

NON-TECHNICAL SUMMARY

Holroyd Aggregates, Stockfield Road, Oldham, OL9 9LL

Holroyd Skip Hire Limited

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1 Introduction

1.1 Note

- 1.1.1 This Non-Technical Summary (NTS) accompanies an application for a Bespoke Permit application which will be operated by Holroyd Skip Hire Limited. The Environmental Permit will be situated at Holroyd Aggregates, Stockfield Road, Oldham, OL9 9LL.

2 Application proposals

2.1 Permit proposals

- 2.1.1 Holroyd Skip Hire Limited (the operator) are applying for a bespoke permit allowing the site to operate as a household, commercial & industrial (HCI) waste transfer station with treatment.

3 Application processes

3.1 Schedule 1 - Operations

3.1.1 The EP is required for the storage prior to removal and treatment of waste.

3.1.2 The proposed operations to be permitted on site for the site are shown below and no more than 75,000 tonnes of waste per annum will be accepted under this activity.:

Table 3.1 – Hazardous Waste Transfer Station Activities

Table S1.1 activities	
Description of activities for waste operations	Limits of activities
R3: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) R4: Recycling/reclamation of metals and metal compounds R5: Recycling/reclamation of other inorganic materials 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) D9: Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 D14: Repackaging prior to submission to any of the operations numbered D1 to 13 D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where the waste is produced)	Treatment consisting only of manual sorting, separation, screening, baling, crushing or compaction of non-hazardous waste into different components for disposal, (no more than 50 tonnes per day) or recovery.

4 Proposed EWC codes

4.1 EWC codes for hazardous waste transfer station

4.1.1 The following EWC codes are proposed to be included on the permit are shown below:

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 01	wastes from mineral excavation
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03	wastes from physical and chemical processing of metalliferous minerals
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 09	red mud from alumina production other than the wastes mentioned in 01 03 07
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 07
01 04 09	waste sand and clays
01 04 11	wastes from potash and rock salt processing other than those mentioned in 01 04 07
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
01 04 13	wastes from stone cutting and sawing other than those mentioned in 01 04 07
02	WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 03	materials unsuitable for consumption or processing
02 03	wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 04	materials unsuitable for consumption or processing
02 04	wastes from sugar processing
02 04 01	soil from cleaning and washing beer
02 04 02	off-specification calcium carbonate
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01	wastes from the washing, cleaning and mechanical reduction of raw materials

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
02 07 02	wastes from sprits distillation
02 07 04	materials unsuitable for consumption or processing
03	WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE PULP, PAPER AND CARDBOARD
03 01	wastes from wood processing and the production of panels and furniture
03 01 01	waste bark and cork
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard
03 03 08	wastes from sorting of paper and cardboard destined for recycling
03 03 10	fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
04	WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES
04 01	wastes from the leather and fur industry
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing Chromium
04 01 09	wastes from dressing and finishing
04 02	wastes from the textile industry
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
06	WASTES FROM INORGANIC CHEMICAL PROCESSES
06 09	wastes from the MFSU of phosphorous chemicals and phosphorus chemical processes
06 09 02	phosphorous slag
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 11	wastes from the manufacture of inorganic pigments and opacifiers
06 11 01	calcium-based reaction wastes from titanium dioxide production
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 13	waste plastic
09	WASTES FROM THE PHOTOGRAPHIC INDUSTRY
09 01	wastes from the photographic industry
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
09 01 12	single-use cameras containing batteries other than those mentioned in 09 01 11
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 01	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
10 01 05	calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07	calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 15	bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 19	was from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 24	sands from fluidised beds

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
10 02	wastes from the iron and steel industry
10 02 01	wastes from the processing of slag
10 02 02	unprocessed slag
10 02 08	solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10	mill scales
10 02 14	sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	other sludges and filter cakes
10 03	wastes from aluminium thermal metallurgy
10 03 02	anode scraps
10 03 05	waste alumina
10 03 16	skimmings other than those mentioned in 10 03 15
10 03 18	carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 24	solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 26	sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	wastes from lead thermal metallurgy
10 04 10	wastes from cooling-water treatment other than those mentioned in 10 04 09
10 05	wastes from zinc thermal metallurgy
10 05 01	slags from primary and secondary production
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 06	wastes from copper thermal metallurgy
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 10	wastes from cooling-water treatment other than those mentioned in 10 06 09
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 01	slags from primary and secondary production
10 07 02	dross and skimmings from primary and secondary production
10 07 03	solid wastes from gas treatment
10 07 05	sludges and filter cakes from gas treatment
10 07 08	wastes from cooling-water treatment other than those mentioned in 10 07 07
10 08	wastes from other non-ferrous thermal metallurgy
10 08 09	other slags
10 08 11	dross and skimmings other than those mentioned in 10 08 10
10 08 13	carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
10 08 14	anode scrap
10 08 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
10 08 20	wastes from cooling-water treatment other than those mentioned in 10 08 19
10 09	wastes from casting of ferrous pieces
10 09 03	furnace slag
10 09 06	casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 08	casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 14	waste binders other than those mentioned in 10 09 13

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 10	wastes from casting of non-ferrous pieces
10 10 03	furnace slag
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 11	wastes from the manufacture of glass and glass products
10 11 03	waste glass-based fibrous materials
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 12	wastes from the manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	wastes preparation mixture before thermal processing
10 12 05	sludges and filter cakes from gas treatment
10 12 06	discarded moulds
10 12 08	waste ceramics, bricks, tiles and construction products (after thermal processing)
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 07	sludges and filter cakes from gas treatment
10 13 10	wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11	wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 13	solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14	waste concrete and concrete sludge
11	WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY
11 01	wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)
11 01 10	sludges and filter cakes other than those mentioned in 11 01 09
11 01 14	degreasing wastes other than those mentioned in 11 01 13
11 02	wastes from non-ferrous hydrometallurgy
11 02 03	wastes from the production of anodes for aqueous electrolytical processes
11 02 06	wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 05	wastes from hot galvanising processes
11 05 01	hard zinc
11 05 02	zinc ash
12	WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS
12 01	wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01 01	ferrous metal filings and turnings

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
12 01 03	non-ferrous metal filings and turnings
12 01 05	plastic shavings and turnings
12 01 13	welding wastes
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	glass packaging
15 01 09	textile packaging
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths, protective clothing other than those mentioned in 15 02 02
16	WASTES NOT OTHERWISE SPECIFIED ON THE LIST
16 01	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres
16 02	wastes from electrical and electronic equipment
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 51
16 03	off-specification batches and unused products
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes other than those containing dangerous substances
16 11 04	other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05
17	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01	concrete, bricks, tiles and ceramics
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 04	metals (including their alloys)
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 08	gypsum-based construction materials
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01	wastes from incineration or pyrolysis of waste
19 01 02	ferrous materials removed from bottom ash
19 01 12	bottom ash and slag other than those mentioned in 19 01 11
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 02	wastes from physico/chemical treatments of wastes (including dechromatation, decyanidation, neutralisation)
19 02 03	premixed wastes only of non-hazardous wastes
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 04	vitrified waste and wastes from vitrification
19 04 01	vitrified waste
19 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 10	wastes from shredding of metal-containing wastes
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal

EUROPEAN WASTE CATALOGUE - COMMISSION DECISION 2000/532/EC	
CODE	WASTE TYPE
19 12 03	non-ferrous metal
19 12 04	plastic and rubber
19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sands, stones)
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
20	MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

5 Documentation and fees

5.1 Application type

5.1.1 The following table sets out the fees required for the application.

Table 5.1 – Base Application Fee Table

EPR Charging Scheme Ref	EPR Charging Scheme Ref & Description	Type of application (Ref)	Fee
1.16.6	Household, commercial and industrial waste transfer station; includes assessment of fire prevention plan and odour management plan	Bespoke Permit	£9,176.00
		TOTAL	£9,176.00

5.2 Documentation

5.2.1 The following table sets out the documentation Holroyd Skip Hire Limited will be submitting with this application which is consistent with the pre-application advice provided by the Environment Agency.

Table 5.2 – Additional Application Fees Table - Charges for plans and assessments

General	Consideration	Document & Ref	Fee
Waste Recovery Plan	N/A	N/A	N/A
Habitats Assessment	N/A	N/A	N/A
Fire Prevention Plan	Mandatory	STO-2985-B	N/A
Dust/Emissions Management Plan	Required due to site operations	STO-2985-F	£1,241
Odour Management Plan	Mandatory	STO-2985-G	N/A
Noise Impact Assessment	Required due to site operations	STO-2985-JA	N/A
Noise & Vibration Management Plan	Required due to site operations	STO-2985-JB	£1,246
Pests Management Plan	Considered unnecessary – refer to Environmental Risk Assessment	N/A	N/A
		TOTAL	£2,487

5.3 Baseline fees

5.3.1 Based on the above table, the total fee payable to the Environment Agency on submission will be **£11,663.00**

5.4 Document references

5.4.1 The table overleaf summarises which parts of the application forms request the above documentation which would normally be completed in Application Form Part F1; Section 6.

Table 5.3 – Application Form Reference Table

Application Form	Question Ref	Document Ref
C2	2b & Table 1	STO-2985-C
C2	3b	STO-2985-H
C2	3d	STO-2985-A
C2	2b	STO-2985-C
C2	5a	STO/2985/01 - STO/2985/04
C2	5b	STO-2985-E
C2	5c	STO-2985-C
C2	5e	STO-2985-B
C2	6	STO-2985-D
C4	3b	STO-2985-F, STO-2985-G, STO-2985-F, STO-2985-JA, STO-2985-F, STO-2985-JB
C4	4a	STO-2985-A & STO-2985-F

6 Waste acceptance and treatment process

6.1 Waste acceptance / gypsum & plasterboard assessment

6.1.1 Waste gypsum when mixed with biodegradable material results in the production of hydrogen sulphide which is a toxic gas so all waste gypsum will be kept separate from all other waste on site. This will be done by applying the following procedures which all staff will undergo refresher training on following issues of this EMS:

- i) All waste transfer notes will be updated advising **no plasterboard is to be deposited in a mixed skip**. All existing and new customers will be told the importance of segregating plasterboard at the place of production due to the above issue.
- ii) The site will only knowingly accept plasterboard in single stream loads and not part of any mixed loads.
- iii) Prior to delivering a skip to a property, the operator will ask the customer if any plasterboard is likely to be present in the load, i.e. what is the nature of the skip. If the customer is a builder or a householder having building works undertaken at their property, the customer will be provided with a separate bag for plasterboard / gypsum waste and a separate transfer note detailing the EWC code for plasterboard which is **17 08 02**.
- iv) The customer will be advised to place the bag of plasterboard on top of the skip or to the side of the skip prior to collection. The operator, when collecting the skip would ensure the bag is sealed and segregated from the mixed skip when loading on to the HGV.
- v) If the customer refuses to segregate the plasterboard from other waste on the place of production, the skip will be subject to a more rigorous sort (shown in the sections below) when delivered to the site and the operator would inform the customer of a penalty charge.
- vi) Once a mixed load of waste is tipped, plasterboard contamination may still be present so the banksman / driver photographs the load before processing. This system is used to prove the presence of contrary items or

misdescription, to enable the sales team to levy additional costs on the customer for their correct handling as shown in point iv above.

6.2 Waste handling, storage and treatment (mixed / sorted HIC wastes)

6.2.1 The waste types to be tipped at the site associated with the above are shown below:

- **EWC code 17 09 04** - Mixed construction, demolition, and excavation (CDE) waste (**tipping area and AREA 1**)
- **EWC code 17 02 01/20 01 38** – Waste wood (**AREA 5**)
- **EWC code 20 03 01** - Mixed municipal (MM) waste (**Tipping area, AREA 1 & AREA 7**)
- **EWC code 20 03 07** - Bulky waste/POPs (**AREA 8**).
- **EWC code 17 08 02** - Plasterboard (**AREA 10**)
- All other EWC codes not mentioned in Section 6.3 will be stored directly in **AREAS 3 – 11** depending on what wastes they are i.e. residual, plastic, scrap metal, paper & cardboard. Any potentially odorous / rejected wastes will be stored in secure containers in AREAS 4 or 10.

6.2.2 All the above wastes will be hand sorted and stored, bulked at the site awaiting removal to a further permitted site for recycling.

6.2.3 In terms of **AREA 1**, the waste following tipping will be subject to the following procedures:

- a) Following initial tipping, the waste is inspected in line with WM3 for signs of any contamination which could render the waste hazardous. Operatives will also be trained to identify pieces of plasterboard/gypsum to ensure they are deposited into the covered plasterboard skip (**AREA 10**) to avoid mixing with other wastes on site (see Section 3.4).
- b) If the site manager or TCM identifies that gypsum/plasterboard is exceeding the relevant container and has potentially been contaminated with other wastes, the waste will undergo a further sort where staff will further pick out the

plasterboard/gypsum. Prior to the contaminated waste leaving the site, a sample will be taken to ensure the levels of sulphate are acceptable.

- c) Once the waste is deemed suitable, the bulkier items of waste i.e. furniture, mattresses will be removed using the mechanical grab into **AREA 8**.
- d) Other items which can be sorted by hand or plant will be taken to one of the storage bays at the site (**AREAS 5, 7, 9 & 11**)
- e) Any hardcore / stone material arising from **AREA 1** will be removed and stored in **AREAS 2 or 12** prior to undergoing screening or crushing, details of which are shown in Section 3.9.

6.3 Waste handling, storage and treatment (CDE wastes)

6.3.1 On site processing using mobile plant is required to produce material to the desired specification for re-sale on the commercial market.

6.3.2 Below shows the procedure of the treatment operations carried out on site, these wastes will be predominantly EWC codes: 01 01 01, 01 01 02, 01 04 08, 01 04 09, 01, 04 13, 02 04 01, 10 11 12, 10 12 08, 10 13 14, 15 01 07, 17 01 01, 17 01 02, 17 01 03, 17 01 07, 17 02 02, 17 03 02, 17 05 04, 17 05 08, 19 12 05, 19 12 09 and 20 02 02.

SCREENER

- a) Waste will be loaded into the feed hopper of the screening plant will be loaded using a 360° tracked excavator or a 4-wheel loading shovel equipped with a bucket. This process will then separate the soil from the stone/hardcore.
- b) The screening plant utilises a vibrating grid with evenly spaced vertical bars to separate out the different fractions within the material. Such screens have interchangeable mesh screens to permit the production of a wide range of product sizes (<3 mm to 20 mm).
- c) Soil will be discharged into two different stockpiles depending on its size via conveyors.

- d) The stone/hardcore material off the front conveyor of the screener should consists of stone/hardcore which will consist of a saleable aggregate. Larger items may then be transferred to the crusher.

CRUSHER

- e) The bulky inert/stone waste will be loaded into the feed hopper of the crusher; this then passes into the crushing chamber which uses hydraulically operated jaws to reduce the size of the material.
- f) Small feed/fines pass through the grid bars/mesh at the base of the crushing chamber and out of the plant via a small side conveyor with a discharge height of approximately 1.5 - 3.0 metres. The larger crushed material falls onto the delivery conveyor which will discharge the material in one of two ways: either onto a conveyor feeding the grid of the mobile screen or onto the ground to form a stockpile.
- g) Before the crushed material exits the delivery conveyor (discharge height of up to 3.0 metres) any extraneous metal is extracted using a permanent overband magnet. If the material requires further grading after crushing the mobile screening plant used will have up to 3 discharge conveyors, forming 3 stockpiles of different product.
- h) Soil will be discharged into a stockpile where it will be bulked and removed off site.
- i) The stone/hardcore material off the screener will be loaded into the feed hopper of the crusher; this then passes into the crushing chamber which uses hydraulically operated jaws to reduce the size of the material.
- j) Small feed/fines pass through the grid bars/mesh at the base of the crushing chamber and out of the plant via a small side conveyor with a discharge height of approximately 1.5 - 3.0 metres. The larger crushed material falls onto the delivery conveyor which will discharge the material in one of two ways: either onto a conveyor feeding the grid of the mobile screen or onto the ground to form a stockpile.

- k) Before the crushed material exits the delivery conveyor (discharge height of up to 4.0 metres) any extraneous metal is extracted using a permanent overband magnet. If the material requires further grading after crushing the mobile screening plant used will have up to 3 discharge conveyors, forming 3 stockpiles of different product.
- l) The stockpiled material which is discharged from the crushing plant will be transferred to the appropriate storage areas by loading shovel.

6.3.3 Stockpiling of soil and inert wastes will be limited to a height of 5m and processed at a ground level. In the event piles have reached these limits, site will not accept any further waste in this area until such wastes have been removed.

6.4 Aggregates protocol

6.4.1 The site processes hardcore and inert material in accordance with an aggregates protocol. All product/aggregates leaving the site will be accompanied with a product note.

6.4.2 To be able to demonstrate compliance with the Aggregates from Inert Waste Quality Protocol, the site will retain all documentation for every load of recycled aggregates sent out of the site and the correct information will be included. If information is missed or documentation not retained then the material will remain a waste and be sent to a suitably permitted site.

6.4.3 The inspection and testing including frequency and methods of tests for finished product shall be detailed and appropriate to the material end use, the quality of input material and the complexity of the waste recovery process. The stockpiles will be sampled and tested in accordance with sections B2.8 and B2.9 of WRAP Aggregate Quality Protocol and may be varied to ensure a controlled process depending on the amount of waste received i.e. daily.

6.4.4 Results of tests are required to meet the customer's specification and will be forwarded upon request. If further tests are required for assessment of suitability for a customer's specific end use, then the results shall also be retained.

6.5 Rejected wastes

6.5.1 Rejected wastes will be deposited in a quarantine skip provided for non-conforming wastes. This will occur when non-conforming waste is discovered after the deposit of a load or where the removal off-site of the waste may cause further problems. The EA will then be contacted to agree a course of action where necessary. The contents of the skip will be recorded in the site diary.

6.6 Waste/product removal and export

6.6.1 When a collection vehicle arrives at the site to remove waste material or product, the driver will be instructed to report to the site office to confirm their identity. All relevant documentation will be completed, and the vehicle will be passed to pick up the load and take it to the designated recycler/disposal site (if the outgoing material has not been fully recovered on site). The product or waste will then be loaded using the loading shovel or 360 excavator.

6.6.2 The operational outputs and residues produced by the site and the disposal or recovery routes envisaged are detailed as follows:

- a) Brick/rubble /hardcore- for crushing to produce 6F5 aggregate or similar product at an aggregates processing site.
- b) Plasterboard/gypsum – sent to a permitted site for further recycling.
- c) Soils, clays – sent to a permitted inert landfill site or wash facility
- d) Metals – metals removed will be taken to a suitably permitted site for further recovery.
- e) Recycled material comprising paper/cardboard, plastic, green waste, wood will be bulked and sent to a permitted site for further treatment

- f) Waste unsuitable for processing comprising residual material will be sent to a suitably permitted site.
- g) Rejected/quarantined waste will be bulked in a skip and removed to suitably permitted site when full or sooner if required.