

1 Monitoring Data

1.1 Monitoring Equipment

Noise	There is a single noise monitoring location currently being used- AN2 The sound metre was logging in the 1/3 octave band analysis.
Weather Station	The data used for this reporting period was taken from the Terminal meteorological station.

1.2 Rainfall Data

Date	Rainfall mm
11/08/2011	19.6
12/08/2011	6.0
13/08/2011	4.4
14/08/2011	4.4
15/08/2011	8.4
16/08/2011	3.0
17/08/2011	0.2
Total	46.0

1.3 Summary

Environment	Comments
Weather	There was a total of 46mm of rainfall during the reporting period, with a temperature range of 7.3°C to 16.3°C.
Noise	Noise levels exceeded the permitted noise limit of 65dB LAeq for construction works between 07:00 and 20:00 on 17 th Aug 2011. This is due to an excavator working within 7m of the noise meter at the noise sensitive dwelling AN2.
Surface Water	No surface water discharge from the site during the reporting period.

2 Environmental Exceedances / Incidents / Complaint

No exceedance during the reporting period.

Day Time Noise Monitoring Record Sheet

Determinant Results

Location	Air Temp. (Min)	Air Temp. (Max)	Start Date	Time	Duration	Wind		Results dB			*Comments
						Speed (m/s)*	Direction (Degrees)	L _{Aeq}	L _{Amax}	L _{Amin}	
Action Limit											
Target Limit											
AN2	13.3	16.1	11/08/2011	15:42:00	01:00	2.4	264.6	34.7	34.0	29.2	
AN2	12.4	15.4	12/08/2011	15:48:00	01:00	3.9	209.1	43.7	46.6	41.5	
AN2	10.4	15.6	15/08/2011	15:20:00	01:00	2.2	210.9	60.0	80.1	34.0	
AN2	10.5	15.3	16/08/2011	11:20:00	01:00	3.9	275.5	59.8	81.6	40.4	
AN2	7.3	15.7	17/08/2011	11:26:00	01:00	1.4	245.7	69.5	86.6	43.8	Excavator working within 7m of the noise meter at AN2

* Wind speeds in excess of 5 m/s negatively impact noise readings (as per EPA Guidance Note on Noise Measurement).