



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

Sub or.
Environmental Health Service
Community Care Services
Co. Clinic
Navan
Co. Meath

Telephone: 046 9021595 / 9078811
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EPA Headquarters
PO Box 3000
Johnstown Castle Estate
Co Wexford

Date: 14th May 2012

Re: Waste Licence Review W0167-03
Applicant: Indaver Ireland Ltd
Location of Facility: Carranstown, Duleek, Co. Meath

Proposed Development:

Indaver Ireland Ltd have applied to the Environmental Protection Agency (EPA) for a review of their existing Waste Licence W0167-02 to include the following proposed amendments to the facility, as follows:

- 20,000 tonnes (10%) increase in annual throughput,
- Inclusion of additional EWC Codes (hazardous and non hazardous),
- Amendment of waste acceptance hours:

| Current | Proposed | Period |
|-------------|-------------|---------|
| 08:00-18:30 | 06:00:20:00 | Mon-Fri |
| 08:00-14:00 | 06:00:14:00 | Sat |

- Unrestricted hours for the dispatch of residues from the site,
- Future additional capacity ammonia storage tank and fuel oil tank,
- Convert hardcore area for contractor parking during construction to permanent status,
- Conversion from temporary to permanent status of two structures,
- Effluent treatment plant,
- Paved roadway leading to office block,
- 22 additional paved car parking spaces added to existing car park.

To Whom It May Concern,

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

If you have any queries regarding this report, the initial contact is, Mr. Tom Maguire, A/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 proposed development on the 25th April 2012.

Emergency Planning

RDO's Office

A/Director of Health Protection

HSE Estates

Environmental Health Report:

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

- The assessment is based (solely) on an assessment of documentation submitted to this office on the 25th April 2012.
- A site visit was carried out on the 9th May 2012 by Environmental Health Officers, Ms. Sinéad McNally and Ms. Sinéad Healy. A student Environmental Health Officer also accompanied on site.
- The main contact persons on site were:
 - Ms. Grace McCormack, Quality and Environmental Manager
 - Ms. Jane Hennessy, Communications Manager
 - Mr. Bart Verlinden, Plant Manager
- Environmental Health were not included in the 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.
- No additional investigations/measurements were undertaken.
- This report refers only to those sections of the documents which are relevant to the HSE.

All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to:

Mr. Tom Maguire, A/Principal Environmental Health Officer
HSE Dublin North East
Co Clinic
Navan
Co Meath

Yours sincerely,



Tom Maguire
A/Principal Environmental Health Officer

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

Report to: Mr Tom Maguire, A/PEHO
HSE Dublin North East
Environmental Health Service
Co Clinic
Navan
Co Meath

Type of consultation: Waste Licence Review

Reference Number: W0167-03

Applicant: Indaver Ireland Ltd

Location of Facility: Carranstown
Duleek
Co. Meath

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- 22 additional paved car parking spaces added to existing car park.

Application Summary: The above Waste Licence review documentation was referred to the Meath Environmental Health Service on the 25th April 2012.

It is not proposed to change the process at the facility.

The facility is not a Seveso site.

The entire process at the facility is carried out within an enclosed building.

Extensive public consultation has taken place in relation to the facility inclusive of the proposed amendments.

Site Visit: A site visit was undertaken on the 9th May 2012. The main contact persons on site were:

- Ms. Grace McCormack, Quality and Environmental Manager
- Ms. Jane Hennessy, Communications Manager
- Mr. Bart Verlinden, Plant Manager

During the site visit we reviewed relevant documentation submitted with the proposal, in addition to Indaver Ireland Ltd complaints, pest and odour control policies and procedures. Weekly site assessments are undertaken by the Operations Manager to monitor issues such as litter, odour. An external pest control company is contracted at the site.

Vehicle movement on site at the time of our visit was minimal.

Environmental Health: This office is concerned primarily with highlighting issues of public health/environmental health concern. Our files indicate that this office has received no complaints in relation to this facility. Consultation with Mr. Andrew Sulley, Senior Environmental Health Officer took place on the 4th May 2012.

In this regard, relevant documentation and accompanying data have been reviewed under the following headings:

Emissions to Air:

To emissions to air are encompassed under the current Waste Licence W0167-02 and are regulated by Directive 2000/76 EC on the Incineration of Waste. Indaver Ireland Ltd monitor stack gas for Dioxin levels on a fortnightly basis and Dioxin level results are reported below threshold limit value of 0.1ng/Nm³ TEQ.

Dust emissions associated with the proposal have been deemed negligible. There was no evidence of dust deposition at the environs of the facility during the course of our site visit.

Odour:

The process building is fitted with a negative air pressure system to control fugitive odour emissions. However, a faint odour was evident outside of the tipping hall at the time of our visit. The doors to this area were observed to be open.

Noise Emissions:

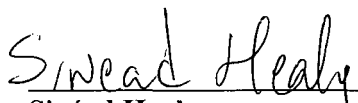
There was no discernable noise outside of the process building at the time of our visit. Noise monitoring is carried out as per the current EPA Waste Licence W0067-02 conditions. The EIS takes into account the cumulative effect of noise from the near by cement factory and associated quarry.

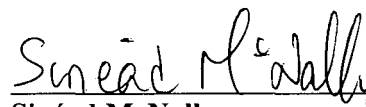
Observations:

Having regard to the WHO Guidelines on "Night Noise Guidelines for Europe", this Department has concerns that the proposal to extend the hours of operation and to have no restrictions on hours of dispatch, would have an adverse effect on night time noise levels on the densely populated 5 main haul routes, which are listed within the EIS documentation:

- (i) From Drogheda via the R152,
- (ii) From Louth and Monaghan via the M1 and R152;
- (iii) From Navan and surrounds via the R153 through Kentstown, across the N2 and then via the R150 through Duleek to join the R152,
- (iv) From Ashbourne via the N2 and R152 from Kilmoon Cross,
- (v) From east Meath via the R150 through Julianstown.

We recommend that the hours of operation and dispatch restrictions remain unchanged.


Sinéad Healy
Environmental Health Officer


Sinéad McNally
Environmental Health Officer

*** All correspondence or any queries with regard to this report including acknowledgement of this report should be forwarded to: Mr. Tom Maguire, A/PEHO, HSE Dublin North East, Co Clinic, Navan, Co Meath.**