

**2008 – BIANNUAL 2
ENVIRONMENTAL NOISE
SURVEY AT THE MURPHY
ENVIRONMENTAL FACILITY,
GORMANSTON
(EPA WASTE LICENCE
W0151 – 01 QUARRY
REGISTRATION QY/61)**

Technical Report Prepared For

**Murphy Environmental
Sarsfieldstown
Gormanston
Co. Meath**

Technical Report Prepared By

Dominic Parkinson BSc AMIOA

Our Reference

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Cork Office

Unit 5, ATS Building,
Carrigaline Industrial Estate,
Carrigaline, Co. Cork.
T: +353 21 438 7400
F: +353 21 483 4606

AWN Consulting Limited
Registered in Ireland No. 319812
Directors: F Callaghan, C Dilworth,
T Donnelly, E Porter
Associate Director: D Kelly

EXECUTIVE SUMMARY

AWN Consulting has been commissioned to perform an environmental noise survey to establish the noise climate in the vicinity of noise sensitive locations close to the Murphy Environmental Facility at Gormanston, County Dublin. The compliance noise survey is required on a biannual basis in order to satisfy the conditions of the Waste Licence (No. W0151-01) that applies to this facility. This document reviews the survey data and presents it in a form suitable for submission to the Environmental Protection Agency (EPA) on behalf of Murphy Environmental.

Two environmental noise surveys, one daytime and one night-time, have been performed at locations at the site boundary and in the vicinity of a number of noise-sensitive locations in the area surrounding the facility.

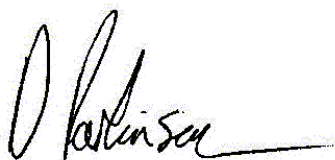
The Murphy Environmental facility was not operating during the night-time period and was therefore not contributing to the noise environment in the area surrounding the site during this period.

During the daytime measurement period, noise levels exceeded the EPA noise limit values of 55dB L_{Aeq} (30 Minutes) at one of the noise monitoring locations, NMP5. It should be noted that the dominant noise source affecting the nearby noise-sensitive dwellings at this monitoring location was from road traffic along the N1 roadway and not the Murphy Environmental Facility.

At monitoring locations NMP7, NMP8 and NMP13 the measured daytime noise levels satisfy the required 55dB L_{Aeq} (30 Minutes).

It may therefore be concluded that this facility is in compliance with the noise limits specified in Schedule C of its Waste Licence.

Report Prepared By:



DOMINIC PARKINSON
Acoustic Consultant

Report Checked By:



JENNIFER HARMON
Senior Acoustic Consultant