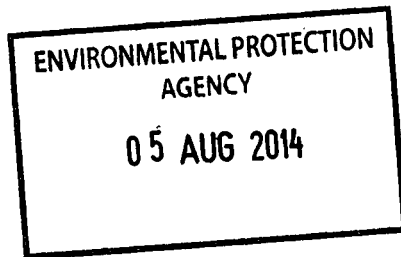




Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive



Submission No. 3
Environmental Health
Health Service Executive
First Floor, Unit 4 & 5
Newus Building
Blanchardstown Corporate Park
Dublin 15

Tel: (01) 897 6140
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Enquiries to: Noel Donnelly
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Date: 31st July 2014

Ms. Noeleen Keavey,
Programme Officer,
Office of Climate, Licensing & Resource Use,
Environmental Protection Agency,
Headquarters, PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

Re: Waste Licence Application: Milverton Waste Recovery Facility

Class and Nature of Activity: R.5
Type of Facility: Soil Recovery
Applicant: Roadstone Ltd.
Location of Facility: Milverton Waste Recovery Facility,
Skerries, Co. Dublin

Ref. No: W0272-01 **EHIS Ref: 0189**

Please find enclosed the HSE consultation report in relation to the above proposal.

If you have any queries regarding this report, the initial contact is Mr. Noel Donnelly, Principal Environmental Health Officer who will refer your query to the appropriate person.

The following HSE departments were made aware of the consultation request for the above application on 27th June 2014:

- Emergency Planning
- Estates
- Assistant National Director for Health Protection
- RDPI

The EH service response to the proposal is in the attached consultation report.

- The assessment is based on an assessment of documentation submitted to this office on 27th June 2014 by the EPA

- A site visit was conducted on 1st August 2014
 - Noise monitoring was carried out at the site on 1st August 2014
 - Environmental Health were not included at the Screening / Scoping stage of this application
 - All commitments to future actions including mitigation and further testing have been taken as read and all data results have been accepted as accurate.
 - This report refers only to those sections of the documents which are relevant to the HSE.
 - The EH service reviewed the EIS in detail under the following headings:
 - Hydrology & Hydrogeology
 - Climate & Air Quality
 - Noise & Vibration
- Other areas of the EIS were reviewed in less detail.
- We have made observations under the following specific areas
 - Hydrology & Hydrogeology
 - Climate & Air Quality
 - Noise & Vibration

All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to Mr. Noel Donnelly, Principal Environmental Health Officer..

Yours Sincerely


Principal Environmental Health Officer



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Environmental Health
Health Service Executive
First Floor, Unit 4 & 5
Nexus Building
Blanchardstown Corporate Park
Dublin 15

ENVIRONMENTAL PROTECTION
AGENCY

05 AUG 2014

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31st July 2014

Ms. Noeleen Keavey,
Programme Officer,
Office of Climate, Licensing & Resource Use,
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Re: Waste Licence Application: Milverton Waste Recovery Facility

Class and Nature of Activity: R.5
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Location of Facility: Milverton Waste Recovery Facility,
Skerries, Co. Dublin

Ref. No: W0272-01

EHIS Ref: 0189

I refer to a waste licence application for a soil recovery facility belonging to the above named applicant. The application, EIS and associated documentation were submitted to the EPA on the 20th June 2014.

The following are observations made whilst reviewing the said application, EIS and associated documentation.

PRINCIPAL ELEMENTS

The proposed quarry restoration scheme at Milverton, Skerries, Co. Dublin provides for:

- Use of imported natural materials, principally excess inert soil, stones and/or broken rock excavated on construction sites, to backfill and restore a large existing void created by previous extraction of limestone bedrock;
- Separation of any non-inert construction and demolition waste (principally metal, timber, PVC pipes and plastic) unintentionally imported to site and its removal off-site to authorised waste disposal or recovery facilities;
- Temporary stockpiling of topsoil and subsoil pending re-use as cover material for phased restoration of the site;

- Phased restoration of the backfilled void (including placement of cover soils and seeding) and return to use as agricultural grassland; and
- Environmental monitoring of noise, dust, surface water and groundwater for the duration of the site restoration works.

The existing void will only be infilled using inert soil materials imported from pre-approved external construction sites. Soil stockpiled in existing mounds around the quarry will also be used to backfill the quarry void. No peat, contaminated soils, construction and demolition waste or non-hazardous waste will be accepted at the proposed recovery facility. Any non-inert construction and demolition waste will be removed off-site.

HYDROLOGY & HYDROGEOLOGY

Three **groundwater** monitoring wells were installed across Roadstone's landholding at Milverton in late 2008. At the present time, it is envisaged that groundwater sampling and testing will be undertaken on a bi-annual basis at the three groundwater monitoring wells. Groundwater levels will also be recorded on a bi-annual basis. Groundwater samples will be tested for a wide range of physical and chemical parameters in order to assess water quality and detect possible contamination at the site.

It is envisaged that the former groundwater sampling and monitoring regime will be reinstated at the proposed waste recovery facility for the duration of the quarry backfilling and restoration activities and for a short period thereafter.

Surface water sampling and testing will be undertaken on a bi-annual basis at any temporary surface water features located across the application site. Sampling will also be taken at the existing upstream abstraction and downstream discharge points along the Mill Stream which runs beyond the northern site boundary. Surface water samples will be tested for a wide range of physical and chemical parameters in order to assess water quality and detect possible contamination at the site.

It is envisaged that the surface water monitoring regime will remain in place for the duration of the quarry backfilling and restoration works and for a short period thereafter.

The EH service considers the EIS addresses the above adequately and therefore have no comments to make.

CLIMATE & AIR QUALITY

Up to the time operations were suspended in summer 2008, dust emissions associated with quarrying and concrete production activities within Roadstone's landholding were monitored on a quarterly basis using Bergerhoff dust gauges at two locations close to the site boundary. These gauges were located close to emission sources within the landholding and were deemed to represent an upper bound on dust emission levels from site activities.

It is envisaged that the two former dust monitoring stations will be reinstated and that one additional monitoring station will be established. These will be monitored for the duration of the site restoration activities and for a short duration thereafter.

The EH service considers the EIS addresses the above adequately and therefore have no comments to make.

NOISE & VIBRATION

Up to the time operations were suspended in summer 2008, noise emissions associated with quarrying and concrete production activities within Roadstone's landholding were monitored on a quarterly basis at two locations close to the site boundary

It is envisaged that the former noise monitoring regime will be reinstated for the duration of backfilling activities and for a short period thereafter. In addition, another noise monitoring station will be established along the western site boundary, close to an existing residential property.

During a site visit by the EH service on 1st August 2014, noise monitoring was carried out at one of the aforementioned noise sensitive locations in order to validate monitoring carried out by the applicant in June 2014. EH service monitoring results were in line with those reported in the EIS.

The EH service considers the EIS addresses the above adequately and therefore have no comments to make.

All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to Mr. Noel Donnelly, Principal Environmental Health Officer

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