

Patrick Doyle

Subject: FW: Waste management license application W0293-01
Attachments: report.doc

From: JOANNA TROUGHTON [mailto:JOANNA.TROUGHTON@hse.ie]
Sent: 06 September 2016 14:29
To: Licensing Staff
Subject: Waste management license application W0293-01

Please find attached a report from Wicklow Environmental Health Office (HSE) in respect of the above application

Kind regards

Joanna Troughton
Environmental Health Officer

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When we go through tough time, little things like talking about our problems, getting regular exercise, drinking less alcohol and being involved in activities we enjoy can make a big difference to how we feel. Find the little things that work for you at yourmentalhealth.ie

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HSE EIS SUBMISSION REPORT
Environmental Health Service Consultation Report
*(as a Statutory Consultee (Planning and Development Acts 2001,
& Regs made thereunder).*

Report to: E.P.A.

Type of consultation: EIS **Scoping** **Screening (constraints)**
Other (please specify) _____

Planning Authority: Wicklow County Council

Reference Number: 16/574

Applicant: Roadstone Limited

Proposed Development:

The proposal is for restoration of the former quarry, which will comprise backfilling using imported inert soil and stones from construction and development sites and a small volume of existing stockpiled soil held in-situ. Minor quantities of aggregate will also be imported for use in the construction of temporary haul roads across the site during backfilling.

The proposed restoration scheme provides for

- (i) Use of approximately 3,280,000 tonnes (1,820,000m³) of imported inert natural materials, principally excess soil, stones and/or broken rock to restore a large existing quarry by backfilling it to former ground level;
- (ii) Construction of temporary site infrastructure including, site office and staff welfare facilities, weighbridge, wheelwash, hardstand areas, fuel storage facilities, waste inspection and quarantine area and storage sheds;
- (iii) Separation of any construction and demolition waste (principally concrete, metal, timber, PVC pipes and plastic) unintentionally imported to site prior to removal off-site to licensed waste disposal or recovery facilities;
- (iv) Temporary stockpiling of topsoil pending re-use as cover material for final restoration of the site;
- (v) Restoration of the backfilled void (including placement of cover soils and seeding) and establishment of a heathland / grassland habitat similar to that which existed prior to quarrying;
- (vi) Environmental monitoring of noise, dust, surface water and groundwater for the duration of the site restoration works and for a short period thereafter.

1. General Introduction

This report only comments on Environmental Health (EH) Impacts of the proposed development as outlined in this EIS and the adequacy of the

EIS from an EH viewpoint. We have made observations and submissions on the following specific EH areas;

Air Quality
Noise
Water quality
Public Health

- 2. Assessment of Principle & Description of the Project: Satisfactory**
- 3. Assessment of Later Consents Required: (IPPC, Waste, Seveso etc) Satisfactory**
- 4. Assessment of Public Consultation & Non Technical Summary: Satisfactory**
- 5. Assessment of Consideration of Alternatives: Satisfactory**
- 6. Assessment of Description of Physical Environment: Satisfactory**
- 7.**

Air Quality

Dust suppression measures as outlined, are adequate. However if proposed dust monitoring using Bergerhoff method, show exceedance of the standard of 350mg/m² (Environmental Management Guidelines for Environmental Management in the Extractive Industry) (EPA), static sprinkler systems should be provided on site, to ensure no nuisance caused to neighbours.

Noise

Monitoring data shows a high background level (45-64dBA) rendering the standards for noise emission in the above guidance, inoperable. Noise prediction assessments indicate minimal increase and natural attenuation on site is highlighted. Noise monitoring to be carried out during proposed operations. Any increase in ambient noise should trigger further noise attenuation measures, to ensure no nuisance caused to neighbours.

Water Quality

It is not clear if water discharge and de watering of the quarry will be carried out subject to the original discharge licence issued by Wicklow County Council (27.WW.378) as amended by An Bord Pleanala (ref WP2 87 2/12/09) or subject to any waste licence which may be issued by the EPA.

- Order issued by An Bord Pleanala requires installation, and calibration of p H and suspended solids meters on settlement ponds. Application (EIS chapter 2 2.75) states intention to not retain these on site.

- There is no information regarding the size of the settlement ponds, retention time or rate of pumping.

Public Health

New staff facilities to be constructed using existing septic tank and percolation area. Further information required on:

- capacity of septic tank
- proposed loading
- integrity of percolation area
- distance from proposed wells
- proposed water supply to staff facilities.

8. Assessment of Interaction Of The Above Impacts: Satisfactory

9. Assessment of Environment and Health submissions

None received

10. Conclusions

The Environmental Health section of the HSE feel that further information should be requested from the applicant in respect of

- proposed water discharge (see above)
- proposed sewerage treatment and water supply (see above)

Should the waste license be granted, It is also our recommendation that:

- 1. All proposed dust suppression measures and monitoring (EIS chapter 8) be incorporated into conditions of any license**
- 2. That the activity be conditioned not to cause dust nuisance to any surrounding residents.**
- 3. All proposed noise attenuation measures and monitoring (EIS chapter 9) be incorporated into conditions of license**
- 4. That the activity be conditioned not to cause noise nuisance to any surrounding residents**
- 5. The provisions regarding quarantine of suspect loads (EIS Chapter 5) be incorporated into conditions of the license.**
- 6. That the hours of operation be 07.00 to 18.00 Mon to Friday
08.00 to 14.00 Sat and not at all on Sunday and Bank Holidays**

*** All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to Ms Niamh McGrath Principal Environmental Health Officer, HSE Health Centre, Glenside Road, Wicklow Town**

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