

**Groundwater, Surface Water and  
Leachate Monitoring Report for  
Hollywood Landfill (Waste Licence  
W0129-02) Quarter 4, 2009**

December 2009

**Murphy Environmental Hollywood Ltd.**

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

MU0102

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**Project Manager**

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## Executive Summary

1. Murphy Environmental Hollywood Ltd. 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, surface water and leachate monitoring, as required under Waste Licence W0129-02, was carried out by Patel Tonra Ltd. at the site on the 26<sup>th</sup> of November 2009.
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 parameters were in excess of the limit value concentrations set down in the Drinking Water regulations and EPA trigger levels:

### Reportable 'Incidents'

- Sulphate exceeded the Drinking Water limit in BH-8 and BH-10A.
- Ammoniacal Nitrogen exceeded the Drinking Water limit in BH-6, BH-8 and BH-11A.
- Iron exceeded the Drinking Water limit in BH-8.
- Total Suspended Solids exceeded the Salmonid Water Regulations limit in SW-2.
- Conductivity exceeded EPA trigger level in BH-8 and BH-10A, and the Salmonid Water Regulations in SW-6.
- pH breached the Drinking Water standard in BH-13.

### Non-Reportable 'Incidents'

- Manganese exceeded the Drinking water limit in BH-6, BH-8 and BH-11A.
5. Leachate 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. Results are detailed in Chapter 2.

**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**