



Permit Application Non-Technical Summary (NTS) for

KCM Waste Management Ltd

Wash Plant And Recovery Facility at land off Aldwarke Lane, Rotherham S65 3SR

Document NTS1 V01

Licensed Waste Management and Recycling Facility - Scrap Metal Merchants - Skip Hire - Trade Waste
Aggregates & Tipper Hire - Hazardous Waste Disposal - Confidential Waste Disposal - WEEE Disposal

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1. Introduction

This document provides the non-technical summary for an environmental permit application by KCM Waste Management Ltd for their Wash Plant and Recovery Facility at Land off Aldwarke Lane Rotherham S65 3SR

A waste permit is required for the operations at the site. This application seeks a bespoke permit for the operation of a Wash Plant and Recovery Facility to accept, store and treat non-hazardous construction and demolition waste.

2. Environmental Setting

The site is located at land off Aldwarke Lane in Rotherham next to Liberty Steel. Access to the site is from Aldwarke lane and Liberty Steels security gate. The location of the site entrance is approximately 2.5 miles to the northeast of Rotherham town centre as marked by the blue star on the attached Site Location Plan, grid reference SK 4517995879. The immediate surrounding areas are predominantly heavy industrial land with liberty steels on either side as well as major rail networks. There are no known SSSI's in the vicinity of the site. The superficial geology of the Don Catchment Region underlying the whole site, comprises of mudstone, sandstone, sand and gravel deposits. The areas where processing and washing takes place will be on an impermeable concrete surface and is bunded around the whole area. The surface area drainage system is a closed loop system, feeding back to the Water Wash Treatment System where it will be recycled and used within the system. There is no drainage leaving the site.

3. Waste Acceptance and Processing

The site accepts construction and demolition wastes from household, commercial and industrial feeds. All the waste arriving on site is weighed. The total maximum amount of waste accepted at the site shall not exceed 450,000 tonnes per annum. The throughput of the site will be limited to a maximum of 250 tonnes per day with the maximum amount of waste material stored on site being 150,000 tonnes. Pre-acceptance procedures are in place to ensure that only waste that may be accepted under the environmental permit is directed to the site. All waste delivered to the site will be checked by a suitably trained operative to ensure that only permitted waste is accepted. Any loads containing non-permitted waste will be rejected from the site.

When material has been accepted as fit for processing on site the driver is instructed to off load at one of the storage/process areas depending on the nature of the load. All storage bays are constructed of concrete and are on an impermeable surface.

There will be an element of crushing oversized hardcore to get the material to a size that can be processed by our wash plant. The wash plant will be fed via a 360 excavator. The inert materials will go through a series of processes including washing, screening and separation.

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The end goal is to turn the inert waste material into graded aggregates, sands and soil products.

4. Environmental Protection and Control Measures

All waste transfer and treatment will take place on an impermeable pavement with a closed loop drainage system.

Waste material stored on site awaiting removal will all be located on impermeable surfaces with closed loop drainage system.

Virgin excavated material (with approved analysis) awaiting processing will be stored on hardstanding surface.

The site will be monitored by all staff with daily inspections by the technically competent manager or site manager.

Site staff will all be made familiar with the terms of the permit, Environment Management System and other management documents and what to do should issues arise.

All waste will be treated on a first in first treated basis to minimise storage times and prevent the build-up of waste on site

Dust, litter and odour checks will be carried out daily as part of the TCM daily checks.

Spillage procedures including spillage kits are in place and monitored as part of the TCM daily checks.

There are no open surface water, sewer or combined drains leaving the site. The site will not discharge water of any kind.

5. Maintenance

The risk of unplanned breakdowns is minimised through the implementation of preventative and active maintenance being carried out. Preventative maintenance is in place on all plant and equipment, including daily defect checks, regular service. All plant and equipment maintenance are scheduled so that regular repairs can take place. This helps to ensure that plant and equipment are functioning correctly and potential faults are identified before they result in malfunction.

6. Environmental Management System

KCM Waste Management Ltd have an appropriate Environmental Management System (EMS) in place and will operate the site in accordance with the system. The sites EMS is supported with the ISO 14001 Accreditation. KCM Waste Management Ltd will have ultimate control over site operations, maintenance, staff competence and training, prevention of accidents, organisation, document management and records.

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7. Site Location Plan



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