

**Groundwater and Surface Water  
Monitoring Report for Hollywood Landfill  
(Waste Licence W0129-02) Quarter 4,  
2010**

January 2011

**Murphy Environmental Hollywood Ltd. (MEHL)**

**Hollywood Landfill  
Nag's Head  
Naul  
Co. Dublin**

MU0102

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Ultan Downes  
**Project Manager**

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Louise O'Donnell  
**Project Director**

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## Executive Summary

1. Murphy Environmental Hollywood Ltd. (MEHL) holds an EPA Waste Licence (W0129-02) for the operation of an inert landfill at Hollywood Great, Nag's Head, The Naul, Co. Dublin.
2. Quarterly groundwater and bi-annual surface water monitoring, as required under Waste Licence W0129-02, was carried out by Patel Tonra Ltd. at the site on the 14<sup>th</sup> of December 2010.
3. Groundwater is not extracted for drinking water purposes at or in the vicinity of the site. Limits referred to in this report are therefore for comparative purposes only.
4. The following exceedances were noted with reference to relevant guideline limit values:

### **Reportable 'Incidents'**

- Ammoniacal Nitrogen exceeded the Drinking Water limit in BH-8.
- Iron exceeded the Drinking Water limit in BH-8.
- Sulphate exceeded the Drinking Water limit in BH-10A and the EPA trigger limit in BH-8
- Conductivity exceeded the EPA trigger limit in BH-10A.

### **Non-Reportable 'Incidents'**

- Manganese exceeded the Drinking water limit in BH-4A, BH-5, BH-6, BH-8, BH-9 and BH-11A.
5. Surface waters analytical results were compared against Class A3 surface waters in the Surface Water Regulations, S.I. No. 294 of 1989 – The European Communities (Quality of Surface Water Intended for the Abstraction of Drinking Water) Regulations. These limits values are not statutorily applicable, and are used in this instance only as a comparator.

**For further information on the contents of this report or any issue related to the operation of Hollywood Landfill, please visit [www.mehl.ie](http://www.mehl.ie) or telephone the site at 01 8433744**