



### Submission

Submitter:	Mr. Declan Hamilton
Submission Title:	received online
Submission Reference No.:	S005311
Submission Received:	04 February 2019

### Application

Applicant:	Roadstone Limited
Reg. No.:	W0299-01

See below for Submission details.

Attachments are displayed on the following page(s).

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Feidhmeannacht na Seirbhíse Sláinte  
Health Service Executive



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Environmental Protection Agency  
PO BOX 3000, Johnstown Castle  
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**Date:**

1<sup>st</sup> February 2019

**Re: Application for:**

**Class and Nature of Activity:**

Waste Licence Application

**Applicant:**

Roadstone, Garryhesta, Ovens, Co. Cork

**Location of Facility:**

**Planning Registration No.: WO299-01**

To Whom it May Concern,

I refer to the above planning application for the proposed development at Garryhesta, Ovens, Co. Cork

The following HSE departments were made aware of the consultation request for proposed development on the site:

- Emergency Planning
- Health Protection
- Estates
- RDO

We have examined the application and visited the proposed site.

Please find a report enclosed.

Yours sincerely

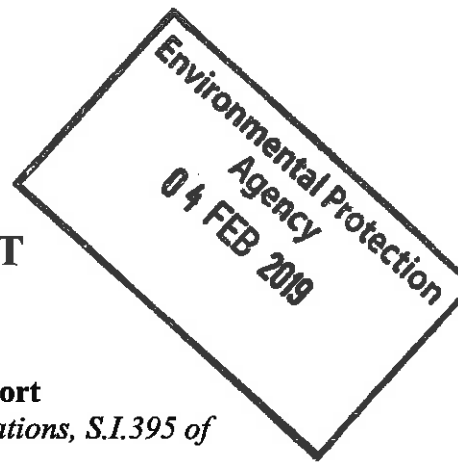


Sheila P Curran

A/Principal Environmental Health Officer

**All correspondence of any queries with regard to this report including acknowledgement of this report should be forwarded to Mr. Declan Hamilton Principal Environmental Health Officer, Health Service Executive, Impact Building, Fr. Mathew Quay, Cork.**

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**HSE EIAR SUBMISSION REPORT**  
**Environmental Protection Agency**  
**Roadstone Ltd.**

**Environmental Health Service Consultation Report**  
*(as a Statutory Consultee (Waste Management (Licensing Regulations, S.I.395 of 2004, as amended).*

Type of consultation: EIAR  Scoping  Screening (constraints)  Other  
(please specify) \_\_\_\_\_

Reference Number: WO299-01

Applicant: The Environmental Protection Agency

Proposed Development: The operation of soil recovery facility (SRF) on lands at Garryhesta Pit, Knockanemore, Ovens, Co. Cork.

The following HSE departments were made aware of the consultation request for the proposed development on 11<sup>th</sup> January 2019.

- Emergency Planning,
- Health Protection,
- Estates and
- RDO

We have examined the above Environmental Impact Assessment Report (EIAR) and visited the proposed site. A site visit took place on the 18<sup>th</sup> January 2019.

The development was granted planning permission by Cork County Council on 9<sup>th</sup> January 2019.

The following are our observations which we recommend you consider in determining this process:

**1. General Introduction**

This report only comments on Environmental Health (EH) Impacts of the proposed development as outlined in this EIAR and the adequacy of the EIAR from an EH viewpoint. We have made observations and submissions on the following specific EH areas eg (Dust, Water/Hydrology/Hydrogeology, Noise and Vibration, Population and Human Health, Pest Control).

**2. Assessment of Principle & Description of the Project:**

The proposed Soil Recovery Facility (SRF) will utilise the permitted quarry infrastructure including internal roads, site office and other ancillaries. The site is will of comprise of c.7.9 ha.

### **3. The following headings have been considered in the Environmental Impacts**

- Dust
- Water /Hydrology/hydrogeology
- Noise and Vibration
- Population and Human Health
- Pest Control

#### **4. Dust**

One of the main potential sources of emissions from an inert SRF is dust associated with movement, handling and placement of materials. Other possible emissions to the atmosphere are from machinery exhaust fumes, and possible emissions to surface and/or groundwater in the event of fuel or oil spillage.

The impacts of any dust deposition from the operations will be direct, of short duration, temporary and largely confined to the site area.

An environmental monitoring programme is already in place at the quarry for the monitoring of dust in compliance with planning permission (QR196/11798 & PL04.225332).

#### **5. Water/Hydrology/Geology**

The proposed site is located in a valley where the River Bride meanders and the River Lee Catchment. There will be no direct impacts on the River Bride or the River Lee.

Only 1 no. private well was identified during the well survey and this is a farm which is located approximately 280m to the west of the site. This farm well is located upgradient of the site. It is therefore assumed in the EIAR that there will be no impact on this well.

Risks to groundwater on site relate primarily to the use and storage of hydrocarbon liquids. The mitigation proposed in the EIAR includes infilling only been undertaken when the groundwater level is at or below the base of the pit. Ponding will also be avoided.

The impact of accidental spillages are dealt with in the EIAR, by providing mitigative measures including providing hard stands with drainage to oil interceptors.

#### **6. Noise & Vibration**

The main source of noise and vibration will be from the movement of trucks on internal haul roads, the tipping of material, placing and grading of material. The principal noise sources at the application site will be intermittent noise generated by movement of a bulldozer and trucks on and off site.

However, Condition 32 of planning permission (QR19 06/1178 PL04.225332) for the site requires that the noise levels from within the site measured at noise sensitive locations in the vicinity, shall not exceed and  $L_{Aeq}$  value of 55 dB(A) during the period 0800 hours to 1800 hours from Monday to Friday (inclusive) and 0800 hours to 1600 hours on Saturdays and an  $L_{Aeq,15mins}$  value of 45 dB(A) at any

other time. Due diligence is placed with the applicant to put in place a number of mitigation measures to not exceed and contravene this condition.

#### **7. Population and Human Health**

There are 10 residences within 250m and 19 within 500m of the proposed SRF. None of these abut the proposed site. There are also 10-20 commercial addresses within 1km including a pub, restaurant and numerous farms.

Dust, noise and water are the major environmental factors that could negatively impact these receptors. However, as the site is part of an existing sand and gravel pit which has been previously worked and if the appropriate mitigation measures are put in place the negative impacts are not envisaged to be significant.

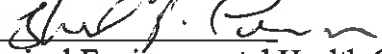
#### **8. Pest Control**

The only material imported into the facility is inert soil and stone and dredging spoil waste, and not domestic or municipal waste, the potential of attracting large numbers of birds and vermin is very low. It is considered that there will be no need for any specific controls

#### **9. Conclusions**

The EH service has no concerns in principle to this of development.

Yours Sincerely

  
Principal Environmental Health Officer

All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to Mr. Declan Hamilton, Principal Environmental Health Officer, Health Service Executive, Impact Building, Fr. Matthews Quay, Cork