

 <p>Environmental Protection Agency An Ghníomhaireacht um Chaomhúil Comhshaoil</p>	OFI LICENSING & RESOURCE USE
ENVIRONMENTAL LICENSING PROGRAMME	
To:	Dara Lynott Director
From:	Michael Owens - LICENSING UNIT
Date:	16 th August 2012
RE:	Technical Amendment to Waste Licence for Carneige JW & Co Limited, Dillonsdown, Blessington, Co. Wicklow. (Licence Register No. W0080-01).

Introduction

In 2006, a Directive on the management of waste from extractive industries was made¹. The Directive has been implemented in Ireland by the Waste Management (Management of Waste from the Extractive Industries) Regulations, 2009 (S.I. No. 566 of 2009). The Extractive Waste Directive and Regulations deal with the management of extractive waste and waste facilities used for the deposit of extractive waste from extractive activities.

Carneige JW & Co. Ltd operates an inert landfill in a large worked out sand and gravel pit (currently in operation), in the townland of Dillonsdown, Co. Wicklow for the disposal of construction, demolition and quarrying wastes. The site lies in a rural area approximately 2 km north of Blessington village.

The licensee also operates a quarry at the facility (i.e. within the licence boundary) where aggregates (mostly sand and gravel) are extracted, cleaned and sorted. The quarry generates and manages extractive wastes and therefore falls within the remit of the Regulations.

Technical Amendment

It is necessary to bring the licence into compliance with the relevant provisions of the Regulations. I propose to carry out a technical amendment of the IPPC licence as follows:

(i) Glossary

The Directive and Regulations define 'extractive waste' and 'waste facility'. It is proposed to insert new definitions for 'extractive waste' and 'waste facility' which are taken from the Extractive Waste Regulations.

¹ Directive 2006/21/EC of the European Parliament and of the Council of 15 March 2006 on the management of waste from extractive industries and amending Directive 2004/35/EC.

(ii) Extractive Waste Management Plan

Insert a new condition 5.11 into the licence to address the requirement to develop and maintain an Extractive Waste Management Plan. The condition will read as follows:

5.11 Extractive Waste Management

The licensee shall draw up a Waste Management Plan (to be known as an Extractive Waste Management Plan) for the minimisation, treatment, recovery and disposal of extractive waste. This Plan shall meet the requirements of regulation 5 of the Waste Management (Management of Waste from the Extractive Industries) Regulations, 2009. The Plan shall be submitted for agreement by the Agency by the 1st November 2012. The Plan shall be reviewed at least once every five years thereafter in a manner agreeable to the Agency and amended in the event of substantial changes to the operation of a waste facility or to the waste deposited. Any amendments shall be notified to the Agency.

All extractive waste shall be managed in accordance with the Extractive Waste Management Plan. A report on the implementation of the Extractive Waste Management Plan shall be provided in the AER.

(iii) Waste Facility

Extractive waste may accumulate as a heap or mound at the installation. Where the heap or mound exists for a period of time greater than 3 years the heap or mound must then be regarded as a waste facility as defined in the Extractive Waste Regulations. Settlement ponds for sand and gravel washing operations are also waste facilities.

It is proposed to insert a new condition 5.12 to include the necessary controls on waste facilities. The condition will read as follows:

5.12 Waste Facility

- (i) No new waste facility may be developed or an existing waste facility modified unless agreed by the Agency.*
- (ii) The licensee shall ensure that all existing waste facilities are managed and maintained to ensure their physical stability and to prevent pollution or contamination of soil, air, surface water or groundwater.*
- (iii) The licensee shall ensure that all new waste facilities are constructed, managed and maintained to ensure their physical stability and to prevent pollution or contamination of soil, air, surface water or groundwater.*
- (iv) Operational measures shall be continuously employed to prevent damage to waste facilities from personnel, plant or equipment.*
- (v) The licensee shall establish and maintain a system for regular monitoring and inspection of the waste facilities.*
- (vi) All records of monitoring and inspection of waste facilities, as required under the licence, shall be maintained on-site in order to ensure the appropriate handover of information in the event of a change of operator or relevant personnel.*

(iv) Excavation voids

The Directive requires that certain controls be placed on situations where extractive waste is placed in excavation voids (i.e. the exhausted quarry void). It is proposed to insert a new condition 5.13 to address such activities. The condition will read as follows:

5.13 Excavation Voids

5.13.1

Unless otherwise agreed by the Agency, only extractive waste shall be placed in excavation voids.

5.13.2

When placing extractive waste into excavation voids for rehabilitation and construction purposes, the licensee shall, in accordance with regulation 10 of the Waste Management (Management of Waste from the Extractive Industries) Regulations, 2009, and the Extractive Waste Management Plan:

- (i) Secure the stability of the waste.*
- (ii) Put in place measures to prevent pollution of soil, surface water and ground water.*
- (iii) Carry out monitoring of the extractive waste and excavation void.*

Recommendation

For the reasons outlined above I recommend that the Agency agree to a Technical Amendment of the Carneige JW & Co Limited Waste Licence (Reg. No. W0080-01) under Section 42B(1)(c) of the Waste Management Acts 1996 to 2011

Signed



Michael Owens

Inspector

Office of Licensing, Climate and Resource Use