



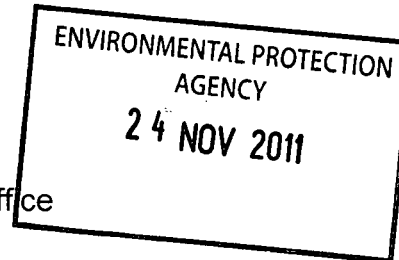
COMHAIRLE CONTAE CHIARRAÍ  
KERRY COUNTY COUNCIL

Guthán | Tel 066 7162000 Faics | Fax 066 7162001 Rphost | Email [environ@kerrycoco.ie](mailto:environ@kerrycoco.ie) Suíomh | Web [www.kerrycoco.ie](http://www.kerrycoco.ie)

Your ref. W0001-04/gc071d

18 November 2011

Environmental Licencing Programme Office  
Environmental Protection Agency  
PO Box 3000  
Johnstown Castle  
Johnstown Castle Estate  
Co Wexford



**REQUEST FOR TECHNICAL AMENDMENT OF WASTE LICENCE W0001-04, NORTH KERRY LANDFILL**

A Chara

Reference is made to correspondence herein.

Kerry County Council as licensee request that within the context of the proposal as detailed below that it be progressed through a Technical Amendment of Waste Licence W0001-04.

This request is made taking cognisance of Section 42B of the Waste Management Act 1996-2011.

Background to request.

Kerry County Council is obliged to prepare an Oil and Hazardous and Noxious Substances Spill Contingency Pan under the Sea Pollution Act, 1999-2006.

The purpose of the plan is to assist in the co-ordination and response to a spill event that has the potential to effect the seashore.

In its preparation, consideration was given to the existing containment infrastructure that is available within the county which could contribute to an effective, efficient and practical response to a spill and subsequent clean-up operation.

Currently at North Kerry Landfill (NKL) there are two discrete quarantine areas and a composting slab which have a controlled drainage system – these are fully contained concrete slabs as per the following outline details;

- Composting slab – area 2,400m<sup>2</sup> (60m\*40m) – controlled drainage to lagoon 3 (no leachate from cells)
- Quarantine area 1 – area 190m<sup>2</sup> (9.5m\*20m) - controlled drainage to lagoon 3 (no leachate from cells)
- Quarantine area 2 – area 90m<sup>2</sup> (6m\*15m) – controlled drainage to lagoon 1 (receives leachate from cells)

All leachate from these areas is collected in lined lagoons (composite lining system) before transport off-site for treatment. All such collected leachate would be transported to an approved treatment facility.

It is the intended strategy of KCC that any contaminated material collected during a clean-up operation would, in the first instance, be transported directly from the clean-up location to an authorised recovery or disposal facility by approved contractors.

It is possible however, that the magnitude of contaminated material from any clean-up operation could be in excess of the transportation capacity of the permitted contractors or the treatment capacity of the receiving plant.

It is only in this instance that the temporary holding of contaminated material at North Kerry Landfill at controlled locations is being considered as an effective, proportionate and reasonable response option to this possibility.

Given the volume threshold that would have to be exceeded before the necessity to use the facilities at NKL was required, then it is most likely, that it would be heavy fuel oil contaminated materials that would be temporarily stored at the site pending disposal.

The licence as issued through Section 40 (4) of the Waste Management Act as modified indicates that the Agency shall not grant a licence unless it is satisfied in general terms that;

- any emissions from the activity will not result in the contravention of any relevant environmental standard
- the activity will not cause environmental pollution
- best available technology will be used to prevent or eliminate or where this is not practical to limit, abate or reduce any emission from the activity

In the overall context of a response to a spill event the use of the containment infrastructure at NKL would contribute to the overarching objective of best possible environmental, economic, effective and financial outcome for the region effected by the consequences of the spill event.

It is the view of Kerry County Council that any required amendment to the licence or similar is consistent with Section 42B (1)(C) of the Waste Management Act 1996 – 2011 as the measure proposed is part of a structured emergency response procedure and not part of the normal operation of the licence.

It will enhance the level of environmental protection afforded in a manner consistent with the principles of Section 40 of the Act.

a) Details of the requested change(s).

The requested changes are as detailed above.

KCC request that the waste licence is amended to permit the temporary storage of oil contaminated material as an emergency response measure to a spill event pending transport, treatment and disposal at an appropriate facility.

It is a contingency measure that is only to be used in the event that the capabilities of the primary response resources are exceeded.

b) Reasons for the change(s) requested.

As outlined above NKL has adequate engineered containment infrastructure which can contribute in any response effort to a spill event. However the waste licence precludes its use as a response resource.

It is thus a rational use of existing licensed resources that is being requested in exceptional circumstances which will contribute to an optimal outcome for the region.

c) Details of any increase or changes in emissions resulting from the change(s).

There will be no increase in emissions from the temporary storage of contaminated material in the controlled areas.

All leachate can be contained and stored in a lined lagoon pending removal from site for treatment at an appropriate facility.

Stored material can be covered to prevent the unnecessary generation of leachate and procedures implemented to suppress any possible dust migration.

The controlled areas can be isolated, fully secured and monitored.

Additional temporary monitoring can be undertaken as a reassurance measure during the storage period.

The storage operation can avail of the on-site resources at NKL including plant, equipment, personnel, security and dedicated infrastructure.

A full record of all materials transported to and from site can be recorded by use of certified weighbridge and similarly for any leachate generated. This will provide an audit trail for the material balance.

d) An assessment of the likely impacts of any increase/changes in emissions.

There are no anticipated emissions from the temporary storage of the material on site.

There will be increased traffic movements associated with the delivery and then removal of the material to an appropriate facility. Such movements of material will be completed by permitted contractors only.

I hope the above is satisfactory should you require any further information or assistance, please do not hesitate to contact this office.

Yours faithfully



John Ahern Actg/SEE  
Waste Management  
066 7162046

Copies

1. Ms Linda Dalton, OEE, Inniscarra