

Mr. Kieran Duffy,
Environmental Services Section,
Monaghan County Council,
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Riverside Road,
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28th February 2020

Reg. No. H0364-01

Re: Killycard Landfill – Notice in accordance with Regulation 7(4) of the Waste Management (Certification of Historic Unlicensed Waste Disposal and Recovery Activity) Regulations, 2008

Dear Mr. Duffy,

I am to refer to the above referenced application for a certificate of authorisation in relation to the above referenced historic landfill.

Having examined the foregoing, I am to advise that the Agency is of the view that the application does not comply with Regulation 7(2) of the Waste Management (Certification of Historic Unlicensed Waste Disposal and Recovery Activity) Regulations, 2008.

You are therefore requested in accordance with Regulation 7(4) of the Regulations, to take steps to supply the information detailed below:

REGULATION 7(2) COMPLIANCE REQUIREMENTS

1. Submit a copy of the Section 22 Registration for the closed landfill.
2. The grid reference numbers for the location of the landfill stated in the application are for a location to the north of the Corrinshigo Lough. Provide the correct grid coordinates for the location of the site.
3. It is noted that the closed landfill location is included, as indicated by Catchment.ie, within a catchment of rivers Newry, Fane, Glyde and Dee and a sub-catchment of River Fane (Sub-catchment code: 06_8). Please provide the reasoning for Tier 1 Assessment statement that the site lies with a catchment of Erne River.
4. Tier 1 Assessment refers to the following waterbodies:
 - (a) “southwestern perimeter drainage channel”;
 - (b) “source stream for Corrinshigo Lough”;

- (c) “northern perimeter drainage channel”;
- (d) “the lake outlet stream which is a tributary of the Carrickaslane Lough stream”;
and
- (e) “Corracloghan stream”.

Provide a drawing showing these channels and streams, any other streams and land drains that have hydrological connection with the Corrinshigo Lough but are not included in the above list. Include arrows showing flow direction for each water body.

5. Discrepancies were noted in relation to surface water monitoring locations SW1 and SW2. Tier 2 Assessment states that “SW1 was selected as the furthest downstream location and samples the Corrinshigo Lough..(and that) SW2 is located along the northern boundary of the landfill and samples from a drainage channel upstream of the landfill”. Tier 3 Assessment states however, that surface water monitoring was conducted on the “northern drainage channel upstream of Corrinshigo Lough (SW1) and... further downstream on this channel where it enters the lough (SW2)”.
 - (a) Provide a symbol and grid reference numbers for the actual upstream and downstream monitoring location.
 - (b) Confirm whether the monitoring results provided in Table 4-5 of Tier 2 Assessment are representative of the monitoring locations referred to in Point 3(a).
6. The application states that the landfill was operational from “circa 1980” to “circa 1987”. Tier 2 Assessment states however that the landfill accepted waste through the 1970s and early 1980s ceasing in 1984. Clarify the commencement and closure dates for the landfill.
7. Tier 1 Assessment states that the site is used for pasture and poultry production. Tier 2 Assessment states however that the site is used for silage production. Clarify the current use of the site. Please also state the proposed use post the completion of the remedial works.
8. The application states that the estimated volume of waste is 27,900m³ and that this volume is equal to approximately 45,000 tonnes of waste. Tier 2 states however that Monaghan County Council have estimated the quantity of waste to be in the region of 30,000m³. Please confirm the final estimated volume of waste to be taken to represent the full extent of the landfill and the tonnage for the amount of deposited waste.
9. The following observations were made during the site walk over referred to in Tier 1 Assessment:
 - (i) waste was found to be depositing directly into the Corrinshigo Lough and also to the surface water ditch on the northern edge of the site;
 - (ii) evidence of recent erosion was noted along large sections of the western landfill boundary.

State the reason for not including the removal of waste from the Corrinshigo Lough and the said drain, and the measures to prevent the further erosion among the proposed remedial measures.

10. Referring to Drawing No. *P1724-0500-0002*, explain how will the leachate be transferred from the collection sump into the leachate collection tank. Please also state how the leachate will be transferred to an off-site disposal facility. Include the name of the disposal facility and any authorisation associated with the disposal of leachate at this facility.
11. Explain how the sub-surface and surface drainage management system presented on Drawing No. *P1724-0500-0001* will work.
12. Clarify the following statement in Tier 3 Assessment: "The leachate sump will be set to a control level (0.5m) below (or greater) that of the drain invert limiting hydraulic connectivity between the site and the surface water system" and state whether there will be a mechanical connection between the leachate management system and sub-surface and surface drainage management system.

Your reply to this notice should include a revised non-technical summary, which reflects the information you supply in compliance with the notice, insofar as that information impinges on the non-technical summary.

In the case where any drawings already submitted are subject to revision consequent on this request, a revised drawing should be prepared in each case. It is not sufficient to annotate the original drawing with a textual correction. Where such revised drawings are submitted, provide a list of drawing titles, drawing numbers and revision status, which correlates the revised drawings with the superseded versions.

Please supply the information in the form of one original plus one copy within *three weeks* of the date of this notice. In addition, please submit one copy of the requested information in electronic searchable PDF format on a CD-ROM to the Agency. Please note that all maps/drawings should not exceed A3 in size.

Please note that the application's register number is **H0364-01**. Please direct all correspondence in relation to this matter to *Administration, Environmental Licensing Programme, Office of Environmental Sustainability, Environmental Protection Agency, Headquarters, PO Box 3000, Johnstown Castle Estate, County Wexford* quoting the register number.

Yours sincerely,



Ewa Babiarczyk
Inspector
Environmental Licensing Programme
Office of Environmental Sustainability