



**OFFICE OF
LICENSING &
GUIDANCE**

**REPORT OF THE TECHNICAL COMMITTEE ON
OBJECTIONS TO LICENCE CONDITIONS**

TO:	Directors	
FROM:	Technical Committee	- LICENSING UNIT
DATE:	08/02/05	
RE:	Objection to Proposed Decision for Dundalk Town Council, Waste Reg: 34-2	

Application Details	
Type of facility:	Integrated Waste Management Facility
Class(s) of activity(P = principal activity):	3 rd Schedule: 11, 12, 13 4 th Schedule: 2(P), 3, 4, 10, 11 and 13 <i>Note: The review will result in changes to 3rd Schedule activities carried out at the facility: Classes 1 and 4 will be deleted, while Classes 11 and 12 will be included. The 4th Schedule activities remain the same as existing licence.</i>
Location of activity:	Newry Road, Dundalk, Co. Louth (Grid Ref: J3054E, 3084N)
Licence application received:	14/05/04
PD issued:	03/11/04
First party objection received:	30/11/04
Third Party Objection received	None
Submissions on Objections received:	N/A

Company

The application relates to the review of the existing waste licence (Reg. No. 34-1) for Dundalk Landfill, Newry Road, Dundalk (issued 20th April 2001). The licence review relates to the restoration of the landfill and the operation of a Civic Waste Facility (CWF) and Material Recovery Facility (MRF). The landfill ceased accepting waste for disposal on site in October 2002, as notified to the Agency on 15th April 2003.

Only one submission was received in relation to the application and this was considered by the Board at PD stage.

Consideration of the Objection

The Technical Committee, comprising of Patrick Byrne (Chair) and Stuart Huskisson, has considered all of the issues raised in the objections and this report details the Committee's comments and recommendations following the examination of the objections together with discussions with the inspector, Aoife Loughnane, who also provided comments on the points raised.

This report considers the first party objection.

First Party Objection

The objection has been formulated to reflect the concerns of Dundalk Town Council in relation to a number of conditions in the proposed decision. The applicant raised seven points in their objection.

A.1. Condition 1.2

The applicant identifies that the area of land outlined in red on Drawing No. 5429.21/01 Site Location Map as referred to in condition 1.2 includes the monitoring boreholes. The land adjacent to Harvey's Grain Store is not owned by Dundalk Town Council. The site boundary has not changed since the original waste licence application, the applicant provides a site drawing (Drawing 5429.21/01A) which shows the correct site boundary.

Technical Committee's Evaluation: The TC accept that the site boundary referred to in the PD included lands not owned by the applicant, therefore condition 1.2 should be amended to refer to the site drawing as referred to in the original Waste Licence Reg. No. 34-1.

Recommendation: Condition 1.2 should be amended to read as follows:

For the purposes of this licence, the facility is the area of land outlined in red on Drawing No. **4606.01/B2A "Site Plan" of the application, Register No. 34-1.** Any reference in this licence to "facility" shall mean the area thus outlined in red.

A.2. Condition 3.1.1 (The applicant quotes the text from Condition 3.11.2)

The applicant states that as part of the upgrading of the Civic Waste facility (CWF) two integrally Bunded Polyethelene Oil tanks for the placement of oil by the public and the storage of same prior to collection were installed to replace the existing 2500 litre double skinned oil tank. This installation was agreed with the Office of Environmental Enforcement (OEE).

Technical Committee's Evaluation: The PD does not include a condition 3.1.1, therefore it is assumed that the objection refers to condition 3.11.2, the text of which is quoted in the applicants objection. Condition 3.11.2, which requires tank and drum storage areas to be impervious to the materials stored therein and to be as a minimum bunded either locally or remotely to specified volumes is a standard condition in all licences issued by the Agency. The OEE approved the use of two integrally bunded polyethelene oil tanks subject to compliance

with condition 4.13 of Waste Licence Reg. no. 34-1 (letter reference No. 34-1/GEN10MG). Condition 4.13.2 of Licence Reg. No. 34-1, which is a sub-condition under 4.13 is the same as condition 3.11.2 of the PD. Therefore condition 3.11.2 of the PD does not require anything beyond the requirements of Waste Licence Reg. No. 34-1 in relation to tank and drum storage areas.

Recommendation: No change.

A.3. Condition 5.1

The applicant notes that the wood shredder will also be located and operated outside the waste recovery building and therefore the condition in the final licence should include for this.

Technical Committee's Evaluation: Condition 5.1 specifies that all processes shall be carried out inside the existing or the proposed waste recovery building, excluding the composting of biodegradable waste and green waste and the recovery of C & D waste. The applicant proposed in Waste Licence Reg. No. 34-2 application review to locate and operate the wood shredder outside the waste recovery building. The applicant failed to provide details in relation to the operation of the wood shredder/chipper, operation of the wood chipper/shredder has the potential to cause noise and dust emissions and therefore the Agency included condition 5.4.2.2 in the PD. Condition 5.4.2.2 of the PD requires the licensee to submit a proposal to the Agency for its agreement on the tonnages and type of wood to be shredded, a prediction of noise and dust emissions associated with the operation of a wood chipper on site, and arising abatement infrastructure, including a report with recommendations on the outlets for the shredded wood as a recovered product. Therefore the applicant must provide the above details and agree them with the Agency prior to installation of the wood chipper/shredder. Condition 5.1 should be amended to allow for the shredding of wood outside the existing or proposed waste recovery building subject to the prior written agreement of the Agency.

Recommendation: Condition 5.1 should be amended to read as follows:

All waste processing shall be carried out inside either the existing or the proposed waste recovery building, excluding (i) the composting of biodegradable waste and green waste, and (ii) recovery of C&D waste. **Operation of the wood chipper/shredder outside the existing or proposed waste recovery building shall be subject to the prior agreement of the Agency.**

A.4. Condition 5.3.1

The applicant states that as the facility will be dealing with dry mixed recyclables the floors of the buildings will be swept clean and not washed down. It is requested that the condition be changed to reflect this.

Technical Committee's Evaluation: Condition 5.3.1 requires the floor of the waste processing building to be washed down and cleared of all waste at the end of the working day and the floors of the storage bays shall be washed down and cleaned on each occasion such bays are emptied. The TC acknowledge that the waste is dry mixed recyclables and also notes that the quantities processed through the facility are limited to 20,000 tonnes per annum. The TC considered that it would be appropriate to remove the need to wash down the floors at the end of each working day. However regular washing would help to reduce build up of wastes which may cause odours, therefore it is proposed to amend the condition to require at least weekly washing of the floors. The condition should be amended to require that the floors are cleared and swept clean of all waste at the end of the working day.

Recommendation: Condition 5.3.1 should be amended to read as follows:

The floor of the waste processing building shall be cleared of all waste **and swept clean** at the end of the working day **and washed down at least weekly**. The floor of the storage bays for recovered wastes shall be washed down and cleaned on each occasion such bays are emptied.

A.5. Conditions 5.6.4 and 5.6.5

The applicant states that due to the high rate of recycling only a small percentage of waste is going to disposal and therefore it is impractical to remove waste every 24 hour period from the compactor. Waste for disposal is contained in a sealed waste compactor unit. Based on current tonnages the compactor unit would require emptying every four days. It is requested that the frequency be changed to avoid requiring a 35 mile round journey to landfill every day.

Technical Committee's Evaluation: The TC acknowledges this difficulty, in terms of logistics and costs of removing all municipal waste within 24 hours, or in the case of waste deposited on a Saturday within 48 hours. However the TC are conscious that storage of municipal waste on site for prolonged periods may cause odour nuisance. The TC consider that given the small throughput of municipal waste the condition can be amended to provide for the holding of municipal waste on-site for up to 96 hours within a sealed waste compactor unit, however where odours are identified the waste removal frequency shall be increased.

Recommendation: Condition 5.6.4 and 5.6.5 should be amended to read as follows:

At the end of the working day the floor of the Civic Waste Facility **and** the hopper shall be cleared of waste.

All municipal waste accepted at the Civic Waste Facility for disposal off-site shall be removed within **96 hours**. **Municipal waste held on-site shall be stored in a sealed waste compactor unit. Where odours are identified the licensee shall increase the frequency of municipal waste removal.**

A.6. Condition 6.5.1

The applicant states that Dundalk Landfill was developed as an unlined site, and an extensive monitoring programme has been carried out to assess the impact of the landfill on the underlying groundwater. In addition a Groundwater Flow and Contaminant Transport model has been developed for the site to assess various scenarios for the management of leachate at the landfill. It is recognised that leachate will continue to enter the groundwater below the site. It is considered that condition 6.5.1 is not considered appropriate for the Landfill.

Technical Committee's Evaluation: The TC accept the applicants objection that condition 6.5.1 is not appropriate in relation to the landfill, however the TC consider that the condition does apply to the operation of the CWF. Therefore the condition should be amended to accommodate the landfill and also to control the CWF.

Recommendation: Condition 6.5.1 should be amended to read as follows:

There shall be no direct emissions to groundwater **from the Civic Waste Facility (CWF).**

A.7. Conditions 7.4.2

The applicant states that the provision of an odour management system will be unnecessary due to the type of wastes currently handled at the facility (dry mixed recyclables). In the event that composting is undertaken at the facility under condition 3.19 of the PD then an odour management system will be installed prior to such activity. Air and odour monitoring will be undertaken as per Schedule D of the licence in the event that composting is undertaken at the facility. The applicant requests that the timescale be removed from this condition.

Technical Committee's Evaluation: Condition 7.4.2 of the PD requires the licensee to install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility. The TC consider that this requirement is justified and a necessary condition to include for a facility which accepts mixed recyclable waste and some municipal waste. The condition then specifies under three sub conditions what measures must as a minimum be included.

The first sub-condition requires that all doors in the waste processing building shall be kept closed where possible. The TC considers that this requirement is an appropriate requirement and that the licensee should comply with the requirement.

The second and third sub-conditions were included specifically in relation to the composting facility and associated air handling and abatement system. There is no requirement for an air handling unit and abatement system to be installed at the waste recovery building. Condition 3.19(c) points (ii) and (iii) are the same as the sub-conditions included under condition 7.4.2, therefore the TC is satisfied that these two sub-conditions can be deleted from condition 7.4.2.

Recommendation: Condition 7.4.2 should be amended to read as follows:

Within three months of the date of grant of this licence, the licensee shall install and provide adequate measures for the control of odours and dust emissions, including fugitive dust emissions, from the facility. **As a minimum the licensee shall ensure** all doors in the waste processing building shall be kept closed where possible.

Overall Recommendation

It is recommended that the Board of the Agency grant a licence to the applicant

- (i) for the reasons outlined in the proposed decision and
- (ii) subject to the conditions and reasons for same in the Proposed Decision,
and
- (iii) subject to the amendments proposed in this report.

Signed

Patrick Byrne

for and on behalf of the Technical Committee