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On behalf of GCHL LIMITED



9 August 2019

Reg. No.: W0298-01

Article 14(2)(b)(ii) of the Waste Management (Licensing) Regulations, in respect of a licence application from GCHL LIMITED for a facility located at GCHL LIMITED, Ballinderry, Carbury, Naas, County Kildare.

Dear Sir or Madam,

I refer to the application for a licence received by the EPA on 02 June 2018.

Having examined the documentation submitted, I am to advise that the Agency is of the view that the documentation does not comply with the above mentioned legislation. You are therefore requested, in accordance with the regulations, to supply the information detailed below.

1. With regards to air quality, provide information on the predicted dust levels associated with the proposed development outside the boundary of the site including the cumulative impact of dust levels on the surrounding area including the impact of dust on the adjacent waterbodies, from the proposed development and in combination with other activities in the surrounding area. Include dispersion modelling of atmospheric emissions from the activity in your response.
2. Identify potential sources of noise from the proposed activity. Provide information on the predicted noise levels associated with the proposed development outside the boundary of the site, including the cumulative impact of noise levels on the surrounding area, from the proposed development and in combination with other activities in the surrounding area. Identify any noise sensitive locations (location coordinates should be expressed as six-digit easting and northing GPS Irish National Grid references).
3. With regards to groundwater, please provide the following:
 - (a) Submit a Hydrogeological Conceptual site model;
 - (b) A quantitative assessment of the proposed dewatering and backfilling methodology produced by a competent person;

- (c) Provide numerical assessment of estimated required dewatering pumping rates and times;
 - (d) The number, sequence and location of sections that will be dewatered in the ponds and backfilled indicated on a map/site plan;
 - (e) Provide borehole logs and permeability test results for all existing boreholes. (If no permeability test has been completed it must be done and must be site based);
 - (f) Install an additional borehole to the north east area of the site, down to at least the dept of the deepest point in the ponds. Please provide borehole log and permeability test results for this additional borehole;
 - (g) Assess the impact on local receptors in particular domestic groundwater wells;
 - (h) Assess the potential impacts from changing groundwater flow direction resulting from dewatering, in particular dynamics between septic tanks and domestic wells in the area down gradient;
 - (i) Demonstrate that there is no pathway between the groundwater and River Glash;
 - (j) State the direction of groundwater flow and which of the groundwater monitoring wells can or will be used to represent the up-gradient and down gradient water quality.
4. Provide surface water monitoring information upstream and downstream of the site for the River Glash and the Balrinnet Stream. The information should include monitoring results and sample locations (coordinates should be expressed as six-digit easting and northing GPS Irish National Grid references).
5. Submit the surface water monitoring information for Pond C.
6. Provide information on the nature and quantities of waste that have been deposited at the facility to date. Provide a map showing the locations of the deposited waste. Provide copies of any waste authorisations for such waste activities.
7. Provide details on the source of water and water usage on site in relation to minimising dust.
8. A screening for Appropriate Assessment was undertaken on 2nd August 2019 and the Agency determined that an Appropriate Assessment of the proposed activity is required.

You are thereby required to submit a Natura Impact Statement, as defined in Regulation 2(1) of the European Communities (Birds and Natural Habitats) Regulations 2011 as amended.

You are furthermore advised to refer to the document '*Appropriate Assessment of Plans and Projects in Ireland – Guidance for Planning Authorities*', issued in 2009 by the Department of the Environment, Heritage and Local Government, and revised in 2010. This document is available on the National Parks & Wildlife Survive website at: http://www.npws.ie/sites/default/files/publications/pdf/NPWS_2009_AA_Guidance.pdf

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In addition to the above, please also provide an updated non-technical summary (Application Form, and EIS where applicable) to reflect the information provided in your reply, 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.

Your response to this request is to be submitted via EDEN. Guidance on how to use this portal is available on the EPA website at <http://www.epa.ie/pubs/forms/lic/industrial%20emissions/licenceapplicationformguidance.html>.

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Please direct any queries to licensing@epa.ie.

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Yours faithfully,



Michelle Reddy
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Environmental Licensing Programme
Office of Environmental Sustainability
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