

Attachment H

Materials Handling

- H.1 Waste Types & Quantities
- H.2 Waste Acceptance Procedures
- H.3 Waste Handling
- H.4 Waste Arising

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H.1 WASTE TYPES AND QUANTITIES – EXISTING AND PROPOSED

H.1.a Quantities of Waste in Relation to Each Class of Activity Applied For

Quantities in relation to each class of recovery and disposal activity applied for cannot be accurately defined at this interval. Many of the pre-treatment and recovery processes, both existing and proposed for the facility, involve more than one single recovery class i.e. dry recyclables that are processed undergo a combination of Recovery Classes 2, 3, 4, 12, and 13.

All waste streams are accurately recorded on the Genesys Weighbridge Software which forms the basis for Annual Environmental Reports. All waste tonnages, reported by EWC Code, including details of the Recovery and Disposal activities are submitted annually to the Agency as part of these reports.

H.1.c Waste Types and Quantities

Oxygen Environmental Ltd wishes to accept household, commercial, sewage sludge, C&D, C&I, industrial non-hazardous and hazardous wastes at the Facility. The overall proposed tonnages are outlined in Table H.1 (c) of the application form. Markets will determine the specific quantities and waste types that will be accepted at the Facility. Oxygen Environmental Ltd proposes to accept all waste types listed in the European Waste Catalogue and Hazardous Waste List, as published by the EPA in 2002, with the exception of some hazardous waste types and explosive wastes. A list of these EWC Codes is detailed below:

01	Waste Resulting from Exploration, Mining, Quarrying, and Physical and Chemical Treatment of Minerals
01 01 01	wastes from mineral metalliferous excavation
01 01 02	wastes from mineral non-metalliferous excavation
01 03 04*	acid-generating tailings from processing of sulphide ore
01 03 05*	other tailings containing dangerous substances
01 03 06	tailings other than those mentioned in 01 03 04 and 01 03 05

- 01 03 07* other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
- 01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07
- 01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 07
- 01 03 99 wastes not otherwise specified
- 01 04 07* waste containing dangerous substances 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 10 dusty and powdery wastes other than those mentioned in 01 04 07
- 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 waste from stone cutting and sawing other than those mentioned in 01 04 07
- 01 04 99 waste not otherwise specified
- 01 05 04 freshwater drilling muds and wastes
- 01 05 05* oil-containing drilling muds and wastes
- 01 05 06* drilling muds and other drilling wastes containing dangerous substances
- 01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
- 01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
- 01 05 99 wastes not otherwise specified

02 Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing

- 02 01 01 sludges from washing and cleaning
- 02 01 02 animal-tissue waste
- 02 01 03 plant-tissue waste
- 02 01 04 waste plastics (except packaging)
- 02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
- 02 01 07 waste from forestry

02 01 08*	agrochemical waste containing dangerous substances
02 01 09	agrochemical waste other than those mentioned in 02 01 08
02 01 10	waste metal
02 01 99	wastes not otherwise specified
02 02 01	sludges from washing and cleaning
02 02 02	animal-tissue waste
02 02 03	materials unsuitable for consumption or processing
02 02 04	sludges from on-site effluent treatment
02 02 99	waste not otherwise specified
02 03 01	sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02	waste from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing
02 03 05	sludges from on-site effluent treatment
02 03 99	wastes not otherwise specified
02 04 01	soil from cleaning and washing beer
02 04 02	off-specification calcium carbonate
02 04 03	sludges from on-site effluent treatment
02 04 99	wastes not otherwise specified
02 05 01	materials unsuitable for consumption or processing
02 05 02	sludges from on-site effluent treatment
02 05 99	wastes not otherwise specified
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment
02 06 99	waste not otherwise specified
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing
02 07 05	sludges from on-site effluent treatment
02 07 99	waste not otherwise specified

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03 Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard

- 03 01 01 Waste bark and cork
- 03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
- 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
- 03 01 99 wastes not otherwise specified
- 03 02 01* non-halogenated organic wood preservatives
- 03 02 02* organochlorinated wood preservatives
- 03 02 03* organometallic wood preservatives
- 03 02 04* inorganic wood preservatives
- 03 02 05* other wood preservatives containing dangerous substances
- 03 02 99 wood preservatives not otherwise specified
- 03 03 01 waste bark and wood
- 03 03 02 green liquor sludge (from recovery of cooking liquor)
- 03 03 05 de-inking sludges from paper recycling
- 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 09 lime mud waste
- 03 03 10 fibre rejects, fibre, filler- and coating-sludges from mechanical separation
- 03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10
- 03 03 99 wastes not otherwise specified

04 Wastes from the Leather, Fur and Textile Industries

- 04 01 01 fleshings and lime split wastes
- 04 01 02 liming waste
- 04 01 03* degreasing wastes containing solvents without a liquid phase
- 04 01 04 tanning liquor containing chromium
- 04 01 05 tanning liquor free of chromium
- 04 01 06 sludges, in particular from on-site effluent treatment containing chromium
- 04 01 07 sludges, in particular from on-site effluent treatment free of chromium
- 04 01 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium

- 04 01 09 wastes from dressing and finishing
- 04 01 99 wastes not otherwise specified
- 04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
- 04 02 10 organic matter from natural products (for example grease, wax)
- 04 02 14* wastes from finishing containing organic solvents
- 04 02 15 wastes from finishing other than those mentioned in 04 02 14
- 04 02 16* dyestuffs and pigments containing dangerous substances
- 04 02 17 dyestuffs and pigments other than those mentioned in 04 02 16
- 04 02 19* sludges from on-site effluent treatment containing dangerous substances
- 04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19
- 04 02 21 wastes from unprocessed textile fibres
- 04 02 22 wastes from processed textile fibres
- 04 02 99 wastes not otherwise specified

05 Wastes from Petroleum Refining, Natural Gas Purification and Pyrolytic Treatment of Coal

- 05 01 02* desalter sludges
- 05 01 03* tank bottom sludges
- 05 01 04* acid alkyl sludges
- 05 01 05* oil spills
- 05 01 06* oily sludges from maintenance operations of the plant or equipment
- 05 01 07* acid tars
- 05 01 08* other tars
- 05 01 09* sludges from on-site effluent treatment containing dangerous substances
- 05 01 10 sludges from on-site effluent treatment other than those mentioned in 05 01 09
- 05 01 11* wastes from cleaning of fuels with bases
- 05 01 12* oil containing acids
- 05 01 13 boiler feedwater sludges
- 05 01 14 wastes from cooling columns
- 05 01 15* spent filter clays
- 05 01 16 sulphur-containing wastes from petroleum desulphurisation
- 05 01 17 bitumen
- 05 01 99 wastes not otherwise specified
- 05 06 01* acid tars

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- 05 06 03* other tars
- 05 06 04 waste from cooling columns
- 05 06 99 wastes not otherwise specified
- 05 07 01* wastes containing mercury
- 05 07 02 wastes containing sulphur
- 05 07 99 wastes not otherwise specified

06 Wastes from Inorganic Chemical Processes

- 06 01 01* sulphuric acid and sulphurous acid
- 06 01 02* hydrochloric acid
- 06 01 03* hydrochloric acid
- 06 01 04* phosphoric and phosphorous acid
- 06 01 05* nitric acid and nitrous acid
- 06 01 06* other acids
- 06 01 99 wastes not otherwise specified
- 06 02 01* calcium hydroxide
- 06 02 03* ammonium hydroxide
- 06 02 04* sodium and potassium hydroxide
- 06 02 05* other bases
- 06 02 99 wastes not otherwise specified
- 06 03 11* solid salts and solutions containing cyanides
- 06 03 13* solid salts and solutions containing heavy metals
- 06 03 14 solid salts and solution other than those mentioned in 06 03 11 and 06 03 13
- 06 03 15* metallic oxides containing heavy metals
- 06 03 16 metallic oxides other than those mentioned in 06 03 15
- 06 03 99 wastes not otherwise specified
- 06 04 03* wastes containing arsenic
- 06 04 04* wastes containing mercury
- 06 04 05* wastes containing other heavy metals
- 06 04 99 wastes not otherwise specified
- 06 05 02* sludges from on-site effluent treatment containing dangerous solutions
- 06 05 03 sludges from onsite effluent treatment other than those mentioned in 06 05 02
- 06 06 02* wastes containing dangerous sulphides
- 06 06 03 wastes containing sulphides other than those mentioned in 06 06 02

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06 06 99	wastes not otherwise specified
06 07 01*	wastes containing asbestos from electrolysis
06 07 02*	activated carbon from chlorine production
06 07 03*	barium sulphate sludge containing mercury
06 07 04*	solutions and acids, for example contact acid
06 07 99	wastes not otherwise specified
06 08 02*	waste containing dangerous silicones
06 08 99	wastes not otherwise specified
06 09 02	phosphorus slag
06 09 03*	calcium-based reaction wastes containing or contaminated with dangerous substances
06 09 04	calcium-based reaction wastes other than those mentioned in 06 09 03
06 09 99	wastes not otherwise specified
06 10 02*	wastes containing dangerous substances
06 10 99	wastes not otherwise specified
06 11 01	calcium-based reaction wastes from titanium dioxide production
06 11 99	wastes not otherwise specified
06 13 01*	inorganic plant protection products, wood-preserving agents and other biocides
06 13 02*	spent activated carbon (except 06 07 02)
06 13 03	carbon black
06 13 04*	wastes from asbestos processing
06 13 05*	soot
06 13 99	wastes not otherwise specified

07 Wastes from Organic Chemical Processes

07 01 01*	aqueous washing liquids and mother liquors
07 01 03*	organic halogenated solvents, washing liquids and mother liquors
07 01 04*	other organic solvents, washing liquids and mother liquors
07 01 07*	halogenated still bottoms and reaction residues
07 01 08*	other still bottoms and reaction residues
07 01 09*	halogenated filter cakes and spent absorbents
07 01 10*	other filter cakes and spent absorbents
07 01 11*	sludges from on-site effluent treatment containing dangerous substances
07 01 12	sludges from on-site effluent treatment other than those mentioned in 07 01 11

07 01 99	wastes not otherwise specified
07 02 01*	aqueous washing liquids and mother liquors
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
07 02 07*	halogenated still bottoms and reaction residues
07 02 08*	other still bottoms and reaction residues
07 02 09*	halogenated filter cakes and spent absorbents
07 02 10*	other filter cakes and spent absorbents
07 02 11*	sludges from on-site effluent treatment containing dangerous substances
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic
07 02 14*	wastes from additives containing dangerous substances
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 16*	waste containing dangerous silicones
07 02 17	waste containing silicones other than those mentioned in 07 02 16
07 02 99	wastes not otherwise specified
07 03 01*	aqueous washing liquids and mother liquors
07 03 03*	organic halogenated solvents, washing liquids and mother liquors
07 03 04*	other organic solvents, washing liquids and mother liquors
07 03 07*	halogenated still bottoms and reaction residues
07 03 08*	other still bottom and reaction residues
07 03 09*	halogenated filter cakes and spent absorbents
07 03 10*	other filter cakes and spent absorbents
07 03 11*	sludges from on-site effluent treatment containing dangerous substances
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
07 03 99	wastes not otherwise specified
07 04 01*	aqueous washing liquids and mother liquors
07 04 03*	organic halogenated solvents, washing liquids and mother liquors
07 04 04*	other organic solvents, washing liquids and mother liquids
07 04 07*	halogenated still bottoms and reaction residues
07 04 08*	other still bottoms and reaction residues
07 04 09*	halogenated filter cakes and spent absorbents
07 04 10*	other filter cakes and spent absorbents
07 04 11*	sludges from on-site effluent treatment containing dangerous substances

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- 07 04 12 sludges from on-site effluent treatment other than those mentioned in 07 04 11
- 07 04 13* solid wastes containing dangerous substances
- 07 04 99 wastes not otherwise specified
- 07 05 01* aqueous washing liquids and mother liquors
- 07 05 03* organic halogenated solvents, washing liquids and mother liquors
- 07 05 04* other organic solvents, washing liquids and mother liquors
- 07 05 07* halogenated still bottoms and reaction residues
- 07 05 08* other still bottoms and reaction residues
- 07 05 09* halogenated filter cakes and spent absorbents
- 07 05 10* other filter cakes and spent absorbents
- 07 05 11* sludges from on-site effluent treatment containing dangerous substances
- 07 05 12 sludges from on-site effluent treatment other than those mentioned in 07 05 11
- 07 05 13* solid wastes containing dangerous substances
- 07 05 14 solid wastes other than those mentioned in 07 05 13
- 07 05 99 wastes not otherwise specified
- 07 06 01* aqueous washing liquids and mother liquors
- 07 06 03* organic halogenated solvents, washing liquids and mother liquors
- 07 06 04* other organic solvents, washing liquids and mother liquors
- 07 06 07* halogenated still bottoms and reaction residues
- 07 06 08* other still bottoms and reaction residues
- 07 06 09* halogenated filter cakes and spent absorbents
- 07 06 10* other filter cakes and spent absorbents
- 07 06 11* sludges from on-site effluent treatment containing dangerous substances
- 07 06 12 sludges from on-site effluent treatment other than those mentioned in 07 06 11
- 07 06 99 wastes not otherwise specified
- 07 07 01* aqueous washing liquids and mother liquors
- 07 07 03* organic halogenated solvents, washing liquids and mother liquors
- 07 07 04* other organic solvents, washing liquids and mother liquors
- 07 07 07* halogenated still bottoms and reaction residues
- 07 07 08* other still bottoms and reaction residues
- 07 07 09* halogenated filter cakes and spent absorbents
- 07 07 10* other filter cakes and spent absorbents
- 07 07 11* sludges from on-site effluent treatment containing dangerous substances
- 07 07 12 sludges from on-site effluent treatment other than those mentioned in 07 07 11

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07 07 99 wastes not otherwise specified

08 Wastes from the Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamals,) Adhesives, Sealants and Printing Inks

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances

08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13

08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15

08 01 17* wastes from paint or varnish removal containing organic solvents or other dangerous substances

08 01 18 wastes from paint or varnish removal other than those mentioned in 08 01 17

08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances

08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19

08 01 21* waste paint or varnish remover

08 01 99 wastes not otherwise specified

08 02 01 waste coating powders

08 02 02 aqueous sludges containing ceramic materials

08 02 03 aqueous suspensions containing ceramic materials

08 02 99 wastes not otherwise specified

08 03 07 aqueous sludges containing ink

08 03 08 aqueous liquid waste containing ink

08 03 12* waste ink containing dangerous substances

08 03 13 waste ink other than those mentioned in 08 03 12

08 03 14* ink sludges containing dangerous substances

08 03 15 ink sludges other than those mentioned in 08 03 14

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08 03 16*	waste etching solutions
08 03 17*	waste printing toner containing dangerous substances
08 03 18	waste printing toner other than those mentioned in 08 03 17
08 03 19*	disperse oil
08 03 99	wastes not otherwise specified
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 11*	adhesive and sealant sludges containing organic solvents or other dangerous substances
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 13*	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
08 04 17*	rosin oil
08 04 99	wastes not otherwise specified
08 05 01*	waste isocyanates

09 Wastes from the Photographic Industry

09 01 01*	water-based developer and activator solutions
09 01 02*	water-based offset plate developer solutions
09 01 03*	solvent-based developer solutions
09 01 04*	fixed solutions
09 01 05*	bleach solutions and bleach fixer solutions
09 01 06*	wastes containing silver from on-site treatment of photographic wastes
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 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11
- 09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
- 09 01 99 wastes not otherwise specified

10 Wastes from Thermal Processes

- 10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
- 10 01 02 coal fly ash
- 10 01 03 fly ash from peat and untreated wood
- 10 01 04* oil fly ash and boiler dust
- 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 09* sulphuric acid
- 10 01 13* fly ash from emulsified hydrocarbons used as fuel
- 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
- 10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
- 10 01 16* fly ash from co-incineration containing dangerous substances
- 10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16
- 10 01 18* wastes from gas cleaning containing dangerous substances
- 10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
- 10 01 20* sludges from on-site effluent treatment containing dangerous substances
- 10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20
- 10 01 22* aqueous sludges from boiler cleansing containing dangerous substances
- 10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
- 10 01 24 sands from fluidised beds
- 10 01 25 wastes from fuel storage and preparation of coal-fired power plants
- 10 01 26 wastes from cooling-water treatment
- 10 01 99 wastes not otherwise specified
- 10 02 01 wastes from the processing of slag

- 10 02 02 unprocessed slag
- 10 02 07* solid wastes from gas treatment containing dangerous substances
- 10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
- 10 02 10 mill scales
- 10 02 11* wastes from cooling-water treatment containing oil
- 10 02 12 waste from cooling-water treatment other than those mentioned in 10 02 11
- 10 02 13* sludges and filter cakes from gas treatment containing dangerous substances
- 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 02 99 wastes not otherwise specified
- 10 03 02 anode scraps
- 10 03 04* primary production slags
- 10 03 05 waste alumina
- 10 03 08* salt slags from secondary production
- 10 03 09* black drosses from secondary production
- 10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
- 10 03 16 skimming other than those mentioned in 10 03 15
- 10 03 17* tar-containing wastes from anode manufacture
- 10 03 18 carbon-containing waste from anode manufacture other than those mentioned in 10 03 17
- 10 03 19* flue-gas dust containing dangerous substances
- 10 03 20 flue-gas dust other than those mentioned in 10 03 19
- 10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances
- 10 03 22 other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
- 10 03 23* solid wastes from gas treatment containing dangerous substances
- 10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23
- 10 03 25* sludges and filter cakes from gas treatment containing dangerous substances
- 10 03 26 sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
- 10 03 27* wastes from cooling-water treatment containing oil

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10 03 28	wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 29*	waste from treatment of salt slags and black drosses containing dangerous substances
10 03 30	wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 03 99	wastes not otherwise specified
10 04 01*	slags from primary and secondary production
10 04 02*	dross and skimmings from primary and secondary production
10 04 03*	calcium arsenate
10 04 04*	flue-gas dust
10 04 05*	other particulates and dust
10 04 06*	solid wastes from gas treatment
10 04 07*	sludges and filter cakes from gas treatment
10 04 09*	wastes from cooling-water treatment containing oil
10 04 10	waste from cooling-water treatment other than those mentioned in 10 04 09
10 04 99	wastes not otherwise specified
10 05 01	slags from primary and secondary production
10 05 03*	flue-gas dust
10 05 04	other particulates and dust
10 05 05*	solid waste from gas treatment
10 05 06*	sludges and filter cakes from gas treatment
10 05 08*	wastes from cooling-water treatment containing oil
10 05 09	wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 10*	dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
10 05 11	dross and skimmings other than those mentioned in 10 05 10
10 05 99	wastes not otherwise specified
10 06 01	slags from primary and secondary production
10 06 02	dross and skimmings from primary and secondary production
10 06 03*	flue-gas dust
10 06 04	other particulates and dust
10 06 06*	solid wastes from gas treatment
10 06 07*	sludges and filter cakes from has treatment
10 06 09*	wastes from cooling-water treatment containing oil

- 10 06 10 waste from cooling-water treatment other than those mentioned in 10 06 09
- 10 06 99 wastes not otherwise specified
- 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 04 other particulates and dust
- 10 07 05 sludges and filter cakes from gas treatment
- 10 07 07* wastes from cooling-water treatment containing oil
- 10 07 08 wastes from cooling-water treatment other than those mentioned in 10 07 07
- 10 07 99 wastes not otherwise specified
- 10 08 04 particulates and dust
- 10 08 08* salt slag from primary and secondary production
- 10 08 09 other slags
- 10 08 10* dross and skimming that are flammable or emit, upon the contact with water, flammable gases in dangerous quantities
- 10 08 11 dross and skimmings other than those mentioned in 10 08 10
- 10 08 12* tar-containing waste from anode manufacture
- 10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
- 10 08 14 anode scrap
- 10 08 15* flue-gas dust containing dangerous substances
- 10 08 16 flue-gas dust other than those mentioned in 10 08 15
- 10 08 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
- 10 08 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
- 10 08 19* wastes from cooling-water treatment containing oil
- 10 08 20 wastes from cooling-water treatment other than those mentioned in 10 08 19
- 10 08 99 wastes not otherwise specified
- 10 09 03 furnace slag
- 10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances
- 10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05

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10 09 07*	casting cores and moulds which have undergone pouring containing dangerous substances
10 09 08	asting cores and moulds have undergone pouring other than those mentioned in 10 09 07
10 09 09*	flue-gas dust containing dangerous substances
10 09 10	flue-gas dust other than those mentioned in 10 09 09
10 09 11*	other particulates containing dangerous substances
10 09 12	other particulates other than those mentioned in 10 09 11
10 09 13*	waste binders containing dangerous substances
10 09 14	waste binders other than those mentioned in 10 09 13
10 09 15*	waste crack-indicating agent containing dangerous substances
10 09 16	waste crack-indicating agent other than those mentioned in 10 09 15
10 09 99	wastes not otherwise specified
10 10 03	furnace slag
10 10 05*	casting cores and moulds which have not undergone pouring, containing dangerous substances
10 10 06	casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
10 10 07*	casting cores and moulds which have undergone pouring, containing dangerous substances
10 10 08	casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
10 10 09*	flue-gas dust containing dangerous substances
10 10 10	flue-gas dust other than those mentioned in 10 10 09
10 10 11*	other particulates containing dangerous substances
10 10 12	other particulates other than those mentioned in 10 10 11
10 10 13*	waste binders containing dangerous substances
10 10 14	waste binders other than those mentioned in 10 10 13
10 10 15*	waste crack-indicating agent containing dangerous substances
10 10 16	waste crack-indicating agent other than those mentioned in 10 10 15
10 10 99	wastes not otherwise specified
10 11 03	waste glass-based fibrous materials
10 11 05	particulates and dust

10 11 09*	waste preparation mixture before thermal processing, containing dangerous substances
10 11 10	waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
10 11 11*	waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 12	waste glass other than those mentioned in 10 11 11
10 11 13*	glass-polishing and -grinding sludge containing dangerous substances
10 11 14	glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 15*	solid wastes from flue-gas treatment containing dangerous substances
10 11 16	solid wastes from flue-gas treatment other than those mentioned in 10 11 15
10 11 17*	sludges and filter cakes from flue-gas treatment containing dangerous substances
10 11 18	sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
10 11 19*	solid wastes from on-site effluent treatment containing dangerous substances
10 11 20	solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
10 11 99	wastes not otherwise specified
10 12 01	waste preparation mixture before thermal processing
10 12 03	particulates and dust
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 09*	solid wastes from gas treatment containing dangerous substances
10 12 10	solid wastes from gas treatment other than those mentioned in 10 12 09
10 12 11*	wastes from glazing containing heavy metals
10 12 12	wastes from glazing other than those mentioned in 10 12 11
10 12 13	sludge from on-site effluent treatment
10 12 99	wastes not otherwise specified
10 13 01	waste preparation mixture before thermal processing
10 13 04	wastes from calcination and hydration of lime
10 13 06	particulates and dust (except 10 13 12 and 10 13 13)
10 13 07	sludges and filter cakes from gas treatment
10 13 09*	wastes from asbestos-cement manufacture containing asbestos

- 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 12* solid wastes from gas treatment containing dangerous substances
- 10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
- 10 13 14 waste concrete and concrete sludge
- 10 13 99 wastes not otherwise specified
- 10 14 01* waste from gas cleaning containing mercury

11 Wastes from Chemical Surface Treatment and Coating of Metals and other Materials; Non-Ferrous Hydro-Metallurgy

- 11 01 05* pickling acids
- 11 01 06* acids not otherwise specified
- 11 01 07* pickling bases
- 11 01 08* phosphatising sludges
- 11 01 09* sludges and filter cakes containing dangerous substances
- 11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
- 11 01 11* aqueous rinsing liquids containing dangerous substances
- 11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
- 11 01 13* degreasing wastes containing dangerous substances
- 11 01 14 degreasing wastes other than those mentioned in 11 01 13
- 11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
- 11 01 16* saturated or spent ion exchange resins
- 11 01 98* other wastes containing dangerous substances
- 11 01 99 wastes not otherwise specified
- 11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
- 11 02 03 wastes from the production of anodes for aqueous electrolytical processes
- 11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
- 11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
- 11 02 07* other wastes containing dangerous substances

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- 11 02 99 wastes not otherwise specified
- 11 03 01* waste containing cyanide
- 11 03 02* other wastes
- 11 05 01 hard zinc
- 11 05 02 zinc ash
- 11 05 03* solid wastes from gas treatment
- 11 05 04* spent flux
- 11 05 99 wastes not otherwise specified

12 Wastes from Shaping and Physical and Mechanical Surface Treatment of Metals and Plastics

- 12 01 01 ferrous metal filings and turnings
- 12 01 02 ferrous metal dust and particles
- 12 01 03 non-ferrous metal filings and turnings
- 12 01 04 non-ferrous metal dust and particles
- 12 01 05 plastics shavings and turnings
- 12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)
- 12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)
- 12 01 08* machining emulsions and solutions containing halogens
- 12 01 09* machining emulsions and solutions free of halogens
- 12 01 10* synthetic machining oils
- 12 01 12* spent waxes and fats
- 12 01 13 welding wastes
- 12 01 14* machining sludges containing dangerous substances
- 12 01 15 machining sludges other than those mentioned in 12 01 14
- 12 01 16* waste blasting material containing dangerous substances
- 12 01 17 waste blasting material other than those mentioned in 12 01 16
- 12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil
- 12 01 19* readily biodegradable machining oil
- 12 01 20* spent grinding bodies and grinding materials containing dangerous substances
- 12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20
- 12 01 99 wastes not otherwise specified

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- 12 03 01* aqueous washing liquids
- 12 03 02* steam degreasing wastes

13 Oil Wastes and Wastes of Liquid Fuels (except edible oils, and those in chapters 05, 12 and 19)

- 13 01 01* hydraulic oils, containing PCBs
- 13 01 04* chlorinated emulsions
- 13 01 05* non-chlorinated emulsions
- 13 01 09* mineral-based chlorinated hydraulic oils
- 13 01 10* mineral-based non-chlorinated hydraulic oils
- 13 01 11* synthetic hydraulic oils
- 13 01 12* readily biodegradable hydraulic oils
- 13 01 13* other hydraulic 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
- 13 03 01* insulating or heat transmission oils containing PCBs
- 13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
- 13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
- 13 03 08* synthetic insulating and heat transmission oils
- 13 03 09* readily biodegradable insulating and heat transmission oils
- 13 03 10* other insulating and heat transmission oils
- 13 04 01* bilge oils from inland navigation
- 13 04 02* bilge oils from jetty sewers
- 13 04 03* bilge oils from other navigation
- 13 05 01* solids from grit chambers and oil/water separators
- 13 05 02* sludges from oil/water separators
- 13 05 03* interceptor sludges
- 13 05 06* oil from oil/water separators
- 13 05 07* oily water from oil/water separators
- 13 05 08* mixtures of wastes from grit chambers and oil/water separators

- 13 07 01* fuel oil and diesel
- 13 07 02* petrol
- 13 07 03* other fuels (including mixtures)
- 13 08 01* desalter sludges or emulsions
- 13 08 02* other emulsions
- 13 08 99* wastes not otherwise specified

14 Waste Organic Solvents, Refrigerants and Propellants (except 07 and 08)

- 14 06 01* chlorofluorocarbons, HCFC, HFC
- 14 06 02* other halogenated solvents and solvent mixtures
- 14 06 03* other solvents and solvent mixtures
- 14 06 04* sludges or solid wastes containing halogenated solvents
- 14 06 05* sludges or solid wastes containing other solvents

15 Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified

- 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 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

16 Wastes Not Otherwise Specified in the List

- 16 01 03 end-of-life tyres

16 01 04*	end-of-life vehicles
16 01 06	end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 07*	oil filters
16 01 08*	components containing mercury
16 01 09*	components containing PCBs
16 01 11*	brake pads containing asbestos
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 01 16	tanks for liquefied gas
16 01 17	ferrous metal
16 01 18	non-ferrous metal
16 01 19	plastic
16 01 20	glass
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
16 01 22	components not otherwise specified
16 01 99	wastes not otherwise specified
16 02 09*	transformers and capacitors containing PCBs
16 02 10*	discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12*	discarded equipment containing free asbestos
16 02 13*	discarded equipment containing hazardous components (16) 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 03*	inorganic wastes containing dangerous substances
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 05*	organic wastes containing dangerous substances
16 03 06	organic wastes other than those mentioned in 16 03 05

- 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 05 06* laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
- 16 05 07* discarded inorganic chemicals consisting of or containing dangerous substances
- 16 05 08* discarded organic chemicals consisting of or containing dangerous substances
- 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
- 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 06 06* separately collected electrolyte from batteries and accumulators
- 16 07 08* wastes containing oil
- 16 07 09* wastes containing other dangerous substances
- 16 07 99 wastes not otherwise specified
- 16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 02)
- 16 08 02* spent catalysts containing dangerous transition metals (17) or dangerous transition metal compounds
- 16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified
- 16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)
- 16 08 05* spent catalysts containing phosphoric acid
- 16 08 06* spent liquids used as catalysts
- 16 08 07* spent catalysts contaminated with dangerous substances
- 16 09 01* permanganates, for example potassium permanganate
- 16 09 02* chromates, for example potassium chromate, potassium or sodium dichromate
- 16 09 03* peroxides, for example hydrogen peroxide
- 16 09 04* oxidising substances, not otherwise specified
- 16 10 01* aqueous liquid wastes containing dangerous substances
- 16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01
- 16 10 03* aqueous concentrates containing dangerous substances

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- 16 10 04 aqueous concentrates other than those mentioned in 16 10 03
- 16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances
- 16 11 02 carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01
- 16 11 03* other linings and refractories from metallurgical processes containing dangerous substances
- 16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
- 16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances
- 16 11 06 linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05

- 17 Construction and Demolition Wastes (Including Excavated Soil from Contaminated Sites)**
 - 17 01 01 concrete
 - 17 01 02 bricks
 - 17 01 03 tiles and ceramics
 - 17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
 - 17 01 07 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
 - 17 02 01 wood
 - 17 02 02 glass
 - 17 02 03 plastic
 - 17 02 04* glass, plastic and wood containing or contaminated with dangerous substances
 - 17 03 01* bituminous mixtures containing coal tar
 - 17 03 02 bituminous mixtures containing other than those mentioned in 17 03 01
 - 17 03 03* coal tar and tarred products
 - 17 04 01 copper, bronze, brass
 - 17 04 02 aluminium
 - 17 04 03 lead
 - 17 04 04 zinc

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- 17 04 05 iron and steel
 - 17 04 06 tin
 - 17 04 07 mixed metals
 - 17 04 09* metal waste contaminated with dangerous substances
 - 17 04 10* cables containing oil, coal tar and other dangerous substances
 - 17 04 11 cables other than those mentioned in 17 04 10
 - 17 05 03* soil and stones containing dangerous substances
 - 17 05 04 soil and stones other than those mentioned in 17 05 03
 - 17 05 05* dredging spoil containing dangerous substances
 - 17 05 06 dredging spoil other than those mentioned 17 05 05
 - 17 05 07* track ballast containing dangerous substances
 - 17 05 08 track ballast other than those mentioned in 17 05 07
 - 17 06 01* insulation materials containing asbestos
 - 17 06 03* other insulation materials consisting of or containing dangerous substances
 - 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03
 - 17 06 05* construction materials containing asbestos
 - 17 08 01* gypsum-based construction materials contaminated with dangerous substances
 - 17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01
 - 17 09 01* construction and demolition wastes containing mercury
 - 17 09 02* construction and demolition wastes containing pcb (for example pcb-containing sealants, pcb-containing resin-based floorings, pcb-containing sealed glazing units, pcb-containing capacitors)
 - 17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances
 - 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 of Animal Health Care and/oe Related Research (except kitchen and restaurant wastes not arising from immediate health care)**
- 18 01 01 sharps (except 18 01 03)
 - 18 01 02 body parts and organs including blood bags and blood preserves (except 18 01 03)

- 18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection
- 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)
- 18 01 06* chemicals consisting of or containing dangerous substances
- 18 01 07 chemicals other than those mentioned in 18 01 06
- 18 01 08* cytotoxic and cytostatic medicines
- 18 01 09 medicines other than those mentioned in 18 01 08
- 18 01 10* amalgam waste from dental care
- 18 02 01 sharps except (18 02 02)
- 18 02 02* wastes whose collection and disposal is subject to special requirements in order to prevent infection
- 18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection
- 18 02 05* chemicals consisting of or containing dangerous substances
- 18 02 06 chemicals other than those mentioned in 18 02 05
- 18 02 07* cytotoxic and cytostatic medicines
- 18 02 08 medicines other than those mentioned in 18 02 07

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 02 ferrous materials removed from bottom ash
- 19 01 05* filter cake from gas treatment
- 19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes
- 19 01 07* solid wastes from gas treatment
- 19 01 10* spent activated carbon from flue-gas treatment
- 19 01 11* bottom ash and slag containing dangerous substances
- 19 01 12 bottom ash and slag other than those mentioned in 19 01 11
- 19 01 13* fly ash containing dangerous substances
- 19 01 14 fly ash other than those mentioned in 19 01 13
- 19 01 15* boiler dust containing dangerous substances
- 19 01 16 boiler dust other than those mentioned in 19 01 15

19 01 17*	pyrolysis wastes containing dangerous substances
19 01 18	pyrolysis wastes other than those mentioned in 19 01 17
19 01 19	sands from fluidised beds
19 01 99	wastes not otherwise specified
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 04*	premixed wastes composed of at least one hazardous waste
19 02 05*	sludges from physico/chemical treatment containing dangerous substances
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 07*	oil and concentrates from separation
19 02 08*	liquid combustible wastes containing dangerous substances
19 02 09*	solid combustible wastes containing dangerous substances
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 02 11*	other wastes containing dangerous substances
19 02 99	wastes not otherwise specified
19 03 04*	wastes marked as hazardous, partly stabilised
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 06*	wastes marked as hazardous, solidified
19 03 07	solidified wastes other than those mentioned in 19 03 06
19 04 01	vitriified waste
19 04 02*	fly ash and other flue gas treatment wastes
19 04 03*	non-vitriified solid phase
19 04 04	aqueous liquid wastes from vitriified waste tempering
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 05 99	wastes not otherwise specified
19 06 03	liquor from anaerobic treatment of municipal waste
19 06 04	digestate from anaerobic treatment of municipal waste
19 06 05	liquor from anaerobic treatment of animal and vegetable waste
19 06 06	digestate from anaerobic treatment of animal and vegetable waste
19 06 99	wastes not otherwise specified
19 07 02*	landfill leachate containing dangerous substances
19 07 03	landfill leachate other than those mentioned in 19 07 02
19 08 01	screenings

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19 08 02	waste from desanding
19 08 05	sludges from treatment of urban waste water
19 08 06*	saturated or spent ion exchange resins
19 08 07*	solutions and sludges from regeneration of ion exchangers
19 08 08*	membrane system waste containing heavy metals
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11*	sludges containing dangerous substances from biological treatment of industrial waste water
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 13*	sludges containing dangerous substances from other treatment of industrial waste water
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 08 99	wastes not otherwise specified
19 09 01	solid waste from primary filtration and screenings
19 09 02	sludges from water clarification
19 09 03	sludges from decarbonation
19 09 04	spent activated carbon
19 09 05	saturated or spent ion exchange resins
19 09 06	solutions and sludges from regeneration of ion exchangers
19 09 99	wastes not otherwise specified
19 10 01	iron and steel waste
19 10 02	non-ferrous waste
19 10 03*	fluff-light fraction and dust containing dangerous substances
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 05*	other fractions containing dangerous substances
19 10 06	other fractions other than those mentioned in 19 10 05
19 11 01*	spent filter clays
19 11 02*	acid tars
19 11 03*	aqueous liquid wastes

- 19 11 04* wastes from cleaning of fuel with bases
- 19 11 05* sludges from on-site effluent treatment containing dangerous substances
- 19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05
- 19 11 07* wastes from flue-gas cleaning
- 19 11 99 wastes 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 06* wood containing dangerous substances
- 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 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
- 19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
- 19 13 01* solid wastes from soil remediation containing dangerous substances
- 19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01
- 19 13 03* sludges from soil remediation containing dangerous substances
- 19 13 04 sludges from soil remediation other than those mentioned in 19 13 03
- 19 13 05* sludges from groundwater remediation containing dangerous substances
- 19 13 06 sludges from groundwater remediation other than those mentioned in 19 13 05
- 19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
- 19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
- 20 Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Wastes) Including Separately Collected Fractions**
- 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 31*	cytotoxic and cytostatic medicines
20 01 32	medicines other than those mentioned in 20 01 31
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 01 99	other fractions not otherwise specified
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes

20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 04	septic tank sludge
20 03 06	waste from sewage cleaning
20 03 07	bulky waste
20 03 99	municipal wastes not otherwise specified

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H.2 WASTE ACCEPTANCE PROCEDURES

All waste accepted at the Facility is only accepted in accordance with conditions outlined in Waste Licence W0208-01 and in accordance with the EMS Waste Acceptance Procedure (OXEP 01). All waste is subject to a waste inspection once tipped as outlined in the Receipt, Processing and Dispatch of Waste Procedure (OXEP 02). Specific waste acceptance procedures have been developed for the acceptance of gypsum waste and hazardous waste at the Facility (OXEP 28 Gypsum Acceptance Procedure; OXEP 30 Hazardous Waste Acceptance and Handling Procedure).

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H.3 WASTE HANDLING

All waste is handled and processses in accordance with the Waste Acceptance Procedure OXED01 (included as part of this attachment) and all other EMS procedures as listed in Attachment C.2 of this application.

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OXEP 01 Waste Acceptance Procedure



APPROVED

1 Scope / Purpose

The purpose of this document is to describe the methods involved in ensuring that all waste being received on the site is segregated into appropriate waste streams for recovery/recycling and that any material on the unacceptable waste list is quarantined in the correct manner.

2 References

3 Records

Weighbridge Docket

Acceptable Waste List Doc OXE01.

Complaints Handling/Corrective Action Form, Doc OXED 104

Rejected Waste Form OXED104

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4 Procedures

4.1 Delivery of Skip

On delivery of a skip the List of Acceptable Waste as listed in Doc. OXE01, must be given to the customer by the driver.

4.2 Collection of Skip / Waste Material

4.2.1 The driver arrives on site to collect a full skip / waste material.

4.2.2 The driver quickly inspects the skip / waste material to ensure that all the material is acceptable.

4.2.3 If the material is found to be acceptable, he/she will take it back to the Waste Transfer Station.

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4.2.4 If the material is unacceptable he/she will inform the customer that the materials must be removed before the skip / waste material are taken away.

4.3 On Site Acceptance of the Waste

4.3.1 On entering the site the waste is visually inspected by the weighbridge operator. If the materials are acceptable then the weight and the character of the waste is recorded in the Genesis Weighbridge Software System. If waste type and EWC code cannot be determined at the weighbridge confirmation should be sought from the Environmental Manager or Facility Manager. The weighbridge should use the CPC Radio System to inform the Processing Supervisor of the load approaching and the classification of the waste therein.

4.3.2 The driver will enter the site by the IN weighbridge, the driver will wait on the weighbridge until all relevant information is recorded, such as, waste type, weight, registration.

4.3.3 The driver is then directed to the correct tipping area by the Weighbridge Operative, Facility Manager or Processing Manager. When this is completed, the driver will be given the signal to enter the site by the Weighbridge Operative, Facility Manager or Processing Manager by lifting the barrier.

4.3.4 Construction and Demolition waste is directed to the Construction and Demolition waste recovery area by the Weighbridge Operative, Facility Manager or Processing Manager.

4.3.6 The waste will be tipped onto the inspection floor as directed by the Processing Manager/Supervisor. The material will be levelled out to view all materials in it. If it is acceptable, it will be processed in accordance with procedure OXEP 02 Receipt, Processing and Dispatch of Waste Procedure. If it is unacceptable it will be dealt with in accordance with section 4.4 of this procedure. CPC Radio (Walkie Talkie) system should be used to confirm waste type to the weigh bridge once waste has been tipped.

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4.3.7 After tipping, the driver will proceed to the OUT bridge with the SAME cab unit and container and will remain on the OUT bridge until the empty weight is taken. The driver will be given the signal to leave the site when the Weighbridge Operator, Facility Manager or Processing Manager lifts the barrier.

4.4 Non Conforming Waste.

4.4.1 If the material presented is found to be unacceptable at any time after it has entered the site it is immediately loaded back into the container in which it arrived. If this is not possible, or if the unacceptable waste makes up only a fraction of the load, it shall be separated and placed in the waste quarantine area. The Processing Manager/Supervisor will inform the Environmental Manager/Compliance Officer of any such incident and a Complaints Handling/Corrective Action Form Doc OXED104 shall be completed by the Weighbridge Operative or Environmental Manager/Compliance Officer and a submitted to the Environmental Manager immediately for EPA files.

4.4.2 An appropriate and approved facility for the recovery or disposal of the material will be identified immediately and the materials will be sent there to be properly dealt with at the earliest possible time. Or where possible returned immediately to the customer with a Rejected Load Form doc OXED 105.

4.4.3 The customer will be notified as to the offending material that has been found in the skip or bin.

4.4.4 Where non conforming waste types are found in the general waste pile it is not always possible to ascertain which load they originated from. In this case, any offending material shall be removed and quarantined to the appropriate quarantine container. Non conforming waste must never be loaded into the trommel.

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5 Persons Responsible

Drivers (HGV/LGV/Machine)

Weighbridge Operative

Facility Manager

Processing Manager

Environmental Manager

Environmental Compliance Officer

Supervisor

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H.4 WASTE ARISING

Oxigen Environmental Ltd. is committed the prevention, minimisation and recovery of waste arising from on-site activities. A recycling scheme is in operation in the administration offices to encourage staff to reduce office paper and other wastes arising from office activities. Separate bins are provided in each office to segregate any waste that is produced to ensure that all waste is recycled where possible.

Separate bins are provided in the staff canteens where all waste are segregated. All staff are encouraged to reduce waste produced and to ensure any waste that is produced is correctly segregated for recycling.

Typical wastes arising from maintenance activities in the on-site garage include waste oil, waste oil filters, lead acid batteries, wipes and rags and contaminated absorbent material. All waste oils/liquids are stored in appropriately bunded containers until a permitted waste collection tanker arrives on-site to collect the waste oils. Waste oil is only sent to suitably licenced facilities. All solid wastes are stored in UN approved drums and on bunds where necessary. All wastes from the garage activities are only collected by permitted waste collectors and transferred to a suitably licenced/permited waste facility.

All waste is collected and transported to the facility in appropriately covered receptacles by vehicles that are permitted by a Waste Collection Permit. This is to prevent litter or spillages of waste during transportation. All waste that is accepted at the Facility is in accordance with the Waste Acceptance Procedure and the Receipt, Processing and Dispatch Procedure. All relevant staff are fully trained in these procedures. Operating in accordance with these procedures ensures that any non-acceptable or contaminated waste is quarantined so that it is not mixed with the waste pile in order to restrict the contamination that could render material not suitable for recycling.

Currently Oxigen Environmental Ltd. has agreement from the Agency to consign waste to an appropriate Licenced or Permitted Facility without requiring prior approval from

- the Agency. A register of all waste contractors and destinations of waste, including copies of Waste Collection Permits and Facility Licences or Permits are maintained up to date on-site at all times. Oxigen Environmental Ltd. wishes to up hold this agreement as part of the Licence review application.

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