Recycling and recovery UK

Thorverton Road Distribution Hub

Transfer Station

1.2 Operations and Emissions Management Plan

March 2025

DOCUMENT DETAILS

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DOCUMENT REVIEW HISTORY

Date	Description	Summary of Changes
February 2018	Version 1.0	Original document
February 2018	Version 2.0	Updated to add information on trailers under power lines, changes to drainage system and S2 exemption.
April 2018	Version 3.0	updated to add information recommended by the EA
January 2019	Version 4.0	updated to include a copy of the Pest Management Plan
September 2020	Version 5.0	Updated to show the use of Avro by DCW to scare seagulls. Adding Martin Tucker as a WAMITAB holder. Adding OMP as Annex I

November 2020	Version 6.0	Updated to include conditions listed in the Planning Application
June 2022	Version 7.0	Updated to show RORO containers are used instead of curtain side trailers. Removal of glass bay and introduction of WEEE area under the control of our T11 exemption.
March 2024	Version 8.0	Updated to account for operational changes since acquisition of DCW by SUEZ R&R Ltd
June 2024	Version 9.0	Original Document produced to meet the new SUEZ template. This document supersedes all previous versions of the management system.
March 2025	Version 10.0	Updated to remove non-hazardous treatment activities.

CONTENTS

APPENDICES

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 25th December, 26th December and 1st January. The site is not operational on Sundays.

1.2 Permitted Activities

1.2.1 The site holds an Environmental Permit (permit) with the reference EPR/CB3807CF. The site is permitted as a transfer station with treatment.

1.2.2 The waste types permitted to be accepted at the site are detailed in Appendix A. The site regularly accepts hard plastics, soft plastics, shredded paper, cardboard, wire, small and large WEEE, fridges, batteries, toners, printed circuit boards, hard drives, and TVs/ monitors.

1.2.3 The maximum permitted annual tonnage of waste accepted at the site shall not exceed 75,000 tonnes.

1.2.4 The D and R activity codes that will be carried out on site are detailed below.

Table 1: D&R codes

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)

2 OPERATIONS

2.1 Activities & Processes

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

- Waste acceptance
- Unloading waste
- Manual sorting and separation of waste
- Treatment of waste
- Baling 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 SUEZ's Integrated Management System (IMS) - Duty of Care. Procedures associated with hazardous waste are detailed in IMS – Hazardous Waste.

2.2.2 In addition to the waste acceptance procedures, an evaluation of the incoming waste is undertaken at the weighbridge to ensure effective waste handling and storage management to prevent any potential amenity effects which can at times be at greater risk due to seasonal fluctuation (for example the potential for malodourous waste and flies' infestation). Waste loads that have been accepted at site are further inspected when the vehicle tips in the tipping hall or external storage areas. This is to check for any possible contamination, potential ignition sources or hazardous wastes concealed within the waste.

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 Waste is unloaded in two distinct areas: The transfer station building (tipping hall) and WEEE storage area. Visiting traffic for both areas is directed by the weighbridge operator and site staff.

2.3.2 All areas internal and external to 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.

2.3.3 Vehicle flows are controlled by the weighbridge operator and are directed once leaving the weighbridge by site staff.

2.3.4 Vehicles are directed to the appropriate tipping / unloading area within the transfer station, depending on the waste that they are carrying.

2.3.5 Access to the tipping hall will be suspended when the number of vehicles in the tipping hall is at full capacity.

2.3.6 Visiting drivers are required to inspect their vehicles before exiting the transfer station to ensure there is no debris on the wheels, hopper, bins or other parts of the vehicle.

2.3.7 Daily inspections of the tipping hall and external areas are undertaken to check for leaks & spillages to ensure that all litter and dust/particulate matter generated from activities are contained within the tipping hall or external storage bays.

2.4 Waste Treatment

2.4.1 The waste treatment activity types permitted on site include, baling, wire stripping, wire cutting and cable granulation. The activities also include the manual sorting of mixed batteries. The WEEE treatment activities will not exceed 20 tonnes per day.

2.4.2 Additionally, the site carries out manual and mechanical treatment of WEEE.

2.4.3 The treatment process is not automated and relies on manual control and inputs to the process. It is therefore constantly monitored by site operatives.

2.4.4 The site infrastructure plan (document reference 1.1) shows the indicative location of the treatment activity (WEEE storage area, area 1), where baling takes place in the baling shed and wire treatment and battery sorting takes place in the WEEE storage area.

2.5 Waste Storage

2.5.1 Wastes are stored with the aim of ensuring that different types of waste accepted are stored separately where possible to ensure they do not contaminate each other, they can be reused more easily, and transfer notes can be completed correctly. All wastes delivered and accepted to the site are directed to specific areas for storage (or treatment prior to storage).

2.5.2 All wastes on site are stored safely and securely using suitable buildings/ bays or containers to ensure waste will not escape. Where wastes are stored in containers they are labelled correctly, and covers are utilised where necessary to prevent litter escape and rainfall infiltration.

2.5.3 Wastes are stored to ensure there is no mixing of incompatible wastes.

2.5.4 Bales stored externally to the main transfer building are stored undercover.

2.5.5 Large WEEE and fridges are stored undercover.

2.5.6 Batteries are stored undercover in suitable weatherproof drums.

2.5.7 The site infrastructure plan (document reference 1.1) details the location of the waste storage bays and storage areas on site.

2.5.8 The storage method, maximum storage time, maximum volume and maximum height for any waste storage pile is detailed in Appendix B.

2.5.9 No waste types are stored on site for longer than 3 months.

2.5.10 The key control at site to ensure wastes are stored for the minimum timescales is the use of the principle of “first in, first out”. Materials are handled and removed from site in order of receipt therefore ensuring a frequent turnover of materials.

2.5.11 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.

2.6 Waste Loading

2.6.1 All wastes stored on site are dispatched by road.

2.6.2 Wastes stored in bulk in the transfer station are primarily dispatched from site after being loaded into articulated lorries (or other large haulage vehicles).

2.6.3 All bulk wastes are loaded using the site’s loading shovel and 360 material handler. Bales are loaded with the teletruk or forklifts.

2.6.4 Other wastes stored in dedicated containers (e.g., battery boxes, skips, etc.) are lifted into vehicles and dispatched from site.

3 MATERIALS STORED IN STOCKPILES

3.1.1 Stockpile sizes are managed via inventory control and the use of SUEZ's Material Manager stock system.

3.1.2 Daily visual monitoring is used to ensure stockpile sizes are not exceeded at the end of the working day. If an elevated volume is identified on site during the say, then additional dispatch vehicles can be arranged to ensure volumes are reduced by the end of the day.

3.1.3 Stock rotation is carried out on site, with the oldest wastes processed and dispatched as a priority.

3.2 Quarantine

3.2.1 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.

3.2.2 The transfer station has two specified quarantine areas as indicated in the site infrastructure plan (document reference 1.1). Additional temporary quarantine areas can be provided on site to quarantine any loads of non-conforming waste. The area chosen will depend upon current waste storage levels within the building and bays and the items/ material needing to be quarantined. The quarantined waste will be kept segregated from all other waste. The site has an impermeable surface which drains to foul sewer.

3.2.3 Any small hazardous items of non-conforming waste found within a load will be removed and placed within a lockable container.

3.2.4 Any quarantined waste placed within the lockable container will be removed from site within 3 months.

3.2.5 If a significant volume of waste needs to be quarantined as the result of a fire, the quarantine procedure and areas as listed in the Fire Prevention Plan (Document reference 1.7) will be utilised.

3.2.6 Records will be kept of any rejected or quarantined waste.

4 INSPECTION, EMERGENCY PREPAREDNESS & MANAGING NON-CONFORMANCE

4.1 Site Inspections

4.1.1 Daily inspections of the site infrastructure are undertaken in line with SUEZ IMS Procedure - Site Inspection, Audit & Reporting. Any required site and equipment maintenance is carried out in line with manufacturers recommendations.

4.1.2 Site inspections are recorded on the Daily/ Weekly QEMS checklist or the Vision App.

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

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

4.2 Emergency Preparedness

4.2.1 Emergency preparedness and response measures are set out within SUEZ IMS Procedure - Emergency Preparedness & Response including:

- Spillages
- Fire

4.2.2 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).

4.2.3 General accident management measures are listed in the Accident Prevention and Management Plan (document reference 1.4) and business continuity measures are listed in the Business Continuity and Contingency Plan (document reference 1.5).

4.3 Managing Non-Conformance

4.3.1 Procedures for identifying, reporting, investigation and remediation of non-conformances are set out in SUEZ IMS Procedure - Managing Non-Conformance, Corrective and Preventative Action.

4.4 Complaints

4.4.1 All complaints are managed in line with SUEZ IMS Procedures Complaints, Managing Non-Conformance, Corrective and Preventative Action, Amenity Control and Monitoring and Amenity Complaints.

4.5 Leaks & Spillages

4.5.1 Any spillages or leaks will be dealt with promptly according to the emergency procedures detailed within IMS Section - Emergency Preparedness and Response.

4.6 Site & Equipment Maintenance

4.6.1 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.

4.6.2 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 equipment matrix.

4.6.3 The maintenance schedule will include all items which are critical to environment and industrial risk.

5 EMISSIONS MANAGEMENT AND MONITORING

5.1 Summary

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

Table 2: Emissions

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

5.1.2 The only channelled emissions from site include contaminated runoff to the foul drainage system. All surface water drains have been connected to the foul drainage system.

5.2 Surface and Foul Water Management and Monitoring

5.2.1 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.

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

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

5.2.4 The foul drainage system serves the main transfer station building, the external storage areas, as well as the vehicle wash bay. It also takes domestic effluent from the welfare facilities office.

5.2.5 The wash bay area foul drainage discharges via a bypass separator to the main foul sewer.

5.2.6 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 Manager. Repairs will be initiated as soon as practicable.

5.2.7 Solid matter accumulating in the interceptors and gullies will be removed as and when required by a suitably experienced and registered waste disposal contractor. As a minimum the site interceptors will be cleaned every 12 months.

5.3 Litter

5.3.1 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.

5.3.2 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.

5.3.3 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.

5.3.4 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.

5.4 Mud and Debris

5.4.1 General site operations are unlikely to lead to mud and debris emissions. All wastes likely to produce mud or debris are stored inside the transfer station building and regular sweeping/cleaning takes place to ensure that all mud is retained within the building.

5.4.2 Regular sweeping of external yard areas takes place to ensure mud is not tracked off site.

5.4.3 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.

5.5 Dust and Fibres

5.5.1 There is the potential for dust to be produced during tipping storage and treatment of some wastes. This waste is tipped, stored and treated internally to reduce the likelihood of dust emissions from site.

5.5.2 Regular sweeping of internal and external areas is carried out to prevent build-up of dust on site surfaces.

5.5.3 Should excessive levels of dust be identified external to the Transfer Station building then the use of water mist sprays or manual watering with a hose will be used as necessary.

5.6 Odour

5.6.1 Putrescible wastes are not accepted on site.

5.6.2 Under normal operations, unbaled waste is stored for no longer than 72 hours.

5.6.3 Waste acceptance checks are carried out to ensure particularly odorous wastes are not accepted, and regular checks are made of the facility and waste stockpiles to ensure that odour emissions are not occurring.

5.6.4 If particularly odorous wastes are identified at any stage, they will be prioritised for removal from site.

5.7 Noise and Vibration

5.7.1 Site operations are primarily undertaken inside a building and 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.

5.7.2 WEEE treatment takes place in a covered area of site and is not expected to generate noise levels that are deemed excessive.

5.7.3 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.

5.8 Pests

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

5.8.2 Regular pest control visits, by a specialist contractor, are carried out to monitor pest levels and to ensure that activity does not cause issues.

6 STAFF COMPETENCY & TRAINING

6.1 Summary

6.1.1 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/ IMS.

6.1.2 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.

6.2 Staff Competence & Training

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

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

Table 3: Site Roles

Tasks	Primary Responsibility – Role	Secondary Responsibility - Role
Waste Acceptance		
Weighbridge waste acceptance checks	Weighbridge operator	Team Leader
Site waste acceptance checks	Site operatives	Team Leader
Waste Storage		
Daily plant checks and cleaning	Site operatives	Team Leader
Cleaning of reception hall	Site operatives	Team Leader
QEMS checks / Vision App	Team Leader	Site Supervisor
Supervisor checks	Site Supervisor	Site Manager
Managers monthly checks	Site Manager	Regional Manager
Waste Processing		
Arrange haulage for waste to be removed from site	Site Supervisor	Site Manager
Operating mobile plant to move & load waste materials	Site operatives	N/A

Arranging Maintenance		
Infrastructure	Site Supervisor	Site Manager
Fixed plant	Site Supervisor	Site Manager
Mobile plant	Site Supervisor	Site Manager
Monitoring		
Managing surface water	Site Supervisor	Site Manager
Amenity Checks		
Amenity checks	Site Supervisor	Site Manager
Reporting		
Waste returns	Site Manager	Regional Manager
Energy efficiency/efficient use of raw materials/avoidance, recovery and disposal of wastes produced by the activities Report	Site Manager	Regional Manager
Reportable breaches	Site Manager	Environment & Industrial Risk Manager / Regional Manager
Submission of annual reports	Site Manager	Regional Manager

6.2.3 Records of the Technically Competent Manager (TCM) attendance for the site are located within the site diary.

6.2.4 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 following sections of the IMS:

- Training, Awareness and Competence

7 RESIDUES MANAGEMENT

7.1 Summary

7.1.1 The residues management plan aims to:

- Minimise the generation of residues
- 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

7.1.2 All wastes generated by the site are managed in line with the waste hierarchy.

7.1.3 SUEZ look to move materials up the waste hierarchy wherever possible and have processes on site to facilitate this (waste sorting, other treatment etc).

7.1.4 SUEZ look to ensure that waste generated by ancillary activities (office etc) is reduced as much as possible. Where this is produced, it is managed in line with the waste hierarchy.

8 DECOMMISSIONING PLAN

8.1 Plant & Equipment Decommissioning

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

8.1.2 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 deinstalled (as necessary) by suitably qualified personnel and disposed of appropriately. Where possible equipment will be repaired or reused.

8.2 Site Decommissioning

8.2.1 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 (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.
Plant and Equipment	All waste processing related plant and equipment will be removed. Any items suitable for repair or reuse will be identified as part of this process. Electricity supplies will be made safe.
Weighbridge	The weighbridge pit will be cleaned and all debris removed from site.
Mobile Plant	All mobile plant will be removed from site.
Building	The inside of the building will be cleaned to remove any remaining waste. High level areas will be cleared of any accumulated dust.
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.

3.1.1 An up-to-date site condition report will be included in support any application to surrender the Environmental Permit. This will contain a written description 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

Recycling and recovery UK

Thorverton Road Distribution Hub

Permitted Waste Types

WASTE CODE	DESCRIPTION
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 beet
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

WASTE CODE	DESCRIPTION
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 washing, cleaning and mechanical reduction of raw materials
02 07 02	Wastes from spirits 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 MSFU of phosphorous chemicals and phosphorous 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 opacificiers
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)

WASTE CODE	DESCRIPTION
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	Wastes 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
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	Filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15	Other 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	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	Waste from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 04	Waste from lead thermal metallurgy
10 04 10	Waste from cooling-water 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	Waste from cooling-water other than those mentioned in 10 05 08
10 05 11	Dross and skimmings other than those mentioned in 10 05 10
10 06	Waste 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 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 waste from gas treatment
10 07 05	Filter cakes from gas treatment
10 07 08	Wastes from cooling-water treatment other 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

WASTE CODE	DESCRIPTION
10 08 13	Carbon containing waste from anode manufacture other than those mentioned in 10 08 12
10 08 14	Anode scrap
10 08 18	Filter cakes from flue-gas 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
10 09 16	Waste crack-indicating agent other than those mentioned in 10 09 15
10 10	Waste 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 agents other than those mentioned in 10 10 15
10 11	Wastes from 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 treatments other than those mentioned in 10 11 15
10 11 18	Filter cakes form flue-gas treatment other than those mentioned in 10 11 17
10 12	Wastes from manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	Waste preparation mixture before thermal processing
10 12 05	Filter cakes form 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 treatments 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	Filter cakes from gas treatment
10 13 10	Wastes from asbestos-cement manufacture other than those mentioned in 10 13 09

WASTE CODE	DESCRIPTION
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 treatments other than those mentioned in 10 13 12
10 13 14	Waste concrete
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, picking processes, etching, phosphatising, alkaline degreasing, anodising)
11 01 10	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 hydrometalurgical processes
11 02 03	Waste from the production of anodes for aqueous electrolytical processes
11 02 06	Waste 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
12 01 03	Non-ferrous metal filings and turnings
12 01 05	Plastics 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 and protective clothing other than those mentioned in 15 02 02
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST

WASTE CODE	DESCRIPTION
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 11*	Discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 13*	Discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12
16 02 14	Discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15*	Hazardous components removed from discarded equipment
16 02 16	Components removed from discarded equipment other than those mentioned in 16 02 15
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 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
16 11	Waste linings and refactories
16 11 02	Carbon based linings and refactories from metallurgical processes other than those mentioned in 16 11 01
16 11 04	Other linings and refactories from metallurgical processes other than those mentioned in 16 11 03
16 11 06	Linings and refactories 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	Mixtures 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
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

WASTE CODE	DESCRIPTION
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 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
19	WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION/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 physical/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 03	Premixed wastes composed 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 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
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 sand, stones)
19 12 10	Combustible waste (refuse derived fuel)

WASTE CODE	DESCRIPTION
19 13	Wastes from all 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 21*	Fluorescent tubes and other mercury containing waste
20 01 23*	Discarded equipment containing chlorofluorocarbons
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 equipment 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 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)
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

Appendix B – Waste Storage Details

Thorverton Road Distribution Hub – Waste Storage Plan

APPENDIX B – WASTE STORAGE DETAILS

Waste type	Form	Location within site (See site layout plan)	Storage detail	Bay or Container Dimensions	Volume of waste (m^3)	Maximum storage time on site
Hard Plastics	Loose	Transfer Station Building	Internal A-Frame Bay	6 m (W) x 6 m (L) x 3 m (H)	144 m^3 *	72 Hours
Cardboard	Loose	Transfer Station Building	Internal A-Frame Bay	4 m (W) x 6 m (L) x 3 m (H)	54 m^3 *	72 Hours
Shredded Paper	Loose	Transfer Station Building				72 Hours
Hard Plastics	Baled	Transfer Station Building	Internal A-Frame Bay	16 m (W) x 6 m (L) x 3 m (H)	288 m^3	2 Weeks
DMR	Baled	Transfer Station Building				2 Weeks
Shredded Paper	Baled	Transfer Station Building				2 Weeks
Cardboard	Baled	Card/Poly Bay	External A-Frame Bay with Canopy	10 m (W) x 6 m (L) x 4 m (H)	240 m^3	2 Weeks
Soft Plastics	Baled	Card/Poly Bay				2 Weeks
Wire for disposal	Loose	WEEE Storage Area (11)	8yd Skip	1.83 m (W) x 3.66 m (L) x 1.37 m (H)	6.86 m^3	1 Month
Wire to be processed	Loose	WEEE Storage Area (10)	8yd Skip	1.83 m (W) x 3.66 m (L) x 1.37 m (H)	6.86 m^3	1 Month
Small WEEE to be sorted	Loose	WEEE Storage Area (12)	8yd Skip	1.83 m (W) x 3.66 m (L) x 1.37 m (H)	6.86 m^3	1 Month
Small WEEE for Disposal	Loose	WEEE Storage Area (13)	8yd Skip	1.83 m (W) x 3.66 m (L) x 1.37 m (H)	6.86 m^3	1 Month

Waste type	Form	Location within site (See site layout plan)	Storage detail	Bay or Container Dimensions	Volume of waste (m^3)	Maximum storage time on site
POPs	Loose	WEEE Storage Area (9)	8yd Skip	1.83 m (W) x 3.66 m (L) x 1.37 m (H)	6.86 m^3	1 Month
Fridges	Loose	WEEE Storage area (7)	ISO Container	2.5 m (W) x 6m (L) x 2.6m (H)	39 m^3	1 Month
Fluorescent Tubes	Loose	WEEE Storage area (8)	Specialised Container	1.2m (W) x 2.5m (L) x 1.2m (H)	3.6 m^3	3 Months
Small WEEE sorted	Loose	WEEE Storage area (5)	1100L Wheelie Bin	1.26 m (W) x 1 m (L) x 1.4 m (H)	1.76 m^3	1 Month
Large WEEE	Loose	WEEE Storage area (6)	Designated area	3 m (W) x 10 m (L) x 2 m (H)	60 m^3	1 Month
Batteries	Loose	WEEE Storage area (2)	220L Drums	0.59 m (D) x 0.96 m (H)	0.22 m^3	1 Month
Toners	Loose	WEEE Storage area (5)	Tonne Bags	0.9 m (W) x 0.9 m (L) x 1 m (H)	0.81 m^3	1 Month
PCB (Printed Circuit Boards)	Loose	WEEE Storage area (5)	Tonne Bags	0.9 m (W) x 0.9 m (L) x 1 m (H)	0.81 m^3	1 Month
Hard Drives	Loose	WEEE Storage area (5)	Tonne Bags	0.9 m (W) x 0.9 m (L) x 1 m (H)	0.81 m^3	1 Month
Processed Copper wire	Loose	WEEE Storage area (3)	Tonne Bags	0.9 m (W) x 0.9 m (L) x 1 m (H)	0.81 m^3	1 Month
Tv's/ Monitors	Loose	WEEE Storage area (4)	IBC containers	1.2 m (W) x 1 m (L) x 1.15 m (H)	1.38 m^3	1 Month

**Note: Volume calculations allow for material slump at the front of the storage area and so equate to 75% of the total cubic volume.*