



# Waste Acceptance Procedure

Mead Construction (Cambridge) Ltd



*Helping clients prosper through compliance*

## SITE DETAILS

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Great Wilbraham  
Cambridgeshire  
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## APPLICATION REFERENCE

TBC

## DOCUMENT REFERENCE

K311.2~09~012

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## ISSUE DATE

15/04/2024



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## DOCUMENT CONTROL

<b>DOCUMENT TITLE:</b>	Waste Acceptance Procedure
<b>REFERENCE:</b>	K311.2~09~012
<b>CLIENT:</b>	Mead Construction (Cambridge) Ltd
<b>REPORTED BY:</b>	Wiser Environment Limited
<b>STATUS:</b>	Final
<b>ISSUE:</b>	F1
<b>ISSUE DATE:</b>	15/04/2024
<b>AUTHOR:</b>	Wiser Environment Limited
<b>APPROVED BY:</b>	

## REVISION HISTORY

REFERENCE	DATE	ISSUE:	REVISION SUMMARY
K311.2~09~012	21/03/2024	D1	For client review.
K311.2~09~012	15/04/2024	F1	Final amendments from client. Final Version Issued

## QUALITY CONTROL

ACTION	DATE	NAME
Prepared	23/01/2023	Sarah Perry
Checked	28/02/2024	Graeme Outridge
Approved	15/04/2024	Sarah Perry

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## 1. INTRODUCTION

This document is the Waste Acceptance Procedure (WAP) for Wilbraham Quarry Wet and Dry Recycling Facility operated by Mead Construction (Cambridge) Ltd. This facility accepts non-hazardous construction, demolition and extractive wastes and processes these through crushing, screening and soil washing to recover sand and other inert aggregates.

Screened fractions are primarily recovered or re-used elsewhere and tested to demonstrate compliance with the *Quality Protocol: Aggregates from inert waste*<sup>1</sup>. Any resultant fines from the soil washing process are fully characterised before being deposited at the neighbouring Wilbraham Quarry Inert Landfill (EPR/JB3404FG) which is permitted to accept 99,499 tonnes per year of inert wastes.

The site is located south of the village of Great Wilbraham, Cambridgeshire. The site is located at TL 5657 5462.

The application and procedure have been prepared by Wiser Environment Limited on behalf of Mead Construction (Cambridge) Ltd.

This WAP sets out the evidence required from the waste producer to confirm waste matches the description, the measures to be taken to check for contamination and the relevant waste acceptance criteria. The WAP should be read by the Site Manager/Technically Competent Manager, site staff, contractors working on site, and the Environment Agency (EA).

### 1.1. Scope

This document covers Waste Acceptance Procedures for the Wet/Dry Recycling Activity (crushing, screening and soil washing of wastes) at the Wilbraham Quarry Site:

**Note** the existing landfill (permitted separately) at Wilbraham Quarry has its own waste acceptance procedure.

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<sup>1</sup> <https://www.gov.uk/government/publications/quality-protocol-production-of-aggregates-from-inert-waste>

## 2. WASTE ACCEPTANCE

### 2.1. Waste Pre-Acceptance

The waste arriving at the Wet and Dry Recycling activity will be considered inert in nature and will be subjected to the following steps before being accepted on to the site.

Prior to waste being accepted the site, a Waste Information Form (WIF) form will be completed. Information from the producer will be gained on the following:

- Expected total quantity of waste.
- Frequency of delivery
- Brownfield or greenfield source origin
- Previous use of the site
- List of Waste code (EWC)
- For larger soil excavation jobs, site investigation data
- Unique Reference Number.

The above assists in characterising the waste under basic characterisation. Further data will also be collected at this stage from the producer, as explained in Section 2.1.

Only pre-arranged deliveries with the required documentation will be accepted at the site. Generally, haulage is completed by Mead Construction (Cambridge) Ltd.'s own vehicles so deliveries are well controlled.

### 2.2. Waste Classification and Characterisation of Incoming Waste

Prior to waste being accepted at the facility, the Technically Competent Manager (TCM) or nominated alternative, must request sufficient information from the waste producer to ensure the waste is appropriately classified and characterised in line with the Environment Agency's '*Guidance on the classification and assessment of waste (1<sup>st</sup> edition, 2015) Technical Guidance WM3*'.

As outlined above, at the initial pre-acceptance stage the site representative must request:

- Details on the origin of the waste (i.e greenfield construction site, waste management facility).
- What process has given rise to the waste.
- The description of the waste
- List of Waste code
- Have wastes been tested in accordance with WM3 and results/ interpretation available?

The TCM or nominated person must check the **producer** has classified the waste correctly. The sample results and accompanying interpretation(s) must be verified to ensure that wastes are classified as non-hazardous.

Records of waste classification and assessment will be kept and made available upon request to demonstrate that the above-described assessment procedures have been followed.

### 3. PERMITTED WASTE TYPES AND TEST REQUIREMENTS

Table 1 covers the waste types that are accepted at the facility, along with an indicator of testing requirements for the recycling facility.

**Table 1: Waste Acceptance Testing for Recycling**

Permitted Activity	List of Waste code	Description	Requires further assessment under WM3	Restrictions
Recycling	01 01 02	Wastes from mineral non-metalliferous excavation.	✓	
Recycling	01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 07	✓	
Recycling	01 04 09	Waste sand and clays	✗ AN	
Recycling	01 04 09	Waste sand and clays	✗ AN	
Recycling	01 04 12	Tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11.	✓	
Recycling	01 05 04	Freshwater Drilling Muds and Wastes	✗ AN	Only accepted if it is appropriate moisture content
Recycling	10 01 01	Bottom ash and slag only	✗ AN	Non organic wastes only
Recycling	10 01 02	Pulverised fuel ash only	✗ AN	
Recycling	10 01 15	Bottom ash and slag only from co-incineration	X MH	

Permitted Activity	List of Waste code	Description	Requires further assessment under WM3	Restrictions
		other than those mentioned in 10 01 14		
Recycling	10 11 12	Clean glass other than those mentioned in 10 11 11	✓	
Recycling	10 12 08	Waste ceramics, bricks and tiles and construction products after thermal processing	✗ AN	
Recycling	10 13 14	Waste concrete only	✗ AN	
Recycling	15 01 07	Clean glass only	✗ AN	
Recycling	17 01 01	Concrete	✓	
Recycling	17 01 02	Bricks	✓	
Recycling	17 01 03	Tiles and ceramics	✓	
Recycling	17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	✓	
Recycling	17 02 02	Clean glass only	✓	
Recycling	17 03 02	Road base and road plainings (other than those containing coal tar) only	✓	

Permitted Activity	List of Waste code	Description	Requires further assessment under WM3	Restrictions
Recycling	17 05 04	Soil and stones other than those mentioned in 17 05 03	✓	
Recycling	17 05 06	Dredging spoil other than those mentioned in 17 05 05	✓	
Recycling	17 05 08	Track ballast other than those mentioned in 17 05 07	✓	
Recycling	17 09 04	Mixed construction and demolition waste other than those containing hazardous substances.	✓	
Recycling	19 08 02	Washed sewage grit (waste from desanding) free from sewage contamination only	✓	Washed sewage grit only
Recycling	19 08 99	Stone filter media if free from sewage contamination	✓	Washed stone filter media only
Recycling	19 12 05	Clean glass only	✗ AN	
Recycling	19 12 09	Minerals	✗ AN	
Recycling	19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	✓	Non-biodegradable wastes only

Permitted Activity	List of Waste code	Description	Requires further assessment under WM3	Restrictions
Recycling	19 13 02	Solid wastes from soil remediation other than those mentioned in 19 13 01	✓	
Recycling	20 01 02	Clean glass only	× AN	
Recycling	20 02 02	Soil and stones	× AN	

**Note:** MH- Mirror Non-hazardous, AN- Absolute Non-hazardous.

### 3.1. Waste Confirmation

Providing the waste meets the following criteria using the steps above, it will be accepted on site:

- Is classified as non-hazardous under WM3.
- All WIF forms are complete, and EWC codes are agreed.
- Waste Transfer Documentation is complete to the correct standard.

### 3.2. Waste Booking

Providing that the TCM or nominated alternative is satisfied that the waste producer has classified, characterised, and coded the waste correctly, waste may be permitted to be deposited at the facility. Following this, a unique booking reference number is issued to the customer.

### 3.3. Waste Collection

On collection of the wastes, the driver will be informed of the waste data from the WIF form. The waste receives visual and olfactory inspections prior to loading. The EWC code is checked by the driver and then added to the Waste Transfer Note.

## 4. WASTE ACCEPTANCE AND DELIVERY

### 4.1. Load Arrival

On arrival the site, all loads are directed to the weighbridge/site office and have the weight/volume recorded and to hand in all Duty of Care paperwork and unique reference number.

The Waste Transfer Note will be reviewed to ensure that it meets legal requirements, and all information previously provided by the producer, dealer or broker is consistent with the information provided at the pre-acceptance stages.

The load must have been pre-booked and cleared as acceptable by the TCM or nominated alternative before being permitted to site.

The load will then be directed towards the recycling activity. Accurate records shall be maintained and the wastes have are accepted into the wet and dry recycling activity.

The load will receive a visual check either prior to tipping where possible, or directly after tipping to ensure it contains only conforming waste as described in waste transfer note and pre-acceptance information.

### 4.2. Unacceptable loads and Quarantine Area

If the TCM or nominated alternative considers the load to contain contamination, such as organic materials, plastics or wood, or is not as described on the waste transfer note or pre-acceptance information, the load will be rejected. The TCM may choose to visit the site of origin to confirm that it is the waste expected.

If wastes are tipped and are found unsuitable or contaminated on visual inspection it will be quarantined and removed to a suitably permitted facility as soon as possible. Further sampling may also take place when the waste is in quarantine to determine whether it is acceptable for the recycling activity.

### 4.3. Procedure for Contaminated Loads

It is possible that small amounts of incidental contamination may be contained within tipped loads that are only seen once the load has been tipped. Typical incidental contamination may consist of wood, plastics, or small amounts of organic material (i.e grass).

In the event **small amounts of incidental contamination** being found, the following procedure should be followed:

- Small amounts of contamination can be removed by hand or machine where safe to do so.

- Contamination must be placed in the appropriate container on site for disposal at a suitably permitted site.

In the event of **gross contamination**, that cannot be removed easily or quickly using the methods described above, the following steps should be followed:

- If the load is visually contaminated on arrival, it must be rejected.
- Where possible, material should be re-loaded on to the delivery vehicle.
- If it cannot be reloaded, it must be quarantined and disposed of at a suitably permitted facility.
- The TCM or Site Manager must be informed of the contamination so that follow up can occur with the producer and/or haulier.

#### **4.4. Acceptable Loads and Unloading**

The machine operator shall supervise the unloading of every load at the wet/dry recycling facility. Visual assessment of the load will be made as it is tipped and during movement of the material.

#### **4.5. Waste Returns**

Waste data will be collected on a daily basis and this will be used to compile quarterly waste returns that are then subsequently sent to the Environment Agency on a quarterly basis. This will include waste types and quantities accepted and removed from the site.

#### **4.6. Records**

Records for the dry and wet recycling activity pertaining to the acceptance of waste, will be retained for the legally required period of 2 years, and records pertaining to quality protocol material will be retained for 2 years as required by the WRAP quality protocol.

#### **4.7. Wastes Produced from the Soil Washing Facility**

Soil washing fines (coded 19 12 12) are unable to be recovered as any usable or recoverable mineral due to their particle size. Therefore, they will be tested prior to disposal. It is planned that each batch is tested to ascertain:

- It has no Hazardous Properties
- Suitable for Inert Landfill

The sampling plan for waste soil washing fines, will be as follows in Section 5.

## 5. LANDFILLED WASTE: SAMPLING PLAN

Representative sampling and analysis of incoming wastes will be undertaken by the producer in line with Section 34 of the Environmental Protection Act 1990, WM3 and Environment Agency Guidance on the *Disposal of Waste to Landfill* (gov.uk) to classify and characterise the waste where they do not fall as *absolute non-hazardous* entry.

Table 4 covers the testing levels for any landfilled waste.

Wastes that are regularly generated and are consistent in nature and from a well-defined process (prior to acceptance at the landfill site) must undergo Level 2 Compliance Testing to check that the original classification and characterisation is still correct. This will be periodically requested from producers of each waste stream.

**Table 2: Testing Responsibilities**

Testing Level	Responsibility	Objective
Level 1: Basic Characterisation	Waste Producer	Full understanding of the waste
Level 2: Compliance with Basic Characterisation	Waste Producer	Periodic sampling to demonstrate the consistency of the original understanding of a regularly generated waste stream (i.e the basic characteristics)
Level 3: On Site- Verification	Landfill Operator	Consistency/ Compliance with basic characterisation and “quick check” of key relevant characteristics where appropriate.

### 5.1. Non-Compliant Waste Samples

Should waste sampling activities demonstrate that the wastes do not meet the Inert WAC criteria or are highly variable in comparison to basic characterisation data, the TCM or

nominated alternative must report this to the waste producer and request that basic characterisation is re-done.

The TCM or nominated alternative will also notify the Environment Agency of any failed samples.

The TCM will also determine whether it is possible to remove the waste from site. Where it is not possible for safety, stability or other operational reasons, efforts will be made to assess the likely impact of the waste remaining in-situ. Records will be retained of this assessment.



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