

<b>Corrib Gas Pipeline Environmental Report</b>	Period Ending:	31 <sup>st</sup> July 2011
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## 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.
Vibration	There is a single vibration monitoring point being used- V3
Weather Station	The data used for this reporting period was taken from the Terminal meteorological station.

### 1.2 Rainfall Data

Date	Rainfall mm
22/07/2011	0.4
23/07/2011	0.0
24/07/2011	1.0
25/07/2011	1.2
26/07/2011	1.6
27/07/2011	1.0
28/07/2011	0.0
29/07/2011	0.0
30/07/2011	3.0
31/07/2011	1.2
Total	9.4

### 1.3 Summary

Environment	Comments
Vibration	Results were in anticipated range.
Weather	There was a total of 9.4mm of rainfall during the reporting period, with a temperature range of 4.0°C to 20.9°C.
Noise	Noise levels were all within the permitted noise ranges.
Surface Water	No surface water discharge from the site during the reporting period.
Groundwater Monitoring	Groundwater Monitoring to be scheduled and reported for the next reporting period.
Dust	Upon site establishment dust monitoring will be undertaken

**Note:** All laboratory data generated on site should be considered indicative only.

## 2 Environmental Exceedances / Incidents / Complaint

No exceedance during the reporting period.

**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 <sub>Aeq</sub>	L <sub>Amax</sub>	L <sub>Amin</sub>	
<b>Action Limit</b>											
<b>Target Limit</b>											
AN2	7.8	15.3	22/7/2011	13:41:00	01:00	2.1	289.5	48.2	77.8	28.0	
AN2	12.2	16.7	25/7/2011	14:46:00	01:00	2.4	257.4	53.4	79.8	34.1	
AN2			26/7/2011								No results. Technical Error with equipment
AN2	10.0	16.2	27/7/2011	13:35:00	01:00	2.4	228.4	44.6	69.0	29.2	
AN2	11.6	15.4	28/7/2011	10:31:00	01:00	3.2	258.0	45.3	68.9	34.8	
AN2	11.7	16.7	29/7/2011	09:16:00	01:00	1.5	95.0	49.4	76.4	24.9	

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

Vibration Monitoring Record			
Location	Date	PPV max (mm/s)	Min Criterion (mm/s)
V3	22/7/2011	2.33	8
V3	23/7/2011	0.56	8
V3	25/7/2011	0.08	8
V3	26/7/2011	0.32	8
V3	27/7/2011	0.24	8
V3	28/7/2011	1.04	8
V3	29/7/2011	0.72	8
V3	30/7/2011	0.32	8