

## 1 Monitoring Data

**Note:**

***No site personnel have been allowed to access the site.  
There is no environmental data available for the reporting period.***

### 1.1 Summary

Environment	Comments
Surface Water	No Data Available
Groundwater	No Data Available
Dust	No Data Available
Noise	No Data Available
Vibration	No Data Available
Weather	There was a total 39.9 mm of rainfall during the reporting period, with a temperature range of -0.3 to 12.4 °C

The weather data detailed below was downloaded from the Met Eireann Site and is for Belmullet. The on-site weather station could not be accessed for downloading.

Date	Rainfall (mm)		Date	Rainfall (mm)
18/11/2005	0		25/11/2005	5.6
19/11/2005	0		26/11/2005	10.1
20/11/2005	0		27/11/2005	5.4
21/11/2005	0		28/11/2005	2.2
22/11/2005	0		29/11/2005	9
23/11/2005	0.1		30/11/2005	2.4
24/11/2005	1.4		01/12/2005	3.7
Total = 39.9 mm				

## 2 Environmental Incidents/Near misses/Complaints

Access to site denied. No Incidents to report.

Surface Water Monitoring Record Sheet											no... 1 of 1			
Conducted by							Approved by							
Name: Sandra Barber					Signed			Name Leslie Finnegan					Signed	
Determinant Results														
	Date	Cond. µS/cm	Temp °C	Turbidity NTU	DO % Sat	TSS mg l <sup>-1</sup>	pH	Ortho-phosphate as P µg l <sup>-1</sup>	Nitrate as N mg l <sup>-1</sup>	Total Phosphorus as P (sw) mg l <sup>-1</sup>	Ammonia as NH <sub>3</sub> -N mg l <sup>-1</sup>	Ammonium as NH <sub>4</sub> mg l <sup>-1</sup>	Nitrite as N mg l <sup>-1</sup>	Comments
Action Limits		400		150		25	<3.5 or >7.5	40			0.2			
Target Limits		500		200		35	<3 or >8	70			0.5			
Settlement Pond Monitoring														
Surface water monitoring has been stopped due to denial of access to site														
Additional Surface Water Monitoring														

Note: LAB - Carried out by CLS Laboratories  
 Grey shaded areas denote parameters that cannot be analysed on-site or the lab.  
 Results detailed above are from on site grab samples only

Groundwater Monitoring Record Sheet											no... 1 of 1		
Conducted by						Approved by							
Name: Sandra Barber				Signed		Name Leslie Finnegan				Signed			
Determinant Results													
Location	Date	DO % Sat	Temp °C	Cond. uS/cm	pH	TDS mg l <sup>-1</sup>	BOD mg l <sup>-1</sup>	TSS mg l <sup>-1</sup>	Phosphate as P ug l <sup>-1</sup>	Total Hardness mg/l CaCO3	Nitrite as NO <sub>2</sub> mg l <sup>-1</sup>	Nitrate as NO <sub>3</sub> mg l <sup>-1</sup>	Phosphate as PO <sub>4</sub> mg l <sup>-1</sup>
MP 1	<b>Groundwater monitoring has been stopped due to denial of access to site</b>												
MP 2													
MP 3													
MP 4													
MP 5													
MP 6													
MP 7													
MP 8													
MP 9													
MP 10a													
MEL BR4a													

Location	Date	Ammonia mg l <sup>-1</sup>	Arsenic ug l <sup>-1</sup>	Mercury ug l <sup>-1</sup>	Lead ug l <sup>-1</sup>	Aluminium ug l <sup>-1</sup>	Zinc ug l <sup>-1</sup>	Chromium ug l <sup>-1</sup>	Copper ug l <sup>-1</sup>	Cadmium ug l <sup>-1</sup>	Iron ug l <sup>-1</sup>	Tin ug l <sup>-1</sup>	
MP 1													
MP 2													
MP 3													
MP 4													
MP 5													
MP 6													
MP 7													
MP 8													
MP 9													
MP 10a													
MEL BR4a													

Note: Results detailed above are from on site grab samples only. Data recorded continuously is shown on the following graphs  
 Graphs provided for MP1, MP2,MP4, MP6 and MP7 for: Temperature, Conductivity, and pH.

[illegible]

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

Dust Monitoring Record Sheet					no... 1 of 1		
Conducted by				Approved by			
Name: Sandra Barber		Signed		Name: Leslie Finnegan		Signed	
Determinant Results							
	Date Positioned	Date Removed	Ref. Number	Date Dispatched	Date Returned	Weight (mg/sq.m/day)	Comments
Target (Consent) Limit 350 mg m <sup>2</sup> d <sup>-1</sup> on as a 30 day average							
Dust monitoring has been stopped due to denial of access to site							
D1							
D2							
D3							
D4							
D1							
D2							
D3							
D4							
D1							
D2							
D3							
D4							
D1							
D2							
D3							
D4							
D1							
D2							
D3							
D4							

Monitoring Points are numbered clockwise through the Cardinal Marks (N, E, S, W)

Monitoring Results will be presented monthly

