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Forward Waste Management Limited
East Moors Waste Transfer Station
East Moors Road, Cardiff

Environmental Permit Application
Non-Technical Summary
SLR Ref: 407.05789.00001/NTS

December 2015



forward

Reducing waste in every way

NON TECHNICAL SUMMARY

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Referenced Drawings

- Drawing 01 Site Location Plan**
- Drawing 02 Site Layout**
- Drawing 03 Sources, Pathways and Receptors**
- Drawing 04 Cultural and Natural Heritage**

1.0 INTRODUCTION

Forward Waste Management Limited has retained SLR Consulting Limited to prepare a Bespoke Environmental Permit Application for their East Moors Waste Transfer Facility in Cardiff, under the Environmental Permitting (England and Wales) 2010 Regulations and subsequent amendments.

Natural Resources Wales (NRW) application forms require a Non Technical Summary to be submitted with each new application which includes the following:

- an explanation of exactly what is being applied for;
- a summary of the regulated facilities; and
- a summary of the key technical standards and control measures arising from the risk assessment.

1.1 The Site

The site is located via Ocean Way off East Moors Road within an Industrial Estate to the east of Atlantic Wharf and to the south east of Cardiff city centre.

The national grid reference for the site is ST 19610 75714 and the site location is illustrated on Drawing 01 dated October 2015.

The nearest residential properties are located 360m to the north east of the Environmental Permit boundary. The site is otherwise bounded by industrial and commercial premises and East Moor Road, from which the site is accessed, adjacent to the west of the permit boundary.

2.0 PROPOSED ACTIVITIES

It is proposed that a maximum of 10,000 tonnes per annum of waste will be accepted on site. Waste will be brought into site, deposited and stored within the designated receiving bay within the purpose built building, bulked up and loaded into larger haulage containers for forward movement to appropriately permitted waste facilities. No processing or treatment of any kind is proposed at the site.

2.1 Specified Waste Management Activities

The activities that will be carried out at the site as defined under Annexes I and II of the Waste Framework Directive 2008 can be summarised as follows:

- **D15:** Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced); and
- **R13:** Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where the waste is produced).

2.2 Waste Types

It is proposed a single hazardous waste type will be accepted on site:

- 11 01 09* Sludges and filter cakes containing dangerous substances

3.0 ASSESSMENT

3.1 Site Condition Report

A site condition report (SCR) has been prepared as part of this application to establish the baseline environmental conditions within the proposed Environmental Permit boundary. The SCR has been prepared in accordance with Environment Agency (EA) guidance H5 (version 2), August 2008.

The facility will operate with due regard to the conditions of the environmental permit and all relevant environmental legislation to ensure that the operations undertaken at the site do not pose a significant risk to the surrounding human and natural environment.

The Site Condition Report (reference 407.05789.00001/SCR) is enclosed as Section 5 of this Environmental Permit Application.

3.2 H1 Environmental Risk Assessment (H1)

A H1 environmental risk assessment has been carried out to assess the environmental risk posed by the proposed development.

Operational procedures at the site have been developed to monitor and manage amenity risks from the proposed activities and include provision for amenity monitoring eg. for litter, odour and noise. The impact of the proposed development on surrounding human and environmental receptors is set out in the H1 assessment and the receptors illustrated on Drawings 03 and 04 dated October 2015.

Subject to the implementation of management measures, the conclusion has been reached that the proposed activities are unlikely to result in a significant accident risk or risk to the amenity of the local environment.

The H1 Environmental Risk Assessment (reference 407.05789.00001/H1) is enclosed as Section 4 of this Environmental Permit application.

3.3 Operating Techniques Document

The site will be operated in accordance with the operating techniques document which details the following;

- management;
- site operations;
- emissions and monitoring; and
- information.

Operational management procedures will ensure that:

- the risks that the activities pose to the environment are identified;
- the measures that are required to minimise the risks are identified;
- the activities are managed in accordance with the management system and operating techniques document;
- performance against the management system is audited at regular intervals; and
- the environmental permit is complied with.

The mitigation measures are outlined in the operating techniques document and in the H1 assessment.

In summary, the rules and operating procedures employed at the site will ensure the following:

- the site building used for the storage of waste will be provided with impermeable concrete surfacing;
- any tanks or containers used for the storage of any liquid fuel oil or other potentially polluting liquids shall at all times be labelled as to its contents, and will be fit for purpose;
- dust suppression measures will be in place at all operational areas if required to minimise the emissions of dust;
- vehicles and plant will be appropriately maintained to ensure that the operation of the site will not give rise to unacceptable noise or vibration levels; and
- the Site Manager will ensure that regular amenity inspections (eg. for litter, odour and noise) are made of the site, its Environmental Permit boundary and site access.

The Operating Techniques document (reference 407.05789.00001/OT) is enclosed as Section 6 of this Environmental Permit application.

4.0 CONCLUSION

The overall conclusion from the studies undertaken as part of this application is that there is unlikely to be a significant environmental impact as a result of the proposed activities at the waste transfer station facility.

Forward Waste Management Ltd is fully committed to ensuring the highest standards are met and will undertake its activities in a manner consistent with best industrial practices and in accordance with the company's environmental management system.

5.0 CLOSURE

This report has been prepared by SLR Consulting Limited with all reasonable skill, care and diligence, and taking account of the manpower and resources devoted to it by agreement with the client. Information reported herein is based on the interpretation of data collected and has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of Forward Waste Management Limited; no warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the client and others in respect of any matters outside the agreed scope of the work.