



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

UMWELT CONSULTING LIMITED

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

Appendix 10.1

Investigation Report

Notification of Exceedance

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

Location	Weather	Wind Condition	Start Time	End Time	Measured Noise Level dB(A)			Corrected Leq(30mins) dB(A)	Major observation	Other Observation
					Leq	L10	L90			
N12a	Cloudy	Calm	9:27	9:57	71.0	73.6	60.7	75	Concrete Breaking from our project	A relatively high traffic flow, including commercial vehicles like trucks and buses, was observed
					72.1	74.3	66.5			
					71.5	74.0	62.3			
					74.9	76.6	62.3			
					72.1	74.1	61.9			

Investigation Report

ET's On-site Observations:

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

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

Information Provided by the Contractor

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

Possible reason for Action or Limit Level Non-compliance:

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

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

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

Repeat Monitoring:

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

Remedial Action / Additional mitigation measures:

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

Photo Records

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



Photo Records on 30 December 2025 provided by ET



Construction activities: Excavation



Site Photo of N12a

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

