

香港電燈有限公司
The Hongkong Electric Co., Ltd.



**Lamma Power Station Extension
Construction Phase
Monthly Environmental Monitoring & Audit Report**

September 2025

香港電燈有限公司
The Hongkong Electric Co., Ltd.



ENVIRONMENTAL IMPACT ASSESSMENT (EIA) ORDINANCE, CAP. 499

ENVIRONMENTAL PERMIT NO. EP-071/2000/D

**LAMMA POWER STATION EXTENSION
ENVIRONMENTAL MONITORING & AUDIT PROGRAMME
AT CONSTRUCTION PHASE**

Report Title	Lamma Power Station Extension – Unit L13 Monthly EM&A Report (September 2025)
Date	14 October 2025
Certified by	 (Mr. CHAN Hon Yeung, Environmental Team Leader)
Verified by	 Mr. Y. W. Fung (AECOM Asia Company Limited, Independent Environmental Checker)

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EXECUTIVE SUMMARY

This is the 185th monthly Environmental Monitoring and Audit (EM&A) report for the Project “Construction of Lamma Power Station Extension” prepared by the Environmental Team (ET). This report presents the results of impact monitoring on air quality and noise for the said project in September 2025.

The reclamation and submarine pipeline works were completed with the first gas-fired combined cycle unit (viz. Unit L9) commissioned in October 2006, working currently on base load operation. To cope with the scheduled retirement of the existing units at Lamma Power Station, the second gas-fired combined cycle unit (viz. Unit L10) L10 was commissioned for reliable operation in February 2020.

In September 2016, the Government approved HK Electric to construct the third combined cycle gas-fired generating unit (Unit L11) to implement the 2020 Fuel Mix Target. L11 was commissioned for reliable operation effective in May 2022.

With the Government’s approval to build the fourth combined cycle gas-fired generating unit (L12) in July 2018, the associated construction work commenced in April 2019. L12 was commissioned for reliable operation effective on 31/3/2024. The operational EM&A work for L9, L10, L11 and L12 is recorded in the separate monthly EM&A report for the Project “Operation of Lamma Power Station Extension”.

With the Government’s approval to build the fifth combined cycle gas-fired generating unit (L13) in November 2023, the associated construction work commenced in end January 2024.

Air and noise monitoring were performed. The results were checked against the established Action/Limit (AL) levels. An on-site audit was conducted once per week. The implementation status of the environmental mitigation measures, Event/Action Plan and environmental complaint handling procedures were also checked.

Construction Activities Undertaken

Construction activities for Lamma Extension during the reporting month are tabulated as follows:

Item	Construction Activities
Unit L13 Civil and Building Works	Civil advance work

Environmental Monitoring Works

All monitoring work at designated stations was performed as scheduled satisfactorily.

Air Quality

No exceedance of Action/Limit levels on 1-hour TSP and 24-hour TSP for air quality was recorded in the month.

Noise

No exceedance of Action and Limit levels for noise arising from the construction of Lamma Extension was recorded in the month.

Site Environmental Audit

Site audits were carried out on a weekly basis to monitor environmental issues on the construction site. The site conditions were generally satisfactory.

Environmental Licensing and Permitting

Description	Permit No.	Valid Period		Issued To	Date of Issuance
		From	To		
Varied Environmental Permit	EP-071/2000/D	28/09/20	-	HK Electric	28/09/20
Construction Noise Permit	GW-RS0498-25	19/05/25	18/11/25	Contractor	14/05/25
WPCO Discharge Licence	WT100046647-2025	18/07/25	31/07/30	Contractor	18/07/25
Waste Disposal Billing Account	Account No.: 7054247	03/04/25	-	Contractor	03/04/25

Implementation Status of Environmental Mitigation Measures

Environmental mitigation measures for the construction activities as recommended in the EM&A manual were implemented in the reporting month.

Environmental Complaints

No complaint in relation to the environmental impact of the construction activities was received in the reporting month.

Future Key Issues

The future key issues to be considered in the coming month are as follows:

Unit L13 Civil and Building Works

- to continue monitoring the noise level during construction and to ensure compliance with the CNP's already obtained;
- to monitor and review the sufficiency of the dust suppression measures provided and increase the resources accordingly if necessary;
- to treat wastewater in sedimentation tank for re-use on construction activities and to ensure compliance with the WPCO discharge licence already obtained.

Concluding Remarks

The environmental performance of the project was generally satisfactory.

1. INTRODUCTION

1.1 Background

The Environmental Team (hereinafter called the “ET”) was formed within the Hongkong Electric Co. Ltd (HEC) to undertake Environmental Monitoring and Audit for “Construction of Lamma Power Station Extension” (hereinafter called the “Project”). Under the requirements of Section 6 of Environmental Permit EP-071/2000/D, an EM&A programme for impact environmental monitoring set out in the EM&A Manual (Construction Phase) is required to be implemented. In accordance with the EM&A Manual, environmental monitoring of air quality, noise and water quality and regular environmental audits are required for the Project. With the completion of reclamation and submarine pipeline works, no further marine water quality monitoring would be required.

The Project involves the construction of a gas-fired power station employing combined cycled gas turbine technology, forming an extension to the existing Lamma Power Station. The key elements of the Project including the construction activities associated with the transmission system and submarine gas pipeline are outlined as follows.

- dredging and reclamation to form approximately 22 hectares of usable area;
- construction of six 300MW class gas-fired combined cycle units;
- construction of a gas receiving station;
- construction of a transmission system linking the Lamma Extension to load centres on Hong Kong Island;
- laying of a gas pipeline for the supply of natural gas to the new power station

This report summarizes the environmental monitoring and audit work for the Project for the month of September 2025.

1.2 Project Organisation

An Environmental Management Committee (EMC) has been set up in HEC to oversee the Project. The management structure includes the following:

- Environmental Protection Department (The Authority);
- Environmental Manager (The Chairman of the Environmental Management Committee);
- Engineer;
- Independent Environmental Checker (IEC);
- Environmental Team (ET);
- Contractor.

The project organisation chart for the construction EM&A programme is shown in [Appendix A](#).

1.3 Construction Works undertaken during the Reporting Month

Construction activities for Unit L13 civil and building works were civil advance work. Layout plan for construction site is shown in [Figure 1.1](#).

The main construction activities carried out during the reporting month and the corresponding environmental mitigation measures are summarized in [Table 1.1](#). The implementation of major mitigation measures in the month is provided in [Appendix I](#).

Table 1.1 Construction Activities and Their Corresponding Environmental Mitigation Measures

Item	Construction Activities	Environmental Mitigation Measures
Unit L13 Civil and Building Works		
1	Civil Advance Work	Wastewater – All wastewater will be pumped to the sedimentation ponds for desilting process. After that, wastewater will be re-used for construction activities or pumped for storage. – All wastewater will be treated before discharge to fulfill the requirement of wastewater discharge licence. Noise – General noise mitigation measure employed at all work sites throughout the construction phase. – Following all requirement of Construction Noise Permit issued by EPD. – Generators operate with door closed. Waste Management – Waste Management Plan submitted and implemented. – Construction will be store in the proposed storage area for recycled or disposal. Air – Dust suppression in the main haul road. – Using ULSD for PMEs. – Cover dusty stockpile with tarpaulin and water spraying. – Wheel-washing was installed in site – Well maintain and check the PMEs

1.4 Summary of EM&A Requirements

The detailed EM&A monitoring work for air quality and noise are described in Sections 2 and 3 respectively. Regular environmental site audits for air quality, noise, water quality and waste management were carried out.

The following environmental audits are summarized in Section 4 of this report:

- Environmental monitoring results;
- Waste Management Records;
- Weekly site audit results;
- The status of environmental licensing and permits for the Project;

- The implementation status of environmental protection and pollution control/ mitigation measures.

Future key issues will be reported in Section 5 of this report.

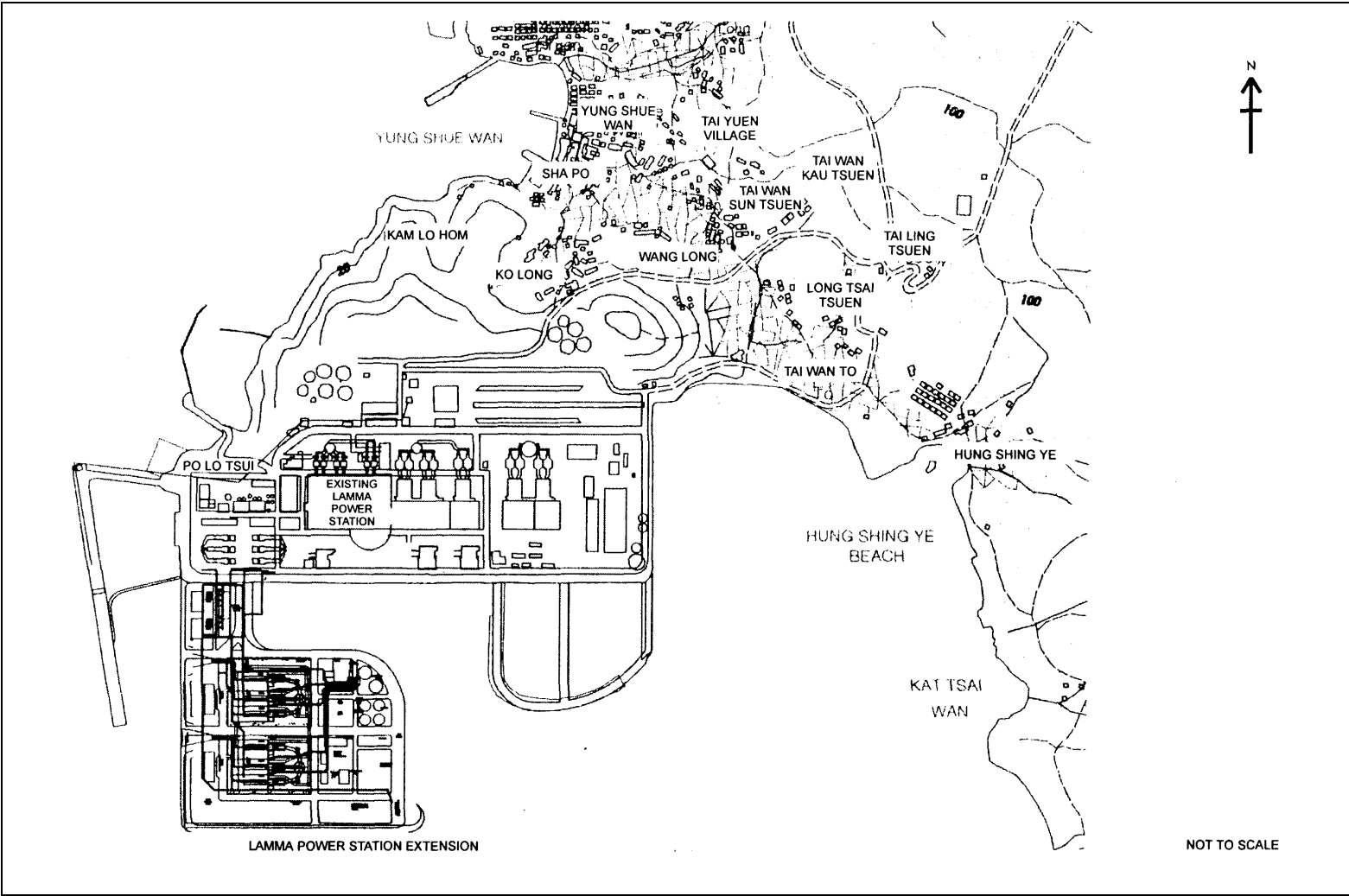


Figure 1.1 Layout of Work Site

2. AIR QUALITY

2.1 Monitoring Requirements

1-hour and 24-hour TSP monitoring at agreed frequencies were conducted to monitor air quality. The impact monitoring data were checked against the Action/Limit Levels as determined in the Baseline Monitoring Report (Construction Phase). [Appendix B](#) shows the established Action/Limit Levels for Air Quality.

2.2 Monitoring Locations

Three dust monitoring locations were selected for 1-hour TSP sampling (AM1, AM2 & AM3) while four monitoring locations were selected for 24-hour TSP sampling (AM1, AM2, AM3 and AM4). [Table 2.1](#) tabulates the monitoring stations. The locations of the monitoring stations are shown in [Figure 2.1](#).

Table 2.1 Air Quality Monitoring Locations

Location I.D.	Description
AM1	Reservoir
AM2	East Gate
AM3	Ash Lagoon
AM4	Tai Yuen Village

2.3 Monitoring Equipment

It is agreed with EPD that continuous 24-hour TSP air quality monitoring would be performed using TEOM continuous dust monitor and the MINIVOL Portable Sampler at AM1,2&3 and AM4 respectively. TEOM continuous dust monitors were used to carry out 1-hour TSP monitoring at AM1, AM2 and AM3. [Table 2.2](#) summarises the equipment used in dust monitoring.

Table 2.2 Air Quality Monitoring Equipment

Equipment	Model and Make
<i>24-hour sampling:</i>	
Continuous TSP Dust Meter	TEOM continuous dust monitor Thermo Scientific
MINIVOL Portable Sampler	AIRMETRICS
<i>1-hour sampling:</i>	
Continuous TSP Dust Meter	TEOM continuous dust monitor Thermo Scientific

2.4 Monitoring Parameters, Frequency and Duration

[Table 2.3](#) summarises the monitoring parameters, duration and frequency of air quality monitoring. The monitoring schedule for the reporting month is shown in [Appendix C](#).

Table 2.3 Air Quality Monitoring Parameter, Duration and Frequency

Monitoring Stations	Parameter	Duration	Frequency
AM1	1-hour TSP	1	3 hourly samples every 6 days
	24-hour TSP	24	Once every 6 days
AM2	1-hour TSP	1	3 hourly samples every 6 days
	24-hour TSP	24	Once every 6 days
AM3	1-hour TSP	1	3 hourly samples every 6 days
	24-hour TSP	24	Once every 6 days
AM4	24-hour TSP	24	Once every 6 days

2.5 Monitoring Procedures and Calibration Details

MINIVOL (24- hour TSP Monitoring):

Preparation of Filter Papers

- Visual inspection of filter papers was carried out to ensure that there were no pinholes, tears and creases;
- The filter papers were then labeled before sampling.
- The filter papers were equilibrated at room temperature and relative humidity < 50% for at least 24 hours before weighing.

Field Monitoring

- During collection of the sampled filter paper, the information on the elapse timer was logged. Site observations around the monitoring stations, which might have affected the monitoring results, were also recorded. Major pollution sources, if any, would be identified and reported.
- The post-sampling filter papers were removed carefully from the filter holder and folded to avoid loss of fibres or dust particles from the filter papers;
- The filter holder and its surrounding were cleaned;
- A pre-weighed blank filter paper for the next sampling was put in place and aligned carefully. The filter holder was then tightened firmly to avoid leakage;
- The programmable timer was set for the next 24 hrs sampling period;
- The post-sampling filter papers were equilibrated at room temperature and relative humidity < 50% for at least 24 hours before weighing.

TEOM continuous dust monitor (24- hour TSP and 1- hour TSP Monitoring):

- The following parameters of the TEOM model dust meters are regularly checked to ensure proper functionality:
 - Operation Mode;
 - Frequency of the tapered element;
 - Main flow;
 - Bypass flow.

Maintenance & Calibration

- The monitoring equipment and their accessories are maintained in good working conditions.

- Monitoring equipment is calibrated at monthly intervals. Calibration details are shown in [Appendix F](#).

2.6 Results and Observations

All dust monitoring works were conducted on schedule. All monitoring data and graphical presentation of the monitoring results are provided in [Appendix D](#). Key findings and observations are provided below:

1-hour TSP

No exceedance of 1-hour TSP Action/Limit Level was recorded in the month.

24-hour TSP

No exceedance of 24-hour TSP Action/Limit Level was recorded in the month.

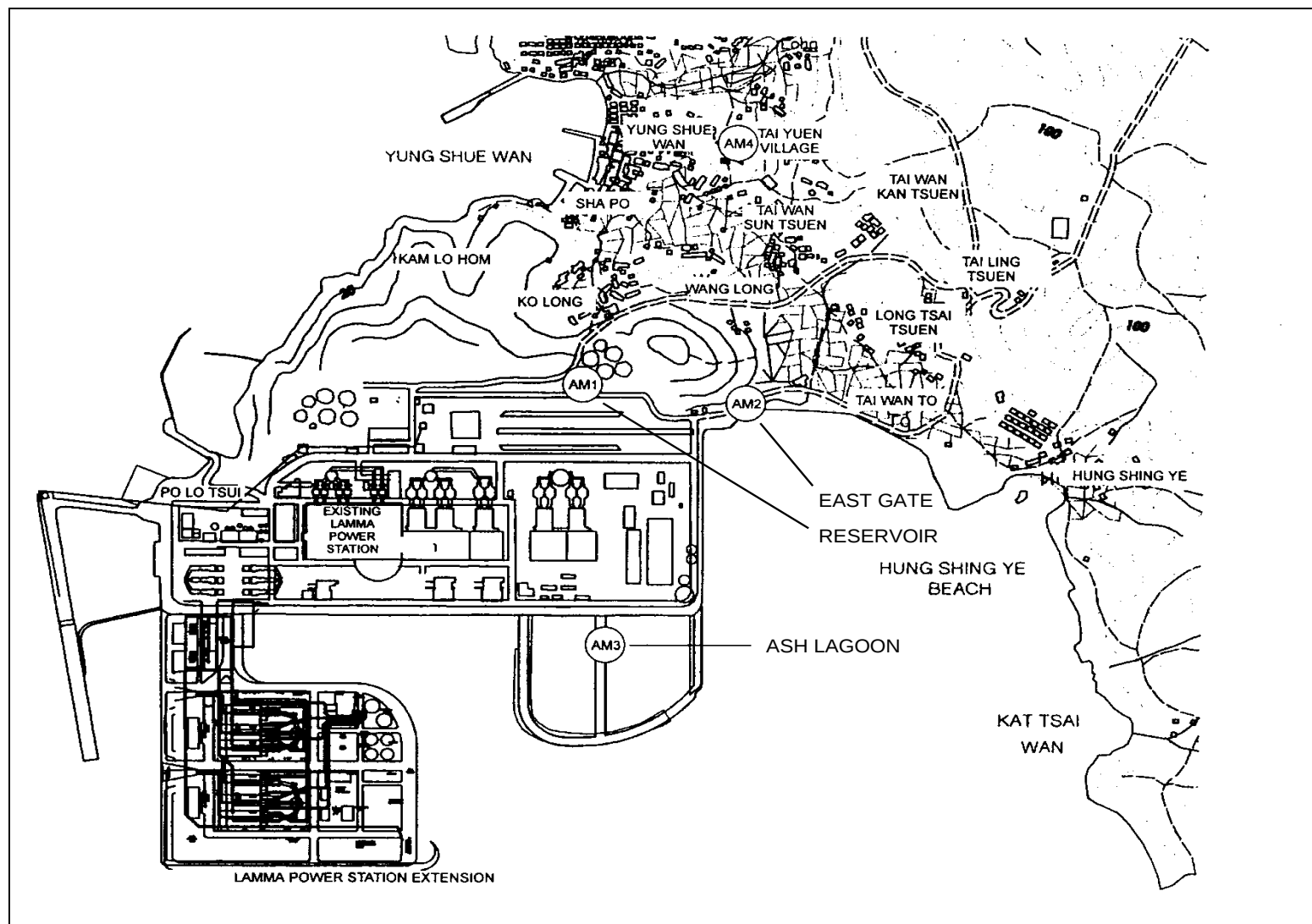


Figure 2.1 Location of Air Quality Monitoring Stations

3. NOISE

3.1 Monitoring Requirements

Continuous noise alarm monitoring at Ash Lagoon/Ching Lam were carried out to calculate the noise contributed by the construction activities at the two critical NSR's, viz. Long Tsai Tsuen/Hung Shing Ye and the school within the village of Tai Wan San Tsuen. The impact monitoring data for construction noise were checked against the limit levels specified in the EM&A Manual. With the availability of the construction noise permits, impact monitoring for the construction work during the restricted hours was also carried out. Section 3 presents the details of the construction noise permits.

The impact noise monitoring data were checked against the limit levels specified in the EM&A Manual. [Appendix B](#) shows the established Action/Limit Levels for noise.

3.2 Monitoring Locations

In accordance with the EM&A manual, the identified noise monitoring locations of Ash Lagoon and Ching Lam are shown in [Figure 3.1](#).

3.3 Monitoring Equipment

The sound level meters used for noise monitoring complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). The noise monitoring equipment used is shown in [Table 3.1](#).

Table 3.1 Noise Monitoring Equipment

Equipment	Model
Sound level meters	B&K 2250
Sound level calibrator	B&K 4231

3.4 Monitoring Parameters, Frequency and Duration

Continuous alarm monitoring was carried out at Ash Lagoon and Ching Lam. The measurement duration and parameter of noise monitoring were presented in [Table 3.2](#) as follows:

Table 3.2 Noise Monitoring Duration and Parameter

Location	Time Period	Frequency	Parameter
Ash Lagoon Ching Lam	Day-time: 0700-1900 hrs on normal weekdays	Day-time: 30 minutes	30-min L_{Aeq}
	Evening-time & holidays: 0700-2300 hrs on holidays; and 1900-2300 hrs on all other days	Evening-time & holidays: 5 minutes	5-min L_{Aeq}
	Night-time: 2300-0700 hrs of next day	Night-time: 5 minutes	5-min L_{Aeq}

3.5 Monitoring Procedures and Calibration Details

Monitoring Procedures

Continuous Noise Monitoring for Lamma Extension Construction

The measured noise levels (MNL's) were collected at the noise alarm monitoring stations at Ash Lagoon and Ching Lam. The notional background noise levels (viz. baseline noise data at Ash Lagoon and Ching Lam) were applied to correct the corresponding MNL's in 30-min/5-min L_{Aeq} .

A wind speed sensor was installed at Station Building Rooftop. The wind speed signal was used to determine whether the data from Ash Lagoon and Ching Lam noise alarm monitoring stations were affected. The instantaneous data was discarded in case the instantaneous wind speed exceeded 10 m/s. The 30-min/5-min L_{Aeq} was considered valid only if the amount of valid data was equal to or above 70%.

Equipment Calibration

The sound level meters and calibrators were verified by the manufacturer or accredited laboratory. With the endorsement of the Independent Environmental Checker, the enhancement of calibration of sound level meter at the noise monitoring stations was implemented. The monthly manual on-site calibration using sound level calibrator was replaced by the daily auto charge injection calibration function of the sound level meter. For additional quality assurance, manual on-site calibration would still be conducted for the noise monitoring stations once every 6 months. The manual on-site calibrations for Ash Lagoon and Ching Lam noise monitoring stations were carried out in August 2025 and September 2025 respectively. The next calibrations for the two corresponding noise monitoring stations were scheduled in February 2026.

3.6 Results and Observations

Continuous noise monitoring was conducted at the two monitoring stations at Ash Lagoon and Ching Lam.

All monitoring results and their graphical presentations are provided in [Appendix E](#). No exceedance of noise Action/Limit Level was recorded in the month.

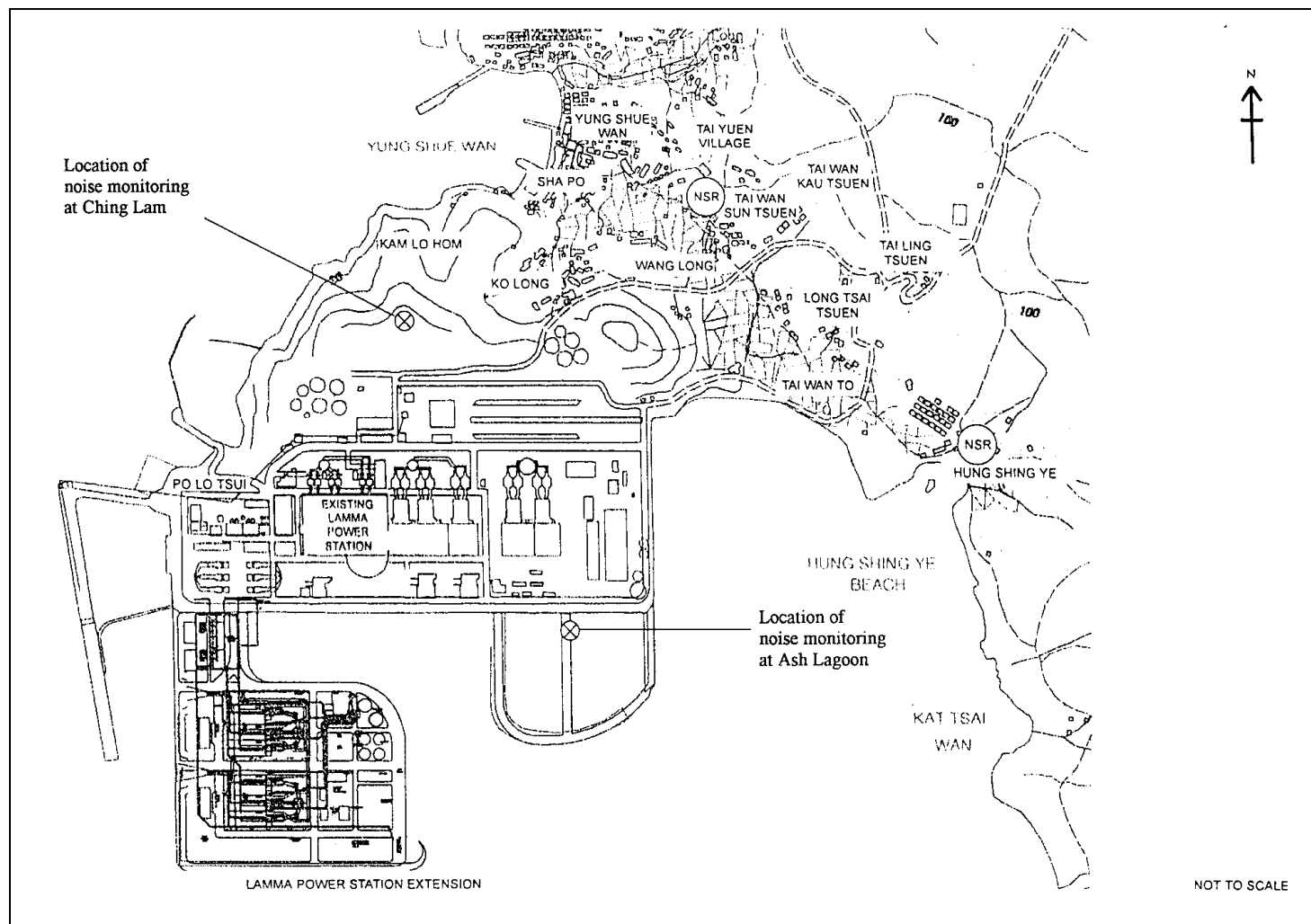


Figure 3.1 Location of Noise Monitoring Stations

4. ENVIRONMENTAL AUDIT

4.1 Review of Environmental Monitoring Procedures

The environmental monitoring procedures were regularly reviewed by the Environmental Team. No modification to the existing monitoring procedures was recommended.

4.2 Assessment of Environmental Monitoring Results

Monitoring results for Air Quality and Noise

The environmental monitoring results for Air Quality and Noise in the reporting month presented in Sections 2 and 3 respectively are summarized in [Table 4.1](#).

Table 4.1 Summary of AL Level Exceedances on Monitoring Parameters

Item	Parameter Monitored	Monitoring Period	No. of Exceedances In		Event/Action Plan Implementation Status and Results
			Action Level	Limit Level	
Air					
1	Ambient TSP (24-hour)	01/09/2025-30/09/2025	0	0	
2	Ambient TSP (1-hour)	01/09/2025-30/09/2025	0	0	
Noise					
1	Noise level at the critical NSR’s predicted by the noise alarm monitoring system	01/09/2025-30/09/2025	0	0	

4.3 Waste Management

Wastes generated from this Project include inert construction and demolition (C&D) materials and non-inert C&D materials. Inert C&D materials comprise excavated materials and broken concrete. Non-inert C&D materials comprise general refuse, metals and paper/ cardboard packaging, plastics, chemical waste, etc.

Inert C&D material and non-inert C&D material disposed of in September 2025 are shown in [Table 4.2](#).

Table 4.2 Estimated Amounts of Waste in September 2025

Total Inert C&D Waste Materials	Non-inert C&D Materials		
	C&D Materials Recycled	C&D Waste Disposed of at Landfill	Chemical Waste
0 Tonnes	0 Tonnes	2.5 Tonnes	0 Tonnes

The monthly waste flow tables prepared by the contractors are attached in [Appendix K](#)

4.4 Site Environmental Audit

Site audits were carried out by ET on a weekly basis to monitor environmental issues at the construction sites to ensure that all mitigation measures were implemented timely and properly. The site audit findings for the reporting month are summarized in [Appendix H](#). The site conditions were generally satisfactory. All required mitigation measures were implemented.

4.5 Status of Environmental Licensing and Permitting

All permits/licenses obtained for the project are summarised in [Table 4.3](#).

Table 4.3 Summary of Environmental Licensing and Permit Status

Description	Permit No.	Valid Period		Highlights	Status
		From	To		
Varied Environmental Permit	EP-071/2000/D	28/09/20	-	The whole construction work site	Valid
Construction Noise Permit	GW-RS0498-25	19/05/25	18/11/25	Civil and building works for Unit L13. Operation of PME during restricted hours.	Valid
WPCO Discharge Licence#	WT00046647-2025	18/07/25	31/07/30	Civil and building works for Unit L13	Valid
Waste Disposal Billing Account	Account No.: 7054247	03/04/25	-	Civil and building works for Unit L13	Valid

Notes: # - Water quality monitoring was carried out in September 2025 and the result of which would be reported separately by the contractor.

4.6 Implementation Status of Environmental Mitigation Measures

Mitigation measures detailed in the permits and the EM&A Manual (Construction Phase) are required to be implemented. An updated summary of the Environmental Mitigation Implementation Schedule (EMIS) is presented in [Appendix I](#).

4.7 Implementation Status of Event/Action Plans

The Event/Action Plans extracted from the EM&A Manual (Construction Phase) are presented in [Appendix G](#).

4.8 Implementation Status of Environmental Complaint Handling Procedures

In September 2025, no complaint in relation to the environmental impact of the construction activities was received.

Table 4.4 Environmental Complaints Received in September 2025

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
Nil	N/A	N/A

Table 4.5 Outstanding Environmental Complaints Carried Over

Case Reference / Date, Time Received / Date, Time Concerned	Descriptions / Actions Taken	Conclusion / Status
Nil	N/A	N/A

5. FUTURE KEY ISSUES

5.1 Key Issues for the Coming Month

Key issues to be considered in the coming month include:

Unit L13 Civil and Building Works

Noise Impact

- To continue monitoring the noise level during construction and to ensure compliance with the CNP's already obtained.

Air Impact

- To monitor and review the sufficiency of the dust suppression measures provided and increase the resources accordingly if necessary.

Water Impact

- To treat wastewater in sedimentation tank for reuse on construction activities and to ensure compliance with the WPCO discharge licence already obtained.

5.2 Monitoring Schedules for the Next 3 Months

The tentative environmental monitoring schedules for the next 3 months are shown in [Appendix C](#).

5.3 Construction Program for the Next 3 Months

The tentative construction programs for the next 3 months are shown in [Appendix J](#).

6. CONCLUSION

All monitoring work at designated stations was performed as scheduled satisfactorily. The environmental monitoring works and site inspection were performed as scheduled in the reporting month. All monitoring results were checked and reviewed.

No Action/Limit level exceedance on 1-hour and 24-hour TSP level was recorded in the reporting month.

No Action/Limit level exceedance on noise was recorded in the reporting month.

Environmental mitigation measures recommended in the EM&A manual for the construction activities were implemented in the reporting month. No complaint in relation to the environmental impact of the construction activities was received in the reporting month. No prosecution was received for this Project in the reporting period.

The environmental performance of the Project was generally satisfactory.

Appendix A Organization Chart

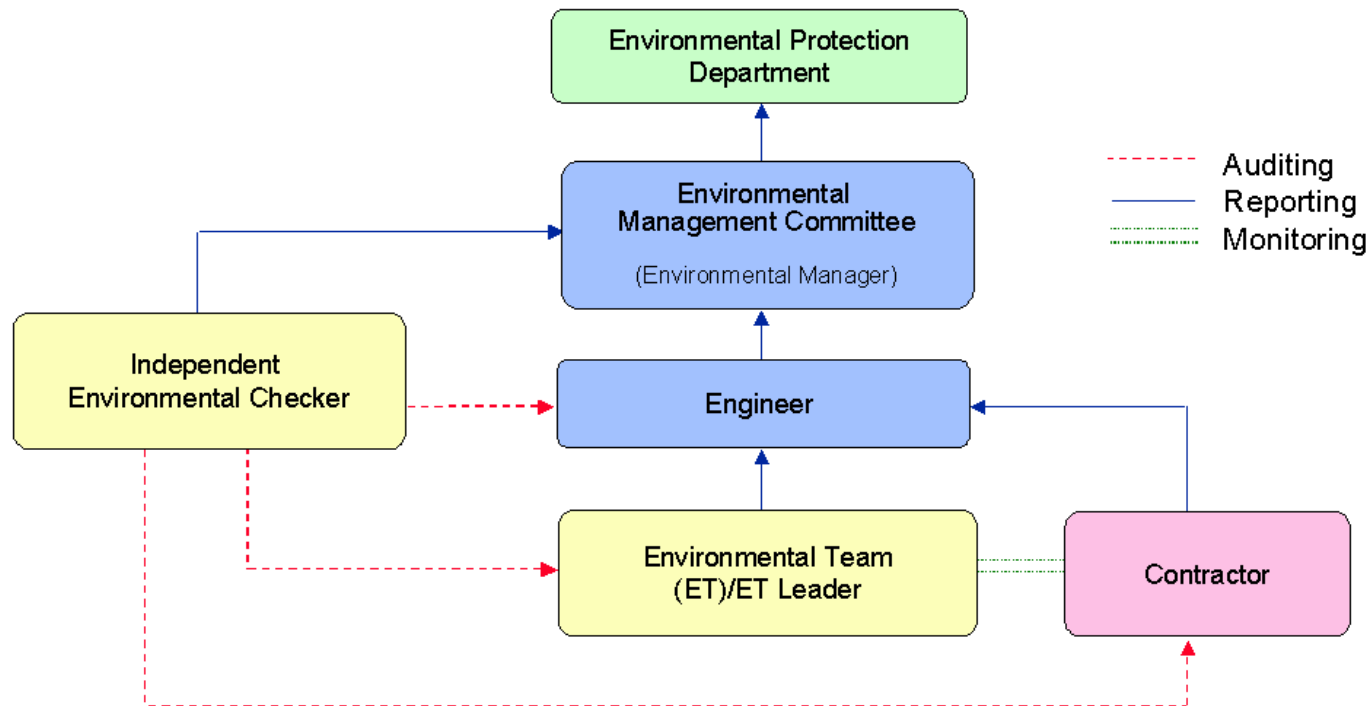


Figure A.1 Organisation of EM&A Programme at Construction Phase

Appendix B Action and Limit Levels for Air Quality and Noise Monitoring

B.1. Air

Table B.1 Action and Limit Levels for 1-hour and 24-hour TSP

	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
1-hour TSP*	340	500
24-hour TSP	190	260

* No Action/Limit Level for 1-hour TSP is applied to AM4 where no real time dust monitor is installed.

B.2. Noise

Table B.2 AL Levels for Construction Noise (Other than Percussive Piling)

Parameters	Action	Limit
Noise Levels at the NSR's at Long Tsai Tsuen/Hung Shing Ye and school within the village of Tai Wan San Tsuen predicted by the noise alarm monitoring system	When one or more documented complaints are received	a. 75 dB(A) in $L_{Aeq,30 \text{ min}}$ (07:00-19:00 hrs on normal weekdays) (Note 1)
Manual noise monitoring at the nearest Pak Kok Tsui residences to cable landing points N4 and N5		b. subject to statutory control under the Noise Control Ordinance (07:00-23:00 hrs on holidays and 19:00-23:00 hrs on all other days). Set to 60 dB(A) in $L_{Aeq,5 \text{ min}}$ c. subject to statutory control under the Noise Control Ordinance (23:00-07:00 hrs of next day). Set to 45 dB(A) in $L_{Aeq,5 \text{ min}}$
Note:		
1. For educational institution, the limit level shall be 70 dB(A), reduced to 65 dB(A) during examination periods.		

Appendix C Environmental Monitoring Schedule

Table C.1 Monitoring schedule for 24hr and 1hr TSP monitoring for Lamma Extension Construction (September 2025 to December 2025)

24hr TSP Monitoring	1hr TSP Monitoring
6/September/2025	6/September/2025 1500hr to 1800hr
12/September/2025	12/September/2025 1500hr to 1800hr
18/September/2025	18/September/2025 1500hr to 1800hr
24/September/2025	24/September/2025 1500hr to 1800hr
30/September/2025	30/September/2025 1500hr to 1800hr
6/October/2025	6/October/2025 1500hr to 1800hr
12/October/2025	12/October/2025 1500hr to 1800hr
18/October/2025	18/October/2025 1500hr to 1800hr
24/October/2025	24/October/2025 1500hr to 1800hr
30/October/2025	30/October/2025 1500hr to 1800hr
5/November/2025	5/November/2025 1500hr to 1800hr
11/November/2025	11/November/2025 1500hr to 1800hr
17/November/2025	17/November/2025 1500hr to 1800hr
23/November/2025	23/November/2025 1500hr to 1800hr
29/November/2025	29/November/2025 1500hr to 1800hr
5/December/2025	5/December/2025 1500hr to 1800hr
11/December/2025	11/December/2025 1500hr to 1800hr
17/December/2025	17/December/2025 1500hr to 1800hr
23/December/2025	23/December/2025 1500hr to 1800hr
29/December/2025	29/December/2025 1500hr to 1800hr

APPENDIX D AIR QUALITY MONITORING RESULTS

Site: Lamma Power Station Extension

Month: September 2025

24 hour TSP Measurement:-

Date	TSP concentration ($\mu\text{g}/\text{m}^3$)				Weather Information (From Hong Kong Observatory)		
	Reservoir (AM1)	East Gate (AM2)	Ash Lagoon (AM3)	Tai Yuen Village (AM4)	Mean Wind Speed (km/hr)	Prevailing Wind Dir. (°)	Mean R.H. (%)
6/9/2025	19	22	18	29	11.9	80	72
12/9/2025	12	26	19	99	6.1	110	73
18/9/2025	16	19	13	25	22.9	70	74
24/9/2025	28	32	37	17	83.0	100	91
30/9/2025	24	23	20	8	5.0	230	74

1 hour TSP Measurement:-

Date	Time	TSP concentration ($\mu\text{g}/\text{m}^3$)		
		Reservoir (AM1)	East Gate (AM2)	Ash Lagoon (AM3)
6/9/2025	15:00 - 15:59	19	33	32
	16:00 - 16:59	27	28	27
	17:00 - 17:59	17	19	10
12/9/2025	15:00 - 15:59	9	43	5
	16:00 - 16:59	17	24	42
	17:00 - 17:59	13	12	21
18/9/2025	15:00 - 15:59	16	25	21
	16:00 - 16:59	18	27	4
	17:00 - 17:59	15	10	6
24/9/2025	15:00 - 15:59	29	46	25
	16:00 - 16:59	40	41	37
	17:00 - 17:59	24	40	96
30/9/2025	15:00 - 15:59	22	32	23
	16:00 - 16:59	41	30	40
	17:00 - 17:59	25	25	37

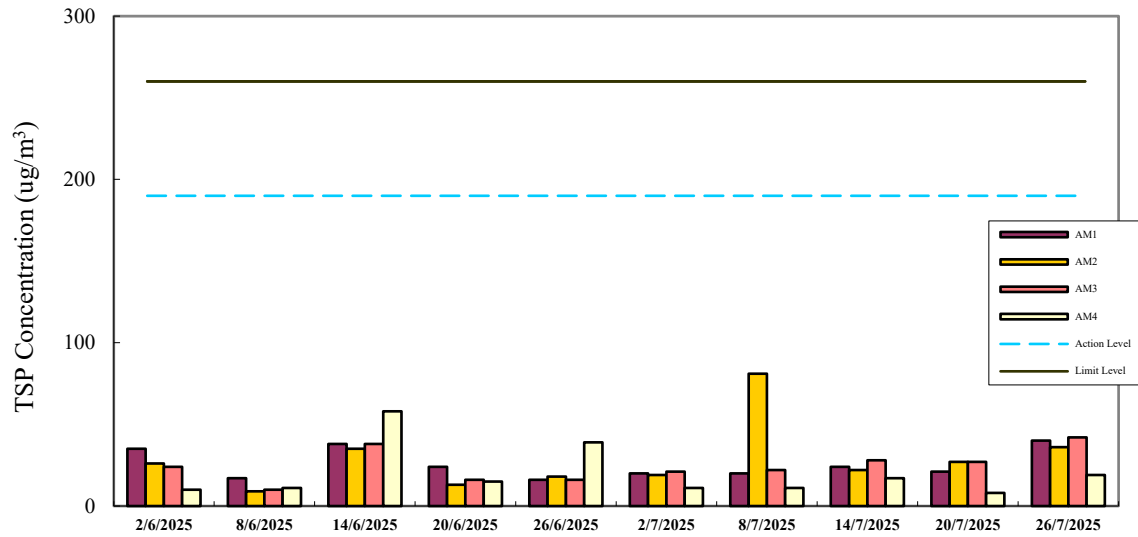
	1-hr TSP ($\mu\text{g}/\text{m}^3$)	24-hr TSP ($\mu\text{g}/\text{m}^3$)
Action Level	340	190
Limit Level	500	260

Calibration: Calibration details are shown in appendix F.

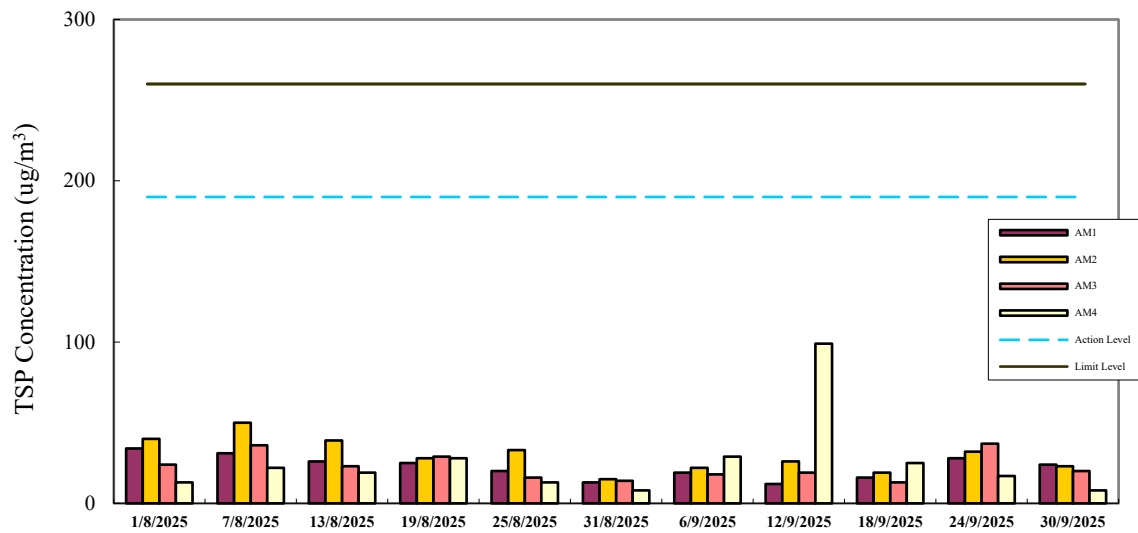
Equipment used:

Location	1-hr TSP	24-hr TSP
Reservoir, East Gate and Ash Lagoon	TEOM	TEOM
Tai Yuen Village	-	MINIVOL Portable Sampler

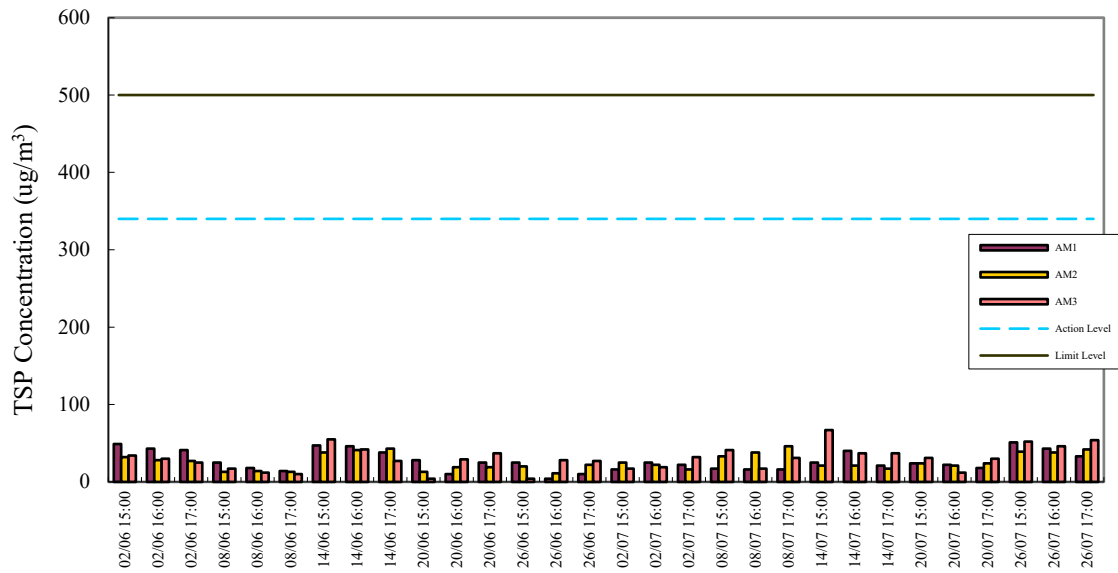
24-hr TSP Air Monitoring Data (June 2025 - July 2025)



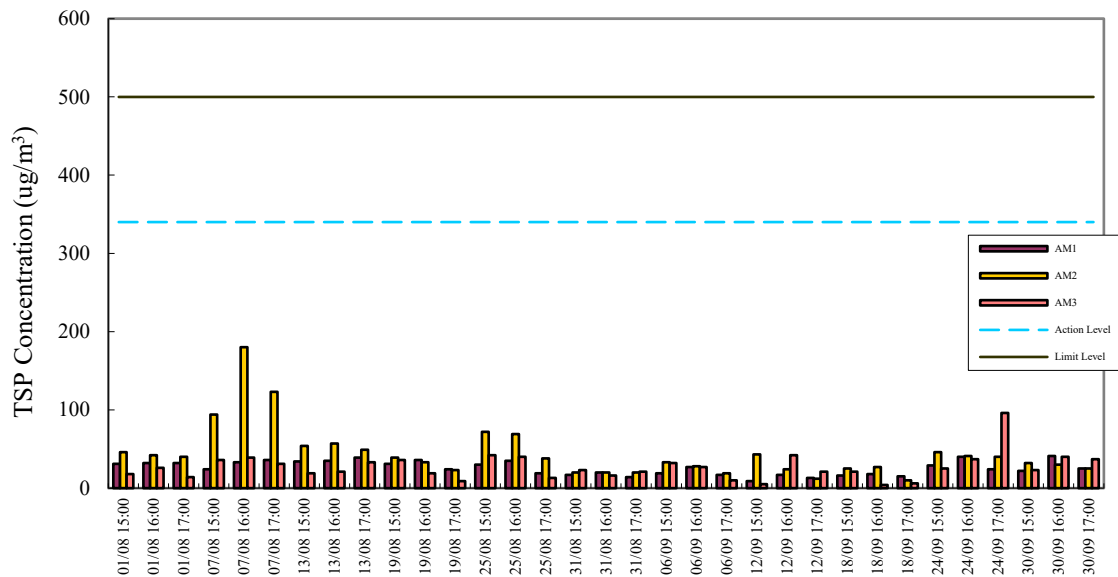
24-hr TSP Air Monitoring Data (August 2025 - September 2025)



1-hr TSP Air Monitoring Data (June 2025 - July 2025)



1-hr TSP Air Monitoring Data (August 2025 - September 2025)



Appendix E**Continuous Noise Monitoring Results for September 2025**

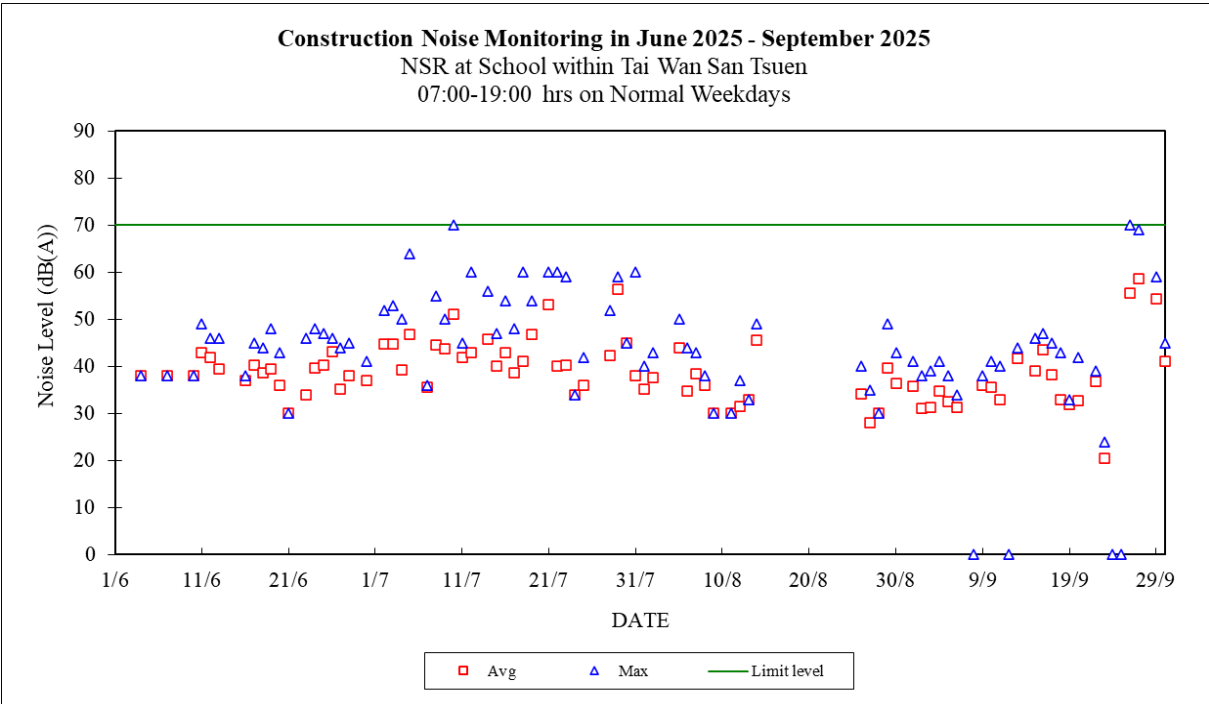
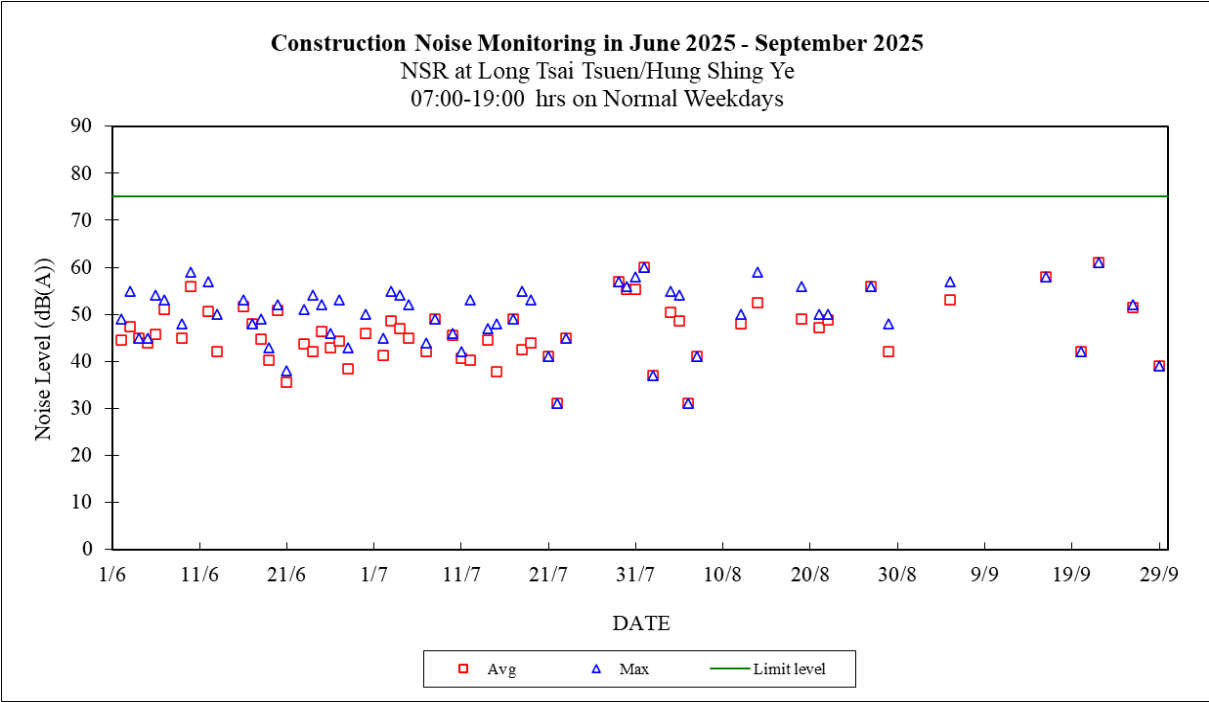
Site: Lamma Power Station Extension Construction
Measurement Location: Ash Lagoon and Ching Lam
Measurement Parameter: 30-min Leq (07:00-19:00 hrs on normal weekdays)
5-min Leq (07:00-23:00 hrs on holidays and
19:00-23:00 hrs on all other days, and 23:00-
07:00 hrs of next day)
Noise Equipment: B&K 2250 sound level meters and B&K 4231 sound
level calibrator
Lab. Calibration Date: B&K 2250 sound level meters - 18/6/2024 (Ash Lagoon)
7/5/2025 (Ching Lam)
B&K 4231 calibrator (7/5/2025)

Date	Time	Calculated Noise Level at NSR at Long Tsai Tsuen/Hung Shing Ye (dB(A))		Limit Noise Level (dB(A))	Calculated Noise Level at NSR at the school within Tai Wan San Tsuen (dB(A))		Limit Noise Level (dB(A))
		Max	Avg		Max	Avg	
1/09/2025	07:00-19:00	---	---	75	41	36	70
1/09/2025	19:00-23:00	44	35	60	38	30	60
1/09/2025	23:00-07:00	39	39	45	43	36	45
2/09/2025	07:00-19:00	---	---	75	38	31	70
2/09/2025	19:00-23:00	39	34	60	36	33	60
2/09/2025	23:00-07:00	---	---	45	35	29	45
3/09/2025	07:00-19:00	---	---	75	39	31	70
3/09/2025	19:00-23:00	47	35	60	43	34	60
3/09/2025	23:00-07:00	45	45	45	43	37	45
4/09/2025	07:00-19:00	---	---	75	41	35	70
4/09/2025	19:00-23:00	45	38	60	38	30	60
4/09/2025	23:00-07:00	---	---	45	44	36	45
5/09/2025	07:00-19:00	57	53	75	38	33	70
5/09/2025	19:00-23:00	44	35	60	42	34	60
5/09/2025	23:00-07:00	33	33	45	42	36	45
6/09/2025	07:00-19:00	---	---	75	34	31	70
6/09/2025	19:00-23:00	45	36	60	41	35	60
6/09/2025	23:00-07:00	42	25	45	45	37	45
7/09/2025	07:00-23:00	44	37	60	48	37	60
7/09/2025	23:00-07:00	44	41	45	39	36	45
8/09/2025	07:00-19:00	---	---	75	---	---	70
8/09/2025	19:00-23:00	---	---	60	43	43	60
8/09/2025	23:00-07:00	---	---	45	32	32	45
9/09/2025	07:00-19:00	---	---	75	38	36	70
9/09/2025	19:00-23:00	---	---	60	29	29	60
9/09/2025	23:00-07:00	43	35	45	45	40	45
10/09/2025	07:00-19:00	---	---	75	41	36	70
10/09/2025	19:00-23:00	40	30	60	48	34	60
10/09/2025	23:00-07:00	43	30	45	37	29	45
11/09/2025	07:00-19:00	---	---	75	40	33	70
11/09/2025	19:00-23:00	47	35	60	43	33	60
11/09/2025	23:00-07:00	---	---	45	45	33	45
12/09/2025	07:00-19:00	---	---	75	---	---	70
12/09/2025	19:00-23:00	38	31	60	45	35	60
12/09/2025	23:00-07:00	37	33	45	39	31	45
13/09/2025	07:00-19:00	---	---	75	44	42	70
13/09/2025	19:00-23:00	36	36	60	42	32	60

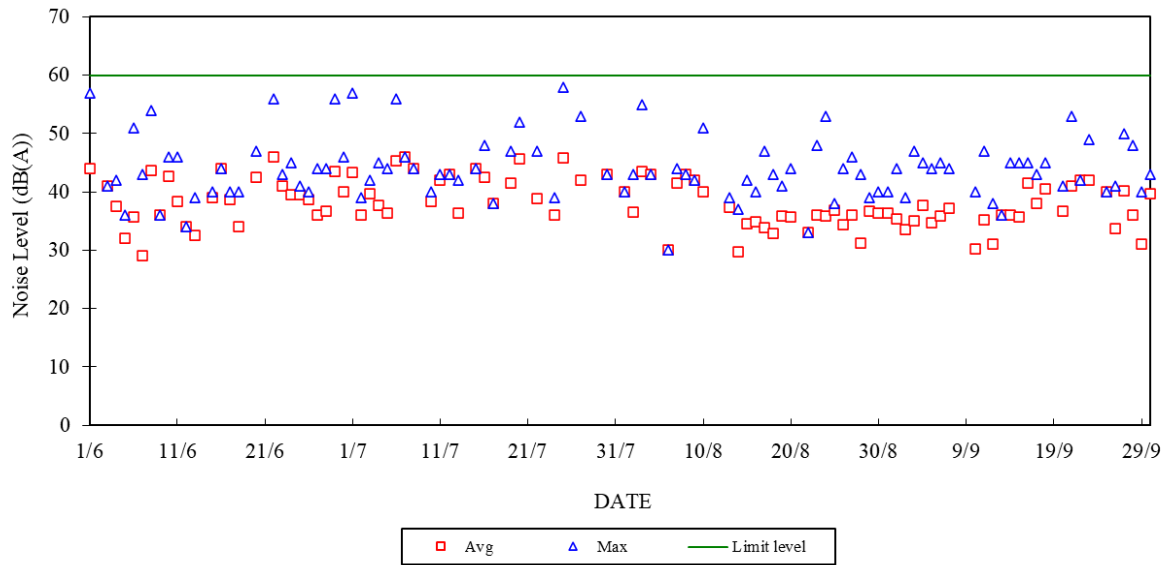
13/09/2025	23:00-07:00	---	---	45	45	36	45
14/09/2025	07:00-23:00	45	36	60	42	35	60
14/09/2025	23:00-07:00	38	38	45	41	35	45
15/09/2025	07:00-19:00	---	---	75	46	39	70
15/09/2025	19:00-23:00	45	36	60	43	33	60
15/09/2025	23:00-07:00	32	32	45	45	38	45
16/09/2025	07:00-19:00	58	58	75	47	43	70
16/09/2025	19:00-23:00	45	42	60	43	38	60
16/09/2025	23:00-07:00	---	---	45	39	33	45
17/09/2025	07:00-19:00	---	---	75	45	38	70
17/09/2025	19:00-23:00	43	38	60	42	36	60
17/09/2025	23:00-07:00	---	---	45	40	33	45
18/09/2025	07:00-19:00	---	---	75	43	33	70
18/09/2025	19:00-23:00	45	41	60	48	36	60
18/09/2025	23:00-07:00	24	24	45	39	30	45
19/09/2025	07:00-19:00	---	---	75	33	32	70
19/09/2025	19:00-23:00	---	---	60	38	38	60
19/09/2025	23:00-07:00	44	41	45	45	40	45
20/09/2025	07:00-19:00	42	42	75	42	33	70
20/09/2025	19:00-23:00	41	37	60	38	35	60
20/09/2025	23:00-07:00	37	32	45	45	37	45
21/09/2025	07:00-23:00	53	41	60	56	38	60
21/09/2025	23:00-07:00	39	33	45	42	37	45
22/09/2025	07:00-19:00	61	61	75	39	37	70
22/09/2025	19:00-23:00	42	42	60	---	---	60
22/09/2025	23:00-07:00	39	35	45	34	27	45
23/09/2025	07:00-19:00	---	---	75	24	21	70
23/09/2025	19:00-23:00	49	42	60	46	38	60
23/09/2025	23:00-07:00	45	45	45	45	42	45
24/09/2025	07:00-19:00	---	---	75	---	---	70
24/09/2025	19:00-23:00	---	---	60	---	---	60
24/09/2025	23:00-07:00	---	---	45	---	---	45
25/09/2025	07:00-19:00	---	---	75	---	---	70
25/09/2025	19:00-23:00	40	40	60	36	36	60
25/09/2025	23:00-07:00	39	37	45	34	33	45
26/09/2025	07:00-19:00	52	52	75	70	56	70
26/09/2025	19:00-23:00	41	34	60	54	38	60
26/09/2025	23:00-07:00	40	32	45	45	34	45
27/09/2025	07:00-19:00	---	---	75	69	59	70
27/09/2025	19:00-23:00	50	40	60	60	37	60
27/09/2025	23:00-07:00	43	35	45	38	30	45
28/09/2025	07:00-23:00	48	36	60	60	47	60
28/09/2025	23:00-07:00	35	30	45	44	30	45
29/09/2025	07:00-19:00	39	39	75	59	54	70
29/09/2025	19:00-23:00	40	31	60	51	40	60
29/09/2025	23:00-07:00	45	33	45	45	39	45
30/09/2025	07:00-19:00	---	---	75	45	41	70
30/09/2025	19:00-23:00	43	40	60	51	39	60
30/09/2025	23:00-07:00	43	31	45	41	32	45

Note:

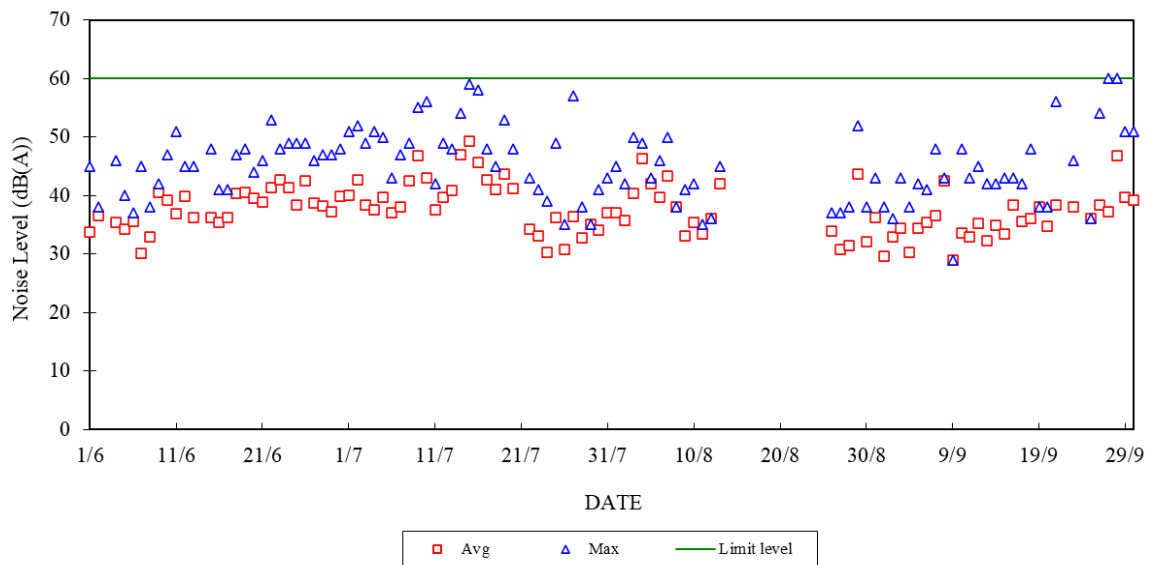
- "---" represents the measured noise monitoring data lower than the established notional background level/discarded under strong wind.
- Continuous noise monitoring was also carried out at holidays & evening-time (07:00-23:00 hrs on holidays and 19:00-23:00 hrs on all other days) and night-time (23:00-07:00 hrs of next day).



Construction Noise Monitoring in June 2025 - September 2025
NSR at Long Tsai Tsuen/Hung Shing Ye
07:00-23:00 hrs on Holidays and 19:00-23:00 hrs on All Other Days

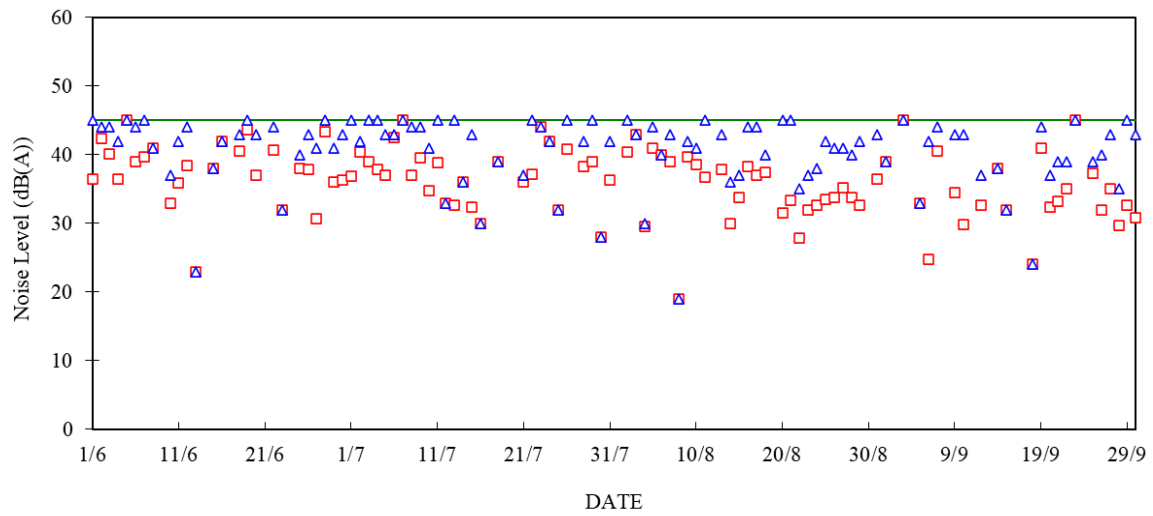


Construction Noise Monitoring in June 2025 - September 2025
NSR at School within Tai Wan San Tsuen
07:00-23:00 hrs on Holidays and 19:00-23:00 hrs on All Other Days



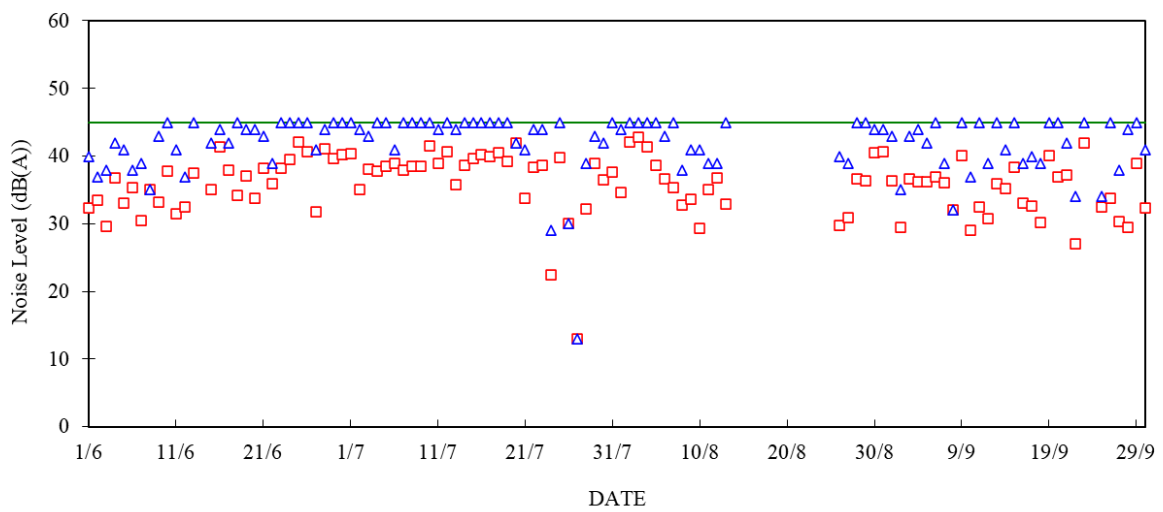
Construction Noise Monitoring in June 2025 - September 2025

NSR at Long Tsai Tsuen/Hung Shing Ye
23:00-07:00 hrs of Next Day



Construction Noise Monitoring in June 2025 - September 2025

NSR at School within Tai Wan San Tsuen
23:00-07:00 hrs of Next Day



Appendix F

The QA/QC Procedures and Results

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
TEOM Continuous Dust Monitor
Data Quality Assurance Log Sheet

Month: September Year: 2025

Reservoir (AM1)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
6/9/2025	259.479	4	2.95	13.45
12/9/2025	259.227	4	2.97	13.53
18/9/2025	259.060	4	2.97	13.51
24/9/2025	258.782	4	2.96	13.47
30/9/2025	258.486	4	2.98	13.58

East Gate (AM2)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
6/9/2025	256.902	4	3.00	13.66
12/9/2025	256.604	4	3.00	13.66
18/9/2025	256.379	4	3.00	13.66
24/9/2025	256.034	4	3.00	13.66
30/9/2025	255.689	4	3.00	13.66

Ash Lagoon (AM3)				
Date	Frequency (Hz) (240 - 275)	Operation Mode (Mode 4)	Main Flow (l/min) (2.70 - 3.30)	Bypass Flow (l/min) (12.30 - 15.04)
6/9/2025	259.713	4	3.00	13.67
12/9/2025	259.463	4	3.00	13.67
18/9/2025	259.339	4	3.00	13.67
24/9/2025	259.052	4	2.90	13.67
30/9/2025	259.881	4	3.00	13.67

Maintenance Record			
	Reservoir	East Gate	Ash Lagoon
TEOM Filter Exchange	✓	✓	✓
Clean TSP Inlet	✓	✓	✓
Replace flow in-line filter	✓	✓	✓
Pump Repair			
Leak Check			
Flow audit			
Flow Controller Calibration			
A/C filter cleaning			

Remarks:

Prepared by: Chris Chan

Checked by: HY Chan

The Hongkong Electric Co., Ltd.
Mini Volume Air Sampler Site Visit Log Sheet

Attendance Log

Site Name: Tai Yuen Village (AM4)

Date/Time	Staff Name
23/9/2025 / 15:00	Alex Ng

Equipment / Item

Equipment / Item	Serial No. / No.
MINIVOL	5580
Used Filter Paper No.	MT104
New Filter Paper No.	MT105

Type of Filter: Glass-fibre

- I. Calibration is performed by using Drycal DC-2 Flow Calibrator
5 std. L/min set point is recommended

Before:	<u>5.00</u>
After:	<u>5.00 (No Adjustment)</u>

- II. General Services

1. Clean Rotameter:	<u>Yes</u>
2. Clean / Replace Pump Valves:	<u>No</u>
3. Clean / Replace Pump Diaphragms:	<u>No</u>
4. Clean Impaction Inlet:	<u>Yes</u>
5. Replace Timer Battery Every 6 months:	<u>Yes</u>
6. Replace Inlet Filter:	<u>Yes</u>

- III. Remarks

Conducted by: Alex Ng Checked by: SM Hon

The Hongkong Electric Co., Ltd.
Lamma Power Station Extension
Noise Monitoring Station
Daily Calibration Records

Date	Location: Ash Lagoon		Location: Ching Lam	
	Calibration Results	Deviation from Reference (dB)	Calibration Results	Deviation from Reference (dB)
01/09/2025	Passed	0.07	Passed	0.03
02/09/2025	Passed	0.08	Passed	-0.03
03/09/2025	Passed	0.08	Passed	-0.02
04/09/2025	Passed	0.09	Passed	-0.01
05/09/2025	Passed	0.08	Passed	-0.02
06/09/2025	Passed	0.11	Passed	-0.02
07/09/2025	Passed	0.05	Passed	-0.11
08/09/2025	Passed	0.10	Passed	-0.03
09/09/2025	Passed	0.07	Passed	-0.05
10/09/2025	Passed	0.07	Passed	-0.04
11/09/2025	Passed	0.08	Passed	-0.02
12/09/2025	Passed	0.08	Passed	-0.01
13/09/2025	Passed	0.08	Passed	-0.02
14/09/2025	Passed	0.08	Passed	-0.01
15/09/2025	Passed	0.08	Passed	0.00
16/09/2025	Passed	0.08	Passed	-0.03
17/09/2025	Passed	0.09	Passed	-0.02
18/09/2025	Passed	0.07	Passed	-0.02
19/09/2025	Passed	0.07	Passed	-0.03
20/09/2025	Passed	0.04	Passed	-0.06
21/09/2025	Passed	0.04	Passed	-0.05
22/09/2025	Passed	0.10	Passed	-0.01
23/09/2025	Passed	0.06	Passed	-0.04
24/09/2025	Passed	0.08	*	*
25/09/2025	Passed	0.09	*	*
26/09/2025	Passed	0.07	Passed	-0.05
27/09/2025	Passed	0.10	*	*
28/09/2025	Passed	0.06	Passed	0.13
29/09/2025	Passed	0.07	Passed	-0.06
30/09/2025	Passed	0.07	Passed	-0.06

Remarks:

1. CIC calibration record of 24, 25 and 27 September 2025 at Ching Lam Noise Monitoring Station was lost due to the error in downloading the noise data.
2. The B&K sound level meter at the noise monitoring station has an advanced feature of internal calibration checking (viz. Charge Injection Calibration (CIC)). CIC is a B&K patented method for in situ verification of the integrity of the entire sound measurement chain (including microphone, preamplifier and cabling).
3. The acceptance criterion of deviation from reference is ± 0.5 dB.

Appendix G Event/Action Plans

Table G.1 Event and Action Plans for Air Quality

Event	Monitoring	Action		
	ET Leader	IEC	Engineer	Contractor
Action Level				
Exceedance of one sample	Identify source Inform Engineer and IEC verbally Repeat measurement to confirm finding	Check monitoring data submitted by ET and advise Engineer.	Notify Contractor Checking monitoring data and contractor's working methods	Rectify any unacceptable practice amend any working methods if appropriate
Exceedance of two or more consecutive samples	Identify source Inform Engineer and IEC verbally Repeat measurement to confirm finding Increase monitoring frequency Discuss with Engineer and Contractor on remedial actions required If exceedance continues, arrange meeting with Engineer If exceedance stops, discontinue additional monitoring	Check monitoring data submitted by ET and advise Engineer. Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Confirm receipt of notification of failure in writing Notify contractor Checking monitoring data and contractor's working methods Discuss proposed remedial actions with the ET and Contractor Ensure remedial actions properly implemented	Submit proposals for remedial actions to Engineer within 3 working days of notifications Implement the agreed proposals Amend proposal if appropriate
Limit level				
Exceedance of one sample	Repeat measurement to confirm finding. Identify the source(s) of the impact. If the exceedance is found to be valid and due to the Construction works, verbally advise the Contractor, Engineer and IEC, and inform the EPD of the exceedance, as soon as practicable. Increase monitoring frequency to daily Assess the effectiveness of the contractor's remedial actions and keep Engineer, IEC and EPD informed of the results	Check monitoring data submitted by ET and advise Engineer Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Confirm receipt of notification of failure in writing Notify Contractor Checking monitoring data and Contractor's working method Discuss with ET and Contractor on remedial actions to be provided Ensure remedial measures properly implemented	Take immediate action to avoid further exceedance Submit proposals for remedial actions to Engineer within 3 working days of notifications Implement the agreed proposals Amend proposal if appropriate
Exceedance of two or more	Identify source	Provide feedback to the Engineer on the remedial actions proposed by the	Confirm receipt of notification of	Take immediate action to

Event	Monitoring		Action	
	ET Leader	IEC	Engineer	Contractor
consecutive samples	If the exceedance is found to be valid and due to the construction works, verbally advise the Contractor, Engineer and IEC, and inform the EPD of the exceedance as soon as practicable. Repeat measurement to confirm finding Increase monitoring frequency to daily Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented Arrange meeting with Engineer and Contractor to discuss the remedial actions to be taken If exceedance stops, discontinue additional monitoring	ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	failure in writing Checking monitoring data and Contractor's working methods Notify Contractor Discuss proposed remedial actions with ET and Contractor Ensure remedial measures properly implemented If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop the portion of work until the exceedance is abated	avoid further exceedance Submit proposals for remedial actions to Engineer within 3 working days of notifications Implement the agreed proposals Resubmit proposals if problem still not under control Stop the relevant portion of works as determined by the Engineer until the exceedance is abated

Table G.2 Event and Action Plans for Construction Noise

Exceedance	ET Leader	IEC	Engineer	Contractor
Action Level	Undertake noise measurement/check monitoring data to establish validity of complaint.	Review the analysed results submitted by the ET.	Notify Contractor of the complaint if proven.	Submit proposals for remedial actions to Engineer.
	If the complaint is valid, inform Engineer and IEC verbally.	Review the remedial measures proposed by the Contractor and advise the Engineer and ET accordingly.	Check Contractor's working methods and advise IEC and ET accordingly.	Amend proposals if required by the Engineer.
	Identify the source(s) of the noise.	Verify the implementation of the remedial measures.	Remind the Contractor of his contractual obligations and discuss remedial actions.	Implement the remedial actions immediately upon instruction from the Engineer.
	Discuss remedial actions required with Contractor and Engineer.		Keep the Contractor informed of the efficacy of remedial actions.	Liaise with the Engineer to optimise the effectiveness of the agreed mitigation.
	Increase manual monitoring frequency to assess efficacy of remedial measures.			
	If exceedance continues, review implementation of appropriate mitigation measures.			
Limit Level	Repeat manual measurement/check monitoring data to confirm findings.	Agree potential remedial actions with Engineer, ET and Contractor.	Notify Contractor of exceedance.	Take immediate action to avoid further exceedance.
	Identify the source(s) of the impact. If the exceedance is found to be valid and due to the Construction works, verbally advise the Contractor, Engineer and IEC, and inform the EPD of the exceedance, as soon as practicable.	Review Contractor's remedial actions / measures to ensure their effectiveness and advise the Engineer and ET accordingly.	Check Contractor's working methods and advise IEC and ET accordingly.	Submit proposals for remedial actions to Engineer.
	Discuss remedial actions required with Engineer.	Verify the implementation of the remedial measures	Discuss with Contractor the remedial actions to be implemented.	Amend proposals if required by the Engineer.
	Increase manual monitoring frequency to assess efficacy of remedial measures.		Keep the Contractor informed of the efficacy of remedial actions. If the exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop the portion of work until the exceedance is abated	Implement remedial actions immediately upon instruction from the Engineer. If the exceedance continues, consider what portion of the work is responsible and, as instructed by the Engineer, stop the portion of work until the exceedance is abated

Table G.3 Event and Action Plans for Water Quality

Exceedance	ET Leader	IEC	Engineer	Contractor
Action level exceeded on one sampling day	Verbally inform the Contractor, and IEC. Repeat in-situ measurement to confirm findings; Identify source(s) of impact; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measures with Engineer and Contractor; Repeat measurement on next day of exceedance.	Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Discuss with Contractor the proposed mitigation measures; Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the implemented mitigation measures.	Inform the Engineer and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Propose and discuss mitigation measures with Engineer; Implement the agreed mitigation measures.
Action level exceeded on more than one consecutive sampling day	Repeat in-situ measurements to confirm findings; Identify source(s) of impact; Inform Contractor and IEC; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measure with Engineer and Contractor; Ensure mitigation measures are implemented; Prepare to increase the monitoring frequency to daily; Repeat measurement on next day of exceedance.	Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Discuss with ET and Contractor on the proposed mitigation measures; Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the implemented mitigation measures.	Inform the Engineer and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Propose mitigation measures to Engineer within 3 working days and discuss with ET and Engineer; Implement the agreed mitigation measures.
Limit level exceeded on one sampling day	Verbally inform the Contractor, IEC and the EPD of the exceedance; Repeat in-situ measurement to confirm findings; Identify source(s) of impact; Check monitoring data, all plant,	Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Discuss with Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the	Inform the Engineer and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Propose mitigation measures to Engineer

Exceedance	ET Leader	IEC	Engineer	Contractor
	equipment and Contractor's working methods; Discuss mitigation measure with Engineer and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level.		implemented mitigation measures.	within 3 working days and discuss with Engineer; Implement the agreed mitigation measures.
Limit level exceeded by more than one consecutive sampling day	Repeat in-situ measurement to confirm findings; Identify source(s) of impact; Inform Contractor, IEC and EPD; Check monitoring data, all plant, equipment and Contractor's working methods; Discuss mitigation measure with Engineer and Contractor; Ensure mitigation measures are implemented; Increase the monitoring frequency to daily until no exceedance of Limit level for two consecutive days.	Provide feedback to the Engineer on the remedial actions proposed by the ET / Contractor Advise Engineer on the effectiveness of the proposed remedial measures Verify the implementation of the remedial measures	Discuss with Contractor on the proposed mitigation measures; Request Contractor to critically review the working methods; Make agreement on the mitigation measures to be implemented; Assess the effectiveness of the implemented mitigation measures; Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the marine works until no exceedance of the Limit Level.	Inform the Engineer and confirm notification of the non-compliance in writing; Rectify unacceptable practice; Check all plant and equipment; Consider changes of working methods; Propose mitigation measures to Engineer within 3 working days and discuss with Engineer; Implement the agreed mitigation measures.. As directed by the Engineer, to slow down or to stop all or part of the marine work

Appendix H Summary of Site Audit Findings

L13 Civil and Building Works

Dates of Inspection: 2/9/2025, 9/9/2025, 16/9/2025, 25/9/2025 and 30/9/2025.

Summary of Findings

General

- No environmental deficiency identified.

Air Quality

- No environmental deficiency identified.

Noise

- No environmental deficiency identified.

Water Quality

- No environmental deficiency identified.

Waste Management

- No environmental deficiency identified.

Summary of EMIS

Power Station – (Part B of EIA Report)

Construction Phase Mitigation Measures and their Implementation

EM&A Log Ref.	Mitigation Measures	Implementation Status
	AIR QUALITY	
A1	For general construction works, the dust control measures stipulated under the Air Pollution Control (Construction Dust) Regulation shall be complied with, such as: - the haul roads shall be sprayed with water to keep the entire road surface wet. - the load carried by vehicle shall be covered by impervious sheeting to ensure no leakage of dusty materials from the vehicle. - the heights from which fill materials are dropped shall be controlled to a practical level to minimise the fugitive dust arising from unloading.	C C C
A2	For the concrete batching plant, the following control measures are recommended: - loading, unloading, handling, transfer or storage of any dusty materials shall be carried out in a totally enclosed system. - The materials which may generate airborne dust emissions shall be wetted by water spray system. - All receiving hoppers shall be enclosed on three sides up to 3m above unloading point. - All conveyor transfer points shall be totally enclosed.	N/A N/A N/A N/A
	WATER QUALITY	
B1	Silt curtains shall be installed on the eastern, southern and north western sides of the reclamation site during dredging for the reclamation construction. This is a required mitigation measure for the construction works and shall be implemented prior to the commencement of bulk dredging. **	N/A
B3	As a necessary operational constraint combined bulk dredging and sand filling for site formation shall not be permitted at any time. In addition, sand filling for site platform shall take place behind constructed sea walls which pierce the water surface. **	N/A
B4	HEC shall ensure design to divert all storm drains away from Hung Shing Ye Bay. **	N/A
B5	Sand fill for the rubble mound seawalls shall be placed by controlled pumping down the trailer arm. **	N/A
B6	EM&A shall confirm the acceptability of any impacts during construction and should any unacceptable impacts be found then one or more of the following mitigation measures shall be implemented: ** - reducing the number of dredgers working at any one time; - reducing the rate of working of the dredgers; - temporary suspension of operations; - phasing of the works so that dredging / filling is only undertaken at certain stages of the tidal cycle.	N/A

EM&A Log Ref.	Mitigation Measures	Implementation Status
B7	In addition to the above specific measures the following general working procedures shall be adopted. ** - fully-enclosed or watertight grabs shall be used to minimise loss of sediment during the raising of loaded grabs through the water column; - the descent speed of grabs shall be controlled to minimise the seabed impact speed and to reduce the volume of over dredging; - barges shall be loaded carefully to avoid splashing of material; - all barges used for the transport of dredged materials shall be fitted with tight bottom seals in order to prevent leakage of material during loading and transport; - all barges shall be filled to a level which ensures that material does not spill over during loading and transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action; - the speed of trailer dredgers shall be controlled to prevent propeller wash from stirring up the sea bed sediments; "rainbowing" sand fill from trailer dredgers shall not be permitted; and - the works shall cause no visible foam, oil, grease or litter or other objectionable matter to be present in the water within and adjacent to the dredging site and along the route to the disposal site.	
		N/A
		N/A
		N/A
		N/A
		N/A
		N/A
		N/A
B8	Cumulative impacts shall be assessed through EM&A. Co-ordination with the EM&A consultants for other projects to determine if any exceedances are caused by the other projects or by HEC's activities. Should monitoring results indicate exceedances at sensitive receivers due to HEC's activities, then the above described mitigation measures shall be implemented until impacts reduce to acceptable levels. **	N/A
	NOISE	
C1	General noise mitigation measures shall be employed at all work sites throughout the construction phase.	C
C2	Mitigate against general construction noise during Sunday's and public holidays, either at source with portable noise barriers, or by rescheduling of some PME's to less sensitive time periods.	N/A
C3	Mitigate against night time noise from dredging equipment, with silencers or mufflers. **	N/A
	LANDSCAPE & VISUAL IMPACTS	
D1	The following mitigation measures shall be allowed for landscape and visual improvement: - Use rubble mound seawall along south and west edges of the reclamation to provide a more natural look. - Break the mass of main buildings by varying the height/division into smaller units. - Plant trees and vegetation for screening. - Adopt colour scheme to blend the buildings into the scenery.	
		N/A
		N/A
		N/A

EM&A Log Ref.	Mitigation Measures	Implementation Status
	WASTE MANAGEMENT	
E1	HEC to submit a Waste Management Plan for the construction phase to EPD. The Plan shall be verified by the IEC and shall describe the arrangements for avoidance, reuse, recovery and recycling, storage, collection, treatment and disposal of different categories of waste to be generated from the construction activities and shall take into account the recommendations of the EIA report.	C
	<i>Dredging Waste</i>	
E2	All vessels for marine transportation of dredged sediment shall be fitted with tight fitting seals to their bottom openings to prevent leakage of materials. In addition, loading of barges and hoppers shall be controlled to prevent splashing of dredged material into the surrounding water, and barges or hoppers should under no circumstances be filled to a level which shall cause the overflowing of materials or polluted water during loading or transportation**	N/A
	<i>Storage, Collection and Transport of Waste</i>	
E3	- Minimise windblown litter and dust during transportation by either covering trucks or transporting wastes in enclosed containers. - Obtain the necessary waste disposal permits from the appropriate authorities, if they are required, in accordance with the Waste Disposal Ordinance (Cap.354), Waste Disposal (Chemical Waste) (General) Regulation (Cap.354), the Crown Land Ordinance (Cap 28), Dumping at Sea Ordinance (Cap 466) and Work Branch Technical Circular No. 22/92, Marine Disposal of Dredged Mud. - Disposal of waste at Licensed sites; - Develop procedures such as a ticketing system to facilitate tracking of marine mud and chemical waste, and to ensure that illegal disposal does not occur; - Segregate and sort the waste materials into 3 categories: - public fill (e.g. concrete and rubble) for re-use on-site or disposal at a public filling area; - re-use and/or recycling waste (e.g. steel and other metals); - waste which cannot be re-used and/or recycled (e.g. wood, glass and plastic) for landfill disposal. - The sorting process shall be carefully monitored to avoid missing of the 3 categories. Different types of wastes shall be stockpiled and stored in different containers or skips to enhance re-use or recycling of materials and their proper disposal. - Maintain records of the quantities of wastes generated and disposed off-site for each category of waste.	C
		C
		C
		N/A
		C
E4	Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, shall be handled in accordance with the Code of Practice on the Packaging, Handling and Storage of Chemical Wastes	N/A
	LAND CONTAMINATION	
F1	No land Contamination mitigation measures are required during the construction phase.	N/A
	MARINE ECOLOGY	

EM&A Log Ref.	Mitigation Measures	Implementation Status
G1	All percussive piling works shall be conducted on reclaimed land to avoid noise impact to marine mammals**	N/A
G2	All construction related vessels shall approach the extension site from the north and via the East Lamma Channel to avoid disturbance to the finless porpoise**	N/A
G3	Rubble mound seawall to the south and west edges of the reclamation to enhance recolonisation of marine organisms**	N/A
G4	Artificial Reefs of a volume not less than 400 m ³ shall be deployed in a location to be decided upon consultation with the Director of Agriculture and Fisheries to serve the purpose of an Additional Habitat Enhancement Measure.**	N/A
	FISHERIES	
H1	No Fisheries-specific mitigation measures are required during the construction phase.	N/A
	RISK ASSESSMENT	
I1	No risk mitigation measures are required during the construction phase.	N/A

Remarks:

- ** - No dredging and reclamation work would be involved for L13 construction
 C - Compliance with mitigation measure
 NC - Non-compliance with mitigation measure
 N/A - Not Applicable

Activity ID		Activity Name		Original Duration	Start	Finish
Contract No. 24-83005 Lamma Power Station Extention Civil and Building Works for Unit 13 (Final) R2						
KEY DATES						
KD1000	Tentative Date of Commencement	0	01-Apr-2025*			
KD1010	Full mobilization of Site Team,	0		14-Apr-2025		
KD1020	Completion date for the whole of the works,	0		31-May-2030		
KD1030	Defect Liability Period,	0		31-May-2031		
SITE POSSESSION DATE FOR CIVIL AND BUILDING WORKS						
ACCESS DATE TO WORK AREAS						
WA1000	Area G1, G1A, G2A, G2B G3, G3A, G4, G5, G13, G16, G16A, G18, G19, G20, G22, G26, B1, B2, D2, D7 and D8	0	01-Apr-2025*			
WA1000a	Area G6, G7A, G7B, G8 (Stage 1)	0	01-Apr-2025*			
WA1000b	Area G6, G7A, G7B, G8 (Stage 2) External Works,	0	01-Jun-2027*			
WA1010	Area G14 and G15,	0	01-Oct-2025*			
WA1020	Area G10,	0	01-Oct-2026*			
WA1030	Area G12, G17A and G17B,	0	01-Jan-2027*			
WA1030a	Area BA1,	0	01-Jan-2027*			
WA1040	Area G11,	0	01-Jul-2027*			
WA1050	Area G21,	0	01-Sep-2025*			
WA1060	Area G23,	0	01-Sep-2025*			
WA1330	Area G24	0	01-Nov-2025*			
COMPLETION DATE						
WA1060.	Area G2B and G3 - L13 MSB & HRSG,	0		28-Feb-2026*		
WA1070	Area G2A - L13 MSB & HRSG,	0		15-May-2026*		
WA1080	Area G1 - L13 MSB & HRSG,	0		30-Apr-2026*		
WA1085	Area G3A - L13 MSB & HRSG,	0		30-Nov-2026*		
WA1087	Area G1A - C.W. Outdoor Cooler Pump,	0		30-Apr-2026*		
WA1090	Area G4 - C.W. Culvert & External Works *,	0		30-Apr-2026*		
WA1100	Area G5 - C.W. Culvert & External Works *,	0		31-Jan-2026*		
WA1110	Area G6, G7A, G7B, G8 - L13 GRS ** (Stage 1),	0		31-Jan-2026*		
WA1120	Area G6, G7A, G7B, G8 - L13 GRS ** (Stage 2),	0		31-Jan-2028*		
WA1130	Area G10 - External Works *,	0		30-Jun-2027*		
WA1140	Area G11 - APX Trenching Works at LMX ***,	0		30-Apr-2028*		
WA1150	Area G12 - External Works *,	0		30-Jun-2027*		
WA1160	Area G13 - No. 5 C.W. Pump Equipment Room,	0		28-Feb-2028*		
WA1170	Area G14 - Light Oil Tank A&A,	0		31-Oct-2026*		
WA1180	Area G15 - 257kV S/S II,	0		30-Sep-2026*		
WA1190	Area G16 - No. 5 C.W. Intake,	0		28-Feb-2027*		
WA1195	Area G16A - No. 5 C.W. Intake,	0		28-Feb-2026*		
WA1200	Area G17A - Shunt Reactor Compound No. 7,	0		30-Sep-2027*		
WA1210	Area G17AB - Shunt Reactor Compound No. 8,	0		28-Feb-2028*		
WA1215	Area G22 -Demilition Works of Urea Shelter,	0		31-Dec-2026*		
WA1220	Area G18 - Site Toilet,	0		31-Dec-2026*		
WA1230	Area G19 - ACB Modification Works (L9),	0		30-Aug-2026*		
WA1240	Area G19 - ACB Modification Works (L10 & L11),	0		30-Jun-2027*		
WA1245	Area G19 - ACB Modification Works (L13),	0		30-Jun-2026*		
WA1250	Area G20 - No. 5 Chimney (Plinth),	0		30-Nov-2027*		
WA1260	Area G20 - No. 5 Chimney (Flue),	0		01-Oct-2027*		
WA1270	Area G21 - L11 C.W. Culvert Improvement Works #,	0		01-Jan-2026*		
WA1275	Area G23 - L10 MSB (Shower Pit) #,	0		30-Nov-2025*		
WA1276	Area G24 - L11 MSB (Shower Pit) #,	0		31-Jan-2026*		
WA1277	Area G26 - DG Store,	0		31-Jul-2025*		
WA1280	Area B1A - External Works,	0		15-Sep-2027*		
WA1290	Area B1 - L13 Superstructure Storage Area (End of Contract),	0		31-May-2030		
WA1300	Area B2 - L13 Superstructure Storage Area,	0		31-Jul-2026*		
WA1305	Area D2 - L13 Superstructure Storage Area,	0		28-Feb-2026*		
WA1310	Area D7 and D8 - L13 Superstructure Storage Area (End of Contract),	0		31-May-2030		
POSSESSION OF SITE AND TIME TO COMPLETION (PS1.4)						
TIME FOR COMPLETION (PS1.4.2)						
SECTION A						
A1000	(i) Supporting structures for overhead cranes of L13 MSB incl. the asso. roof structure except the roof deferred works	395	01-Apr-2025	30-Apr-2026		
A1000a	Plan Achievement of Section A (i),	0		23-Feb-2026*		
A1010	(ii) External works including C.W. Outlet Culvert pipes and CW Outdoor Cooler Pump Area (refer to Area G4 and G1A)	395	01-Apr-2025	30-Apr-2026		
A1010a	Plan Achievement of Section A (ii) Completion,	0		06-Mar-2026*		
A1020	iii) Civil Works for Micro Gas Turbine,	394	01-Apr-2025	30-Apr-2026		
A1020a	Plan Achievement of Section A (iii) Completion,	0		29-Apr-2026*		
SECTION B						
B1000	(i) External works including C.W. Inlet Culvert pipes (Area G5)	305	01-Apr-2025	31-Jan-2026		

Achievement of Deferred Works

Remaining Work

Critical Activities

Milestone

Tenderer's Techincal Resources (CT clause 3(b) C) iv))

Date

Revision

Checked

Approved

	B1000a	Plan Achievement of Section B(i)	0		06-Sep-2025*
	B1010	(ii) L13 Gas Receiving Station equipment room - Stage 1, external works (refer to Area G7A, G7B, G6 and G8)	305	01-Apr-2025	31-Jan-2026
	B1010a	Plan Achievement of Section B(ii)	0		28-Nov-2025*
SECTION C					
	C1000	(i) Southern part of L13 HRSG area and its surrounding including HRSG exhaust gas duct foundation (Area G2B & G3)	333	01-Apr-2025	28-Feb-2026
	C1000a	Plan Achievement of Section C(i)	0		05-Feb-2026*
	C1010	(ii) Remaining northern part of L13 HRSG area and its surrounding L13 HRSG Equip. Rm. Bldg. Str. (Area G2A)	409	01-Apr-2025	15-May-2026
	C1010a	Plan Achievement of Section C(ii)	0		06-May-2026*
	C1020	(iii) G/F of L13 MSB incl. Conden Pit, C.W. Pipe Pit and equip. frnd. bet GL 13-B to 13-C & 13-1 to 13-6 to inst. conden	425	01-Apr-2025	31-May-2026
	C1020a	Plan Achievement of Section C(iii)	0		02-Mar-2026*
	C1030	(iv) No.5 C.W. Intake L13 Pump Chamber, Drum Screen Chamber, and Penstock Chamber (Area G16A)	334	01-Apr-2025	28-Feb-2026
	C1030a	Plan Achievement of Section C(iv)	0		04-Feb-2026*
SECTION D					
	D1000	(i) C.W Pump Equipment Room No.5 and its surrounding (Area G13)	698	01-Apr-2025	28-Feb-2027
	D1000a	Plan Achievement of Section D(i)	0		15-Jun-2026
	D1010	(ii) No.5 CW Intake remaining works (Area G16)	700	01-Apr-2025	01-Mar-2027
	D1010a	Plan Achievement of Section D(ii)	0		15-Jun-2026
	D1020	(iii) 275kV Switching Station Phase II alterations and additions works (Area G15)	364	01-Oct-2025*	30-Sep-2026
	D1020a	Plan Achievement of Section D(iii)	0		22-Aug-2026*
	D1030	(iv) Plinths and pipe support for LMX Light Tank Farm (Area G14)	395	01-Oct-2025*	31-Oct-2026
	D1030a	Plan Achievement of Section D(iv)	0		05-May-2026
	D1040	(v) LMX Dangerous Goods Store alterations and additions works (Area G26)	121	01-Apr-2025	31-Jul-2025
	D1090a	Plan Achievement of Section D(v)	0		31-Jul-2025*
SECTION E					
	E1000	(i) Whole of L13 MSB incl pipe & cable rack at south façade w/ all UG utilities (Area G1,G1A,G4 &G5) incl In/Out culvert	486	01-Apr-2025	31-Jul-2026
	E1000a	Plan Achievement of Section E(i)	0		20-Jul-2026*
	E1010	(ii) Link bridge between L12 and L13 MSB including their associated alterations & additions Works at L12 MSB	486	01-Apr-2025	31-Jul-2026
	E1010a	Plan Achievement of Section E(ii)	0		28-Jul-2026
	E1020	(iii) L13 Turbo Block found. incl. L13 MSB GF together with the equip. found. bet GL 13-D to 13-H & GL13-1 to 13.6	487	01-Apr-2025	31-Jul-2026
	E1020a	Plan Achievement of Section E(iii)	0		24-Dec-2025
	E1030	(iv) Cable ducts between L12 & L13 Main Station Building for temporary power supply	486	01-Apr-2025	31-Jul-2026
	E1030a	Plan Achievement of Section E(iv)	0		22-Sep-2025
	E1040	(v) L13 HRSG Equipment Room Building Services and others associated work	486	01-Apr-2025	31-Jul-2026
	E1040a	Plan Achievement of Section E(v)	0		18-Mar-2026
SECTION F					
SECTION F1					
	F1_1000	ACB modification works at Area G19 (Except works in drawing no. 554/03/033/2000)	184	01-Apr-2025	01-Oct-2025
	F1_1000a	Plan Achievement of Section F1	0		30-Sep-2025*
SECTION F2					
	F2_1000	i)ACB modification works at Area G19 as shown in drawing no.554/03/024/2040 & 554/03/033/2000 (L9 Contr Equip. Rm 2/F)	517	01-Apr-2025	30-Aug-2026
	F2_1000a	Plan Achievement of Section F2(i)	0		27-Aug-2026*
	F2_1010	ii)ACB modification works at Area G19 as shown in dwg no.554/03/024/2040 & /033/2000 (L10 & L11 Contr Equip. Rm 2/F)	820	01-Apr-2025	30-Jun-2027
	F2_1010a	Plan Achievement of Section F2(ii)	0		28-Jun-2027*
	F2_1020	iii)ACB modification works at Area G19 as shown in drawing no.554/03/024/2040 & /033/2000 (L13 Contr Equip. Rm 2/F)	485	01-Apr-2025	30-Jul-2026
	F2_1020a	Plan Achievement of Section F2(iii)	0		16-Jul-2026*
SECTION F3					
	F3_1000	i) No.5 Chimney modification works at Area G20 (completion of L13 steel flue)	821	01-Apr-2025	01-Jul-2027
	F3_1000a	Plan Achievement of Section F3(i)	0		28-Jun-2027
	F3_1010	(ii) completion of exhaust gas duct foundation at G3A	608	01-Apr-2025	30-Nov-2026
	F3_1010a	Plan Achievement of Section F3(ii)	0		19-Mar-2026
SECTION G					
	G1000	Station Toilet foundation and building works and removal of Urea Plant Shelter at Area G18 & G22	639	01-Apr-2025	31-Dec-2026
	G1000a	Plan Achievement of Section G	0		09-Dec-2026*
SECTION H					
	H1000	(i) External works at Area G12	180	01-Jan-2027*	30-Jun-2027
	H1000a	Plan Achievement of Section H(i)	0		30-Jun-2027*
	H1010	(ii) External works at Area G10 and B1A	272	01-Oct-2026*	30-Jun-2027
	H1010a	Plan Achievement of Section H(ii)	0		30-Jun-2027*
	H1020	(iii) L13 Shunt Reactor modification works at Bay 7 (refer Area G17A)	272	01-Jan-2027*	30-Sep-2027
	H1020a	Plan Achievement of Section H(iii)	0		23-Sep-2027*
	H1030	(iv) L13 Shunt Reactor modification works at Bay 8 (refer to Area G17B)	423	01-Jan-2027*	28-Feb-2028
	H1030a	Plan Achievement of Section H(iv)	0		19-Feb-2028*
SECTION I					
	I1000	(i) Trenches and pits at surrounding L13 Gas Receiving Station equipment room and cable trenches (Area G6, G7A and G8)	106	01-Jun-2027*	15-Sep-2027
	I1000a	Plan Achievement of Section I(i)	0		20-Aug-2027*
	I1010	(ii) Whole of L13 Gas Receiving Station equipment room - Stage 2, L13 GRS external foundation,	244	01-Jun-2027*	31-Jan-2028
	I1010a	Plan Achievement of Section I(ii)	0		09-Nov-2027*
	I1020	(ii) steel pipe racks and foundations, external works including underground utilities etc (Area G6, G7A, G7B and G8)	244	01-Jun-2027*	31-Jan-2028

	◆ Plan Achievement of Section B(i),
	(ii) L13 Gas Receiving Station equipment room - Stage 1, external works (refer to Area G7A, G7B, G6 and G8)
	◆ Plan Achievement of Section B(ii),
	(i) Southern part of L13 HRSG area and its surrounding including HRSG exhaust gas duct foundation (Area G2B & G3)
	◆ Plan Achievement of Section C(i),
	(ii) Remaining northern part of L13 HRSG area and its surrounding L13 HRSG Equip. Rm. Bldg. Str. (Area G2A)
	◆ Plan Achievement of Section C(ii),
	(iii) G/F of L13 MSB incl. Condens Pit, C.W. Pipe Pit and equip. frnd. bet GL 13-B to 13-C & 13-1 to 13-6 to inst condens
	◆ Plan Achievement of Section C(iii),
	(iv) No.5 C.W. Intake L13 Pump Chamber, Drum Screen Chamber, and Penstock Chamber (Area G16A)
	◆ Plan Achievement of Section C(iv),
	(i) C.W Pump Equipment Room No.5 and its surrounding (Area G13)
	◆ Plan Achievement of Section D(i),
	(ii) No.5 CW Intake remaining works (Area G16)
	◆ Plan Achievement of Section D(ii),
	(iii) 275KV Switching Station Phase II alterations and additions works (Area G15)
	◆ Plan Achievement of Section D(iii),
	(iv) Plinths and pipe support for LMX Light Tank Farm (Area G14)
	◆ Plan Achievement of Section D(iv),
	(v) LMX Dangerous Goods Store alterations and additions works (Area G26)
	◆ Plan Achievement of Section D(v),
	(i) Whole of L13 MSB incl pipe & cable rack at south façade w/ all UG utilities (Area G1,G1A,G4 &G5) incl In/Out culvert
	◆ Plan Achievement of Section E(i),
	(ii) Link/bridge between L12 and L13 MSB including their associated alterations & additions Works at L12 MSB
	◆ Plan Achievement of Section E(ii),
	(iii) L13 Turbo Block found. incl. L13 MSB GF together with the equip. found. bet GL 13-D to 13-H & GL13-1 to 13.6
	◆ Plan Achievement of Section E(iii),
	(iv) Cable ducts between L12 & L13 Main Station Building for temporary power supply
	◆ Plan Achievement of Section E(iv),
	(v) L13 HRSG Equipment Room Building Services and others associated work
	◆ Plan Achievement of Section E(v),
	ACB modification works at Area G19 (Except works in drawing no. 554/03/033/2000)
	◆ Plan Achievement of Section F1,
	i) ACB modification works at Area G19 as shown in drawing no.554/03/024/2040 & 554/03/033/2000 (L9 Contr Equip. Rm 2/F)
	◆ Plan Achievement of Section F2(i),
	ii) ACB modification works at Area G19 as shown in dwg no.554/03/024/2040 & /033/2000 (L10 & L11 Contr Equip. Rm 2/F)
	◆ Plan Achievement of Section F2(ii),
	iii) ACB modification works at Area G19 as shown in drawing no.554/03/024/2040 & /033/2000 (L13 Contr Equip. Rm 2/F)
	◆ Plan Achievement of Section F2(iii),
	i) No.5 Chimney modification works at Area G20 (completion of L13 steel flue)
	◆ Plan Achievement of Section F3(i),
	(ii) completion of exhaust gas duct foundation at G3A
	◆ Plan Achievement of Section F3(ii),
	Station Toilet foundation and building works and removal of Urea Plant Shelter at Area G18 & G22
	◆ Plan Achievement of Section G,
	(i) External works at Area G12
	◆ Plan Achievement of Section H(i),
	(ii) External works at Area G10 and B1A
	◆ Plan Achievement of Section H(ii),
	(iii) L13 Shunt Reactor modification works at Bay 7 (refer Area G17A)
	◆ Plan Achievement of Section H(iii),
	(iv) L13 Shunt Reactor modification works at Bay 8 (refer to Area G17B)
	◆ Plan Achievement of Section H(iv),
	(i) Trenches and pits at surrounding L13 Gas Receiving Station equipment room and cable trenches (Area G6
	◆ Plan Achievement of Section I(i),
	(ii) Whole of L13 Gas Receiving Station equipment room - Stage 2, L13 GRS external foundation,
	◆ Plan Achievement of Section I(ii),
	(ii) steel pipe racks and foundations, external works including underground utilities etc (Area G6, G7A

Tenderer's Technical Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved

Activity ID		Activity Name	Original Duration	Start	Finish
I1020a PlanAchievement of Section I(ii) SECTION J J1000(i) Civil works for APX cable diversion at LMX (refer to Area G11 J1000aPlanAchievement of Section J(i) J1010(ii) APX cable diversion works at LPS (Whole of the Works except corresponding trench deferred work listed in PS1.4.4 J1010aPlanAchievement of Section J(ii) SECTION K K1000inspection manhole construction for L11 C.W. Inlet pipes inside L11 MSB atArea G21 K1000aPlanAchievement of Section K SECTION L L1000Refurbishment work on existing workshop areas between Generation Maintenance Building and Training & Workshop Building L1000aPlanAchievement of Section L SECTION M M1000Delivery of L13 HRSG lift shaft precast concrete panels to LMX as shown in 554/0/3/031/0173 to /0173 M1000aPlanAchievement of Section M SECTION N N1000i) L13 MSB works N1000aPlanAchievement of Section N(i) N1010(ii) Other works shall be completed for reporting completion to BDand ready for Occupation Permit (OP) inspection N1010aPlanAchievement of Section N(ii) SECTION O O1000(i) Emergency shower pit at L10 MSB O1000aPlanAchievement of Section O(i) O1010(ii) Emergency show pit at L11 MSB O1010aPlanAchievement of Section O(ii) SECTION P P1000all remaining works except deferred works P1000aPlanAchievement of Section P SECTION Q SECTION Q1 Q1_1000(i) Fabrication of L12 Precast Panel with steel sub-frame (Optional Works (1)) Q1_1000aPlanAchievement of Section Q1(i) Q1_1010(ii) Construction of in-situ Roof Slab (Optional Works (1)) Q1_1010aPlanAchievement of Section Q1(ii) SECTION Q2 Q2_1000Improvement Works for Existing L11 C.W. Inlet Pipe inside L11 MSB (Optional Works (2)) Q2_1010aPlanAchievement of Section Q2 COORDINATION WITH EMPLOYER'S E&M SPECIALIST CONTRACTORS SC1000Item 2 - Template setting at L13 Turbo Block foundation SC1010Item 3 - Template setting of holding down bolts at HRSG column base SC1020Item 4 - I-Beam / channel base installation on top of transformer foundations at transformer area SC1030Item 5 -OH crane at turbine hall access through temp opening at L13 MSB roof bet GL13-G to 13-H & 13-2 to 13-6 (setting) SC1040Item 5 - OH crane at turbine hall access through temp opening at L13MSB roof bet GL13-G to 13-H & 13-2 to 13-6 (install) SC1050Item 6 ; Condenser assembly and erection using access through a temporary façade opening at L13 MSB below 1/F along GL SC1060Item 7 - Install power train equip includ air inlet duct access through a temporary façade opening at L13 MSB below 1/F SC1070Item 9 - Installation of busduct and IPB assembly works, cable laying and cooling water piping at transformer area DEFERRED WORKS IN RESPECTIVE SECTIONS (PS1.4.4) L13 MSB and HRSG DW10001) Construct L13 MSB roof bet GL13-G to 13-H and 13-2 to 13-6 after the OH crane installation by the Employer's SC DW1000aPlan implementation of Item 1 - Deferred Works DW1000bPlan start of Item 1 - Deferred Works DW10102) Construction of walls of L13 MSB below 1/F at GL 13-6 from GL13-B to 13-C & ass. precast stair incl. enclosure wall DW1010APlan implementation of Item 2 - Deferred Works DW10203) Construction of internal partition wall at 1/F of L13 MSB along GL 13-C from GL 13-2 to 13-3 DW1020aPlan implementation of Item 3 - Deferred Works DW10254) Construction of L13 MSB GF slab in corridor as shown in plan 554/03/022/2047 DW1025aPlan implementation of Item 4 Deferred Works DW10305) (a) Construction of IPB support and sunshade support at transformer area DW1030aPlan implementation of Item 5(a) Deferred Works DW10405)(b) Construction of metal fence and asso F.S. install & install of removable shelter at transformer area DW1040aPlan implementation of Item 5(b) Deferred Works DW10506) (a) Constr. of conc plinths for Urea to Ammonia Conversion Sys equip & pipe rack, plants in south part of L13 HRSG DW1050aPlan implementation of Item 6(a) Deferred Works DW10606) (b) Completion east side facade cladding and its associated work at grid 13-H and grid 13-5/13-6 DW1060aPlan implementation of Item 6(b) Deferred Works DW10707)(a) Construction of roof slab and its ass. work on L13 HRSG lift shaft after completion of erection DW1070aPlan implementation of Item 7(a) Deferred Works Achievement of Deferred Works Remaining Work CriticalActivities Milestone Tenderer's Techincal Resources (CT clause 3(b) C) iv)) DateRevisionCheckedApproved					

Activity ID	Activity Name	Original Duration	Start	Finish	2025					2026					2027					2028					2029					2030					2031					2032																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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 DW1080	7) (b) Construction of associated building services works (MVAC, FS and Lift works by NSC)	151	01-Jan-2028*	31-May-2028																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Activity ID		Activity Name		Original Duration	Start	Finish	2025				2026				2027				2028				2029				2030				2031				2032									
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STRUCTURAL STEEL																																												
PRO1000		Confirm Supplier & Prepare Order		24	01-Apr-2025	03-May-2025																																						
PRO1010		Place order		0	06-May-2025																																							
SHOP DRAWINGS																																												
PRO1020		Shop Drawings- Preparation		48	06-May-2025	02-Jul-2025																																						
PRO1030		Shop Drawings- Submission, Review and RtoC twice		48	03-Jul-2025	27-Aug-2025																																						
PRO1040		Shop Drawings- Approvals		24	28-Aug-2025	24-Sep-2025																																						
OFF-SITE FABRICATION																																												
PRO1050		Manufacture- Fabrication (1st batch)		48	25-Sep-2025	22-Nov-2025																																						
PRO1060		Manufacture- 1st batch inspections		12	24-Nov-2025	06-Dec-2025																																						
PRO1065		Manufacture- Production and delivery (1st batch)		36	08-Dec-2025	21-Jan-2026																																						
PRO1070		Manufacture- Fabrication (2nd batch)		48	24-Nov-2025	21-Jan-2026																																						
PRO1090		Manufacture- 2nd batch inspections		12	22-Jan-2026	04-Feb-2026																																						
PRO1095		Manufacture- Production and delivery (2nd batch)		36	05-Feb-2026	21-Mar-2026																																						
PRO1100		Manufacture- Fabrication (3rd batch)		48	22-Jan-2026	21-Mar-2026																																						
PRO1120		Manufacture- 3rd batch inspections		12	23-Mar-2026	09-Apr-2026																																						
PRO1130		Manufacture- Production and delivery (3rd batch)		36	10-Apr-2026	22-May-2026																																						
CABLE RACK AND LADDER (BILL NO. 12)																																												
OFFSITE FABRICATION																																												
PRO2145		Confirm Supplier & Prepare Order		24	01-Apr-2025	03-May-2025																																						
PRO2150		Manufacture - Place order		0		03-May-2025																																						
PRO2155		Manufacture- 1st batch Fabrication		12	06-May-2025	19-May-2025																																						
PRO2160		Manufacture - 1st batch Inspections		0		19-May-2025																																						
PRO2160A		Manufacture- Production and delivery to site		24	20-May-2025	17-Jun-2025																																						
STEEL FLUE FOR UNIT 13																																												
SHOP DRAWINGS																																												
PRO2170		Shop Drawings- Preparation		48	20-Nov-2025	17-Jan-2026																																						
PRO2180		Shop Drawings- Submission, Review and RtoC twice		48	18-Dec-2025	14-Feb-2026																																						
PRO2190		Shop Drawings- Approvals		24	16-Feb-2026	18-Mar-2026																																						
OFFSITE FABRICATION																																												
PRO2220		Steel Flue - Steel works fabrication and assemble		72	19-Mar-2026	17-Jun-2026																																						
PRO2230		Manufacture- Inspection		12	21-Apr-2026	05-May-2026																																						
PRO2240		Manufacture- Delivery to site		72	06-May-2026	31-Jul-2026																																						
PRECAST UNITS																																												
MSB PRECAST STAIR																																												
SHOP DRAWING																																												
PRO1140		Shop Drawings- Preparation		48	01-Apr-2025	03-Jun-2025																																						
PRO1150		Shop Drawings- Submission, Review and RtoC twice		48	04-Jun-2025	30-Jul-2025																																						
PRO1160		Shop Drawings- Approvals		24	31-Jul-2025	27-Aug-2025																																						
OFF-SITE FABRICATION																																												
PRO1170		Manufacture- Fabrication		48	28-Aug-2025	14-Oct-2025																																						
PRO1180		Manufacture- Inspections		6	15-Oct-2025	20-Oct-2025																																						
PRO1190		Manufacture- Production and delivery		120	21-Oct-2025	17-Feb-2026																																						
L13 HRSG SERVICE LIFT SHAFT PRECAST WALL PANELS ON STEEL FRAME																																												
SHOP DRAWING																																												
PRO2080		Shop Drawings- Preparation		72	01-Jun-2026*	25-Aug-2026																																						
PRO2090		Shop Drawings- Submission, Review and RtoC twice		60	26-Aug-2026	24-Oct-2026																																						
PRO2100		Shop Drawings- Approvals		24	26-Oct-2026	21-Nov-2026																																						
OFF-SITE FABRICATION																																												
PRO2110		Manufacture- Fabrication		48	22-Nov-2026	08-Jan-2027																																						
PRO2120		Manufacture- Inspections		6	09-Jan-2027	14-Jan-2027																																						
PRO2130		Manufacture- Production		192	15-Jan-2027	25-Jul-2027																																						
PRO2140		Manufacture- Delivery to designated location on site		0		26-Jul-2027																																						
TOWER CRANE																																												
PRO2000		Confirm Supplier & Prepare Order		24	01-Apr-2025	03-May-2025																																						
PRO2010		Place order		0	06-May-2025																																							
SUPPORTING RACKS (LMX L9, L10, L11 & L13)																																												
SHOP DRAWINGS																																												
PRO2280		Shop Drawings- Preparation		24	12-Jul-2025	08-Aug-2025																																						
PRO2290		Shop Drawings- Submission, Review and Approval		24	09-Aug-2025	05-Sep-2025																																						
OFF-SITE FABRICATION																																												
PRO2020		Supporting Rack LMX L9 - Fabrication and delivery		36	04-Mar-2026	18-Apr-2026																																						
PRO2250		Supporting Rack LMX L10 - Fabrication and delivery		36	03-Jun-2026	16-Jul-2026																																						
PRO2260		Supporting Rack LMX L11 - Fabrication and delivery		36	17-Jul-2026	27-Aug-2026																																						
PRO2270		Supporting Rack LMX L113 - Fabrication and delivery		36	20-Apr-2026	02-Jun-2026																																						
OPTIONAL WORK(1) - PRECAST CONCRETE PANEL AND STEEL SUB-FRAME FOR L12 HRSG LIFT SHAFT																																												
OFF-SITE FABRICATION																																												

Achievement of Deferred Works

Remaining Work

Critical Activities

Milestone

Tenderer's Techincal Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved

[illegible]

 Achievement of Deferred Works
 Critical Activities
 Remaining Work
 Milestone

Tenderer's Technical Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved



Contract No. 24-83005 Lamma Power Station Extension Civil and Building Works for Unit 13 (Final) R2

Project Programme of Works

[illegible]

[illegible]

Achievement of Deferred Works Critical Activities  Remaining Work  Milestone	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved

[illegible]

[illegible]

 Achievement of Deferred Works
 Critical Activities

 Remaining Work
  Milestone

Tenderer's Technical Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved

[illegible]



Contract No. 24-83005 Lamma Power Station Extension Civil and Building Works for Unit 13 (Final) R2

Project Programme of Works

[illegible]

 Achievement of Deferred Works  Critical Activities
 Remaining Work  Milestone

Tenderer's Technical Resources (CT clause 3(b) C iv))

Date	Revision	Checked	Approved

[illegible]

Achievement of Deferred Works	Critical Activities	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved
Remaining Work	Milestone					



Project Programme of Works

[illegible]

 Achievement of Deferred Works
  Critical Activities

 Remaining Work
  Milestone

Tenderer's Technical Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved



Contract No. 24-83005 Lamma Power Station Extension Civil and Building Works for Unit 13 (Final) R2

Project Programme of Works

[illegible]

 Achievement of Deferred Works
 Critical Activities

 Remaining Work
 Milestone

Tenderer's Technical Resources (CT clause 3(b) C) iv))

Date	Revision	Checked	Approved

[illegible]



Project Programme of Works

[illegible]

Achievement of Deferred Works Critical Activities	Tenderer's Technical Resources (CT clause 3(b) C) iv))			Date	Revision	Checked	Approved
Remaining Work Milestone							



Project Programme of Works

[illegible]

Achievement of Deferred Works  Remaining Work	Critical Activities   Milestone	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved

[illegible]



Contract No. 24-83005 Lamma Power Station Extension Civil and Building Works for Unit 13 (Final) R2

Project Programme of Works

Activity ID	Activity Name	Original Duration	Start	Finish	2025					2026					2027					2028					2029					2030					2031					2032																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Achievement of Deferred Works  Remaining Work	Critical Activities   Milestone	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved

Activity ID	Activity Name	Original Duration	Start	Finish	2025					2026					2027					2028					2029					2030					2031					2032																														
					J	A	J	J	S		J			J	A			J		J	J	A		J	A	J	J	S		J		J	A		J	A	J	J	S		J		J	J	A		J		J	J																				
	B12_1030	275KV SS Modification - Form opening to existing raised floor inside 275k-V Switching Control Room	6	01-Jun-2026	06-Jun-2026																																	275KV SS Modification - Form opening to existing raised floor inside 275k-V Switching Control Room																																
	B12_1050	275KV SS Modification - Installation of new supporting racks inside RYU / ICP Room	18	09-May-2026	30-May-2026																																	275KV SS Modification - Installation of new supporting racks inside RYU / ICP Room																																
	B12_1060	275KV SS Modification - Installation of new supporting racks inside Cable Alarm Room	12	01-Jun-2026	13-Jun-2026																																	275KV SS Modification - Installation of new supporting racks inside Cable Alarm Room																																
	B12_1070	275KV SS Modification - Installation of new supporting racks inside 275k-V Switching Control Room	6	08-Jun-2026	13-Jun-2026																																	275KV SS Modification - Installation of new supporting racks inside 275k-V Switching Control Room																																
	CABLE LADDER																																																																					
	B12_2030	Cable Ladder - Erection of working platform (scaffoldongs) (ground to +24.41mPD)	10	15-Jun-2026	26-Jun-2026																																	Cable Ladder - Erection of working platform (scaffoldongs) (ground to +24.41mPD)																																
	B12_2040	Cable Ladder - Installation of ladder brackets (support Type S1)	24	27-Jun-2026	25-Jul-2026																																	Cable Ladder - Installation of ladder brackets (support Type S1)																																
	B12_2050	Cable Ladder - Installation of cable ladder (Unistrut)	24	27-Jul-2026	22-Aug-2026																																	Cable Ladder - Installation of cable ladder (Unistrut)																																
	BILL NO. 13 - MODIFICATION WORK TO EXISTING SHUNT REACTOR COMPOUND EXTENSION																																																																					
	SHUNT REACTOR BAY 7																																																																					
	B13_1000	Shunt Reactor Compound Bay 7 - Clearing site and take down existing 2500mm high wire mesh fence and gate (G17A)	12	03-May-2027	17-May-2027																																	Shunt Reactor Compound Bay 7 - Clearing site and take down existing 2500mm high wire mesh fence and gate (G17A)																																
	B13_1010	Shunt Reactor Compound Bay 7 - Remove existing concrete fill from R.C. platform	36	18-May-2027	29-Jun-2027																																	Shunt Reactor Compound Bay 7 - Remove existing concrete fill from R.C. platform																																
	B13_1020	Shunt Reactor Compound Bay 7 - Construct new R.C slab with pocket, embedded plat and steel frame	72	30-Jun-2027	23-Sep-2027																																	Shunt Reactor Compound Bay 7 - Construct new R.C slab with pocket, embedded plat and steel frame																																
	B13_1030	Shunt Reactor Compound Bay 7 - Handover and move-in by Engineer's Specialist Contractor	0	01-Oct-2027*																																		Shunt Reactor Compound Bay 7 - Handover and move-in by Engineer's Specialist Contractor, 01-Oct-2027																																
	B13_1040	Shunt Reactor Compound Bay 7 - Receiver working are from Engineer's Specialist Contractor	0		15-Oct-2027*																																	Shunt Reactor Compound Bay 7 - Receiver working are from Engineer's Specialist Contractor, 15-Oct-2027																																
	B13_1100	Shunt Reactor Compound Bay 7 - Reinstate wire mesh fence and gate	12	15-Oct-2027	28-Oct-2027																																	Shunt Reactor Compound Bay 7 - Reinstate wire mesh fence and gate																																
	SHUNT REACTOR BAY 8																																																																					
	B13_1110	Shunt Reactor Compound Bay 8 - Clearing site and take down existing 2500mm high wire mesh fence and gate (G17B)	12	24-Sep-2027	09-Oct-2027																																	Shunt Reactor Compound Bay 8 - Clearing site and take down existing 2500mm high wire mesh fence and gate (G17B)																																
	B13_1120	Shunt Reactor Compound Bay 8 - Remove existing concrete fill from R.C. platform	36	11-Oct-2027	20-Nov-2027																																	Shunt Reactor Compound Bay 8 - Remove existing concrete fill from R.C. platform																																
	B13_1130	Shunt Reactor Compound Bay 8 - Construct new R.C slab with pocket, embedded plate and steel frame	72	22-Nov-2027	19-Feb-2028																																	Shunt Reactor Compound Bay 8 - Construct new R.C slab with pocket, embedded plate and steel frame																																
	B13_1140	Shunt Reactor Compound Bay 8 - Handover and move-in by Engineer's Specialist Contractor	0	01-Mar-2028*																																		Shunt Reactor Compound Bay 8 - Handover and move-in by Engineer's Specialist Contractor, 01-Mar-2028																																
	B13_1150	Shunt Reactor Compound Bay 8 - Receiver working are from Engineer's Specialist Contractor	0		15-Mar-2028*																																	Shunt Reactor Compound Bay 8 - Receiver working are from Engineer's Specialist Contractor, 15-Mar-2028																																
	B13_1160	Shunt Reactor Compound Bay 8 - Reinstate wire mesh fence and gate	12	15-Mar-2028	28-Mar-2028																																	Shunt Reactor Compound Bay 8 - Reinstate wire mesh fence and gate																																
	BILL NO. 14 - MODIFICATION WORKS TO EXISTING NO. 5 CHIMNEY																																																																					
	B14_1000	Removal of metal roof cover and installation of heavy duty lifting system (strand jack)	24	20-Mar-2026	21-Apr-2026																																	Removal of metal roof cover and installation of heavy duty lifting system (strand jack)																																
	B14_1020	Install steel track trolley directly below the steel flue with entry from the Ground Gate	12	22-Apr-2026	06-May-2026																																	Install steel track trolley directly below the steel flue with entry from the Ground Gate																																
	B14_1030	Erect temporary working platform for Liner Can alignment and anti-corrosion painting	6	07-May-2026	05-Jun-2026																																	Erect temporary working platform for Liner Can alignment and anti-corrosion painting																																
	B14_1040	Can No. 1 - Move-in and lifting and anti-corrosion painting	5	01-Aug-2026	06-Aug-2026																																	Can No. 1 - Move-in and lifting and anti-corrosion painting																																
	B14_1050	Can No. 2 - Move-in and lifting and bolt connection to Can No. 1 and seal weld	6	07-Aug-2026	13-Aug-2026																																	Can No. 2 - Move-in and lifting and bolt connection to Can No. 1 and seal weld																																
	B14_1060	Can No. 2 - Anti-corrosion painting	3	14-Aug-2026	17-Aug-2026																																	Can No. 2 - Anti-corrosion painting																																
	B14_1070	Can No. 3 - Move-in and lifting and bolt connection to Can No. 2 and seal weld	6	18-Aug-2026	24-Aug-2026																																	Can No. 3 - Move-in and lifting and bolt connection to Can No. 2 and seal weld																																
	B14_1080	Can No. 3 - Anti-corrosion painting	3	25-Aug-2026	27-Aug-2026																																	Can No. 3 - Anti-corrosion painting																																
	B14_1090	Can No. 4 - Move-in and lifting and bolt connection to Can No. 3 and seal weld	6	28-Aug-2026	03-Sep-2026																																	Can No. 4 - Move-in and lifting and bolt connection to Can No. 3 and seal weld																																
	B14_1100	Can No. 4 - Anti-corrosion painting	3	04-Sep-2026	07-Sep-2026																																	Can No. 4 - Anti-corrosion painting																																
	B14_1110	Can No. 5 - Move-in and lifting and bolt connection to Can No. 4 and seal weld	6	08-Sep-2026	14-Sep-2026																																	Can No. 5 - Move-in and lifting and bolt connection to Can No. 4 and seal weld																																
	B14_1120	Can No. 5 - Anti-corrosion painting	3	15-Sep-2026	17-Sep-2026																																	Can No. 5 - Anti-corrosion painting																																
	B14_1130	Can No. 6 - Move-in and lifting and bolt connection to Can No. 5 and seal weld	8	18-Sep-2026	28-Sep-2026																																	Can No. 6 - Move-in and lifting and bolt connection to Can No. 5 and seal weld																																
	B14_1140	Can No. 6 - Anti-corrosion painting	3	29-Sep-2026	02-Oct-2026																																	Can No. 6 - Anti-corrosion painting																																
	B14_1150	Can No. 7 - Move-in and lifting and bolt connection to Can No. 6 and seal weld	8	03-Oct-2026	12-Oct-2026																																	Can No. 7 - Move-in and lifting and bolt connection to Can No. 6 and seal weld																																
	B14_1160	Can No. 7 - Anti-corrosion painting	3	13-Oct-2026	15-Oct-2026																																	Can No. 7 - Anti-corrosion painting																																
	B14_1170	Can No. 8 - Move-in and lifting and bolt connection to Can No. 7 and seal weld	8	16-Oct-2026	26-Oct-2026																																	Can No. 8 - Move-in and lifting and bolt connection to Can No. 7 and seal weld																																
	B14_1180	Can No. 8 - Anti-corrosion painting	3	27-Oct-2026	29-Oct-2026																																	Can No. 8 - Anti-corrosion painting																																
	B14_1190	Can No. 9 - Move-in and lifting and bolt connection to Can No. 8 and seal weld	8	30-Oct-2026	07-Nov-2026																																	Can No. 9 - Move-in and lifting and bolt connection to Can No. 8 and seal weld																																
	B14_1200	Can No. 9 - Anti-corrosion painting	3	09-Nov-2026	11-Nov-2026																																	Can No. 9 - Anti-corrosion painting																																
	B14_1210	Can No. 10 - Move-in and lifting and bolt connection to Can No. 9 and seal weld	8	12-Nov-2026	20-Nov-2026																																	Can No. 10 - Move-in and lifting and bolt connection to Can No. 9 and seal weld																																
	B14_1220	Can No. 10 - Anti-corrosion painting	3	21-Nov-2026	24-Nov-2026																																	Can No. 10 - Anti-corrosion painting																																
	B14_1230	Can No. 11 - Move-in and lifting and bolt connection to Can No. 10 and seal weld	8	25-Nov-2026	03-Dec-2026																																	Can No. 11 - Move-in and lifting and bolt connection to Can No. 10 and seal weld																																
	B14_1240	Can No. 11 - Anti-corrosion painting	3	04-Dec-2026	07-Dec-2026																																	Can No. 11 - Anti-corrosion painting																																
	B14_1250	Can No. 12 - Move-in and lifting and bolt connection to Can No. 11 and seal weld	8	08-Dec-2026	16-Dec-2026																																	Can No. 12 - Move-in and lifting and bolt connection to Can No. 11 and seal weld																																
	B14_1260	Can No. 12 - Anti-corrosion painting	3	17-Dec-2026	19-Dec-2026																																	Can No. 12 - Anti-corrosion painting																																
	B14_1270	Can No. 13 - Move-in and lifting and bolt connection to Can No. 12 and seal weld	8	21-Dec-2026	31-Dec-2026																																	Can No. 13 - Move-in and lifting and bolt connection to Can No. 12 and seal weld																																
	B14_1280	Can No. 13 - Anti-corrosion painting	3	02-Jan-2027	05-Jan-2027																																	Can No. 13 - Anti-corrosion painting																																
	B14_1290	Can No. 14 - Move-in and lifting and bolt connection to Can No. 13 and seal weld	8	06-Jan-2027	14-Jan-2027																																	Can No. 14 - Move-in and lifting and bolt connection to Can No. 13 and seal weld																																
	B14_1300	Can No. 14 - Anti-corrosion painting	3	15-Jan-2027	18-Jan-2027																																	Can No. 14 - Anti-corrosion painting																																
	B14_1310	Can No. 15 - Move-in and lifting and bolt connection to Can No. 14 and seal weld	8	19-Jan-2027	27-Jan-2027																																	Can No. 15 - Move-in and lifting and bolt connection to Can No. 14 and seal weld																																
	B14_1320	Can No. 15 - Anti-corrosion painting	3	28-Jan-2027	30-Jan-2027																																	Can No. 15 - Anti-corrosion painting																																
	B14_1330	Can No. 16 - Move-in and lifting and bolt connection to Can No. 15 and seal weld	8	01-Feb-2027	12-Feb-2027																																	Can No. 16 - Move-in and lifting and bolt connection to Can No. 15 and seal weld																																
	B14_1340	Can No. 16 - Anti-corrosion painting	3	13-Feb-2027	16-Feb-2027																																	Can No. 16 - Anti-corrosion painting																																
	B14_1350	Can No. 17 - Move-in and lifting and bolt connection to Can No. 16 and seal weld	8	17-Feb-2027	25-Feb-2027																																	Can No. 17 - Move-in and lifting and bolt connection to Can No. 16 and seal weld																																
	B14_1360	Can No. 17 - Anti-corrosion painting	3	26-Feb-2027	01-Mar-2027																																	Can No. 17 - Anti-corrosion painting																																
	B14_1370	Can No. 18 - Move-in and lifting and bolt connection to Can No. 17 and seal weld	8	02-Mar-2027	10-Mar-2027																																	Can No. 18 - Move-in and lifting and bolt connection to Can No. 17 and seal weld																																
	B14_1380	Can No. 18 - Anti-corrosion painting	3	11-Mar-2027	13-Mar-2027																																	Can No. 18 - Anti-corrosion painting																																
	B14_1390	Can No. 19 - Move-in and lifting and bolt connection to Can No. 18 and seal weld	8	15-Mar-2027	23-Mar-2027																																	Can No. 19 - Move-in and lifting and bolt connection to Can No. 18 and seal weld																																
	B14_1400	Can No. 19 - Anti-corrosion painting	3	24-Mar-2027	30-Mar-2027																																	Can No. 19 - Anti-corrosion painting																																
	B14_1410	Can No. 20 - Move-in and lifting and bolt connection to Can No. 19 and seal weld	8	31-Mar-2027	09-Apr-2027																																	Can No. 20 - Move-in and lifting and bolt connection to Can No. 19 and seal weld																																
	B14_1420	Can No. 20 - Anti-corrosion painting	3	10-Apr-2027	13-Apr-2027																																	Can No. 20 - Anti-corrosion painting																																
	B14_1430	Can No. 21A - Move-in and lifting and bolt connection to Can No. 20 and seal weld	8	14-Apr-2027	22-Apr-2027																																	Can No. 21A - Move-in and lifting and bolt connection to Can No. 20 and seal weld																																
	B14_1440	Can No. 21A - Anti-corrosion painting	3	23-Apr-2027	26-Apr-2027																																	Can No. 21A - Anti-corrosion painting																																

Achievement of Deferred Works	Critical Activities	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved
Remaining Work	Milestone					



Project Programme of Works

[illegible]

Achievement of Deferred Works  Remaining Work	Critical Activities   Milestone	Tenderer's Technical Resources (CT clause 3(b) C) iv))	Date	Revision	Checked	Approved

[illegible]



Contract No. 24-83005 Lamma Power Station Extention Civil and Building Works for Unit 13 (Final) R2

Project Programme of Works

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Data-Date: 01-Jan-2025
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Activity ID	Activity Name	Original Duration	Start	Finish	2025												2026				2027				2028				2029				2030				2031				2032																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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	OPW2_1050	Optional Works (2) - Continue exc. to expose the remaining portion of C.W pipe down to +1.05mPD and dewatering of pipe	36	01-Nov-2025	12-Dec-2025																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

Tenderer's Techincal Resources (CT clause 3(b) C) iv))

Date

Revision

Checked

Approved

Appendix K

Monthly Waste Flow Table

Notes:

- (1) metal, paper & plastic were collected by recycler
- (2) The performance target of waste recycling are specified in the Contract.
- (3) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
- (4) Plastics refer to plastic bottles/ containers, plastic/ foam from packaging material.
- (5) Broken concrete for recycling into aggregates.
- (6) Excavated materials/waste will NOT be considered as part of construction waste. It should be excluded in the calculation.
- (7) Disposal of inert waste to public fill or sorting facilities will NOT be considered as recycled waste.