



# **Allendale Household Waste Recycling Centre**

## **1.2 Operations and Emissions Management Plan**

**November 2024**

## Document Details

<b>Document title</b>	Allendale Household Waste Recycling Centre Operations and Emissions Management Plan
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## Document Review History

Date	Description	Summary of Changes
October 2023	Version 1.0	Original document produced as part of permit variation application
November 2024	Version 2.0	Amendments in response to 'Not Duly Made' notification issued by the Environment Agency

# 1 Introduction

## 1.1 Operational Hours

- 1.1.1 The operational hours of the site are detailed within the Planning Permission and all specified waste management activities will be undertaken within the hours specified including restrictions on hours for loading/unloading and movement of wastes.
- 1.1.2 The site is operational on bank holidays excluding 25<sup>th</sup> December and 1<sup>st</sup> January.

## 1.2 Permitted Activities

- 1.2.1 The site holds an Environmental Permit (permit) with the reference EPR/PP3594ZP. The site is permitted as a household waste recycling centre (HWRC).
- 1.2.2 The waste types permitted to be accepted at the site are detailed in the site environmental permit and comprise non-hazardous and hazardous household waste mainly, WEEE (hazardous and non-hazardous), oils, plasterboard and gas cylinders, directly from members of the public.
- 1.2.3 The maximum permitted annual tonnage of waste accepted at the site shall not exceed 4,999 tonnes.
- 1.2.4 With regard to the Disposal and Recovery operations contained in Annex I and II of the Waste Framework Directive 2008/98/EC, the following ‘D’ and ‘R’ operations are carried out on site:

D9	Physico-chemical treatment not specified elsewhere in Annex IIA which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 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 it is produced)
R3	Recycling/reclamation of organic substances which are not used as solvents
R4	Recycling/reclamation of metals and metal compounds
R5	Recycling/reclamation of other inorganic materials
R13	Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)

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## 2 OPERATIONS

### 2.1 Activities & Processes

2.1.1 The following activities and processes are carried out at the facility:

- Unloading waste
- Manual sorting and separation of waste
- Storing waste
- RORO container exchange
- Loading waste

### 2.2 Waste Acceptance

2.2.1 Waste acceptance, rejection and dispatch procedures are detailed in the Integrated Management System (IMS) Procedure titled 'Duty of Care'. Procedures associated with hazardous waste are detailed in IMS Procedure titled 'Hazardous Waste Administration'.

2.2.2 In addition to the waste acceptance procedures, an evaluation of the incoming waste is undertaken at the point of disposal during deposition by members of the public. Staff will carry out ongoing visual inspections of the wastes on delivery to ensure effective handling and prevention of any potential impact on amenity.

2.2.3 Any non-conforming loads will either be rejected from the site and redirected to an appropriate permitted facility or placed in quarantine prior to removal from site. A record will be made in the Site Diary.

### 2.3 Unloading Waste

2.3.1 All areas of the site which are used by visiting traffic are constructed from impermeable concrete surface so generation of mud on external highways and roads from activities on site is considered to be low risk.

2.3.2 Members of the public access the site in vehicles and are directed to the most appropriate parking area depending on the waste they have with them.

2.3.3 Wastes will normally be placed directly into the relevant labelled containers by the public. Some bulkier items may be moved or placed into containers by site staff.

### 2.4 Waste Storage

2.4.1 Dedicated containers, bins or specific areas within the site will be provided for the separate collection of various waste streams deposited by members of the public in the HWRC. The majority of the waste accepted via the HWRC will have a residence time of 1 - 2 weeks. Some waste types will be stored at the site between a month and 3 months due to the low volume received at the site.

2.4.2 A bunded waste oil storage tank is available on site, for storage of waste engine oil prior to removal from site.

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- 2.4.3 The site does not actively accept hazardous household chemicals. Householders are requested to keep hold of their hazardous chemicals and advised to use the Northumberland Council collection service which is available to assist householder with the correct disposal of chemicals.
  - 2.4.4 Domestic gas cylinders will be placed into and stored upright within a lockable steel cage. The cage will be clearly marked with a “flammable gas” warning sign when cylinders are not being delivered or removed.
  - 2.4.5 Batteries will be stored in battery boxes with close fitting lids that will contain any spillage of acid batteries.
  - 2.4.6 Fluorescent tubes will be stored in a dedicated purpose-built box.
  - 2.4.7 Further details relating to the volume, storage time and storage method of each waste type is provided in the Waste Storage Plan as detailed in Appendix B. The site layout plan detailing the location of the waste storage areas on site is included in the Site Infrastructure plans provided in Section 1.1 of the site specific management system.
  - 2.4.8 Waste will be removed from site in order of receipt. Regular working practice includes the emptying of container/bins when the containers/bins reach maximum capacity. As the outputs of the process are a valued commodity, SUEZ seek to remove the material off site as soon as possible in order to release its commercial value.
  - 2.4.9 In addition, arranging haulage for material to be removed from site is done in advance. The planned number of vehicle movements out are based upon contracted and predicted inputs to the site, and is reviewed on a daily basis.
  - 2.4.10 Daily inspections are undertaken at the waste storage areas as set out in Section 3.1. Inspections will include checks for any leaks and spillages and an assessment of pests, odour, dust, litter and noise.

## **2.5 Materials stored in Stockpiles**

- 2.5.1 No waste is stored in stockpiles at this site. No waste is stored in loose stockpiles at this site, all waste will be stored within containers, not spilling out of them, and below the container height.

## **2.6 Quarantine**

- 2.6.1 Staff will carry out ongoing visual inspection of the wastes on delivery. Any non-conforming waste will either be rejected from the site and redirected to an appropriately permitted facility or placed in quarantine prior to removal from site.
- 2.6.2 If hazardous waste is identified as unacceptable during deposit the member of the public will be informed and asked to remove the waste from site. If unacceptable hazardous waste is identified after it has been deposited by a member of the public, then it will be quarantined and removed from site as soon as possible.
- 2.6.3 Any quarantined waste placed will be removed from site within 3 months.
- 2.6.4 Records will be kept of any rejected or quarantined waste.

## **2.6 Waste Loading**

- 2.6.1 All wastes stored on site are dispatched by road.

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- 2.6.2 Most of the waste stored on the site are primarily stored within roll-on/roll-off (RORO) containers. Full containers are lifted onto vehicles and dispatched from site.
  - 2.6.3 Other wastes stored on the site in dedicated containers (i.e., battery boxes) are lifted into vehicles or manually loaded (e.g., fridges, TVs, textiles) and dispatched from site.

### **3 INSPECTION, EMERGENCY PREPAREDNESS & MANAGING NON-CONFORMANCE**

#### **3.1 Site Inspections**

3.1.1 Daily inspections of the site infrastructure are undertaken in line with the IMS procedure titled 'Site Inspection, Audit & Reporting'.

3.1.2 Site inspections are recorded on the Vision App.

3.1.3 The daily inspections will include checks for the below key risks:

- Leaks and spillages
- Litter
- Dust/particulate matter
- Odour
- Noise
- Pests
- Fire

#### **3.2 Emergency Preparedness**

3.2.1 Emergency preparedness and response measures are set out within the IMS Procedure titled 'Emergency Preparedness & Response' including:

- Spillages
- Fire

3.2.2 Detailed procedures for the prevention of fire and emergency measures to be taken in the event of a fire are described fully within the separate site-specific Fire Prevention Plan (Document reference 1.7).

3.2.3 General accident management measures are listed in the Accident Prevention and Management Plan (Document reference 1.5) and business continuity measures are listed in the Business Continuity and Contingency Plan (Document reference 1.6).

#### **3.3 Managing Non-Conformance**

3.3.1 Procedures for identifying, reporting, investigation and remediation of non-conformances are set out in the IMS procedure titled 'Managing Non-Conformance, Corrective and Preventative Action'.

#### **3.4 Complaints**

3.4.1 All complaints are managed in line with the IMS procedures titled 'Complaints, Managing Non-Conformance', 'Corrective and Preventative Action' and 'Amenity Management'.

#### **3.5 Leaks & Spillages**

3.5.1 Any spillages or leaks will be dealt with promptly according to the emergency procedures detailed within the IMS procedure titled 'Emergency Preparedness and Response'.

### 3.6 Site & Equipment Maintenance

- 3.6.1 The selection process of plant and equipment used on site will ensure that it is fit and suitable for the relevant work activity, can be maintained safely, is CE marked and provided with test certificates where necessary.
- 3.6.2 All equipment will be inspected, maintained and serviced in accordance with the manufacturer's/ supplier's instructions and any relevant statutory requirements. Maintenance of plant, equipment and infrastructure will be scheduled as necessary, and implemented and recorded on the site-specific Maintenance Planner.
- 3.6.3 The maintenance schedule will include all items which are critical to environment and industrial risk.
- 3.6.4 Key requirements for critical items of equipment at site are detailed in Table 1 below.

**Table 1 - Maintenance Schedule**

Item	Maintenance Type	Frequency / Interval
Impermeable Hardstanding	Repairs	As necessary
Drainage System	Interceptor clean & silt removal	6 months
	Gully jetting	As necessary
Perimeter fencing / walls	Repairs	As necessary

## 4 EMISSIONS MANAGEMENT AND MONITORING

### 4.1 Summary

- 4.1.1 A summary of the potential emissions from the site and type of emission is in the table below:

**Table 2 - Summary of Potential Emissions**

Emission Type	Fugitive	Channelled
Clean surface water	No	Yes
Contaminated surface water	No	Yes
Litter	Yes	No
Mud and Debris	Yes	No
Dust and Fibres	Yes	No
Odours	Yes	No
Noise and Vibration	Yes	No



Pests	Yes	No
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4.1.2 The only channelled emissions from site include contaminated runoff to the foul drainage system and the clean surface water to the surface water system.

## 4.2 Surface and Foul Water Management and Monitoring

4.2.1 The entire site operational area is constructed with reinforced concrete of a sufficiently durable construction to withstand the weight of the waste and containers stored at the facility, and the operational vehicles using the facility.

4.2.2 The concrete surface provides an impermeable barrier to protect the underlying ground/groundwater from the transmission of potential contamination by the site activities.

4.2.3 In addition, a sealed drainage system is present to ensure that no liquid will run off the surface other than via the system; except where those discharges may otherwise be permitted.

4.2.4 The integrity of the impermeable surface will be inspected by site staff on at least a weekly basis, as required by SUEZ's ISO 14001 certified IMS, and any structural deficiencies will be reported immediately to the Site Supervisor. Repairs will be initiated as soon as practicable.

4.2.5 The integrity of the drainage systems including interceptors will be visually inspected by site staff as required by the IMS and any issues will be reported immediately to the Site Supervisor. Repairs will be initiated as soon as practicable.

4.2.6 Solid matter accumulating in the interceptors and gullies will be removed as and when required by a suitably experienced and registered waste disposal contractor. The interceptors are serviced twice a year and emptied on one of the services.

## 4.3 Litter

4.3.1 Any escaping material adhering to perimeter fencing will be swept/picked up on an on-going basis. Particular emphasis will be placed on ensuring that material is not allowed to escape on to local highways or the adjacent railway line.

4.3.2 A final inspection around the site at the end of the working day by Site Management shall ensure that the site is free of all litter by the end of each business day.

4.3.3 In the event there is an escape of litter from the confines of the site and into the local environment, it will be the responsibility of the site staff to arrange for litter picking of the affected areas by the end of the working day. The operation or delivery generating the escape of litter will be stopped and any container releasing fugitive material will be covered or removed from site immediately.

4.3.4 Any excessive spillage of materials anywhere within the site or on the adjacent highway will be dealt with immediately by sweeping of the surface and litter picking if required. Such a spillage and the action taken will be recorded in the site diary.

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#### 4.4 Mud and Debris

- 4.4.1 General site operations are unlikely to lead to mud and debris emissions.
- 4.4.2 Regular sweeping and litter picking takes place to ensure mud is not tracked off site.
- 4.4.3 Should site be notified of any mud or debris being tracked onto the access roads or highway then immediate arrangements shall be made for removal and clean up.

#### 4.5 Dust and Fibres

- 4.5.1 There is the potential for dust to be produced during tipping, storage and loading of some waste.
- 4.5.2 The control measures in place to minimise dust/particulate matter escaping beyond the site boundary include:
  - Any containers from which dust is emanating will be covered
  - All vehicles removing waste from the site shall transport the waste in enclosed, sheeted or netted vehicles where possible/necessary.
  - The ongoing maintenance and sweeping of any hard surfaced areas to ensure they remain free from dust generating materials
  - Regular sweeping of internal and external areas is carried out to prevent build-up of dust on site surfaces.

#### 4.6 Odour

- 4.6.1 Very small volumes of potentially odourous wastes (including green and general waste) are stored within RORO containers on the HWRC.
- 4.6.2 Under normal operations, all potentially odourous waste (including green and waste) are stored for no longer than 1 week (as detailed in Appendix B).
- 4.6.3 Waste acceptance checks are carried out to ensure particularly odorous wastes are not accepted, and regular checks are made of the facility and waste containers to ensure that odour emissions are not occurring.
- 4.6.4 If particularly odorous wastes are identified at any stage, they will be prioritised for removal from site.

#### 4.7 Noise and Vibration

- 4.7.1 Site operations are not expected to generate noise levels that are deemed excessive. The site staff will ensure that the delivery, processing and loading of waste takes place in a controlled manner so that noise generation is kept to a minimum.
- 4.7.2 Increases in plant noise are often indicative of future mechanical failure, as such all relevant plant will be regularly and effectively maintained as set out in the Site and Equipment Maintenance Plan.

#### 4.8 Pests

- 4.8.1 In addition to continuous monitoring by site staff, a specialist contractor may attend to any specific incidence of pests on request to ensure eradication.

4.8.2 Regular pest control visits are carried out to monitor pest levels and to ensure that activity does not cause issues.

## 5 STAFF COMPETENCY & TRAINING

### 5.1 Summary

5.1.1 All sites operating under an environmental permit are required to ensure sufficient staff and resources are available to operate the site effectively and in compliance with the Permit/Integrated Management System.

5.1.2 All sites are required to ensure:

- All Relevant Tasks Are Undertaken by Competent Personnel.
- Appropriate Records of Education, Training, Skills and Experience Are Held.
- All Personnel Performing Work on Behalf of Suez Are Aware of the SUEZ IMS Policies and Procedures.

### 5.2 Staff Competence & Training

5.2.1 All new and existing personnel are adequately trained to perform the tasks assigned to them, preventing potential environmental or personal harm.

5.2.2 The following table details the roles undertaken on site, with primary and secondary responsibilities listed.

**Table 3 - Staff Competence**

Tasks	Primary Responsibility – Role	Secondary Responsibility - Role
<b>Waste Acceptance</b>		
Waste spot inspections	Site Operatives	Site Supervisor
<b>Waste Storage</b>		
Site Inspections	Site Supervisor	Operations Manager
Vision App checks	Site Supervisor	Operations Manager
Supervisor checks	Site Supervisor	Operations Manager
Managers monthly checks	Site Supervisor	Operations Manager
WEEE	Site Operatives	Site Supervisor
Hazardous waste	Site Operatives	Site Supervisor

Liquids	Site Operatives	Site Supervisor
<b>Waste Processing</b>		
Arrange haulage for waste to be removed from site	Site Supervisor	Operations Manager
<b>Maintenance</b>		
Arranging proactive and reactive maintenance	Site Supervisor	Operations Manager
<b>Monitoring</b>		
Managing surface water	Site Operatives	Site Supervisor
<b>Amenity Checks</b>		
Liaise with pest control	Site Supervisor	Operations Manager
Litter picking internal and external where required	Site Operatives	Site Supervisor
Odour checks	Site Supervisor	Operations Manager
Daily site cleaning	Site Supervisor	Operations Manager
Noise	Site Supervisor	Operations Manager
<b>Reporting</b>		
Waste returns	Business Assistant	Operations Manager
Reportable breaches	Site Supervisor	EIR Manager
Procedure updates	Site Supervisor	Operations Manager

5.2.3 Records of the Technically Competent Manager (TCM) attendance for the site are located within the site's sign in book.

5.2.4 The procedures used to ensure appropriate training (initial and refresher) and/or qualifications and associated records of training staff and contractors are detailed within the IMS procedure titled 'Training, Awareness and Competence'

## 6 RESIDUES MANAGEMENT

### 6.1 Summary

6.1.1 The residues management plan aims to:

- Minimise the generation of residues (waste arising from the ancillary activities to the permitted waste operation, e.g., office operation)

- Optimises the reuse, regeneration, recycling, or energy recovery of residues, including packaging
- Ensures the proper disposal of residues where recovery is technically or economically impractical

6.1.2 Where waste cannot be recovered, a detailed assessment identifying the best environmental options will be completed for waste disposal.

6.1.3 All wastes generated by ancillary activities on site are managed in line with the waste hierarchy. These wastes are detailed within Appendix C.

## 7 DECOMMISSIONING PLAN

### 7.1 Plant & Equipment Decommissioning

7.1.1 There are currently no identified long term non-productive or redundant items on site that require decommissioning or removal.

7.1.2 During the operational life of the facility, equipment may no longer be required or will reach the end of its useful life. Any such equipment will be removed (as necessary) by suitably qualified personnel and disposed of appropriately. Where possible equipment will be repaired or reused.

### 7.2 Site Decommissioning

7.2.1 The actions detailed in Table 4 will be undertaken on cessation of waste processing activities prior to the surrender of the Environmental Permit:

**Table 4 - Actions to be taken to decommission the site**

Item	Action
Waste materials	All waste materials will be removed from site. Any hazardous wastes (oils, batteries, WEEE etc.) will be suitably consigned.
Drains / Gullies	All drains will be checked to ensure that they are clear and free flowing. Any blockages will be removed.
Interceptors	Interceptors will be cleaned and all silt removed for suitable processing / disposal off site.
Outside areas / perimeter fencing	Any wastes stored externally, as well as redundant equipment and storage containers will be removed from site. The impermeable surface will be swept with a mechanical sweeper and any debris along the site boundary cleared.



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7.2.2 Records will be kept of the activities that have been undertaken along with photographs to show that the actions detailed in Table 4 have been completed to the necessary standard.



## Appendices



**Appendix A – Permitted Waste Types**



## Allendale Household Waste Recycling Centre – Permitted Waste Types

<b>EWC Code</b>	<b>Description</b>
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS</b>
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>
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 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
15 02	Absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
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 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing dangerous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 06	Batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 03*	mercury-containing batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators

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<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
17 01	Concrete, bricks, tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
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 material
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
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
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 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 19*	pesticides
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29*	detergents containing dangerous substances
20 01 30	detergents other than those mentioned in 20 01 29
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
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 37*	wood containing dangerous substances
20 01 38	wood other than that 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)

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20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
20 03	Other municipal wastes
20 03 01	mixed municipal waste
20 03 07	bulky waste



**Appendix B – Waste Storage Details**

## Allendale Household Waste Recycling Centre – Waste Storage Details

Waste Type	Location within Site	Storage Details	Area Size and Dimensions volume of waste	Approximate Volume of Waste	Maximum Storage Time on Site
Textiles	Designated container in HWRC	1 x Textile Bank	<b>Bank Size:</b> 1.35m (W) x 1.5m (L) x 1.9m (H)	3.8m <sup>3</sup>	2 weeks
Cooking oil	Designated container in HWRC	1 x 120L Barrel	120L Barrel: 0.51m (W) x 0.51m (L) x 0.81m (H)	0.2m <sup>3</sup>	3 months
Bric-a-Brac	Designated container in HWRC	1 x 20ft Shipping Container	<b>Container size:</b> 2.4m (W) x 6.0m (L) x 2.6m (H)	37m <sup>3</sup>	1 month
Light bulbs	Designated container in HWRC	2 x 240L Wheelie Bins	<b>240 litre Wheelie Bin:</b> 0.6m (W) x 0.74m (L) x 1.07m (H)	2 x 0.4m <sup>3</sup> (0.8m <sup>3</sup> in total)	3 months
Fluorescent Tubes	Designated container in HWRC	1 x Specialist Container	<b>Container size:</b> 1m (W) x 1m (L) x 1m (H)	1m <sup>3</sup>	3 months
Small mixed WEEE	Designated container in HWRC	4 x 1100L Bins	<b>Container size:</b> 2m (W) x 2m (L) x 1.75m (H)	4 x 7m <sup>3</sup> (28m <sup>3</sup> in total)	2 weeks
Glass	Designated container in HWRC	1 x 30yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2m (W) x 6.1m (L) x 2.4m (H)	23m <sup>3</sup>	2 weeks
Engine Oil	Designated container in HWRC	1 x 1,000L Self-Bunded Tank	<b>1000ltr Bunded Tank:</b> 0.70m (W) x 2.15m (L) x 1.42m (H)	1m <sup>3</sup>	1 month
Books/Media	Designated container in HWRC	1 x Textile Bank	<b>Bank size:</b> 0.6m (W) x 1m (L) x 1.2m (H)	0.72m <sup>3</sup>	1 month
Tetrapak Containers	Designated container in HWRC	1 x 1100L Bin	<b>Container size:</b> 2m (W) x 2m (L) x 1.75m (H)	16m <sup>3</sup>	2 weeks
Plasterboard	Designated container in HWRC	1 x 8yrd Skip	<b>Skip Size:</b> 1.8m (W) x 3.7m (L) x 1.26m (H)	8m <sup>3</sup>	2 months
TVs and Fridges	Designated container in HWRC	1 x 20ft Shipping Container	<b>Container size:</b> 2.4m (W) x 6.0m (L) x 2.6m (H)	37m <sup>3</sup>	1.5 weeks
Lead acid batteries	Designated container in HWRC	2 x Battery Boxes	<b>Box size:</b> 1m (W) x 1.2m (L) x 0.74m (H)	2 x 0.8m <sup>3</sup> (1.6m <sup>3</sup> in total)	1.5 months
Household batteries	Designated container in HWRC	1 x Battery Box	<b>Box size:</b> 1m (W) x 1.2m (L) x 0.74m (H)	0.8m <sup>3</sup>	1.5 months
Used Vapes	Designated container in HWRC	1 x 120L Barrel	120L Barrel: 0.51m (W) x 0.51m (L) x 0.81m (H)	0.2m <sup>3</sup>	3 months
Rubble	Designated container in HWRC	1 x 16yrd Skip	<b>Skip Size:</b> 1.8m (W) x 4.2m (L) x 1.8m (H)	13m <sup>3</sup>	2 weeks
General	Designated container in HWRC	1 x 20yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2.44m (W) x 6.1m (L) x 1.22m (H)	18m <sup>3</sup>	1 week
Bulky Waste	Designated container in HWRC	1 x 20yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2.44m (W) x 6.1m (L) x 1.22m (H)	18m <sup>3</sup>	1 week
Wood	Designated container in HWRC	1 x 20yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2.44m (W) x 6.1m (L) x 1.22m (H)	18m <sup>3</sup>	1 week
Green	Designated container in HWRC	1 x 20yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2.44m (W) x 6.1m (L) x 1.22m (H)	18m <sup>3</sup>	1 week
Cardboard	Designated container in HWRC	1 x 30yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2m (W) x 6.1m (L) x 2.4m (H)	23m <sup>3</sup>	2 weeks
Comingled	Designated container in HWRC	1 x 30yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2m (W) x 6.1m (L) x 2.4m (H)	23m <sup>3</sup>	2 weeks
Metal	Designated container in HWRC	1 x 40yd Ro-Ro Skip	<b>Ro-Ro Size:</b> 2.4m (W) x 6.2m (L) x 2.9m (H)	30m <sup>3</sup>	1 week
Gas Bottles	Secure compounds in HWRC	2 x Secure Compounds	<b>Size of Compound 1:</b> 1.2m (W) x 1.2m (L) x 1.6m (H) <b>Size of Compound 2:</b> 2m (W) x 2m (L) x 2m (H)	Compound 1: 2.3m <sup>3</sup> Compound 2: 8m <sup>3</sup> (10.3m <sup>3</sup> in total)	3 months
Tyres	Secure compound in HWRC	1 x Secure Compound	<b>Size of Compound:</b> 2m (W) x 3m (L) x 2m (H)	12m <sup>3</sup>	3 months



**Appendix C – Residues Management Table**

### Allendale Household Waste Recycling Centre – Residues Management Plan Table

Residue type	Approximate annual tonnage	Reduction Measure	Management in line with waste hierarchy	Potential improvements to be considered in line with waste hierarchy
WEEE	0.25	Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Packaging	0.01	Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Wastepaper	0.01	Paper use is limited as far as possible. Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Food waste	0.01	Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Pallets	0.25	Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Toner cartridges	0.01	Printing is kept to a minimum. Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
General waste	0.25	Site waste is kept to a minimum. Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen
Interceptor waste	10	Reduction measure not feasible	Sent for onward recycling	No improvement opportunities foreseen