

Mr Mark Hamill
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07 May 2010 Reg No: P0914-01

Dear Mr Hamill

I refer to your application for an Integrated Pollution Prevention and Control licence received by the Agency 12/03/10.

I am to advise in accordance with Article 11(2)(b)(ii) of the EPA (Licensing) Regulations 1994 to 2008, that the following information is required in support of the application under Article 10 of the Regulations:

Section B.1

Submit the following items as part of attachment B1:

1. a Certified Copy of the Certificate of Incorporation.
2. the Company's Registration Number from the Companies Registration Office.
3. Particulars of Registered Office of the Company.

Section B.2

1. Re-submit the location maps as non-confidential information as per the IPPC application form guidance notes. Geo-referenced digital drawing files (e.g. AutoCAD files) in Irish Grid projection of the site boundary and overall site plan, including labelled emission, monitoring and sampling points, are also required. This data should be provided to the Agency on a separate CD-Rom containing sections B.2, E.6 and F.3.
2. Confirm that the applicant will not operate the small area of bog whose drainage discharges just below silt pond no. 1.

Section B.5

1. Confirm in writing that the activity has full planning permission. Include details of all planning permissions, including a copy of all conditions.
2. Confirm if an Environmental Impact Statement (EIS) has been required by the planning authority for the development and submit copies of the EIS as necessary.

Note: Any *telephone enquiries* in relation to the above should be directed to **John McEntagart** at the number above.
All *written communications and replies* should be directed to Sonja Smith, Office of Climate, Licensing, & Resource Use, EPA, PO Box 3000, Johnstown Castle Estate, County Wexford.

Section B.8

1. Re-submit the maps showing the site notice locations and a copy of the text of the site notice as non-confidential information.
2. Submit a copy of the notice given to the Planning Authority.
3. Re-locate the site notice at the entrance to the Lower Coole/Mayne/Ballinealoe site so that it is conspicuous to people on the public road and maintain for at least two months accordingly.

Section C.1

1. Submit details (e.g. organisation chart) of the site management structure, indicating, in particular, responsibility levels for environmental management.

Section D

1. Submit a list of all unit operations together with a plan of the site indicating the location of all activities and identifying all buildings and facilities (including office buildings, toilets, fuel storage, etc.).
2. Re-submit the flow diagram of each unit operation, but include a brief description detailing the purpose of each unit operation. Include details of silt pond cleaning and the draining of silt removed from silt ponds.

Section E

1. Complete Tables E.2(ii) for the emissions to surface water (in particular for suspended solids, ammonia, BOD, COD, orthophosphates, turbidity and pH) and submit accordingly. Revise Tables E.2(i) to include 95%ile flow, as well as dry weather flow, in the receiving waters. Revise the E.2(i) tables for the Clonsura bog to include the relevant flow data for the receiving water courses at the point of discharge, i.e. River Glore for settlement ponds nos. 3 and 4, and River Inny for the combined discharge from settlement ponds 1,2 and 5. Likewise revise table E.2(i) for the stream that runs between the Ballinealoe and Mayne townlands (discharges from settlement ponds 4, 6 and 7). Explain how the waste assimilative capacities included in the Tables E.2(i) were calculated and for which parameter. Confirm that the discharge rates for silt trap Nos. 4, 5, 8, 9, 10 and 11 are expected to be the same or revise tables accordingly.
2. Complete table E.6 and submit electronically on CD-Rom.

Section F

1. Confirm the design of the silt traps conform to Best Available Techniques. Refer to the Agency's *BATNEEC Guidance Note, Class 1.4, Extraction of Peat* (see Agency's website, www.epa.ie) in this regard. Particular mention should be made of the experimental design at settlement pond no. 4. Justify that a silt design capacity of at least 50 m³ per nett ha of bog serviced for the silt ponds conforms to BAT.
2. Confirm if flow regulators will be fitted to the inlets to all silt ponds to ensure the design flow capacity of the ponds are not exceeded in flood events and advise what contingencies exist for flood events.
3. Advise how the rise and fall of the water level in the River Inny will affect the performance of the silt ponds.

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4. Submit details of the rotary flow velocity meter and explain what is meant by the “River Survey Method”. Provide timeframes for when flow measurement at the silt ponds will be available.
5. Complete all of table F.1(i) and re-submit accordingly, e.g. equipment maintenance and back-up.
6. Submit details of the program of works, with timeframes for completion, for the silt ponds and the related drainage works. This relates to all silt ponds and not just the works for silt trap no. 12 at Clonsura.
7. Determine the risk to the River Inny from suspended solids in surface water run-off from the bog drain constructed just downstream of silt pond no. 4.
8. Confirm that dust mitigation measures conform to Best Available Techniques. Refer to the Agency’s *BATNEEC Guidance Note, Class 1.4, Extraction of Peat* (see Agency’s website, www.epa.ie) in this regard.
9. Complete table F.2(ii) for ambient environment monitoring and sampling points. This should include dust deposition monitoring and monitoring of water courses.
10. Complete Table F.3 and submit electronically on CD-Rom.

Section G

1. Submit details on measures to be taken to ensure that energy is used efficiently.

Section H

1. Submit details of how diesel will be stored on-site, as per section H.1 of the application form.
2. Confirm if any municipal/office waste will be generated and complete section H.2 of the application form as necessary. Likewise, confirm what equipment maintenance, if any, will take place on-site and if this will generate waste.
3. Confirm how the applicant will deal with sanitary effluent and whether or not a septic tank and associated disposal system is (or will be) installed on-site. Submit details of the design of the septic tank and associated disposal system, as necessary.

Section I

1. Complete section I.2 of the licence application form for the River Inny and its tributary the River Glore. In this regard provide a description of the environmental status of the two rivers in terms of their status under the Water Framework Directive and biological quality rating (refer to www.wfdireland.ie for status of water courses regarding the Water Framework Directive and ENVision maps on the Agency’s website, www.epa.ie, for biological quality rating). Complete Table I.2 for both the Rivers Inny and Glore (upstream and downstream of the relevant bogs). Determine whether the main pollutants from the activity, including ammonia, turbidity, pH and suspended solids, are having an impact on the two Rivers. Reference should be made to the European Communities Environmental Objectives (Surface Waters) Regulations 2009, S.I. No. 272 of 200 and the European Communities (Quality of Salmonid Waters) Regulations, 1988, in this regard. Assimilative capacity calculations should be carried out for the relevant pollutants (in

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particular suspended solids and ammonia). Grid references for monitoring locations should be provided (ref. Table F.2(ii)).

2. Confirm details of the buffer zone the Shannon Regional Fisheries Board requested be maintained adjacent to water courses. This should include the River Inny, the River Glore and the stream that runs between the Ballinealoe and Mayne townlands.
3. Complete section I.4 of the licence application form in terms of the groundwater quality. Provide details of the groundwater status as per the Water Framework Directive – reference www.wfdireland.ie in this regard.

Section K

1. Explain, in principle, how the site will be rehabilitated. This should include details of the re-vegetation plans, e.g. will it be allowed to occur naturally or will seeds be planted, what type of plants will re-vegetate the site compared to what is indigenous and what are the expected timeframes for re-vegetation and site rehabilitation.

Section L

1. Indicate how the requirements of Section 83(5)(a)(i) to (v) and (vii) to (x) of the EPA Acts 1992 to 2008 will be met as per the licence application form.
2. Indicate what, if any, conservation sites under the Habitats Directive (92/43/EEC) or the Birds Directive (79/409/EEC) lie within a 5 km radius of the facility and indicate the nearest such site downstream of the facility. Determine if there is likely to a significant impact from the activity on the relevant *European sites*. In this regard, carry out a screening to determine if an Appropriate Assessment is needed (see the Agency's *Note on Appropriate Assessments for the purposes of the Waste Water Discharge (Authorisation) Regulations, 2007 (S.I. No. 684 of 2007)* available on the Agency's website, www.epa.ie). If based on the above determination there is likely to be a significant effect on a *European site(s)* than an Appropriate Assessment must be carried out. Where it considered that an Appropriate Assessment is not required, provide a reasoned response.
3. Confirm the activity will not exert an adverse impact on Lough Bane (pNHA) that borders the Clonsura site. Correspondence from the National Parks and Wildlife Service would be of assistance in this regard.
4. Complete the assessment of fit and proper person with respect to the legal and financial aspects.

In addition to the above please also provide an updated non-technical summary to reflect the information provided in your reply.

The requested information should be submitted to the Agency within **eight weeks** of the date of this notice, in order to allow the Agency to process and determine your application.

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In the circumstances, you should make immediate arrangements to have the required document(s) (1 signed original and 1 copy in hardcopy format, and 2 copies of all files in electronic searchable PDF format on CD-ROM) submitted to the Agency without delay. Your response to this request should be directed to Sonja Smith, Administration Officer, Office of Climate, Licensing & Resource use.

It should be noted that the eight-week period within which the Agency is to decide the proposed determination will commence on the day on which this notice has been complied with. If you have any further queries please contact John McEntagart at the number above.

Yours sincerely

A handwritten signature in black ink, reading 'John McEntagart', is positioned above the printed name.

John McEntagart
Office of Climate, Licensing & Resource Use

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