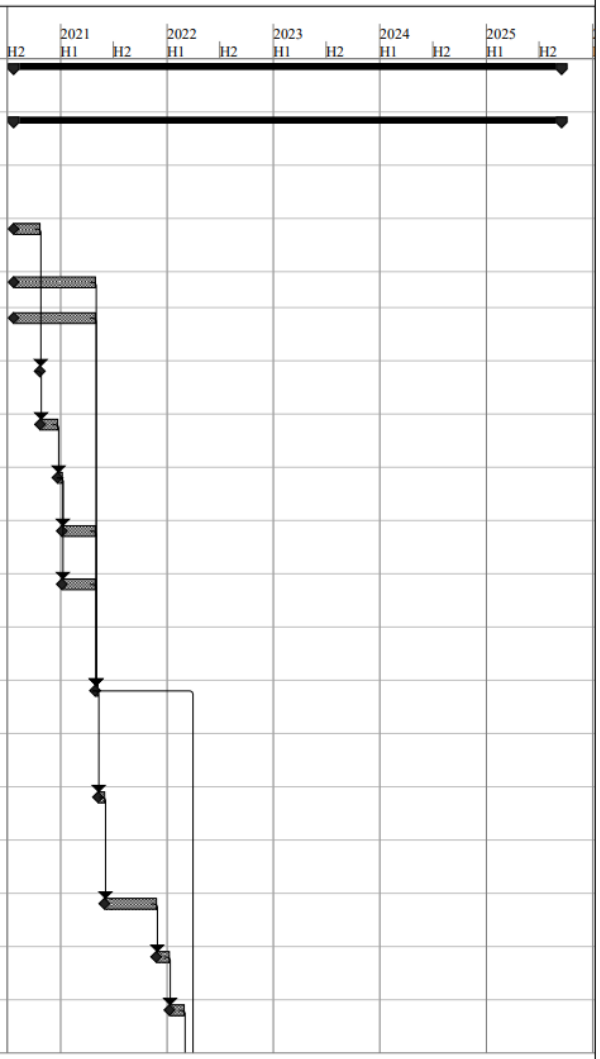
APPENDIX D – CONSTRUCTION WORK PROGRAMM

Project: Provision of Village Sewerage in Sai Kung

Drainage Services Department of HKSAR
Provision of Village Sewerage in Sai Kung
Contract No: DC/2019/09
Works Programme for PTO

Date: Jan 2025

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA	Predecessors	TRA	Text10
1	**Section 2 - Village Sewerage Works at Po Toi O and PTOSTP**	**1545 days**	**Fri 24/7/20**	**0%**	**Tue 16/9/25**				
2	**Po Toi O Sewage Treatment Plant (PTOSTP)**	**1545 days**	**Fri 24/7/20**	**0%**	**Tue 16/9/25**				
3									
4	Liaise with the village representative works to ensure the possession of construction site	75 days	Fri 24/7/20	0%	Wed 21/10/20				
5	Preperation works (i.e. TMLG meetings; Application for traffic advice for suspension of existing parking slot; Re-provision of existing RCP, etc.)	231 days	Fri 24/7/20	0%	Thu 29/4/21				
6	Environmental submissions	231 days	Fri 24/7/20	0%	Thu 29/4/21				
7	Possession of site (Access Date: 22nd October 2020)	1 day	Thu 22/10/20	0%	Thu 22/10/20		4		
8	Installation of site hoardings at PTOSTP	50 days	Fri 23/10/20	0%	Mon 21/12/20		7		
9	Mobilization of plant and equipment	10 days	Tue 22/12/20	0%	Tue 5/1/21		8		
10	Site clearance	95 days	Wed 6/1/21	0%	Thu 29/4/21		9		
11	Initial survey, UU detection and permit-to-dig	95 days	Wed 6/1/21	0%	Thu 29/4/21		9		
12									
13	Preparation for geotechnical submissions	7 days	Fri 30/4/21	0%	Sat 8/5/21		11,10,5,6		
14									
15	Liaison with PTO VR	18 days	Mon 10/5/21	0%	Mon 31/5/21		13		
16									
17	Slope cutting (Total 2850 m3 solid materials to be removed, i.e. about 4275 m3 loosen materials. 23.8m3 loosen materials to be removed per day, i.e. 4 trips of dumping per day)(installation of silt curtain at the outlet of the box culvert)	148 days	Tue 1/6/21	0%	Thu 25/11/21		15		
18	Installation of rock dowl (include drilling, rebar installation and grouting, etc.)	35 days	Fri 26/11/21	0%	Sat 8/1/22		17		
19	Construction of anchorages for flexible barrier	40 days	Mon 10/1/22	0%	Mon 28/2/22		18		



Project:DC/2019/09

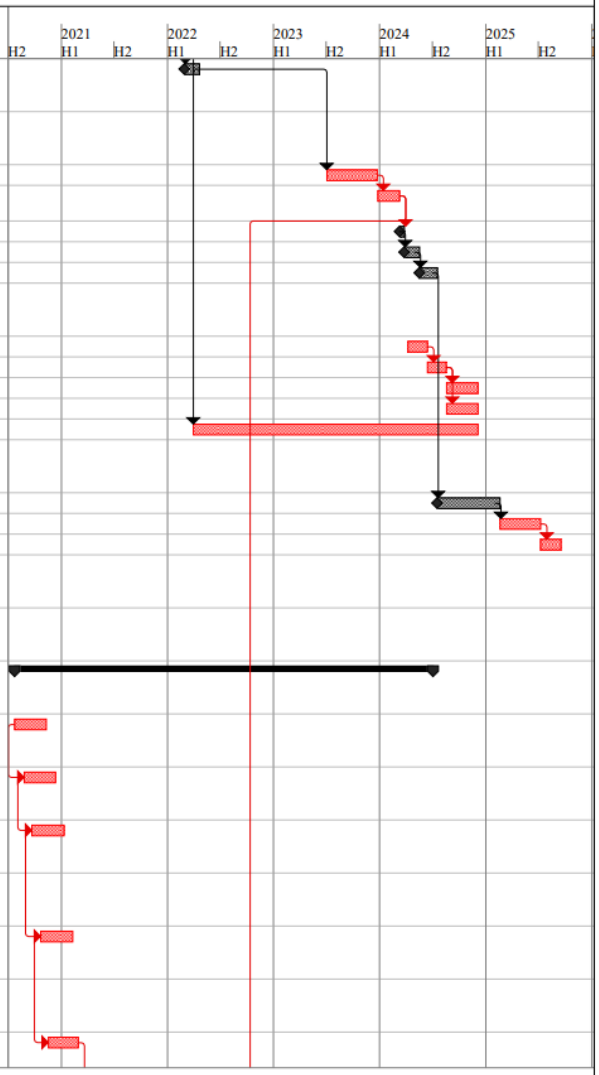
Task	Project Summary	Inactive Milestone	Manual Summary	Progress
Project Guide: Critical Task	Project Guide: Critical Task	Inactive Summary	Start-only	Summary
Split	Split	Manual Task	Finish-only	
Milestone	Progress	Duration-only	External Tasks	
Summary	Milestone	Manual Summary Rollup	External Milestone	

Project: Provision of Village Sewerage in Sai Kung

Drainage Services Department of HKSAR
Provision of Village Sewerage in Sai Kung
Contract No: DC/2019/09
Works Programme for PTO

Date: Jan 2025

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA	Predecessors	TRA	Text10
20	Installation of flexible barriers	40 days	Tue 1/3/22	0%	Wed 20/4/22		19		
21									
22	Installation of sheetpile	146 days	Tue 4/7/23	0%	Sat 23/12/23		20		
23	Excavation from +13.25 Mpd to -1.20 Mpd (Total 2150 m3 solid materials to be removed, i.e. about 3225m3 loosen materials. 23.8m3 loosen materials to be removed per day, i.e. 4 trips of dumping per	60 days	Wed 27/12/23	0%	Sat 9/3/24		22		
24	Plate load test	14 days	Mon 11/3/24	0%	Tue 26/3/24		23		
25	Construction of raft footing	40 days	Wed 27/3/24	0%	Fri 17/5/24		24		
26	Construction of basement (below +13.25 mPD)	50 days	Sat 18/5/24	0%	Wed 17/7/24		25		
27									
28	Construction of R.C. walls at 1st Floor	55 days	Mon 8/4/24	0%	Thu 13/6/24				
29	Construction of rooftop (below + 17.75 mPD)	55 days	Fri 14/6/24	0%	Sat 17/8/24		28		
30	External Finishes	90 days	Mon 19/8/24	0%	Wed 4/12/24		29		
31	Internal Finishes (incl. installation of Door & Window etc)	90 days	Mon 19/8/24	0%	Wed 4/12/24		29		
32	Landscape works & other associated works	797 days	Thu 31/3/22	0%	Wed 4/12/24		13		
33									
34	E&M works	180 days	Thu 18/7/24	0%	Tue 18/2/25		26		
35	T&C (Stage 1) + T&C (Stage 2)	120 days	Wed 19/2/25	0%	Tue 8/7/25		34FS-223 da		
36	T&C (Stage 3)	60 days	Wed 9/7/25	0%	Tue 16/9/25		35		
37									
38									
39	**Construction of PTO Village Sewerage**	**1173 days**	**Fri 24/7/20**	**0%**	**Wed 3/7/24**				
40	Liaise with the village representatives	90 days	Fri 24/7/20	0%	Mon 9/11/20				
41	Initial survey and photo-taking	90 days	Wed 26/8/20	0%	Fri 11/12/20		40SS+28 da		
42	UU Detection and application for permit-to-dig	90 days	Mon 21/9/20	0%	Sat 9/1/21		41SS+22 da		
43									
44	Trial pit excavation (Access Date of PTO-B1-01: 22nd Oct 2020)	90 days	Thu 22/10/20	0%	Mon 8/2/21		42SS+25 da		
45									
46	Producing Layout plans showing the loction of terminal manholes, timber box and alignment of sewers and other associated preparation works	83 days	Tue 17/11/20	0%	Sat 27/2/21		44SS+21 days		



Project:DC/2019/09

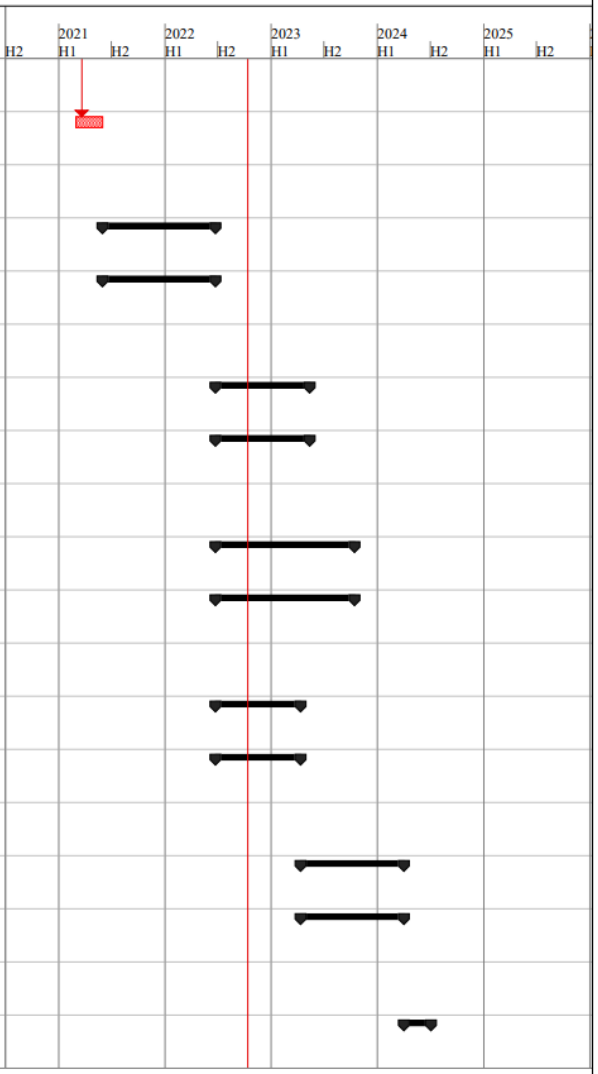
Task
Project Summary
Inactive Milestone
Manual Summary
Progress
Project Guide: Critical Task
Project Guide: Critical Task
Inactive Summary
Start-only
Summary
Split
Split
Manual Task
Finish-only
Milestone
Progress
Duration-only
External Tasks
Summary
Milestone
Manual Summary Rollup
External Milestone

Project: Provision of Village Sewerage in Sai Kung

Drainage Services Department of HKSAR
Provision of Village Sewerage in Sai Kung
Contract No: DC/2019/09
Works Programme for PTO

Date: Jan 2025

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA	Predecessors	TRA	Text10
47									
48	Liaison with PTO VR	77 days	Mon 1/3/21	0%	Mon 31/5/21		46		
49									
50	**PTO-SW-01 (Open Trench, 18 nos. manholes (170m), and rising main(CH2+53.81 - CH4+36.66)**	**316 days**	**Tue 1/6/21**	**0%**	**Thu 23/6/22**				
57	**Landscape works for PTO-SW-01**	**316 days**	**Tue 1/6/21**	**0%**	**Thu 23/6/22**				
59									
60	**PTO-SW-02 (Open Trench, 16nos. Manhole(145m), and a Section of Rising Main)**	**263 days**	**Fri 24/6/22**	**0%**	**Sat 13/5/23**				
67	**Landscape works for PTO-SW-02**	**263 days**	**Fri 24/6/22**	**0%**	**Sat 13/5/23**				
69									
70	**PTO-SW-03 (Open Trench, 25 nos., Length: 360m)**	**390 days**	**Fri 24/6/22**	**0%**	**Sat 14/10/23**				
77	**Landscape works for PTO-SW-03**	**390 days**	**Fri 24/6/22**	**0%**	**Sat 14/10/23**				
79									
80	**PTO-Trenchless-01 (Trenchless, (Length: 75m) and related Rising Main)**	**237 days**	**Fri 24/6/22**	**0%**	**Wed 12/4/23**				
87	**Landscape works for PTO-Trenchless-01**	**237 days**	**Fri 24/6/22**	**0%**	**Wed 12/4/23**				
89									
90	**PTO-Trenchless-02 (Trenchless, (Length: 100m) and related Rising Main)**	**289 days**	**Thu 13/4/23**	**0%**	**Mon 1/4/24**				
97	**Landscape works for PTO-Trenchless-02**	**289 days**	**Thu 13/4/23**	**0%**	**Mon 1/4/24**				
99									
100	**Testing of PTO Village Sewerage**	**75 days**	**Tue 2/4/24**	**0%**	**Wed 3/7/24**				



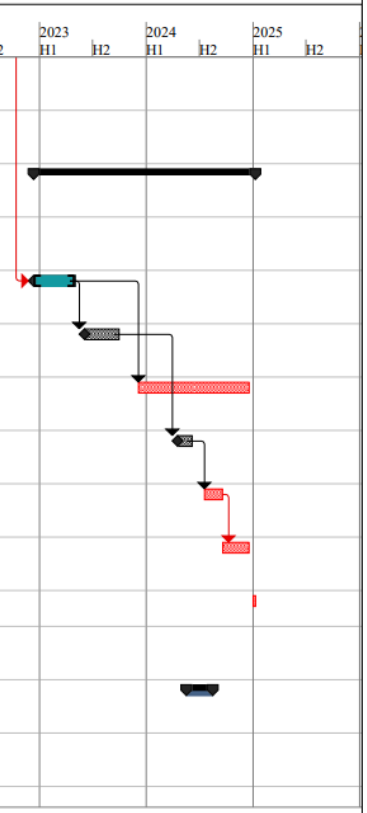
Project:DC/2019/09

Task
Project Guide: Critical Task
Split
Milestone
Summary
Project Summary
Project Guide: Critical Task
Split
Progress
Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Progress
Summary

Drainage Services Department of HKSAR
Provision of Village Sewerage in Sai Kung
Contract No: DC/2019/09
Works Programme for PTO

Date: Jan 2025

ID	Task Name	Duration	Starting Date	Percentage of Completion	Completion Date	TRA	Predecessors	TRA	Text10
102									
103									
104	**Submarine Outfall by HDD Method with Cofferdam**	**616 days**	**Mon 12/12/22**	**0%**	**Wed 8/1/25**				
105									
106	Construction of temporary working platform	111 days	Mon 12/12/22	0%	Tue 2/5/23		23FS+60 day		
107	Preparation of MDN	99 days	Mon 5/6/23	0%	Fri 29/9/23		106		
108	Construction of Cofferdam	308 days	Wed 6/12/23	0%	Tue 17/12/24		106FS+24 d		
109	Pilot Drilling of HDD	40 days	Thu 18/4/24	0%	Wed 5/6/24		107		
110	Enlargement of HDD and Pipe Installation	52 days	Fri 19/7/24	0%	Tue 17/9/24		109		
111	Construction of difuser manifold	74 days	Thu 19/9/24	0%	Mon 16/12/24		110		
112	Removal of cofferdam at both the manifold and the entry pit (including removal of silt curtain after removal of cofferdam)	7 days	Wed 1/1/25	0%	Wed 8/1/25				
113									
114	**Testing of Submaine Outfall**	**75 days**	**Sat 18/5/24**	**0%**	**Thu 15/8/24**				
116									
117	**Completion of Section 2**	0 days	Thu 15/8/24	0%	Thu 15/8/24		115		



Project:DC/2019/09

Task
Project Guide: Critical Task
Split
Milestone
Summary
Project Summary
Project Guide: Critical Task
Split
Progress
Milestone
Inactive Milestone
Inactive Summary
Manual Task
Duration-only
Manual Summary Rollup
Manual Summary
Start-only
Finish-only
External Tasks
External Milestone
Progress
Summary

APPENDIX E - IMPLETEMENTATION OF RECOMMENDED MITGATION MEASURES

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Air Quality Impact	A10	Good housekeeping to minimize dust generation, e.g. by properly handling and storing dusty materials.	✓	✓	✓
	A11	Adopt dust control measures, such as dust suppression using water spray on exposed soil at least 4 times a day, in areas with dusty construction activities and during material handling.	✓	✓	✓
	A12	Store cement bags in shelter with 3 sides and the top covered by impervious materials if the stack exceeds 20 bags.	N/A	N/A	N/A
	A13	Maintain a reasonable height when dropping excavated materials to limit dust generation.	N/A	N/A	N/A
	A14	Limit vehicle speed within construction site and in Po Toi O to 10km/hr and confine vehicle movement in haul road.	✓	✓	✓
	A15	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	A16	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Air Quality Impact	A17	Cover materials on trucks before leaving the construction site to prevent debris from dropping during traffic movement or being blown away by wind	✓	✓	✓
	A18	Regular maintenance of plant equipment to prevent black smoke Emission.	✓	✓	✓
	A19	Throttle down or switch off unused machines or machine in intermittent use	✓	✓	✓
	A20	Minimize excavation area as far as possible.	✓	✓	✓
	A21	Store odorous excavated materials in covered containers and remove off-site as soon as possible within 24 hours.	✓	✓	✓
	A22	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	✓	✓	✓
	A23	Hoarding of not less than 2.4 m high shall be erected from ground level to surround the construction site for sewage treatment plant along Po Toi O Chuen Road except for a construction site entrance or exit.	N/A	N/A	N/A
	A24	Carry out air quality monitoring throughout the construction period	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Noise Impact	N1	Use hand-held plant equipment or manual equipment within village area.	✓	✓	✓
	N2	For HDD, enclose the stationary plant equipment on three sides with cover. Only the side facing the sea shall be opened for heat exhaustion.	N/A	N/A	N/A
	N3	Generator should be placed at a fixed location at least 5-6m away from the NSRs and screened by noise barrier whenever excavation work must be carried out at their front doors.	✓	✓	✓
	N4	Avoid carrying out noisy activities at the same time. The work front of village sewer installation near NSRs PTO_N1 and PTO_N3 shall not be conducted concurrently with installation of Po Toi O Chuen Road sewer and horizontal directional drilling respectively.	✓	✓	✓
	N5	Vibratory poker shall only be operated 4m away from NSR and with noise barrier properly erected. Surfacing work within 4m from NSR shall be carried out by manual method.	✓	✓	✓
	N6	Schedule noisy activities to minimize exposure of nearby NSRs to high levels of construction noise.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Noise Impact	N7	Use Quality Powered Mechanical Equipment (QPME) which produces lower noise level.	✓	✓	✓
	N8	Erect 3m high mobile barriers with skid footing and a small cantilevered upper portion within a few meters of stationary plants and within about 5m of more mobile plant.	✓	✓	✓
	N9	Hand-held breaker shall be fitted with mufflers. A movable enclosure made up of plywood is proposed to surround both worker and breaker during breaking process. The internal wall of the enclosure should be laid with sound absorbent such as mineral wool.	✓	✓	✓
	N10	Regular maintenance of plant equipment to prevent noise emission due to impair.	✓	✓	✓
	N11	Position mobile noisy equipment in location and direction away from NSR.	✓	✓	✓
	N12	Use silencer or muffler on plant equipment and should be properly maintained.	✓	✓	✓
	N13	Throttle down or switch off unused machines or machine in intermittent use between work.	✓	✓	✓
	N14	Make good use of stockpiles or other structures for noise screening.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Noise Impact	N15	Mobile plant should be sited as far away from NSRs as possible	✓	✓	✓
	N16	Reduce the percentage on-time for some noisy PMEs	✓	✓	✓
	N17	Carry out noise monitoring	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Water Quality Impact	W1	Divert the water from outfall of W3 (stream near Fairway Vista) during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	W2	Place sandbag along the upstream section of the stream near Fairway Vista and along rocky shore during open cut excavation for laying of gravity sewers/rising mains nearby.	✓	✓	✓
	W3	Intercept the water from u-channel at the foot of the slope where the STP will be built.	✓	✓	✓
	W4	Install cofferdam around the proposed excavation area for entry pit of HDD work to prevent falling of debris into the sea	N/A	N/A	N/A
	W5	Install sheet piles in marine waters by vibratory action.	N/A	N/A	N/A
	W6	Marine works (dredging, construction and installation works at diffuser location, backfilling) shall be carried out inside the watertight cofferdam. The cofferdam can only be removed after completion of work.	N/A	N/A	N/A
	W7	Dredging should be carried out by grab dredgers anchored outside the cofferdam. The marine sediment should be placed in sealed compartment of the marine barge.	N/A	N/A	N/A
	W8	Water removed from the cofferdam should be desilted before discharge back into the sea.	N/A	N/A	N/A

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Water Quality Impact	W9	Carry out water quality monitoring at water sensitive receivers before and during cofferdam installation works, throughout dredging works, and during cofferdam extraction works.	N/A	N/A	N/A
	W12	Set up sedimentation tank for settling suspended solids in wastewater before discharge into storm drains. Sand/silt removal facilities such as sand traps, silt traps and sedimentation basin should be provided with adequate capacity.	✓	✓	Obs.
	W13	Follow ProPECC PN 1/94 "Construction Site Drainage" as far as practicable	✓	✓	✓
	W14	Construct catchpits and perimeter channels prior to commencement of site formation works and earthworks	✓	✓	✓
	W15	Maintain silt removal facilities, channels, manholes before and after rainstorm.	Obs.	✓	✓
	W16	Remove silt and grit from silt trap at regular interval.	✓	✓	✓
	W17	Well design works program to minimize the work areas to minimize the soil exposure and site runoff.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Water Quality Impact	W18	Arrange soil excavation works outside rainy seasons (April to December) as far as possible. If this cannot be achieved, the following measures should be implemented:	✓	✓	✓
		Cover temporary exposed slope surfaces with impermeable materials, e.g. tarpaulin.	✓	✓	✓
		Protect temporary access roads by crushed stone or gravel.	✓	✓	✓
		Provide intercepting channels along crest/edge of excavation.	✓	✓	✓
	W19	Minimize exposed earth after completion of work in a certain area by hydroseeding, vegetating, soil compacting or covering with bitumen.	✓	✓	✓
	W20	Prevent rainwater from entering trenches. Excavation of trenches should be dug and backfilled in short sections during rainy seasons. Remove silt in rainwater collected from the trenches or foundation excavations prior to discharge to storm drains.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Water Quality Impact	W21	Cover open stockpiles of construction materials (e.g. aggregates, sand and fill materials) with impermeable materials such as tarpaulin during rainstorms.	✓	✓	✓
	W22	Cover and temporary seal manholes to prevent silt, construction materials or debris and surface runoff from entering foul sewers.	✓	✓	✓
	W23	Remove waste from the construction site regularly.	✓	✓	✓
	W24	Apply discharge license for effluent discharge. Treat the discharge to comply with the requirement in TM-DSS.	✓	✓	✓
	W25	Reuse treated effluent onsite, e.g. dust suppression, wheel washing and general cleaning.	✓	✓	✓
	W26	Monitor effluent water quality.	✓	✓	✓
	W27	Register as chemical waste producer if chemical waste will be generated.	✓	✓	✓
	W28	Perform maintenance of vehicles and equipment that have oil leakage and spillage potential on hard standings within a bunded area with sumps and oil interceptors.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Water Quality Impact	W29	Dispose chemical waste in accordance to Waste Disposal Ordinance. Follow the *Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes,* examples as follows:	✓	✓	✓
		Store chemical wastes with suitable containers to avoid leakage or spillage during storage, handling and transport.	✓	✓	Obs.
		Label chemical waste containers according to the CoP to notify and warn the waste handlers.	✓	✓	✓
		Store chemical wastes at designated safe location with adequate space.	✓	✓	✓
	W30	Provide sufficient chemical toilets with regular maintenance by registered waste collector where necessary.	✓	✓	✓
	W31	Provide a drip tray/container underneath the bentonite recycling system.	N/A	N/A	N/A
	W32	Carry out regular site inspection to audit the implementation of mitigation measures.	✓	✓	✓
	W33	Carry out effluent quality monitoring at location specified in the discharge license.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM4	Allocate an area for waste sorting and storage of C&D materials into the following categories for reuse, recycle or disposal if possible. Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Excavated materials suitable for reuse	✓	✓	✓
		Inert C&D materials (or public fill) for disposal offsite	✓	✓	✓
		Non-inert C&D materials (or C&D waste) for disposal at landfills	✓	✓	✓
		Records of quantities generated/ recycled/ disposed maintained?	✓	✓	✓
		Chemical waste	Obs.	✓	✓
		Bentonite slurry for reconditioning and reuse	N/A	N/A	N/A
		General refuse	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM5	Adopt good site practice as follows:	✓	✓	✓
		Provide training to workers on site cleanliness, waste management (waste reduction, reuse and recycle) and chemical handling procedures.	✓	✓	✓
		Cover waste materials with tarpaulin or in enclosure during transportation.	✓	✓	✓
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Sort out chemical waste for proper handling and treatment onsite or offsite.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM6	Adopt good site practice as follows:	✓	✓	✓
		Allocate area/containers for sorting, recovering and storing waste for reuse, recycle or disposal (e.g. demolition debris and excavated materials, general refuse like aluminum cans.) Remove waste from the construction site for sorting once generated if no suitable space can be identified.	✓	✓	✓
		Allocate area for proper storage of construction materials to prevent contamination prevent soil contamination?	✓	✓	✓
		Maintain drainage systems, sumps and oil interceptors.	✓	✓	✓
		Minimize wastage through careful planning and avoiding over purchase of construction materials	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM7	Prepare and implement a site-specific Waste Management Plan (WMP) as part of Environmental Management Plan (EMP) in accordance with ETWB TCW No. 19/2005. Detail waste management method in the form of avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal according to the recommendations on the EIA and EM&A Manual. It should be approved by the ER and regularly reviewed.	✓	✓	✓
	WM8	Store waste materials properly as follows:	✓	✓	✓
		Avoid contamination by proper handling and storing waste.	✓	✓	✓
		Prevent erosion by covering waste.	✓	✓	✓
		Apply water spray on excavated materials.	✓	✓	✓
		Maintain and clean storage area regularly.	✓	✓	✓
		Sort and stockpile different materials at designated location to enhance reuse.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM9	Apply for relevant waste disposal permits in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap.28) Dumping at Sea Ordinance (Cap. 466).	✓	✓	✓
	WM10	Hire licensed waste disposal contractors for waste collection and removal. Dispose waste at licensed waste disposal facilities	✓	✓	✓
	WM11	Implement trip-ticket system for recording the amount of waste generated, recycled and disposed, including chemical wastes	✓	✓	✓
	WM12	Provide wheel washing at construction site exit to clean the vehicle body and wheel.	✓	✓	✓
	WM13	Reduce water content in wet spoil generated from piling work by mixing with dry materials. Only dispose treated spoil with less than 25% dry density to Public Fill Reception Facilities	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM14	Dispose dry waste or waste with less than 70% water content by weight to landfill.	✓	✓	✓
	WM15	Follow the Code of Practice on the Packaging, Labelling and Storage of Chemical Waste as follows:	✓	✓	✓
		Store chemical wastes with suitable containers. Seal and maintain the container to avoid leakage or spillage during storage, handling and transport.	✓	✓	✓
		Label chemical waste containers in both English and Chinese with instructions in accordance to Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation.	✓	✓	✓
		The container capacity should be smaller than 450 litres unless agreed by the EPD.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM16	Comply with the requirement of the chemical storage area:	✓	✓	✓
		Store only chemical waste and label clearly the chemical characters of the waste.	✓	✓	✓
		Have at least 3 sides enclosed and protected from rainfall with cover.	✓	✓	✓
		Provide sufficient ventilation	✓	✓	✓
		Have impermeable floor and has bunds to contain 110% of the capacity of the largest container or 20% of the total volume of the stored waste in the area, whichever is larger		✓	✓
	WM17	Transfer used lubricants, waste oils and other chemicals to oil recycling companies, if possible, and empty oil drums for reuse or refill. No direct or indirect discharge is permitted	✓	✓	✓
	WM18	Hire licensed chemical waste disposal contractors for waste collection and removal. Dispose chemical waste at the approved Chemical Waste Treatment Centre at Tsing Yi or other licensed facility.	✓	✓	✓
	WM19	Hire reputable waste collector to Separately collect and dispose general refuse from other wastes. Cover the waste to prevent being blown away.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Waste/Chemical Management	WM20	Provide recycling bins for sorting out recyclables for collection by recycling companies. Non-recyclables should be removed to designated landfills every day by licensed collectors to prevent environmental and health nuisance.	✓	✓	✓
	WM21	Organize training and reminders to site staff on waste minimization through avoidance and reduction, reusing and recycling.	✓	✓	✓
	WM22	Used bentonite shall be reconditioned onsite and reused as far as practical to minimize wastage. If this is deemed not viable, the used bentonite shall be delivered offsite for reconditioning.	N/A	N/A	N/A
	WM23	Characterize the sediment quality of the marine sediment to be dredged and submit a Sediment Quality Report for EPD's approval. Dispose the dredged marine sediment in accordance with ETWB TC(W) No. 34/2002.	N/A	N/A	N/A

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Ecology	E1	Erect bright colour fencing along the boundary of the undisturbed region of the shrubland and woodland, and around *Diospyros vaccinioides,* a plant species of conservation importance, near the work boundary to remind workers not to trespass or occupy the area, and to be careful during operation of equipment.	✓	✓	✓
	E2	Reinstate the disturbed rocky shore with the rocks temporarily removed.	N/A	N/A	N/A
	E3	Place sandbag around the section of W3 next to Fairway Vista and along the shore during open cut excavation for laying of gravity sewer nearby.	✓	✓	✓
	E4	Temporarily divert the water from outfall of W3 away from excavation area.	✓	✓	✓
	E5	Inspect the condition of the *Diospyros vaccinioides* near the work boundary as part of weekly site audit.	✓	✓	✓
	E6	Erection of hoarding, fencing or provision of clear demarcation of work zones	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Ecology	E7	Designate areas for placement of equipment, building materials and wastes away from the natural environment.	✓	✓	✓
	E8	Carry out tree preservation and compensatory tree planting will be carried out in accordance with DEVB TCW No. 7/2015.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Landscape and Visual	CM8	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	N/A	N/A	N/A
	OM2	Use of appropriate building materials and colours for Sewage Treatment Plant to complement surroundings	N/A	N/A	N/A
	CM1	The construction area and contractor's temporary works areas should be minimized to avoid impacts on adjacent landscape. All slope excavation shall take place from within the work boundary to minimize impacts on adjacent slopes.	✓	✓	✓
	CM2	Reduction of construction period to practical minimum.	✓	✓	✓
	CM3	Construction traffic (land and sea) including construction plant, construction vessels and barges to be kept to a practical minimum.	✓	✓	✓
	CM4	Erection of decorative mesh screens or construction hoardings and/or temporary noise barriers around works areas in visually unobtrusive colors.	✓	✓	✓
	CM5	Avoidance of excessive height and bulk of site buildings and structures.	✓	✓	✓

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Landscape and Visual	CM6	Protective materials to be provided to natural rocky coastline to prevent damage to existing landform from plant and machinery during temporary drilling operations. Reinstatement following removal of plant & equipment to original or improved condition shall be undertaken.	✓	✓	✓
	CM7	All existing trees shall be carefully protected during construction. A Detailed Tree Protection Specification shall be provided in the Contract Specification. Under this specification, the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. Tree risk assessment shall be undertaken to all existing trees within the project site as per "Guidelines for Tree Risk Assessment and Management Arrangement"	✓	✓	✓
	OM3	Lighting units to be directional and minimize unnecessary light spill and glare.	N/A	N/A	N/A
	OM4	Greening measures to reinstate the landscape which are appropriate to the context, including tree and shrub planting and vertical greening, shall be implemented.	N/A	N/A	N/A

Item	EM & A Ref.	EM&A Manual Recommended Mitigation/ Actions	Implementation Status		
			March 2025	April 2025	May 2025
Building Heritage	BH1	Undertake condition survey by professional qualified building surveyor or engineer to record the existing condition of the built heritage resources.	✓	✓	✓
	BH2	Carry out vibration and settlement monitoring to build heritage resources. A maximum vibration level 7.5mm/s shall be adopted for the Grade 3 Hung Shing Temple and settlement check points in the Alert/Alarm/Action limit levels at 6mm/8mm/10mm shall be adopted.	✓	✓	✓
	BH3	Are protective covering or protective screen provided to build heritage resources which are close to building area? (c.f. BH3)	N/A	N/A	N/A
	BH4	Maintain public access to the cultural landscape features (c.f. BH4)	N/A	N/A	N/A
	BH5	Provision of at least 1m buffer zone from the proposed works provided? (c.f. BH5)	N/A	N/A	N/A

Remark
N/A – Not Applicable
✓ – Implemented
Obs. – Observed
Rem. – Reminder

APPENDIX F - METEOROLOGICAL DATA EXTRACTED FROM HONG KONG OBSERVATORY

2025/03 Daily Extract of Meteorological Observations from HKO

Day	Hong Kong Observatory								King's Park	Waglan Island^	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1014.7	23.9	21.9	20.4	19.5	87	83	Trace	0.3	40	17.4
2	1012.4	27	22.8	21.2	20.5	87	81	0	4.6	30	9.7
3	1010.8	26.7	23.7	21.3	20.7	84	85	0	4.6	60	4.8
4	1010.3	27	24.4	22.4	21.6	85	84	0	0.5	110	4.8
5	1013.4	23.9	19.6	17.4	17.7	89	94	1	0	50	30.3
6	1019.7	17.5	14.5	12.7	11.6	83	96	11.5	0	360	31.5
7	1021.2	14.5	13.5	12.1	10.7	84	93	5.3	0	360	25.7
8	1020.8	20.9	16.6	13.9	11.3	72	78	0	5	20	15.6
9	1022	22	18.3	16	12.1	68	68	0	8.2	60	29
10	1020.3	25.6	20.4	18	14.6	70	63	Trace	6	30	16.6
11	1016.6	24.1	22	19.6	17.3	75	86	0	0.7	30	14
12	1014.3	24.3	22.4	21.4	19.9	86	91	2.8	0.5	30	11.5
13	1013.4	28.5	24.3	21.9	20.9	82	86	0	6.6	10	8.3
14	1014.4	23.5	21.5	20.1	19.8	90	93	Trace	0.1	30	16.5
15	1014.3	25.9	21.2	18.8	19.2	88	88	12.6	5	20	18
16	1019.3	20.9	17.6	15.4	8.7	57	60	Trace	8.2	360	42.6
17	1021	18.4	16.4	15.1	6.8	53	85	Trace	0.8	360	26
18	1022.4	19.8	17.1	15.1	7	52	75	Trace	0.8	360	19.8
19	1024.4	22.8	18.5	15.5	8.9	54	19	0	10.9	20	16.3
20	1024.1	24.4	19.4	16.5	11.5	61	19	0	11	50	19.5
21	1022.7	25.9	20.5	16.9	11.1	57	1	0	11.1	30	12.4
22	1020.5	26.3	21.2	17.9	12.5	60	4	0	11.2	20	8.4
23	1017.6	26.9	21.8	18.1	13.7	61	3	0	11.1	10	2.8
24	1013.4	27.7	22.4	18.9	13.7	60	0	0	11.1	240	11.3
25	1009.4	28.4	23.5	20.2	15	61	14	0	11.1	230	10.5
26	1007.9	26.6	23.9	21.8	19.5	77	55	0	10.4	220	7.7
27	1007.2	28.1	25.2	23.2	21.1	78	86	0	2	180	8.9
28	1010.7	29.4	25.1	19.3	22.5	86	85	1.5	2	80	14.3
29	1017.5	19.3	16.5	13.7	13.5	83	93	1.2	0	10	32.7
30	1020.6	15	13.7	12.7	10.5	82	94	2.2	0	360	27.2
31	1019.5	14.3	13.6	12.5	10.5	82	92	Trace	0	360	23
Mean/Total	1016.7	23.5	20.1	17.7	15	74	66	38.1	143.8	10	17.3
Climatological Normal?	1016.1	21.9	19.5	17.6	16.1	82	77	75.3	100	60	23

^ Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989
Trace means rainfall less than 0.05 mm
? 1991-2020 Climatological Normal, unless otherwise specified
Source: Daily Extract | Hong Kong Observatory(HKO) | Climate Information Service

2025/04 Daily Extract of Meteorological Observations from HK

Day	Hong Kong Observatory								King's Park	Waglan Island^	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1018.3	20.3	16.1	12.9	9.9	67	63	0	5.5	360	19.2
2	1019.1	23.4	18.6	15	11.4	63	13	0	10.5	80	16
3	1018.6	25.5	20.6	16.9	10.9	57	1	0	10.9	50	12.8
4	1016.2	21	19.9	18.9	14.6	72	65	Trace	2.6	60	26.3
5	1015.3	19.8	19.3	18.7	17.6	90	95	7.3	0	10	18.5
6	1015.9	23.4	20.5	18.8	15.6	74	83	Trace	2.3	10	10.2
7	1016.9	26.6	22.1	19.5	14.5	64	46	0	10	40	14.3
8	1016.2	26.7	23.2	20.8	17.7	72	76	0	5.9	40	8.8
9	1012.5	27.2	24.1	22.2	19.6	77	76	0	7.5	210	4
10	1009.2	27.8	24.6	22.7	20.9	80	85	0	6.9	230	5
11	1008.8	27.6	25	23	22.3	85	85	Trace	0.6	170	5.9
12	1009.3	27.1	24.6	20.4	20.9	81	88	6.9	0	220	36.9
13	1015	24.5	21.8	20.3	4.2	32	85	Trace	2.6	360	23.8
14	1012.9	26.2	22.6	19.8	11.1	49	53	0	11	250	12.2
15	1012.5	33	25.8	20.3	12.7	48	39	0	11	40	12.4
16	1012.2	27.5	24	21.9	18.8	73	48	0	11.3	50	15.3
17	1010.1	28.7	24.5	22.4	20.4	78	79	0	5.9	60	5.8
18	1009.6	26.5	24.9	23.5	23.1	90	96	3.5	0	40	10.6
19	1009.7	28	26.3	25	23.8	86	92	0.1	0.7	180	19.3
20	1011.1	30.6	27.1	25.8	23.1	79	80	0	8.1	210	13.6
21	1012	29.1	26.9	25.6	22.9	79	76	0	4	190	14
22	1010.5	29.1	27.3	25.8	23.1	78	84	0	5.7	220	19.8
23	1009.3	30.8	27.8	26.4	23.4	77	76	0	8	220	18.1
24	1009.3	30.1	27.5	26.1	23.3	78	80	0.5	4.4	210	15.6
25	1011.5	26.5	25.2	23.5	23.2	88	88	18.9	0	80	11.8
26	1014.6	23.9	22.3	21.3	19.7	85	92	Trace	0.1	60	34
27	1013.4	23.2	22.2	21.2	20.8	92	95	0.8	0.5	50	18.4
28	1011.7	29.3	25.3	22.6	22.4	85	81	19.1	3.1	10	6.6
29	1013.5	28.3	25.4	23.5	17.9	64	59	0	9.3	70	24.1
30	1013.3	29.2	25.2	23.1	20.5	75	66	0	7.2	60	14.4
Mean/Total	1013	26.7	23.7	21.6	18.3	74	71	57.1	155.6	50	15.6
Climatological Normal?	1013	25.6	23	21.1	19.7	83	77	153	113.2	70	20.5

^ Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989
Trace means rainfall less than 0.05 mm
? 1991-2020 Climatological Normal, unless otherwise specified
Source: Daily Extract | Hong Kong Observatory(HKO) | Climate Information Service

2025/05 Daily Extract of Meteorological Observations from HKO

Day	Hong Kong Observatory								King's Park	Waglan Island^	
	Mean Pressure (hPa)	Air Temperature			Mean Dew Point (deg. C)	Mean Relative Humidity (%)	Mean Amount of Cloud (%)	Total Rainfall (mm)	Total Bright Sunshine (hours)	Prevailing Wind Direction (degrees)	Mean Wind Speed (km/h)
		Absolute Daily Max (deg. C)	Mean (deg. C)	Absolute Daily Min (deg. C)							
1	1012.9	27.9	25.6	24.5	22.4	83	88	1.4	1.8	240	4.6
2	1011.3	32.3	27.4	24.6	22.2	75	51	0	11.3	90	4.2
3	1010.1	29.7	26.8	25.3	23.2	81	73	0	2.9	50	8.7
4	1008.8	31.7	27.5	25.5	23.9	81	81	Trace	5	110	11
5	1008.5	32	27.8	25.8	23.8	79	86	Trace	3.5	110	12.7
6	1008	30.4	28.1	26.9	24.6	82	88	0.4	1.7	200	10.5
7	1008	28	27.1	25.6	25	88	89	9.8	0	110	18.1
8	1008	29.2	26.4	25	24	87	84	0.6	2.4	80	21.6
9	1007.8	29.3	27.2	25.7	23.9	83	86	0.4	2.3	10	8
10	1009	30.7	27.2	25.1	22.5	76	80	Trace	2.6	360	7.6
11	1010.1	29.5	24.8	21	15.2	57	86	3.9	6.3	10	23.8
12	1010.9	30.4	25.9	23.1	15.4	54	41	0	11.3	80	15.5
13	1012.4	29.3	25.8	23.8	20.3	72	64	0	8	70	23.1
14	1012.8	31.4	27.2	25	22.9	78	61	Trace	7.3	60	18.1
15	1012.3	31.9	28.2	26.3	24	78	79	0	9.4	60	12.6
16	1011.2	29.3	27.8	26.7	24.6	83	83	Trace	2.6	90	5.6
17	1010.8	32.8	28.8	26.7	24.2	77	76	0	5.7	210	4.1
18	1010.3	32.5	29	27.3	24.5	77	86	0	7.2	230	7.1
19	1009.1	31.5	29	27.9	24.8	78	88	Trace	0.7	200	7.9
20	1009.2	30.8	29.5	28.3	25.1	77	85	0	1.4	180	15.3
21	1009.3	32.4	29.9	28.5	25.1	76	85	0	3.5	190	12.9
22	1007.6	33	30.1	28.4	24.8	74	82	0	8.5	200	14.8
23	1006.8	32.4	29.7	26.5	25.1	77	88	2	7.4	220	20
24	1009.7	30.5	27.9	26.4	23.2	76	83	3.5	3	360	10.8
25	1013.7	27.3	25.9	24.5	18.9	65	86	0	0.1	10	23.9
26	1014.7	27.7	25.5	24.2	18	63	88	0	0.9	50	25.2
27	1013.5	29.2	26.3	24.4	19.7	67	88	0	5.8	70	30.4
28	1010.2	27.3	26	25	22.7	82	90	Trace	0.2	80	28.5
29	1008.8	27.9	26.2	25	24.4	90	89	53.2	0.3	80	24.4
30	1009.5	25	24.3	23.6	22.1	88	88	6.4	0.1	70	43.9
31	1007.1	25.4	25	24.3	21.6	82	88	Trace	0	70	38
Mean/Total	1010.1	30	27.2	25.5	22.6	77	81	81.6	123.2	70	16.5
Climatological Normal?	1009.3	28.8	26.3	24.5	23	83	76	290.6	138.8	80	19.8

^ Information of wind direction and wind speed for Waglan Island are based on automatic weather station data since November 1989
Trace means rainfall less than 0.05 mm
? 1991-2020 Climatological Normal, unless otherwise specified
Source: Daily Extract | Hong Kong Observatory(HKO) | Climate Information Service

APPENDIX G - GRAPHICAL PLOTS OF THE MONITORING RESULT

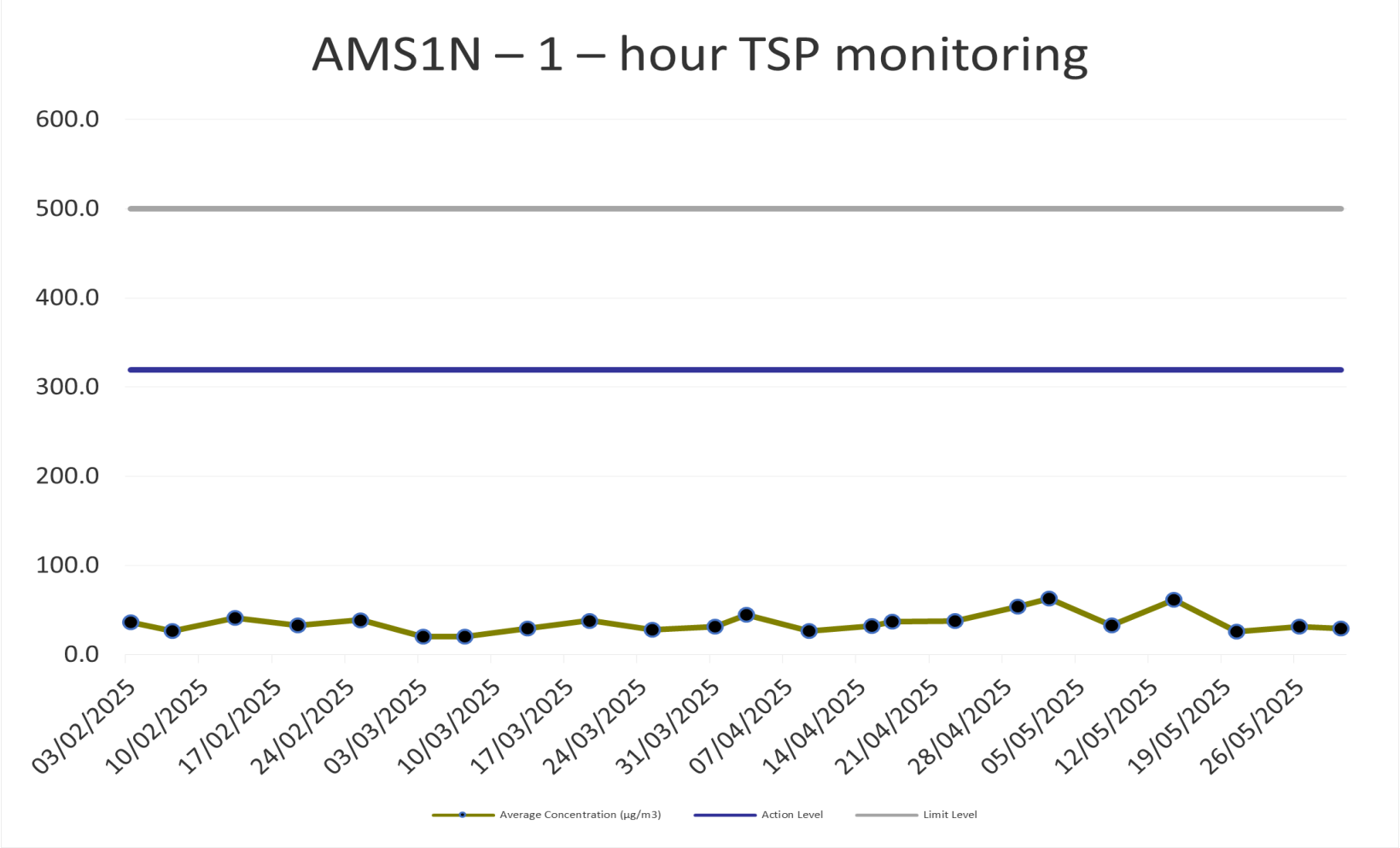
AMS1N – 1-hour and 24-hour TSP monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Mar -25	Cloudy	20.0	22.0
7- Mar -25	Rainy	20.0	21.0
13- Mar -25	Fine	29.3	31.0
19- Mar -25	Fine	38.0	42.0
25- Mar -25	Fine	28.0	24.0
31- Mar -25	Cloudy	31.3	31.0

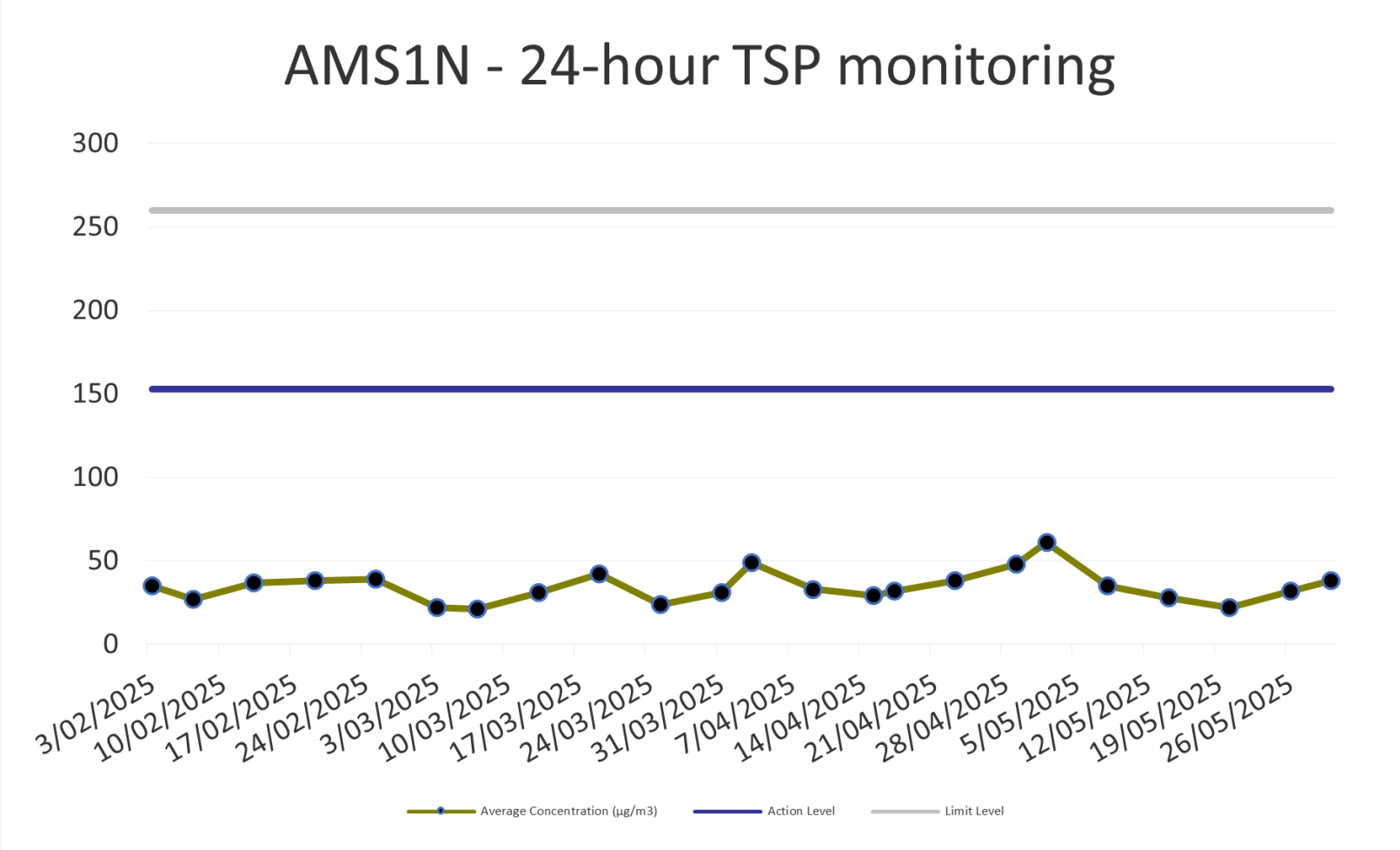
Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Apr -25	Fine	44.3	49.0
9- Apr -25	Fine	26.3	33.0
15- Apr -25	Sunny	32.3	29.0
17- Apr -25	Sunny	36.7	32.0
23- Apr -25	Fine	37.3	38.0
29- Apr -25	Fine	53.7	48.0

Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
2- May -25	Fine	63.0	61.0
8- May -25	Fine	32.7	35.0
14- May -25	Fine	61.7	28.0
20- May -25	Fine	26.0	22.0
26- May -25	Cloudy	31.3	32.0
30- May -25	Cloudy	29.3	38.0
	Average:	35.6	34.2
	Action Level:	319	153
	Limit Level:	500	260

AMS1N- 1 – hour TSP Monitoring



AMS1N- 24– hour TSP Monitoring



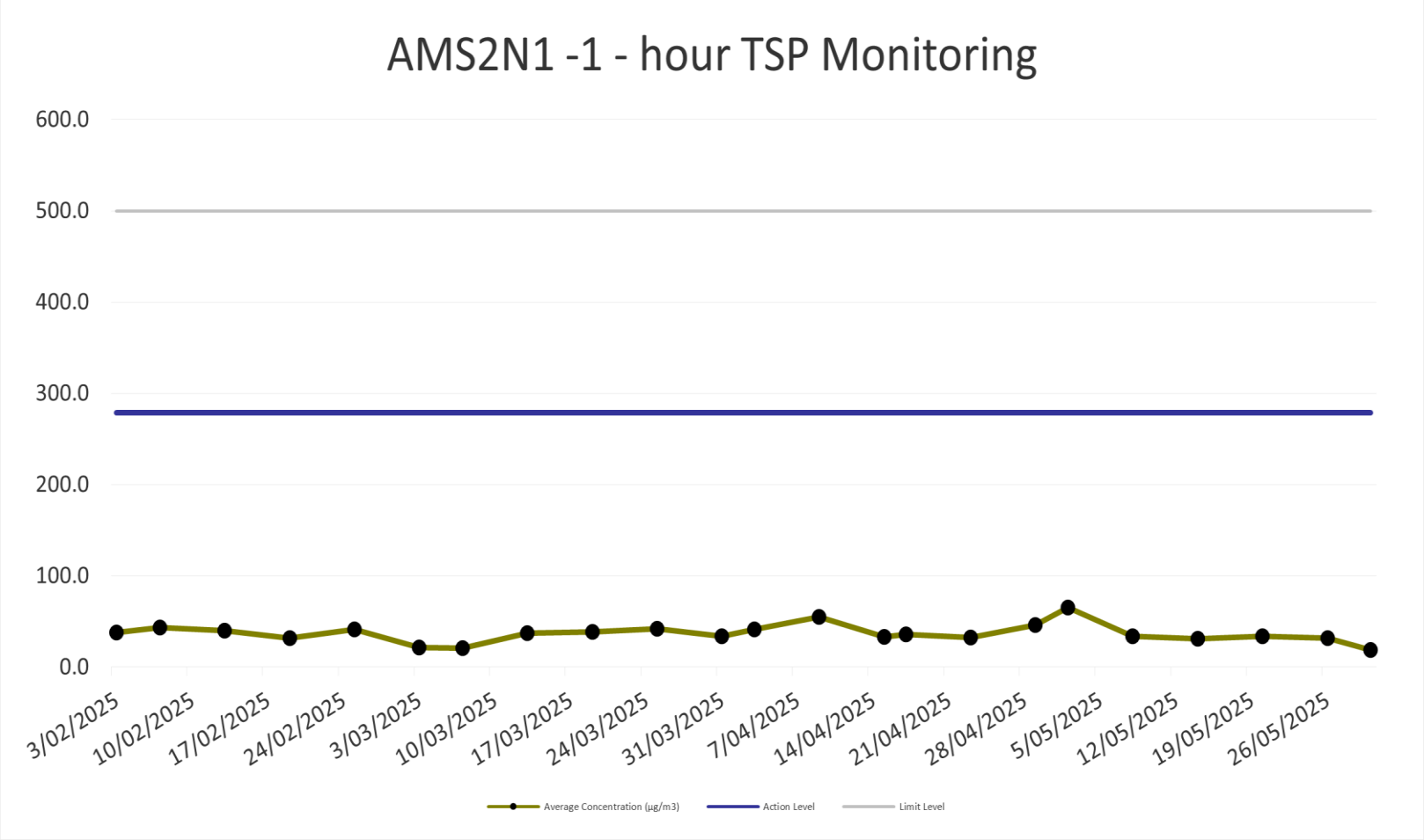
AMS2N1 – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (µg/m3)	Average Concentration (µg/m3)
3- Mar -25	Cloudy	21.7	23.0
7- Mar -25	Rainy	20.7	23.0
13- Mar -25	Fine	37.0	28.0
19- Mar -25	Fine	38.3	42.0
25- Mar -25	Fine	42.0	41.0
31- Mar -25	Cloudy	34.0	31.0

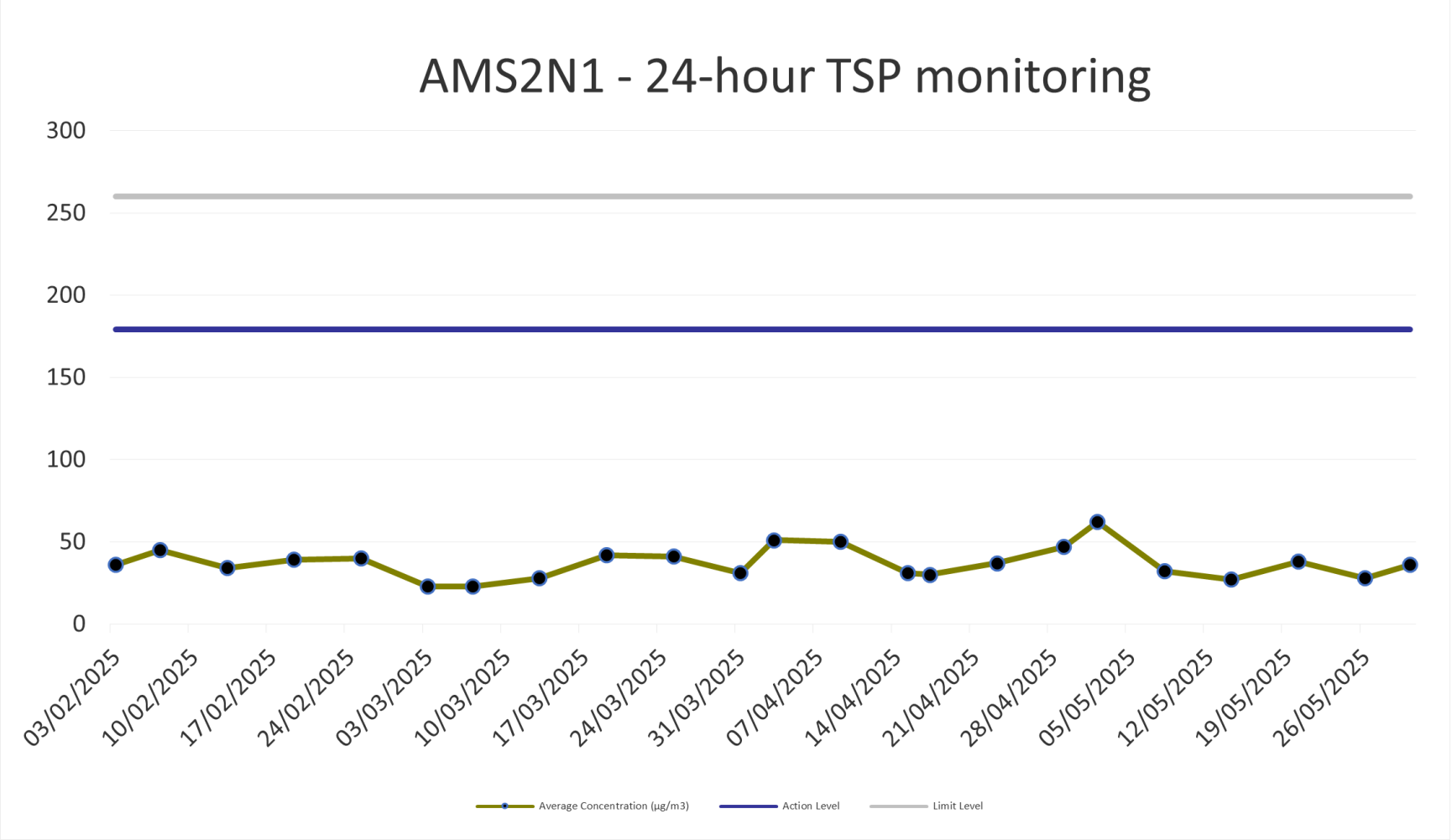
Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Apr -25	Fine	41.3	51.0
9- Apr -25	Fine	55.3	50.0
15- Apr -25	Sunny	33.3	31.0
17- Apr -25	Sunny	35.7	30.0
23- Apr -25	Fine	32.7	37.0
29- Apr -25	Fine	46.0	47.0

Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
2- May -25	Fine	65.3	62.0
8- May -25	Fine	34.0	32.0
14- May -25	Fine	31.3	27.0
20- May -25	Fine	33.7	38.0
26- May -25	Cloudy	31.7	28.0
30- May -25	Cloudy	19.0	36.0
	Average:	36.3	36.5
	Action Level:	279	179
	Limit Level:	500	260

AMS2N- 1 – hour TSP Monitoring



AMS2N1- 24 – hour TSP Monitoring



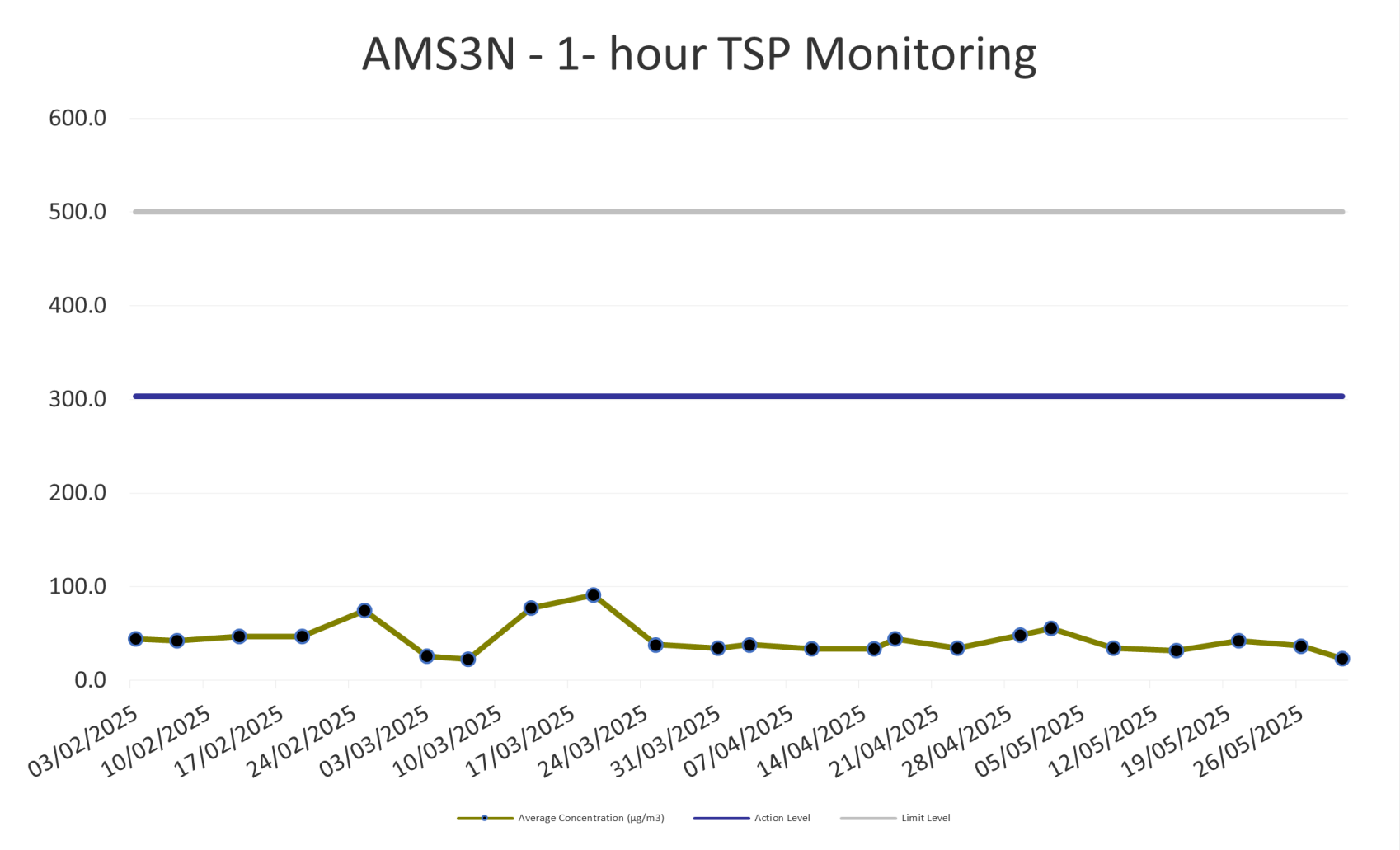
AMS3N – 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Mar -25	Cloudy	26.0	26.0
7- Mar -25	Rainy	22.3	25.0
13- Mar -25	Fine	77.0	41.0
19- Mar -25	Fine	91.0	58.0
25- Mar -25	Fine	38.0	41.0
31- Mar -25	Cloudy	34.3	33.0

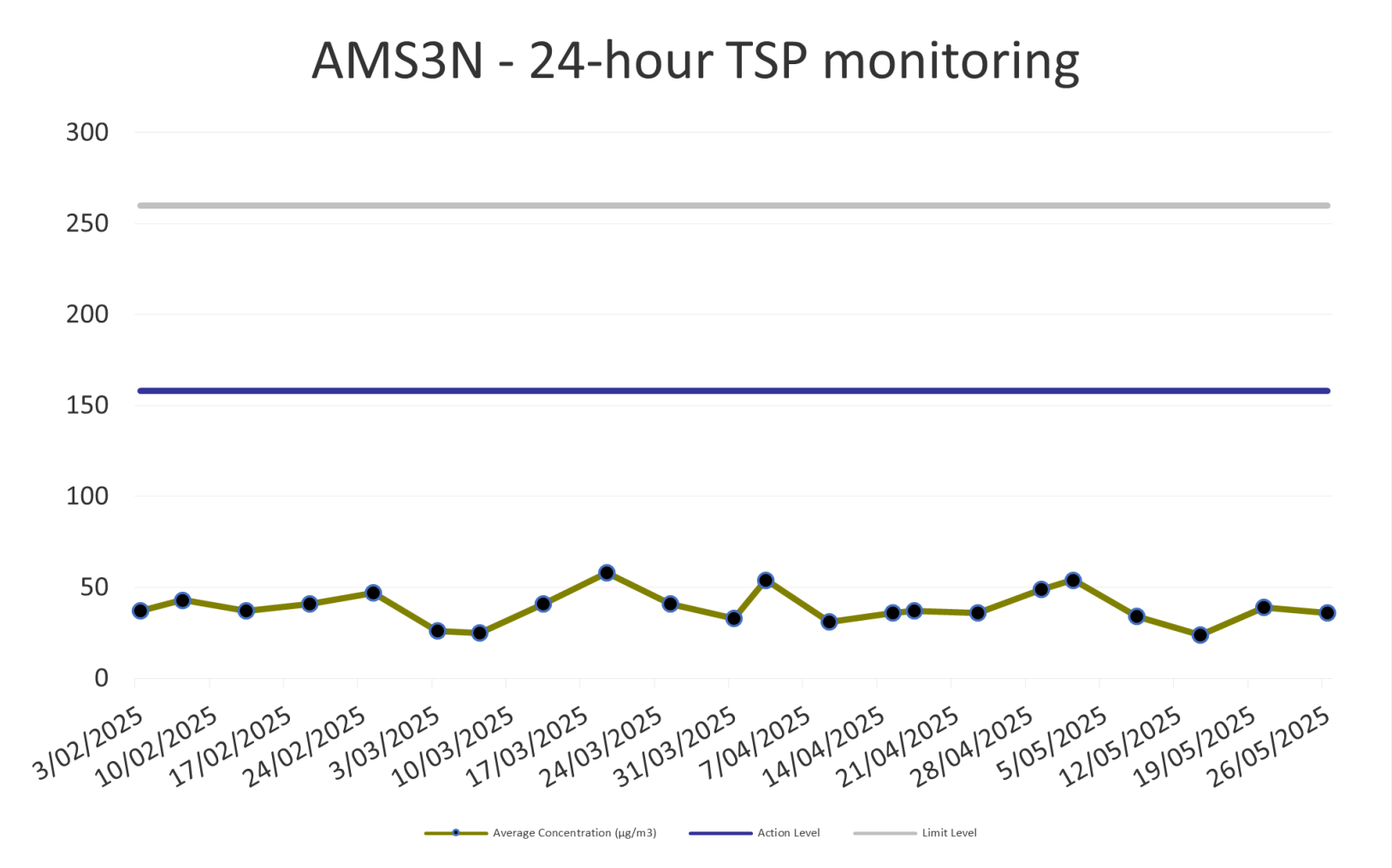
Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Apr -25	Fine	38.0	54.0
9- Apr -25	Fine	33.7	31.0
15- Apr -25	Sunny	34.0	36.0
17- Apr -25	Sunny	44.3	37.0
23- Apr -25	Fine	34.3	36.0
29- Apr -25	Fine	48.3	49.0

Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
2- May -25	Fine	55.7	54.0
8- May -25	Fine	34.3	34.0
14- May -25	Fine	32.0	24.0
20- May -25	Fine	42.3	39.0
26- May -25	Cloudy	36.7	36.0
30- May -25	Cloudy	23.3	42.0
	Average:	41.4	38.7
	Action Level:	303	158
	Limit Level:	500	260

AMS3N- 1 – hour TSP Monitoring



AMS3N – 24-hour TSP Monitoring



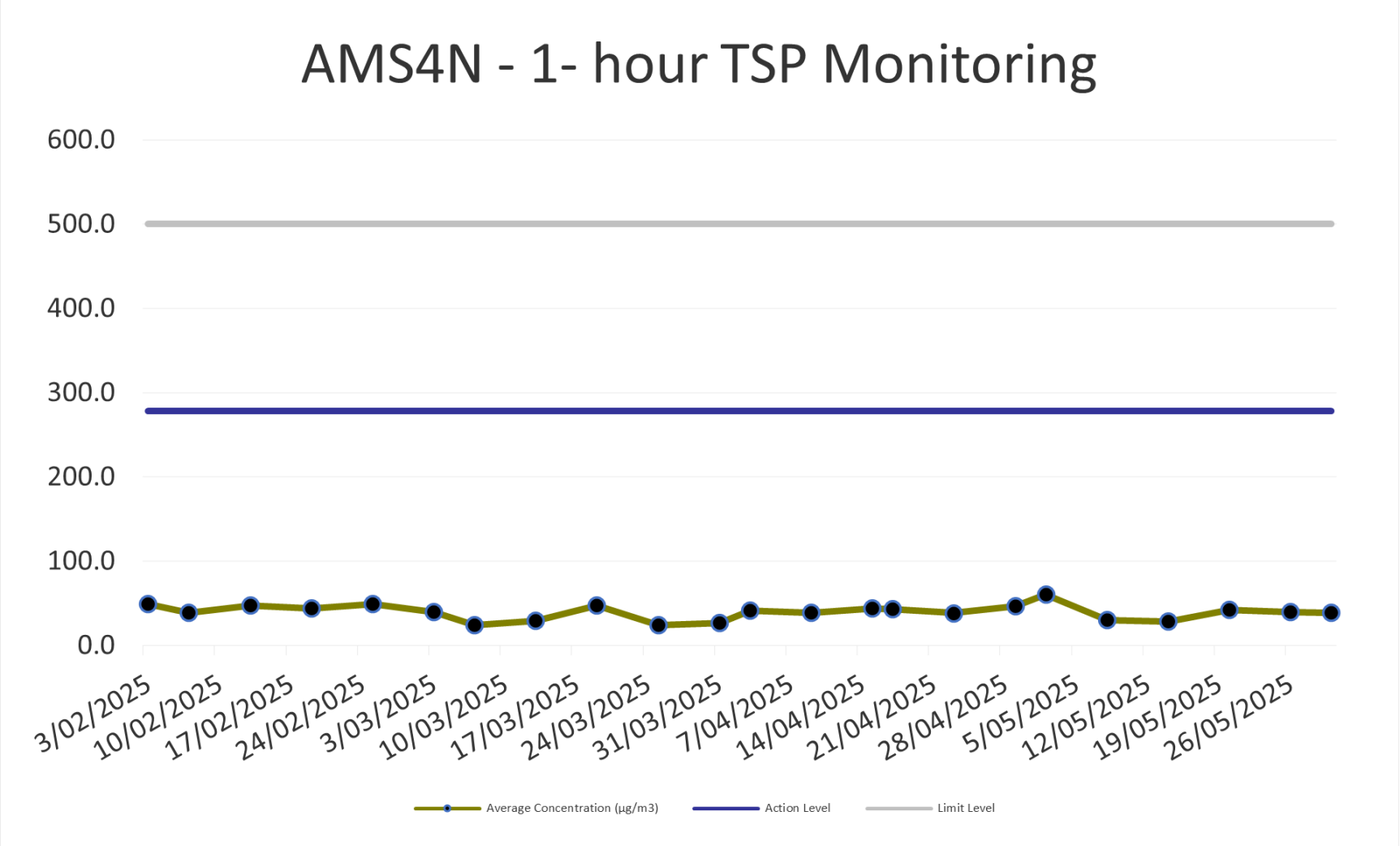
AMS4N — 1- hour and 24-hour TSP Monitoring

Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Mar -25	Cloudy	19.7	22.0
7- Mar -25	Rainy	18.0	20.0
13- Mar -25	Fine	33.0	25.0
19- Mar -25	Fine	36.0	41.0
25- Mar -25	Fine	27.0	22.0
31- Mar -25	Cloudy	26.3	29.0

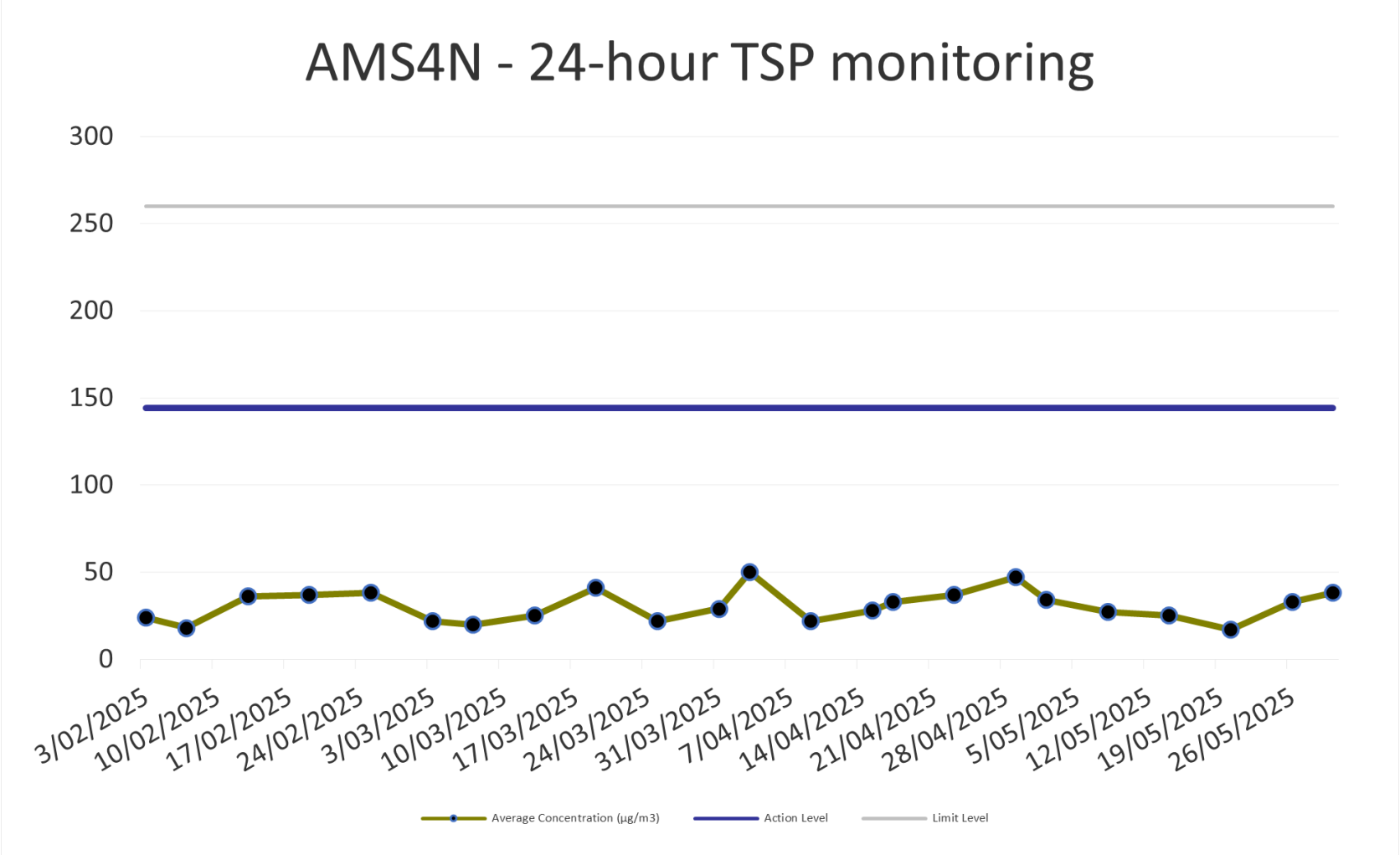
Date	Weather	1-hour TSP Monitoring	24-hour TSP monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
3- Apr -25	Fine	39.0	50.0
9- Apr -25	Fine	26.7	22.0
15- Apr -25	Sunny	27.7	28.0
17- Apr -25	Sunny	21.7	33.0
23- Apr -25	Fine	36.7	37.0
29- Apr -25	Fine	47.0	47.0

Date	Weather	1-hour TSP Monitoring	24-hour TSP Monitoring
		Average Concentration (μg/m3)	Average Concentration (μg/m3)
2- May -25	Fine	37.7	34.0
8- May -25	Fine	29.0	27.0
14- May -25	Fine	30.0	25.0
20- May -25	Fine	24.7	17.0
26- May -25	Cloudy	34.3	33.0
30- May -25	Cloudy	20.3	38.0
	Average:	29.7	30.6
	Action Level:	278	144
	Limit Level:	500	260

AMS4N- 1 – hour TSP Monitoring



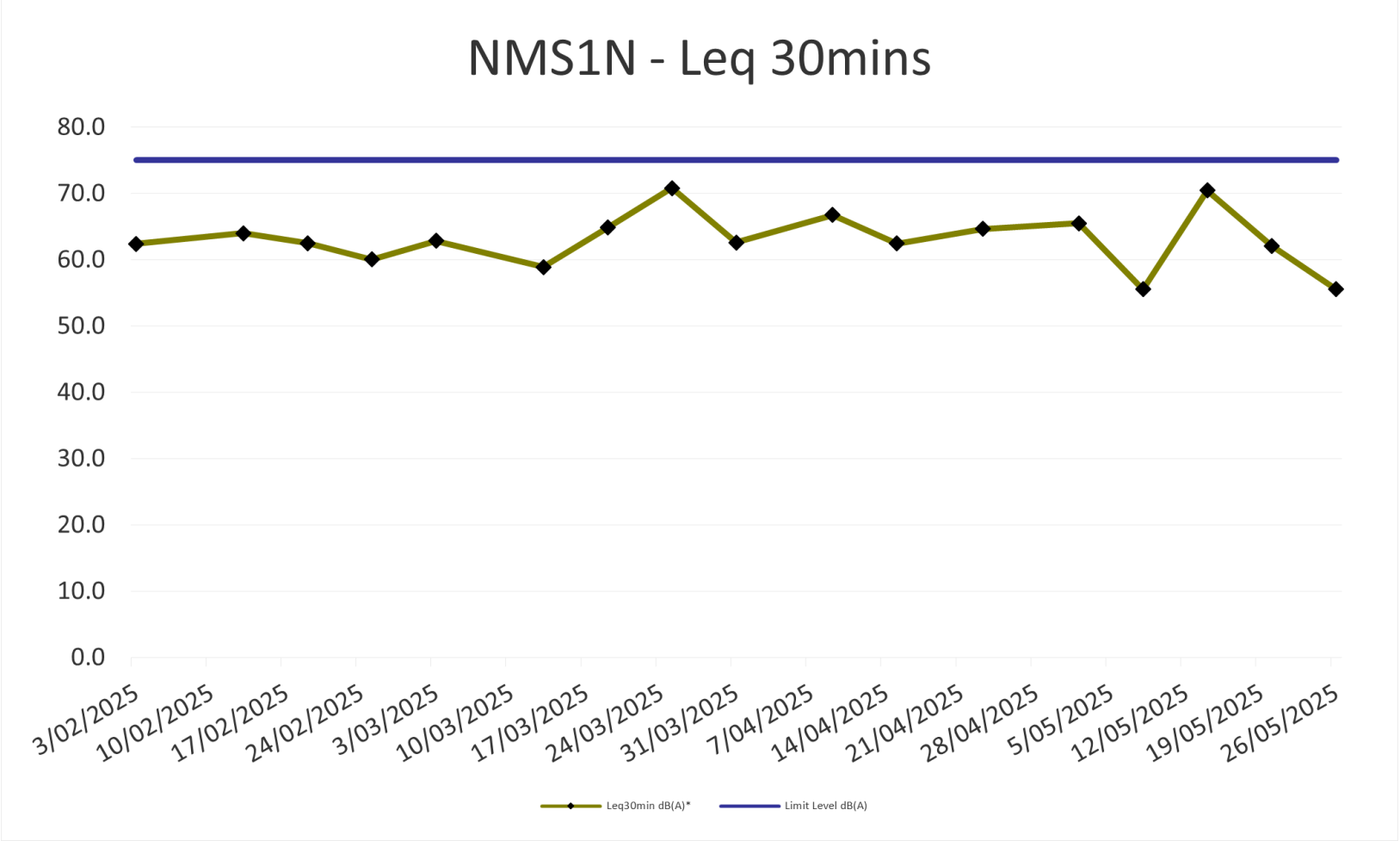
AMS4N- 24 – hour TSP Monitoring



NMS1N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
3- Mar -25	Cloudy	62.9	53.0	66.0	75
13- Mar -25	Fine	58.9	51.6	62.4	75
19- Mar -25	Fine	64.9	54.9	68.9	75
25- Mar -25	Fine	70.8	67.9	73.4	75
31- Mar -25	Cloudy	62.6	52.4	65.8	75
9- Apr -25	Fine	66.8	49.1	72.4	75
15- Apr -25	Sunny	62.4	52.1	65.6	75
23- Apr -25	Fine	64.6	58.1	66.2	75
2- May -25	Fine	65.5	62.8	67.9	75
8- May -25	Fine	55.5	52.8	61.7	75
14- May -25	Fine	70.4	61.7	73.5	75
20- May -25	Fine	62.1	45.2	63.8	75
26- May -25	Cloudy	55.5	52.8	61.8	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				

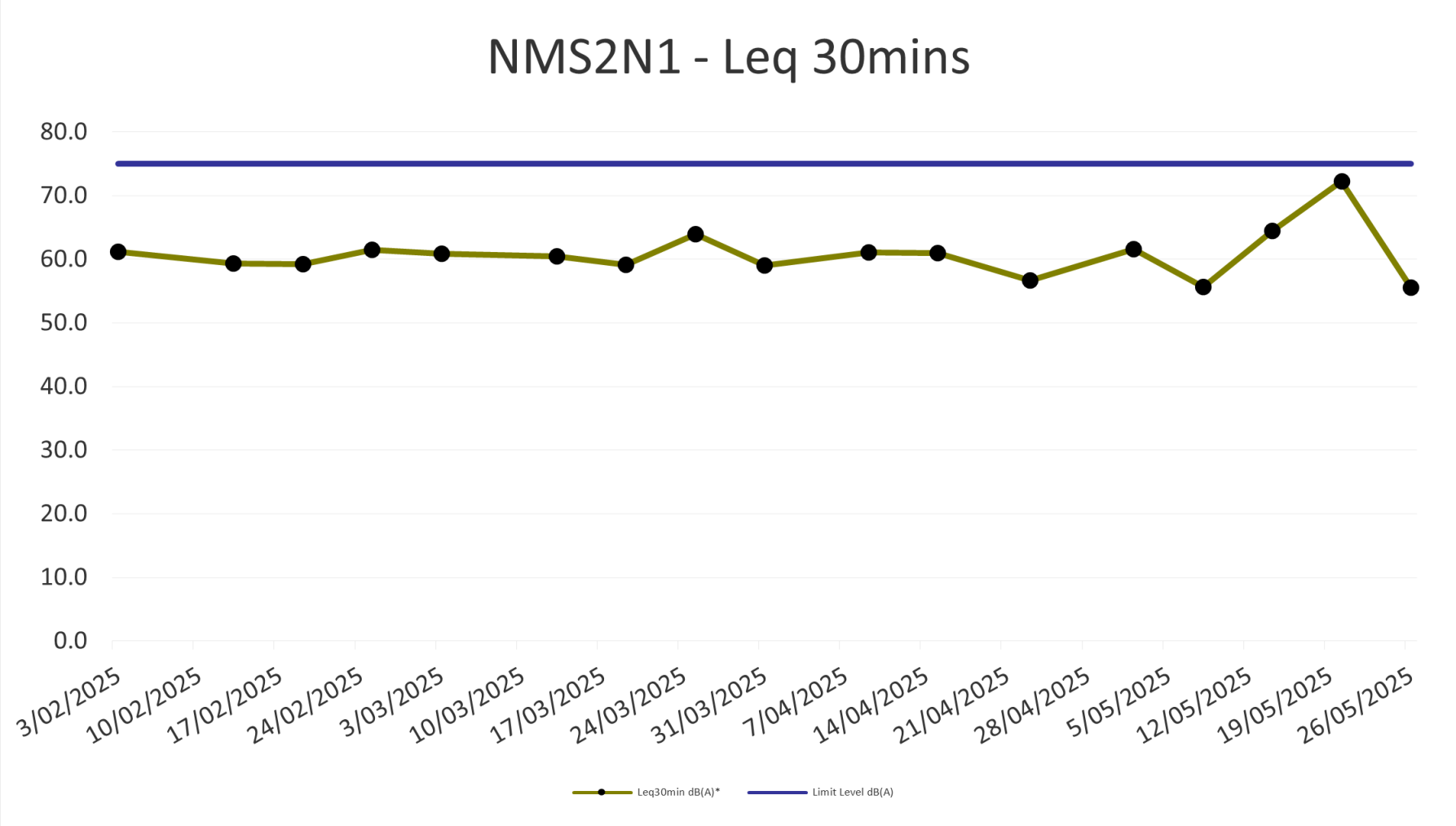
NMS1N – Leq30 Noise monitoring



NMS2N1 – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
3- Mar -25	Cloudy	60.9	58.3	63.1	75
13- Mar -25	Fine	60.5	57.4	64.4	75
19- Mar -25	Fine	59.1	57.6	60.6	75
25- Mar -25	Fine	63.9	46.8	67.5	75
31- Mar -25	Cloudy	59.1	55.7	61.1	75
9- Apr -25	Fine	61.1	57.6	64.5	75
15- Apr -25	Sunny	61.0	56.6	65.0	75
23- Apr -25	Fine	56.7	50.3	59.7	75
2- May -25	Fine	61.5	59.2	63.5	75
8- May -25	Fine	55.6	52.5	65.7	75
14- May -25	Fine	64.5	57.8	67.8	75
20- May -25	Fine	72.3	62.9	74.4	75
26- May -25	Cloudy	55.6	52.5	65.5	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				

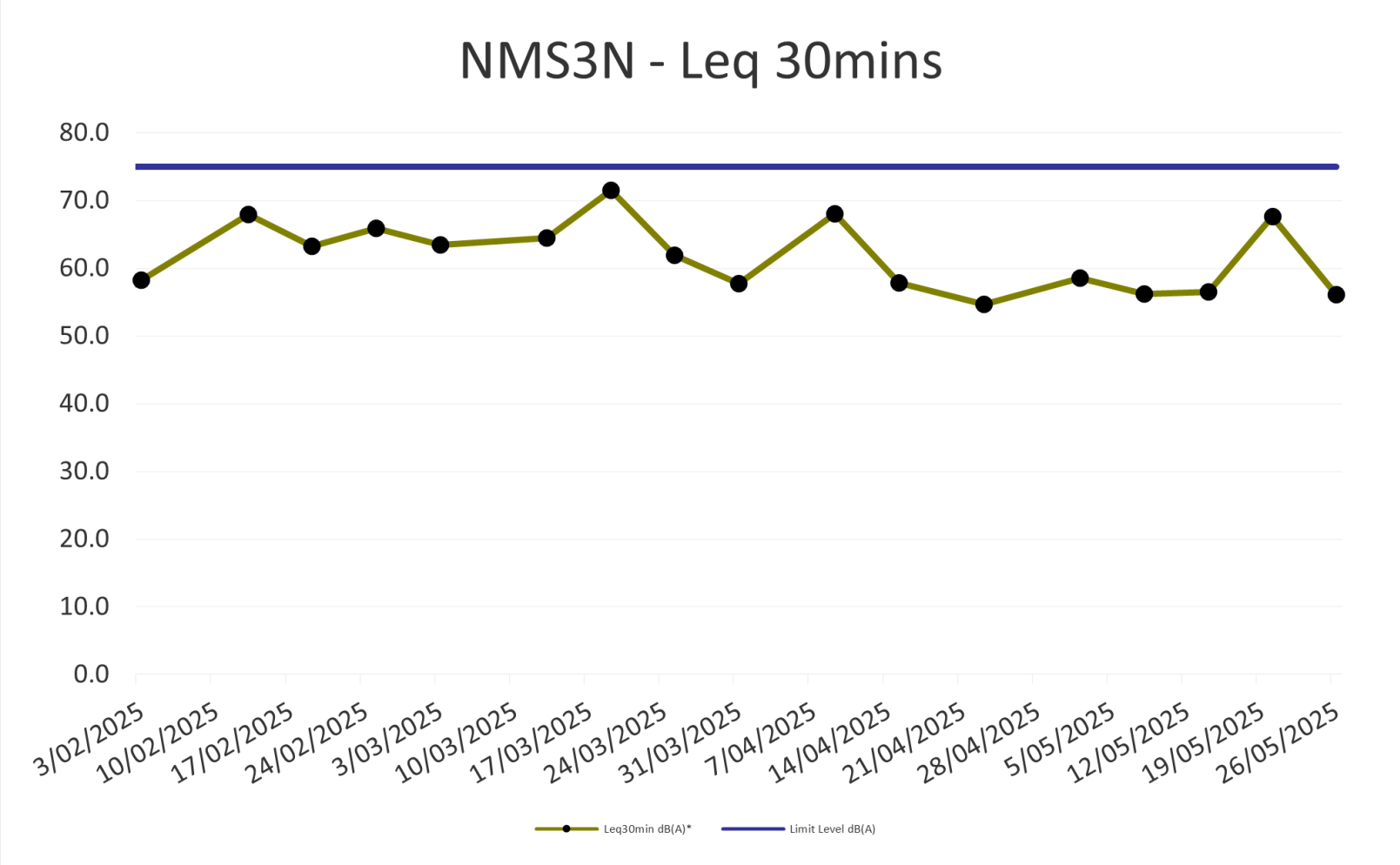
NMS2N1 – Leq30 Noise monitoring



NMS3N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
3- Mar -25	Cloudy	63.4	57.6	65.6	75
13- Mar -25	Fine	64.5	55.3	66.9	75
19- Mar -25	Fine	71.5	66.1	73.5	75
25- Mar -25	Fine	61.9	57.6	64.7	75
31- Mar -25	Cloudy	57.7	52.6	60.8	75
9- Apr -25	Fine	68.1	57.5	72.0	75
15- Apr -25	Sunny	57.8	51.0	60.1	75
23- Apr -25	Fine	54.7	44.3	59.0	75
2- May -25	Fine	58.5	56.0	60.4	75
8- May -25	Fine	56.2	53.4	64.9	75
14- May -25	Fine	56.5	51.1	59.0	75
20- May -25	Fine	67.6	56.5	70.6	75
26- May -25	Cloudy	56.1	53.4	65.3	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				

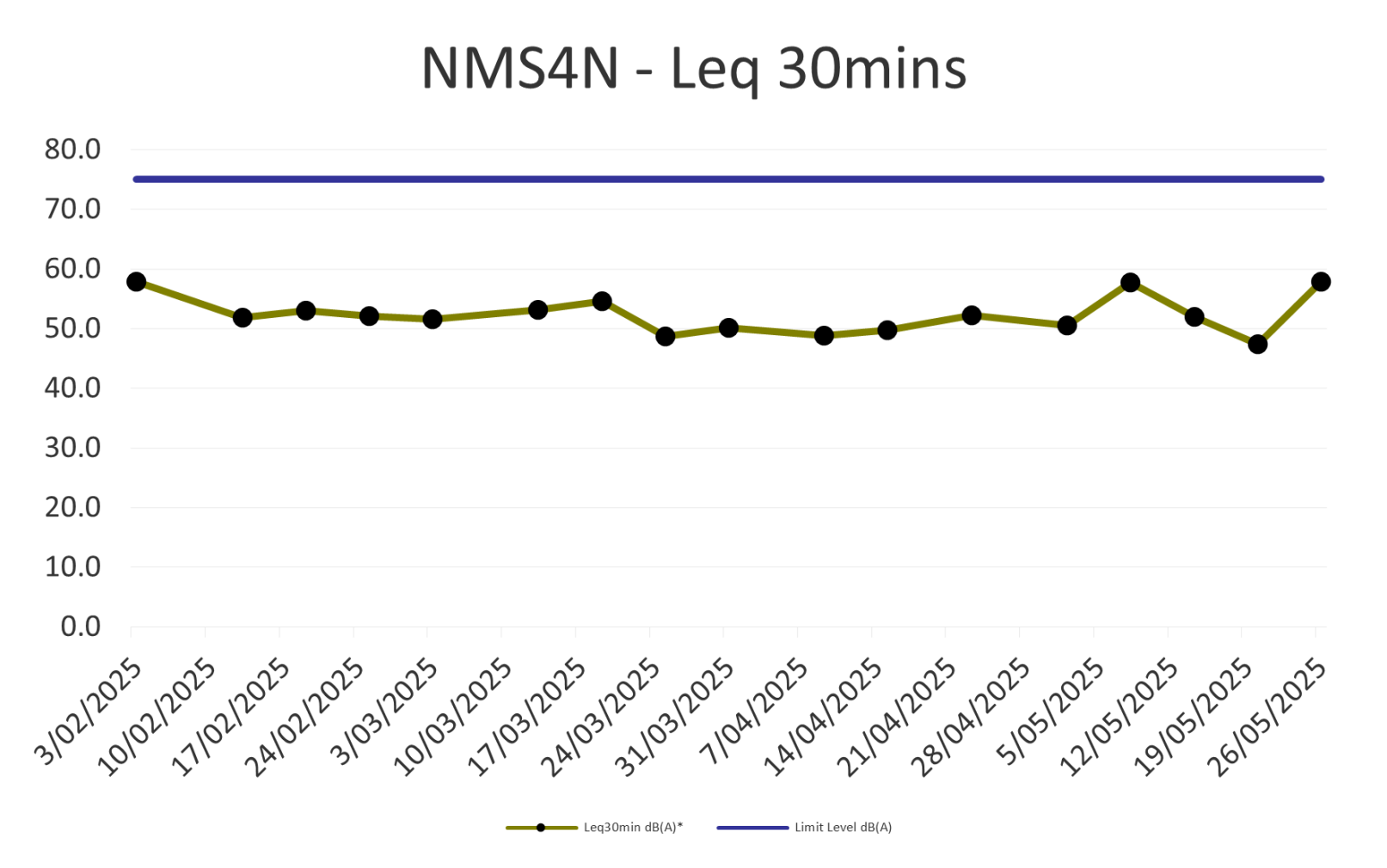
NMS3N – Leq30 Noise monitoring



NMS4N – Leq30 Noise monitoring

Start Date & Time	Weather	Leq dB(A)	L90 dB(A)	L10 dB(A)	Limit Level:
3- Mar -25	Cloudy	51.5	47.6	54.0	75
13- Mar -25	Fine	53.1	48.7	55.1	75
19- Mar -25	Fine	54.6	47.9	57.1	75
25- Mar -25	Fine	48.7	44.2	51.3	75
31- Mar -25	Cloudy	50.2	45.7	52.9	75
9- Apr -25	Fine	48.8	44.8	51.3	75
15- Apr -25	Sunny	49.8	45.2	52.1	75
23- Apr -25	Fine	52.3	44.8	55.6	75
2- May -25	Fine	50.5	48.4	52.1	75
8- May -25	Fine	57.7	53.4	65.4	75
14- May -25	Fine	52.0	46.1	54.2	75
20- May -25	Fine	47.4	45.6	51.7	75
26- May -25	Cloudy	57.9	53.6	65.9	75
Action Level:	When one valid documented complaint is received				
Limit Level:	75.0 dB(A)				

NMS4N – Leq30 Noise monitoring



APPENDIX H - SUMMARY OF WASTE FLOW TABLE

Monthly Summary Waste Flow Table for 2025 Year

Month		Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in other Projects	Disposal as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see note 3)	Chemical Waste	Other, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	[in '000kg]	[in '000kg]	[in '000kg]	[in '000kg]	[in Tonne]
Jan	0.003	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
Feb	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mar	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun											
Sub-Total	0.003	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Total	0.003	0.000	0.000	0.000	0.003	0.000	0.000	0.000	0.000	0.000	0.000

Note:

(1) The performance targets are given in the Environmental Management Plan.
(2) The waste flow table shall also include C&D materials to be imported for use at the Site.
(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

APPENDIX I - CUMULATIVE STATISTICS ON COMPLAINTS, NOTIFICATIONS OF SUMMONS

Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From	Received By	Nature of Environmental Complaint	Relevant to the Construction Work of Project Site? (Y/N)	Investigation/ Mitigation Action	Status
001	28 December 2021	EPD	ET	Waste Management	N	The investigation report was submitted on 7 April 2022	Closed
002	23 September 2024	EPD	ET	Waste Management	N	The investigation report was submitted on 27 September 2024	Closed
003	26 February 2025	EPD	ET	Wastewater Management / Air & Noise	N	The investigation report was submitted on 5 March 2025	Closed

Remark: * No Notifications of Summons or Successful Prosecutions were received during the reporting period.

Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions and Public Engagement Activities

Reporting Period	Complaints	Notifications of Summons and Prosecutions	Public Engagement Activities
2025/03	0	0	0
2025/04	0	0	0
2025/05	0	0	0
Cumulative Project-to-Date	3	0	0