

25 April 2013

Project No. 12507190001.L1.B0

Ruth Hennessy  
South Tipperary County Council  
Environment Section  
County Hall  
Clonmel  
Co Tipperary

**RISK ASSESSMENT OF KILSHEELAN FORMER LANDFILL SITE LOCATED AT KILSHEELAN, CO. TIPPERARY, IN SUPPORT OF AN APPLICATION FOR A CERTIFICATE OF AUTHORISATION IN ACCORDANCE WITH REGULATION 7 OF THE WASTE MANAGEMENT (CERTIFICATION OF HISTORIC UNLICENSED WASTE DISPOSAL AND RECOVERY ACTIVITY) REGULATIONS 2008**

Dear Ruth,

As a person who is qualified, trained and experienced to the standard set out in section 2.3 of Code of Practice: Environmental Risk Assessment for Unregulated Waste Disposal Sites (EPA, 2007), it is my opinion that the Tier 2 and Tier 3 risk assessments carried out by Golder Associates Ireland Ltd on behalf of South Tipperary County Council in relation to Kilsheelan former landfill Site located at Kilsheelan, Co. Tipperary are adequate and complete. These assessments have been carried out under Golder's standard terms of appointment, limit of liability and standard of care (Golder proposals P0507190275/1/V.0 dated 31 August 2010 and P2507190001.P1.V0 dated 23 January 2012).

The risk assessments followed the requirements of the Code of Practice. Golder Associates Ireland Ltd has followed and completed the steps set out in the Code of Practice and associated guidance (Matrix 1 and Matrix 2 – as published) in carrying out the risk assessment.

The following items:

- The risk assessment;
  - The findings and conclusions of the risk assessment;
  - The remedial measures proposed, and
  - The monitoring proposed to be carried out to demonstrate the effectiveness of the remedial measures,
- are, in my opinion, appropriate and adequate to:
- Identify the instances and risks of environmental pollution arising from the closed landfill to which this application refers;
  - Proportionately address any and all such instances and risks of environmental pollution; and
  - Confirm that any future instances of environmental pollution will be detected in a timely manner, subject to all monitoring being undertaken as highlighted in the risk assessments, which includes validation monitoring to confirm the findings of the risk assessments.



I have carried out and managed the following aspects of the project on behalf of South Tipperary County Council:

- Tier 2 risk assessment (Golder, 8 December 2010, reference 10507190275/R01/B.1); and
- Tier 3 risk assessment including GQRA and post-remediation monitoring programme (Golder, 14 February 2013, reference 12507190001.R1.A0).

Yours sincerely,

**GOLDER ASSOCIATES IRELAND LIMITED**



Eur. Geol. Thomas Vainio-Mattila, PGeo  
Senior Consultant

TVM/aw