

## Procedure No. XX Waste Acceptance for Recovery

*Purpose: To ensure that all waste accepted for deposit for recovery is acceptable under the conditions of the Environmental Permit.*

	RESPONSIBLE PERSON	RECORD
<b><u>Environmental Permit and Waste Codes</u></b>		
1. The Environmental Permit will contain a list of waste types that are permitted to be accepted at the Site for deposit of recovery.	All	Appendix X Environmental Permit
2. A table containing the codes and descriptions of waste types that are permitted on the Site for deposit for recovery is included at the end of this procedure, see Table 1 Permitted Waste Types for Deposit for Recovery.		Table 1 Permitted Waste Codes for Recovery
3. If you are unsure whether a load can be accepted, consult this list or the Environmental Permit. Alternatively, contact the Site Manager.	Site Manager	Appendix X Environmental Permit
4. If the waste code on the Waste Transfer Note (WTN) is not listed in Table 1 of this procedure / Environmental Permit, the load must be rejected in accordance with the Waste Rejection Procedure.	Site Operative	Procedure No. X Waste Rejection
<b><u>Waste pre-acceptance</u></b>		
5. Following a customer enquiry, the operator will follow the steps in the 'Pre-Acceptance Flowchart' to determine if the waste is acceptable. Such information could include site investigation reports / laboratory test reports / hazardous waste assessments. This information is recorded on the Waste Information Form and the information reviewed to assess if the waste is acceptable or not.	Site Manager	Form No. X Waste Information
6. A judgement should be made as to the necessity to obtain comprehensive information at this stage. If the source of the waste is not likely to be contaminated, then it may not be necessary to obtain a full site investigation or hazardous waste assessment. If the source of the waste is likely to be contaminated, then a full site investigation and/or a hazardous waste assessment / comparison with Inert WAC limits, should be requested or carried out.	Site Manager	Form No. X Waste Information
7. Review of the information in the Waste Information Form will determine the need for (further) sampling/testing/Hazardous Waste Assessment.	Site Manager	Form No. X Waste Information  Procedure No. X Waste Classification
8. Classification of waste is the responsibility of the waste producer, however, should a Hazardous Waste Assessment Report not be available and is required, the Operator may carry an assessment out to ensure that the waste is classified as non-hazardous or decide not to take the waste.		Procedure No. X Waste Classification
9. The Hazardous Waste Assessment will be completed in accordance with WM3 Guidance and should be completed, in accordance with the Waste Classification Procedure.		
10. All associated Waste Information records will be kept along with Waste Transfer Notes in a secure location. These records will be maintained for a minimum of two years.	Site Manager	Form No. X Waste Information

**RESPONSIBLE  
PERSON**

**RECORD**

Waste Transfer  
Note

11. Further restrictions on the waste to be accepted at this site include the requirement for wastes not only to be non-hazardous but also comply with the requirements of Section 2 of the Council Decision 2003/33/EC.
12. Wastes that may be imported without testing include those on the table below, which are deemed to be compliant with inert waste WAC.

EWC code	Description	Restrictions
17 01 01	Concrete	Selected C&D waste only
17 01 02	Bricks	Selected C&D waste only
17 01 03	Tiles and ceramics	Selected C&D waste only
17 01 07	Mixtures of concrete, bricks, tiles and ceramics	Selected C&D waste only
17 05 04	Soil and stones	Excluding topsoil, peat; excluding soil and stones from contaminated sites
20 02 02	Soils and stones	Only from garden and parks waste; Excluding top soil, peat

13. All waste not included in the above table will require classification as non-hazardous waste and leachate testing to ensure that the wastes comply with the WAC limits for Inert Waste.

Component	L/S 10 l/kg
	mg/kg dry substance
Arsenic	0.5
Barium	20
Cadmium	0.04
Chromium (total)	0.5
Copper	2
Mercury	0.01
Molybdenum	0.5
Nickel	0.4
Lead	0.5
Antimony	0.06
Selenium	0.1
Zinc	4
Chloride	800
Fluoride	10
Sulphate	1000 (*)
Phenol Index	1

**RESPONSIBLE PERSON**      **RECORD**

DOC (**)	500
TDS (***)	4000

(\*) *If the waste does not meet these values for sulphate, it may still be considered as complying with the acceptance criteria if the leaching does not exceed either of the following values: 1 500 mg/l as CO at L/S = 0.1 l/kg and 6 000 mg/kg at L/S = 10 l/kg. It will be necessary to use a percolation test to determine the limit value at L/S = 0.1 l/kg under initial equilibrium conditions, whereas the value at L/S = 10 l/kg maybe determined either by a batch leaching test or by a percolation test under conditions approaching local equilibrium.*

(\*\*) *If the waste does not meet these values for DOC at its own pH value, it may alternatively be tested at L/S = 10 l/kg and a pH between 7.5 and 8.0. The waste maybe considered as complying with the acceptance criteria for DOC, if the result of this determination does not exceed 500 mg/kg. (A draft method based on prEN 14429 is available).*

(\*\*\*) *The values for total dissolved solids (TDS) can be used alternatively to the values for sulphate and chloride*

**All Vehicles**

14. All vehicles carrying waste on the public highway must be registered as waste carriers and a copy of their certificate should be held on file in the Site office. A regular check should be carried out to ensure that registrations are still in date, and where they are found not to be, a copy of the new registration should be obtained immediately.

Site Operative

Waste Carriers License

**Acceptance of Waste onto the Site**

15. Unless a season WTN has been provided, a WTN for every load is obtained from the driver and the WTN is checked to ensure it contains the following:
- Vehicle registration and driver's name and signature.
  - Waste haulier name and valid Waste Carriers registration number.
  - Name, address (of destination site) and signature of the person receiving the waste (transferee).
  - Permit number or exemption reference of person receiving the waste (if applicable).
  - Description of waste including; waste type, waste source, waste containment and waste quantity.
  - List of Waste (LoW) code.
  - SIC Code of the waste holder using SIC Codes (2007).
  - Date and time of waste transfer and waste transfer note number.
  - Confirmation that the Waste Hierarchy has been considered.

Site Operative

Waste Transfer Note

A WTN will be generated if one is not provided by the driver.

16. Loads will be checked to ensure that the load matches the description on the WTN that the correct waste type has been used to categorise the load.

Site Operative

17. Loads not accompanied by a WTN, that do not match the description on the WTN, will be rejected in accordance with the Waste Rejection Procedure once the Site Manager has been informed.

Site Operative

Procedure No. X Waste Rejection

Table 1 Permitted Waste Codes for Recovery

	<b>RESPONSIBLE PERSON</b>	<b>RECORD</b>
18. Every load is visually inspected prior to being off loaded. If there is any doubt about the waste type delivered, then a message is relayed to the Site Manager.	Site Operative	Table 1 Permitted Waste Codes for Recovery
19. After checking the load and the associated paperwork the vehicle is directed to the offloading area for inspection and stockpiling. A Site Operative will inspect tipped loads.	Site Operative	
20. If there is a discrepancy with the load or its paperwork, then the Site Manager shall be informed immediately. If the load is not acceptable under the Environmental Permit, then, if possible, it should be re-loaded onto the vehicle and rejected from Site in accordance with the Waste Rejection Procedure.	Site Operative	Procedure No. X Waste Rejection Procedure

### **Compliance Testing**

21. Compliance testing will be carried out on waste accepted on to the Site. Samples taken from waste piles will be tested at a laboratory to determine the characteristics of the waste and to ensure that the waste is as described on the WTN.	Site Manager	
22. For classification compliance testing, an 'Environmental Suite' should be requested from the laboratory for the sample of waste. The Environmental Suite must contain at least the following parameters: <ul style="list-style-type: none"> <li>• Total Sulphate.</li> <li>• Boron.</li> <li>• Arsenic.</li> <li>• Cadmium.</li> <li>• Metals, including; Chromium III, Chromium VI, Copper, Lead, Mercury, Nickel, Selenium, Zinc.</li> <li>• Acid Soluble Sulphide.</li> <li>• Total Phenols (Monohydric).</li> <li>• Total Cyanide.</li> <li>• pH Value.</li> <li>• PAH (total/speciated).</li> <li>• TPH (total/speciated).</li> <li>• BTEX.</li> <li>• Total Sulphate, Water Soluble Sulphate.</li> </ul>		
23. A Hazardous Waste Assessment, in accordance with WM3 Guidance, will be completed using the testing results received from the laboratory. This Hazardous Waste Assessment will classify the waste as non-hazardous or hazardous.	Site Manager	
24. If a waste sample is found to be hazardous in nature, and or exceeding the WAC limits for Inert Waste, then the corresponding waste pile will be quarantined and removed from the Site in accordance with the Waste Rejection Procedure.		

### **Records - waste coming into Site**

25. A record is kept of all vehicles delivering waste to and from the Site, along with the type, quantity and source of waste delivered.		
26. Waste Transfer Notes will be appropriately stored for a minimum of two years.		Waste Transfer Note

	<b>RESPONSIBLE PERSON</b>	<b>RECORD</b>
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| 27. | Information from the Waste Transfer Notes will be used to provide the necessary information to complete the Waste Return as required by the Environmental Permit. |  |
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**Consequences**

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| 28. | The consequence of not following this procedure may result in unsuitable waste being accepted on to the Site. This may constitute a breach in the conditions of the Environmental Permit, in addition to causing potential contamination of the Site. |  |
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**Table 1: Permitted Waste Types for use of waste in Deposit for Recovery**

<b>Exclusions</b>				
Wastes having any of the following characteristics shall not be accepted:				
<ul style="list-style-type: none"> <li>• Consisting solely or mainly of dusts, powders or loose fibres</li> <li>• Wastes that are in a form which is either sludge or liquid</li> </ul>				
<b>Source</b>	<b>Sub-source</b>	<b>Waste code</b>	<b>Description</b>	<b>Additional restrictions</b>
01 Waste resulting from exploration, mining, quarrying and physical and chemical treatment of minerals	01 01 wastes from mineral excavation	01 01 02	Wastes from mineral non- metalliferous excavation	Restricted to waste overburden and interburden only.
	01 04 wastes from physical and chemical processing of non-metalliferous minerals	01 04 08	Waste gravel and crushed rocks other than those mentioned in 01 04 06	
		01 04 09	Waste sand and clays	
02 Waste from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing	02 04 wastes from sugar processing	02 04 01	Soil from cleaning and washing beet	
10 Wastes from thermal processes	10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products	10 12 08	Waste ceramics, bricks, tiles and construction products (after thermal processing)	
	10 13 waste from manufacture of cement, lime and plaster and articles and products made from them	10 13 14	Waste concrete	
17 Construction and demolition wastes	17 01 concrete, bricks, tiles and ceramics	17 01 01	Concrete	
		17 01 02	Bricks	
		17 01 03	Tiles and ceramics	
		17 01 07	Mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	Metal from reinforced concrete must have been removed.
	17 03 bituminous mixtures	17 03 02	Bituminous mixtures other than	Road planings only.

Source	Sub-source	Waste code	Description	Additional restrictions
			those mentioned in 17 03 01	
	17 05 soil stones and dredging spoil	17 05 04	Soil and stones other than those mentioned in 17 05 03	Restricted to topsoil, peat, subsoil and stones only.
19 Wastes from waste management facilities	19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified	19 12 09	Minerals (for example sand, stones) only	Restricted to wastes from treatment of waste aggregates that are otherwise naturally occurring minerals. Does not include fines from treatment of any non-hazardous waste or gypsum from recovered plasterboard
		19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	Restricted to crushed bricks, tiles, concrete and ceramics and soils from the mechanical treatment of construction / demolition waste. Metal from reinforced concrete must be removed. Does not include gypsum from recovered plasterboard.  Does not include fines from non-hazardous municipal/commercial waste.  Does not include biodegradable fractions.  Does not include ash, or stabilised residues.
20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	20 02 garden and park wastes	20 02 02	Soils and stones	Restricted to topsoil, peat, subsoil and stones only.