

Noeleen Keavey

Subject: FW: Powerstown landfill W0025-04 - 1/2
Attachments: Powerstown technical amendment Jan 2013.pdf

From: Pat Connolly [mailto:pconnoll@carlowcoco.ie]
Sent: 24 March 2015 12:29
To: Ewa Babiarczyk
Subject: powerstown landfill

Ewa,

Carlow County Council submitted a Tier 3 Risk Assessment for groundwater and surface water in May 2014, via EDEN.

Section 9 of the report recommended that a further monitoring period of 12 months be completed before the final Risk Assessment was completed.

We received an Agency reply (EDEN extract below) which agreed with the recommendation and requested that the updated findings be submitted before 30-11-15 (we hope to have this done earlier).

The groundwater section essentially addressed the same requirements as Technical Amendment B, but we will complete the recommended Agency template in accordance with licence requirements.

This will be done after the additional monitoring is done and when we have more data available (ie by 30-11-2015)

Can you let me know if this proposal is satisfactory.

The May 2014 RA concluded that

There was no risk to the groundwater within the underlying gravel aquifer at a distance of 200m downgradient of the site associated with the current site condition and offsite migration of impacted groundwater. There was no identified unacceptable risk to the identified sensitive environmental receptor, the River Barrow associated with the identified ammonia and chloride contamination. It is also considered reasonable to assume that there does not appear to be any resulting impacts on the qualifying interests of the nearest ecological receptor i.e the SAC.

The RA also recommended updated trigger levels for groundwater, these are now being used.

Subject	Task	Action Number	Category	Sub-Category	Due Date	Status
Groundwater Compliance Monitoring	CI Action	A009293	Request for Information	Additional Information Required	30/11/2015	Open
Powerstown Stream Assessment	CI Action	A009292	Request for Information	Additional Information Required	30/11/2015	Open

Showing 2 of 2 entries

Powerstown Landfill Site (W025-03)

Compliance Investigation (CI000836) :: [Open]

Title/Name: Environmental Risk Assessment Monitoring Programme for Groundwater and Surface Water
Issues: Water/Runoff
CI Description: The licensee shall carry out the recommendations in Section 9 of the Tier 3 Environmental Risk Assessment Report which was submitted to the Agency on 29/05/2014. The findings of the assessment and updates to the Conceptual Site Model shall be submitted to the Agency in a final report by 30/11/2015.
CI Origin: Water Quality Report

Receptors

Name	Water

Likely Cause

Name	Description	Potential/Actual Effect
Leachate	Leachate contamination from unlined areas of the landfill.	
Groundwater/Soil	Groundwater quality affected by leachate from unlined sections of the landfill.	Likelihood: Moderate

I have a copy of the Baseline Report in my office and can drop it down this week if required.
 A copy of the May 2014 report will be sent in a separate e-mail (it is attachment 14 in the application documents)

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 Carlow County Council
 Powerstown Landfill
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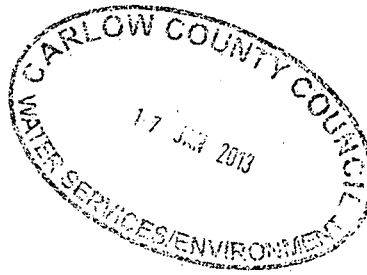


Environmental Protection Agency
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Mr Fergus Mulhare
Landfill Manager
Carlow County Council
Environment Department,
County Offices
Athy Road
Carlow
Ref: Powerstown Landfill.

15th January 2013

Reg No: W0025-03

Dear Mr Mulhare

I refer to the Agency's letter of 28th September 2012, advising that your licence was likely to be technically amended.

I am to advise that the Agency has amended your existing Licence Reg. No. W0025-03 to incorporate the changes as outlined in the attached Technical Amendment document. The amendment shall be read in conjunction with and attached to your existing licence, Reg. No. W0025-03, as well as any other Technical Amendment(s) on this licence, if applicable.

Any general queries regarding your licence should be directed to your Enforcement Inspector.

Yours sincerely,

Joe Reilly
Programme Officer
Office of Climate, Licensing & Resource Use

Encl.





Headquarters
P.O. Box 3000
Johnstown Castle Estate
County Wexford
Ireland

AMENDMENT B
TO
WASTE LICENCE

Licence Register Number:	W0025-03
Licensee:	Carlow County Council
Location of Facility:	Powerstown Landfill Powerstown County Carlow

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Reasons for the Decision

The Environmental Protection Agency has examined the terms of the Waste Licence Reg. No. W0025-03 granted on 21/12/2009, as required by the provisions of Article 12 of the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended and determined that the licence can be brought into conformity with the provisions and requirements of said regulations by the exercise of the powers conferred by Section 42B(1)(c) of the Waste Management Acts 1996 to 2012.

The Environmental Protection Agency is satisfied, on the basis of the information available, that subject to compliance with the conditions of Waste Licence Reg. No. W0025-03 granted on the 21/12/2009, and amended on 28/06/2010, as well as any amendments noted herein, any emissions from the activity will comply with and not contravene any of the requirements of Section 40(4) of the Waste Management Acts 1996 to 2012.

Technical Amendment

In pursuance of the powers conferred on it by Section 42B(1)(c) of the Waste Management Acts 1996 to 2012, the Agency amends the licence, granted to Carlow County Council, County Offices, Athy Road, Carlow, for a facility installation located at Powerstown Landfill Site, Powerstown, Kilkenny Road, County Carlow.

Henceforth, the licence shall be read in conjunction with Amendment A issued on 28/06/2010, and the amendments set out below.

This technical amendment is limited to the following Interpretation and Condition(s):

Amendments

Interpretation

Insert terms in Interpretation:

Compliance Point The point (location, depth) at which a compliance value should be met. Generally it is represented by a borehole or monitoring well from which representative groundwater samples can be obtained.

Compliance Value The concentration of a substance and associated compliance regime that, when not exceeded at the compliance point, will prevent pollution and/or achieve water quality objectives at the receptor.

Amend term in Interpretation:

Incident The following shall constitute as incident for the purposes of this licence:

- (i) an emergency;
- (ii) any emission which does not comply with the requirements of this licence;
- (iii) any exceedance of the daily duty capacity of the waste handling equipment;
- (iv) any trigger level specified in this licence which is attained or exceeded;
- (v) any compliance value specified in this licence which is attained or exceeded; and,
- (vi) any indication that environmental pollution has, or may have, taken place.

Amend the Interpretation to include the above.

Conditions of Licence

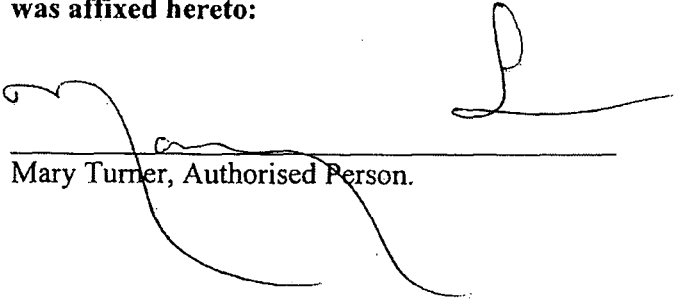
8.8.2 Within eighteen months of the date of this technical amendment, the licensee shall carry out a risk screening and where necessary a technical assessment in accordance with the *Guidance on the Authorisation of Discharges to Groundwater*, published by the Environmental Protection Agency. A report on the outcome of the screening and where relevant the recommendations of the technical assessment in relation to the setting of groundwater compliance points and values, shall be included in the next AER. Any actions required to demonstrate compliance with the European Communities Environmental Objectives (Groundwater) Regulations 2010, as amended shall be agreed by the Agency and implemented before 22nd December 2015. Groundwater monitoring results shall be submitted annually or as required in the Schedules to this licence.

Amend Condition 8.8 to include the above condition after condition 8.8.1

— ❖ —
This Amendment shall be cited as Amendment B to the licence.

Sealed by the seal of the Agency on this the 15th day of January, 2013

PRESENT when the seal of the Agency
was affixed hereto:



Mary Turner, Authorised Person.

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