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**LICENSING &
RESOURCE USE**

**INSPECTOR'S REPORT ON A TECHNICAL AMENDMENT TO
A WASTE LICENCE**

TO:	Laura Burke
FROM:	Aoife Loughnane
DATE:	4 th January 2010
RE:	Request for Technical Amendment of Waste Licence Register W0208-01, Oxigen Environmental Limited, Ballymount Industrial Estate, Ballymount Road Lower, Clondalkin, Dublin 22.

Introduction

Oxigen Environmental Limited has requested a technical amendment to Waste Licence Reg. W0208-01 in order to alter the waste types accepted at their non-hazardous materials recovery facility and hazardous waste transfer station at Ballymount Industrial Estate, Clondalkin, Dublin 22. This memo recommends that the changes cannot be accommodated by a technical amendment, and would be more appropriately dealt with under a licence review.

Background

Waste Licence Reg. No. W0208-01 was granted to Oxigen Environmental Limited on 7th March 2006 for the operation of a non-hazardous materials recovery facility and hazardous waste transfer station. The maximum quantity of waste to be accepted at the facility was 350,000 tonnes per annum consisting of dry recyclables (household, commercial and industrial), industrial sludges, C&D waste and hazardous (including healthcare) waste. A technical amendment of the licence was issued on 21st May 2008 in order to reduce the site boundary and waste quantities (reduced by 100,000 tonnes to 250,000 tpa), following the transfer of six acres of the original eighteen-acre site to Dublin City Council, who now operate their part of the site under a separate licence (Reg. No. W0238-01).

Reason for Technical Amendment Request

Oxigen have requested the following changes to the waste types in *Schedule A: Limitations of Licence Reg. No. W0208-01*:

From	To
Household (Dry Recyclables)	Household
Commercial (Dry Recyclables)	Commercial
Industrial (Dry Recyclables)	Industrial

Oxigen wishes to engage in pre-treatment of mixed municipal waste in either a purpose-built building at the rear of the facility (subject to planning approval) or in a segregated section of the existing dry-recyclables building. Either way, Oxigen state that the building will house a negative air pressure system to mitigate against odour emissions. Oxigen propose the addition of the following condition in the licence:

"Installation of an odour management system on waste processing buildings to include a negative aid pressure system."

Oxigen propose to submit a full Specified Engineering Works (SEW) proposal to the Agency prior to any work commencing. This SEW would include:

- Full specification for the negative air pressure system, which will be similar to that in Oxigen's facility at Robinhood Industrial Estate (Waste Licence Reg. No. W0152-03).
- Detailed specifications of the proposed plant and equipment for the pre-treatment of MSW. This will include, as a minimum;
 - Screens to remove the organic fraction for composting,
 - Magnet to remove the ferrous metals,
 - Eddy-current separator to remove any aluminium, and
 - Air separator to remove the light fraction for RDF (refuse derived fuel).

Oxigen state that their pre-treatment proposal will remove between 40% and 50% of the incoming MSW for recycling. All wastes delivered to the facility will continue to be accepted and handled in accordance with the conditions of Waste Licence Reg. W0208-01.

Assessment of Technical Amendment Request

The OEE has confirmed that that the requested changes cannot be accommodated under the current licence. The OEE has also advised the OCLR of recent complaints received regarding odour and fly nuisance arising from the waste activities at this facility.

The proposal involves:

- (i) Change of waste types acceptable for recovery/disposal (however no change in total quantity of waste acceptance and no change in authorised classes of waste activities under the Third and Fourth Schedules of the Waste Management Acts 1996 to 2008);
- (ii) Installation of new processing plant;
- (iii) Installation of new abatement equipment; and
- (iv) A new major emission point to air from the air extraction & abatement system.

Overall, it is considered that the proposal would result in a significant new emission from the facility, which would need to be assessed having regard to Section 40(4) of the Waste Management Acts 1996 to 2008. The odour, dust and noise emissions associated with the proposed activity would need to be assessed in combination with the impacts considered under the original licence application. The assessment of odour emissions may require odour modelling, as was the case for the licensee's facility at Robinhood Industrial Estate.

Recommendation

It is recommended that the requested change should not be accommodated by means of a Technical Amendment, and would be more appropriately dealt with under a licence review.



Aoife Loughnane
Inspector
Office of Climate, Licensing & Resource Use