

Unit 15
Melbourne Business Park
Model Farm Road
Cork T12 WR89



T: 021 434 5366
E: admin@ocallaghanmoran.com
www.ocallaghanmoran.com

To: Director of Services, Planning, Environment, Governance and Corporate Affairs,
Roscommon Cork County Council

11/11/2019

Re: Risk assessment on an historic landfill (Castlerea Landfill) 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 Director,

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 risk assessment carried out by Roscommon County Council on the closed landfill at **Castlerea** is adequate and complete.

The risk assessment complies with all of the requirements of the *Code of Practice*. The local authority through its contractor O'Callaghan Moran & Associates, in carrying out the risk assessment, has followed and completed the steps set out in the *Code of Practice* and associated guidance (Matrix 1 and Matrix 2 – as published).

The following items:

- - the risk assessment,
- - the findings and conclusions of the risk assessment,
- - the remedial measures proposed
- - 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,
- ensure that any future instances of environmental pollution will be detected in a timely manner.

I have advised the local authority on the following aspects of this project or have carried out or managed the following aspects of the project on behalf of the local authority

- - Tier 2 risk assessment (Yes) OCM completing the Tier 2 Assessment.
- - Tier 3 risk assessment including GQRA (and DQRA as appropriate) (Yes)
- - Remedial Measures (Yes)
- - Post-Remediation Monitoring Programme (Yes) OCM prepared a post remediation monitoring schedule to assess the effectiveness of the remediation works once they have been completed.

Signed:



Sean Moran

Name

Sean Moran (P.Geol., Eur. Geol, MSc.)>
O'Callaghan Moran & Associates
Unit 15 Melbourne Business Park
Model Farm Road,
Cork

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