

## Attachment L.1 – Details of Landfill Site

<b>Organization Name:*</b>	<b>Organization</b>	Knockharley Landfill Limited
<b>Application I.D.:</b> *		LA004307

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## **1 Introduction**

Knockharley Landfill Ltd (KLL) operates the its non-hazardous residual waste landfill at Knockharley under an Industrial Emissions (IE) Licence (W0146-02) issued by the Environmental Protection Agency (Agency) that authorises the acceptance for disposal of 175,000 tonnes of non-hazardous waste, including residual household, commercial and industrial, construction/demolition wastes and incinerator bottom ash (IBA).

KLL proposes to increase the annual waste disposal rate to 440,000 tonnes, which will require raising the final profile from 74 m Ordnance Datum (OD) to 85 m OD; accept stable non-reactive hazardous waste (SNRHW); construct and operate a biological treatment plant for non-stabilised organic fines; provide an IBA storage facility where recovery trials will be carried out, install a leachate treatment plant and facilitate future contingency storage for residual municipal solid waste (MSW) and baled recyclables.

## **2 Site Location and Selection Procedures**

The site was selected in the 1990s following a comprehensive assessment of alternative locations in County Meath.

## **3. Geology& Hydrogeology**

The geology and hydrogeology in the vicinity of the facility are described in Sections 2.3 and 2.4 of the Operational Report, which is forms Attachment 4.8.1 of the application, with more details in Chapter 11 of Vol. 2 of the EIAR.

## **4. Operational Plan**

Refer to Operational Report.

## **5. Containment, Gas and Leachate Management**

### *5.1 Containment*

Refer to Sections 3.2 and 3.8 of the Operational Report.

### *5.2 Groundwater Management*

Refer to Section 3.13 of the Operational Report.

### *5.3 Leachate Management*

Refer to Sections 3.8.4, 3.9.4, 3.11, 4.85, 4.95, 4.10.5 and 4.11 of the Operational Report.

### *5.3 Surface Water Management*

Refer to Sections 2.4 and 3.12 of the Operational Report.

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#### 5.4 *Landfill Gas Management*

Refer to Sections 3.8.5, 3.9.5, 4.8.6 and 4.9.4 of the Operational Report.

### **6. Post-Closure Care**

The landfill area is progressively restored in accordance with a detailed Restoration and Aftercare Plan (RAP) prepared in compliance with Condition 4.1 (W0146-02). The financial provision or the closure, restoration and aftercare management of the existing installation has been agreed with the Agency. The RAP will be revised and updated and submitted to the Agency for its approval prior to the commencement of the new waste activities.

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