Sidegate Lane Battery Recycling Facility

Application for a variation of Environmental Permit

Non-Technical Summary

1. Introduction

This non-technical summary forms part of the application to vary the environmental permit (reference EPR/XP3092NX) for SUEZ Recycling and Recovery UK Ltd (SUEZ) Sidegate Lane Transfer Station in Northamptonshire (the site).

The site is permitted to operate as an Open Windrow Composting (OWC) and Waste Transfer Station (TS) Facility, however currently operates as a TS only. SUEZ proposes to vary the environmental permit to allow the operation of lithium-ion battery recycling facility. The TS activity will be varied to facilitate the acceptance of batteries of various chemistries and fluorescent tubes for storage and transfer to support operation of the battery treatment facility. The OWC activity will be retained but will remain in operational.

2. The Site

The site is located on Sidegate Lane in Wellingborough, Northamptonshire (NGR SP 91464 70336). The site is located approximate 3.5km northeast of the centre of Wellingborough, North Northamptonshire. The site is adjacent to the closed Sidegate Lane Landfill. The land use surrounding the site predominantly comprises agricultural land, with some sparse industrial buildings. The nearest residential receptor is Ryebury Farm approximately 200m west of the site boundary an 250m from the site building. Finedon Top Lodge Quarry SSSI and Local Wildlife Site is located approximately 990m east-southeast of the site and the Upper Nene Valley Gravel Pits SSSI, SAC and Ramsar is located 1,950m southeast of the site. There are no further European Sites within 10km or SSSIs within 2km of the site boundary.

3. The Application

The site currently operates under a bespoke waste operations permit allowing the operation of the OWC and TS Facility. SUEZ propose to vary the permit to allow operation of a battery recycling facility. In order to allow the lithium-ion battery recycling operation, the permit will be varied to a bespoke installation permit and will include the following installation activities as listed in Schedule 1 of The Environmental Permitting (England and Wales) Regulations 2016:

- Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment.
- Section 5.6 Part A(1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Sections 5.1, 5.2, 5.3.

Directly Associated Activities (e.g. treatment of metal waste in a shredder) will also support the site operations.

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Treatment of non-hazardous waste for recovery or a mix of recovery and disposal will be limited to <75 tonnes per day in aggregate for the shredding of lithium-ion batteries, the OWC activity included in the permit and the treatment of slags and ashes as part of the TS activity.

The Transfer Station activity will be varied to allow acceptance of batteries of various chemistries (i.e. lead batteries, Ni-Cd batteries, mercury-containing batteries, alkaline batteries) and fluorescent tubes for storage and transfer only. The permit will retain the existing waste codes for the transfer station activity, although only batteries and fluorescent tubes will be accepted.

The site will accept a maximum 20,000 tonnes of waste per annum. Appendix A provides the full list of waste codes that are proposed to be included in the varied environmental permit, including the Battery Treatment Facility, TS and OWC.

The site will primarily provide a facility for the treatment of lithium-ion batteries and lithium-ion battery materials. Lithium-ion battery 'materials' include lithium-ion battery scrap materials sourced from battery manufacturing and pre-shredded lithium-ion batteries from other permitted waste operations. The battery treatment operation will consist of battery discharge, dismantling, shredding, and subsequent separation and sorting of shredded materials to send for further recovery. The targeted treatment outputs include battery cell materials including black mass, copper and aluminium. Residual outputs include hard plastic, aluminium, copper and cables from dismantling, and case metal and plastics, and compacted plastics from mechanical treatment. The treatment plant has been designed and commissioned for the mechanical treatment of lithium-ion batteries. The whole treatment plant benefits from dust extraction management comprising two separate purpose-built LEV systems which positively extract air from the processes, creating two point-source emissions to air.

The first LEV serves the shredder, for which dust abatement is provided by baghouse filter and collection unit in addition to carbon filters, which are situated outside of the building.

The second LEV system serves the sorting plant and utilises a baghouse filter situated inside the building, the contents of which are captured for further treatment to collect valuable outputs.

Both systems effectively minimise the emission of fine particles, and the use of carbon filters minimises the emission of VOCs and other hazardous gases in accordance with Best Available Technique - Associated Emission Levels (BAT-AELs). Treatment can only take place when the LEV extraction systems are operational.

The existing infrastructure will be utilised for the battery recycling operation. The yard outside the building will used for the handling and loading of batteries and battery materials. All manual and mechanical treatment will be undertaken within the existing site building, which is equipped with roller-shutter doors. The yard in the north area of the site will be used for the storage of waste in designated containers as well as a covered area for electrochemical discharge of batteries. All areas benefit from impermeable surfacing to prevent to prevent the release of liquids into the underlying land and/or groundwater, and is constructed to direct uncontaminated rainfall runoff to the appropriate drainage system.

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4. Supporting Documents

The information provided within this application is in accordance with enhanced pre-application advice from the Environment Agency, reference EPR/CB3807CF/P001. Advice received includes guidance provided on the 18th February 2025; a meeting on 6th May 2025 and follow-up emails on 16th May 2025 and 6th June 2025; and subsequent discussions on 11th June 2025 followed by an email on 13th June 2025.Evidence of the advice is included in EP6 Pre-application Information.

The Environmental Risk Assessment and Operations and Emissions Management Plan detail the appropriate management procedures and mitigation measures in place to prevent or minimise the impact of the activities on the environment and human receptors.

A summary of the overall environmental risk from the site and appropriate required Management Plans are summarised below.

Hazard	Overall Risk	Detailed Management Plan Required?
Odour	Low	No - not requested by the EA during pre-application discussions.
Noise	Low	No - not requested by the EA during pre-application discussions.
Pests	Low	No - not requested by the EA during pre-application discussions.
Dust	Low	Yes – Air Quality Assessment requested by the EA during pre-application discussions for point-source emissions.
Mud/Litter	Low	No - not requested by the EA during pre-application discussions.
Fire	Low	Yes - requested by the EA during pre-application discussions.

The site will continue to operate in accordance with the SUEZ accredited environmental management system, this will ensure that adequate management systems will be used at the site including procedures for monitoring, accident prevention and control of emissions.

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APPENDIX 1

Permitted List of Wastes – Sidegate Lane Battery Treatment Facility

Table 1: Battery treatment facility permitted waste types

Notes:

- Treatment capacity for mix of recovery and disposal of non-hazardous waste shall be limited to <75 tonnes per day in aggregate for the shredding of Lithium ion batteries, the open windrow compost activity and the treatment of slags and ashes as part of the Transfer Station activity.

EWC Code	Description
16	**Wastes not otherwise specified in 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 21*	Hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14 (limited to li-ion packs, modules, cells, dry cells, anode foils, cathode foils)
16 01 22	Components not otherwise specified (limited to lithium-ion Batteries or component parts)
16 03	Off-specification batches and unused products
16 03 03*	Inorganic wastes containing hazardous substances (limited to li-ion packs, modules, cells, dry cells, anode foils, cathode foils)
16 03 04	Inorganic wastes other than those mentioned in 16 03 03 (limited to li-ion packs, modules, cells, dry cells, anode foils, cathode foils)
16 06	Batteries and accumulators
16 06 05	Other batteries and accumulators (Limited to Lithium-ion Batteries or components parts)
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 10	Wastes from shredding of metal-containing wastes
19 10 05*	Other fractions containing dangerous substances (code used as battery shred)
19 10 06	Other fractions other than those mentioned in 19 10 05 (code used as battery shred)
19 12	Wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances (code used as battery shred)
19 12 12	Other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 (code used as battery shred)
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 33*	Batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries (limited to lithium-ion Batteries or components parts)
20 01 34	batteries and accumulators other than those mentioned in 20 01 33 (limited to Lithium-ion Batteries or components parts)

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Table 1: Battery treatment facility permitted waste types	
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (limited to equipment containing Lithium-ion Batteries or components parts)
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 (limited to equipment containing Lithium-ion Batteries or components parts)

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types

Notes:

- Treatment capacity for mix of recovery and disposal of non-hazardous waste shall be limited to <75 tonnes per day in aggregate for the shredding of Lithium ion batteries, the open windrow compost activity and the treatment of slags and ashes as part of the Transfer Station activity.

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EWC 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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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
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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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	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	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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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
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 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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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 manufacture of ceramic goods, bricks, tiles and construction products
10 12 01	waste 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, phosphatising, 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 hydrometallurgical processes
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
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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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**
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 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 05	gases in pressure containers and discarded chemicals
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
16 11	waste linings and refractories
16 11 02	carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
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 others than those mentioned in 16 11 05
17	**Construction and demolition wastes (including excavated soil from contaminated sites)**

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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
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
18	**Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)**
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection(for example dressings, plaster casts, linen, disposable clothing, diapers)
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

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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 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)
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 21	Fluorescent tubes and other mercury containing wastes
20 01 34	batteries and accumulators other than those mentioned in 20 01 33

Table 2: Hazardous and non-hazardous waste treatment and transfer facility permitted waste types	
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

Table 3: Open windrow composting permitted waste types

Notes:

- Treatment capacity for mix of recovery and disposal of non-hazardous waste shall be limited to <75 tonnes per day in aggregate for the shredding of Lithium ion batteries, the open windrow compost activity and the treatment of slags and ashes as part of the Transfer Station activity.
- Treatment of slags and ashes for disposal shall not exceed 50 tonnes per day

EWC Code	Description
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 06	animal faeces, urine and manure (including spoiled fully biodegradable bedding)
02 01 07	wastes from forestry
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
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 – virgin timber only

Table 3: Open windrow composting permitted waste types	
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood – virgin timber only
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 (excluding veneers, plastic coatings or laminates) certified to EN 13432 or equivalent standard
15 01 03	wooden packaging – virgin timber only
17	**construction and demolition wastes (including excavated soil from contaminated sites)**
17 05	soils (excluding excavated soils from contaminated sites), stones and dredging spoil
17 05 06	dredging spoil other than those mentioned in 17 07 05 (from inland waters only)
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 05	wastes from aerobic treatment of solid wastes
19 05 03	off-specification compost from a composting process that accepts waste types listed in this table, made up of previously sanitised and stabilised batches only
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 (excluding veneers, plastic coatings or laminates) meeting EN 13432 or equivalent certified standard - compostable packaging only
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste (plant matter only)
20 03	other municipal wastes
20 03 02	waste from markets (biodegradable only)