

# Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

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Alan's Skip Hire Wales Limited

ASH Wrexham Recycling Centre  
Site One  
Redwither Road  
Wrexham Industrial Estate  
Wrexham  
LL13 9RD

Variation application number  
EPR/WP3094FB/V004

Permit number  
EPR/WP3094FB

# **ASH Wrexham Recycling Centre**

## **Permit number EPR/WP3094FB**

### **Introductory note**

#### **This introductory note does not form a part of the notice**

The following notice gives notice of the variation of an environmental permit.

This variation is to add waste wood shredding and metal removal (using magnets and/or eddy currents) from waste wood, for recovery and disposal purposes. The annual tonnage of waste that can be accepted by the site has been increased to 74, 999 tonnes and hazardous waste codes 16 01 04\* end of life vehicles and 16 01 07\* oil filters, have been removed.

Management documents have been incorporated into the varied permit in Schedule 1, Table S1.2 to reflect the additional activities of waste wood shredding and metal removal from waste wood.

Pre-treatment of waste for incineration or co-incineration of waste is a newly prescribed activity under the Industrial Emissions Directive. This activity is subject to Section 5.4 of the Environmental Permitting Regulations. Therefore, treatment limits have been included in Table S1.1 of this permit to reflect that the permit has been assessed on the basis that it is a waste facility, and to therefore prevent the site from operating over this threshold, and becoming an installation.

No other changes are made to the permit.

The schedules specify the changes made to the original permit.

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

**Status log of the permit**

| <b>Description</b>  | <b>Date</b>           | <b>Comments</b>   |
|---|-----------------------|---|
| Waste Management Licence issued (EAWML 37211)                                     | 09/03/00              | Original Waste Management Licence issued to A M Reclaim Limited   |
| Informative   | 07/02/01              | Change of operator name from A M Reclaim Limited to Alpha Environmental Management Ltd                              |
| Modification determined (EAWML 37211)   | 03/12/03              | Removal of financial provision condition  |
| Transfer determined (EAWML 37211)   | 09/06/05              | Full transfer of the permit from Alpha Environmental Management Ltd to Alan's Skip Hire Wales Limited               |
| Variation determined<br>EPR/WP3094FB/V002   | 22/03/13              | Regulator led variation and consolidation of existing permit into modern Environmental Permitting format conditions |
| Variation determined<br>EPR/WP3094FB/V003   | 10/12/13              | Minor technical variation with additional new waste code (19 08 01) issued  |
| Application<br>EPR/WP3094FB/V004  | Duly made<br>28/05/14 | Normal variation to add wood shredding and increase the annual throughput   |
| Additional information received in response to Schedule 5 notice sent on 17/09/14 | 24/11/14              | Revised dust management plan  |
|   | 13/02/15              | Fire prevention and risk plan   |
| Variation determined<br>EPR/WP3094FB  | 15/04/15              | Varied permit with wood shredding activity and 75, 000 tonnes annual throughput issued.                             |

End of introductory note

## Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

**Permit number**  
**EPR/WP3094FB**

**issued to:**  
**Alan’s Skip Hire Wales Limited** (“the operator”)

whose registered office is

**The Mill**  
**Morton**  
**Oswestry**  
**Salop**  
**SY10 8BH**

company registration number **05338002**

to operate a regulated facility at

**ASH Wrexham Recycling Centre**  
**Redwither Road**  
**Wrexham Industrial Estate**  
**Wrexham**  
**LL13 9RD**

to the extent set out in the schedules.

The notice shall take effect from 15/04/15

| Name               | Date            |
|--------------------|-----------------|
| <b>Holly Noble</b> | <b>15/04/15</b> |

Authorised on behalf of Natural Resources Wales

**Schedule 1 – conditions to be deleted**

None

**Schedule 2 – conditions to be amended**

The following conditions are amended as a result of the application made by the operator

# Schedule 1 - Operations

**Table S1.1 activities**

| Activity reference   | Description of activities for waste operations   | Limits of activities   |
|--|--|--|
| <b>A1 - Household, commercial and industrial waste transfer station with treatment</b> | <b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).           | All wastes shall be stored on an impermeable surface with a sealed drainage system.<br><br>No more than a total of 50 tonnes of intact and shredded waste vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored on site.               |
|  | <b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection on the site where it is produced).                      | Any wastes that consist solely or mainly of dusts, powders or loose fibres shall be stored in a container with a lid when stored externally.<br><br>Treatment consisting only of:<br>- manual sorting;<br>- mechanical sorting, and<br>- screening |
|  | <b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents.   | of wastes into different components for disposal or recovery.  |
|  | <b>R4:</b> Recycling/reclamation of metals and metal compounds.  | Treatment of waste shall take place on an impermeable surface with sealed drainage.  |
|  | <b>R5:</b> Recycling/reclamation of other inorganic compounds.   | Treatment of waste shall only take place within a building.  |
|  | <b>D9:</b> Physicochemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D1 to D12. | Inert waste may be stored and treated on impermeable surface with sealed drainage or hard standing.<br><br>WEEE shall be accepted on site for storage and bulking only prior to onward transport.<br><br>Waste types as set out in Table S2.1.     |

*Table continued overleaf*

**Table S1.1 activities**

| <b>Activity reference</b>                 | <b>Description of activities for waste operations</b>  | <b>Limits of activities</b>  |
|---|--|--|
| <b>A2 – Waste wood treatment activity</b> | <p><b>R3:</b> Recycling/reclamation of organic substances which are not used as solvents.</p> <p><b>R13:</b> Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).</p> <p><b>D9:</b> Physicochemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D1 to D12.</p> <p><b>D15:</b> Storage pending any of the operations numbered D1 to D14 (excluding temporary storage pending collection on the site where it is produced).</p> | <p>Treatment consisting only of:</p> <ul style="list-style-type: none"><li>- shredding;</li><li>- metal removal (magnets and/or eddy current);</li><li>- screening, and</li><li>- manual sorting</li></ul> <p>of waste wood for the purpose of recovery or disposal</p> <p>The treatment of wastes for the purpose of recovery or a mix of recovery and disposal of non-hazardous waste at the site shall be limited to 75 tonnes per day in total, for the pre-treatment of waste for incineration or co-incineration.</p> <p>Waste shall be stored and treated on an impermeable surface with a sealed drainage system.</p> <p>Waste types as set out in Table S2.2.</p> |

**Table S1.2 Operating techniques**

| <b>Description</b>  | <b>Parts</b>   | <b>Date Received</b> |
|---|--|----------------------|
| How to comply with your environmental permit  | All  | N/A                  |
| Additional information received following informal request for information sent on 10/09/13   | Site specific environmental risk assessment acceptance of EWC 19 08 01, version 1.0<br>All parts             | 17/09/13             |
| Additional information received following informal request for information sent on 05/11/13   | Odour management plan version 1.1<br>All parts   | 06/11/13             |
| Additional information received following Schedule 5 request for information sent on 17/09/14 | Dust (including fibres and particulate matter) Management Plan and Dustscan Report Oct 2014 version 1.0      | 24/11/14             |
| Additional information received following Schedule 5 request for information sent on 17/09/14 | Fire Prevention and Response Plan version 2.1 Doc.Ref: 2520426-J   | 13/02/15             |
| Additional information received following informal request for information sent on 10/03/15   | Email confirming that the applicant will apply for a European Protected Species Licence                      | 23/03/15             |
| Additional information received following Schedule 5 request for information sent on 17/09/14 | Management System Version 5.0, Document Reference: 2520/426/EMS/01<br>Section 3.4 Waste treatment operations | 24/11/14             |

## Schedule 2 – Waste types, raw materials and fuels

**Table S2.1 Permitted waste types and quantities for household, commercial and industrial waste transfer station with treatment****Maximum quantity**

The total quantity of waste accepted at the whole site must not exceed 74,999 tonnes per year.

**Exclusions**

Wastes having any of the following characteristics shall not be accepted:

- Hazardous wastes

| <b>Waste code</b> | <b>Description</b> |
|-------------------|--------------------|
|-------------------|--------------------|

|           |  |
|-----------|--|
| <b>01</b> | <b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b> |
|-----------|--|

|              |                                       |
|--------------|---------------------------------------|
| <b>01 01</b> | <b>wastes from mineral excavation</b> |
|--------------|---------------------------------------|

|          |  |
|----------|--|
| 01 01 01 | wastes from mineral metalliferous excavation |
|----------|--|

|          |  |
|----------|--|
| 01 01 02 | wastes from mineral non-metalliferous excavation |
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|--------------|---|
| <b>01 03</b> | <b>wastes from physical and chemical processing of metalliferous minerals</b>   |
| 01 03 06     | tailings other than those mentioned in 01 03 04 and 01 03 05  |
| 01 03 08     | dusty and powdery wastes other than those mentioned in 01 03 07   |
| <b>01 04</b> | <b>wastes from physical and chemical processing of non-metalliferous minerals</b>   |
| 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     | wastes from stone cutting and sawing other than those mentioned in 01 04 07   |
| <b>02</b>    | <b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>   |
| <b>02 01</b> | <b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>  |
| 02 01 03     | plant-tissue waste  |
| 02 01 04     | waste plastics (except packaging)   |
| 02 01 07     | wastes from forestry  |
| 02 01 10     | waste metal   |
| <b>02 03</b> | <b>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</b> |
| 02 03 04     | materials unsuitable for consumption or processing  |
| <b>02 04</b> | <b>wastes from sugar processing</b>   |
| 02 04 01     | soil from cleaning and washing beet   |
| 02 04 02     | off-specification calcium carbonate   |
| <b>02 06</b> | <b>wastes from the baking and confectionery industry</b>  |
| 02 06 01     | materials unsuitable for consumption or processing  |
| 02 06 02     | wastes from preserving agents   |
| <b>03</b>    | <b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>  |
| <b>03 01</b> | <b>wastes from wood processing and the production of panels and furniture</b>   |
| 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   |
| <b>03 03</b> | <b>wastes from pulp, paper and cardboard production and processing</b>  |
| 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   |
| <b>04</b>    | <b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>  |
| <b>04 01</b> | <b>wastes from the leather and fur industry</b>   |
| 04 01 08     | waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium   |
| 04 01 09     | wastes from dressing and finishing  |
| <b>04 02</b> | <b>wastes from the textile industry</b>   |
| 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 15     | wastes from finishing other than those mentioned in 04 02 14  |
| 04 02 17     | dystuffs and pigments other than those mentioned in 04 02 16  |
| 04 02 21     | wastes from unprocessed textile fibres  |
| 04 02 22     | wastes from processed textile fibres  |

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| <b>05</b>    | <b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>  |
| <b>05 01</b> | <b>wastes from petroleum refining</b>  |
| 05 01 16     | sulphur-containing wastes from petroleum desulphurisation  |
| 05 01 17     | bitumen  |
| <b>05 06</b> | <b>wastes from the pyrolytic treatment of coal</b>   |
| 05 06 04     | waste from cooling columns   |
| <b>05 07</b> | <b>wastes from natural gas purification and transportation</b>   |
| 05 07 02     | wastes containing sulphur  |
| <b>06</b>    | <b>WASTES FROM INORGANIC CHEMICAL PROCESSES</b>  |
| <b>06 03</b> | <b>wastes from the MFSU of salts and their solutions and metallic oxides</b>   |
| 06 03 16     | metallic oxides other than those mentioned in 06 03 15   |
| <b>06 06</b> | <b>wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes</b>  |
| 06 06 03     | wastes containing sulphides other than those mentioned in 06 06 02   |
| <b>06 09</b> | <b>wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes</b>  |
| 06 09 02     | phosphorous slag   |
| 06 09 04     | calcium-based reaction wastes other than those mentioned in 06 09 03   |
| <b>06 11</b> | <b>wastes from the manufacture of inorganic pigments and opacifiers</b>  |
| 06 11 01     | calcium-based reaction wastes from titanium dioxide production   |
| <b>06 13</b> | <b>wastes from inorganic chemical processes not otherwise specified</b>  |
| 06 13 03     | carbon black   |
| <b>07</b>    | <b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>  |
| <b>07 02</b> | <b>wastes from the MFSU of plastics, synthetic rubber and man-made fibres</b>  |
| 07 02 13     | waste plastic  |
| 07 02 15     | wastes from additives other than those mentioned in 07 02 14   |
| 07 02 17     | wastes containing silicones other than those mentioned in 07 02 16   |
| <b>07 05</b> | <b>wastes from the MFSU of pharmaceuticals</b>   |
| 07 05 14     | solid wastes other than those mentioned in 07 05 13  |
| <b>08</b>    | <b>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</b> |
| <b>08 01</b> | <b>wastes from MFSU and removal of paint and varnish</b>   |
| 08 01 18     | wastes from paint or varnish removal other than those mentioned in 08 01 17  |
| <b>08 02</b> | <b>wastes from MFSU of other coatings (including ceramic materials)</b>  |
| 08 02 01     | waste coating powders  |
| <b>08 03</b> | <b>wastes from MFSU of printing inks</b>   |
| 08 03 18     | waste printing toner other than those mentioned in 08 03 17  |
| <b>08 04</b> | <b>wastes from MFSU of adhesives and sealants (including waterproofing products)</b>   |
| 08 04 10     | waste adhesives and sealants other than those mentioned in 08 04 09  |
| <b>09</b>    | <b>WASTES FROM THE PHOTOGRAPHIC INDUSTRY</b>   |
| <b>09 01</b> | <b>wastes from the photographic industry</b>   |
| 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   |
| <b>10</b>    | <b>WASTES FROM THERMAL PROCESSES</b>   |
| <b>10 01</b> | <b>wastes from power stations and other combustion plants (except 19)</b>  |
| 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 05     | calcium-based reaction wastes from flue-gas desulphurisation in solid form   |

|              |  |
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| 10 01 15     | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14     |
| 10 01 17     | fly ash from co-incineration other than those mentioned in 10 01 16                              |
| 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 01 25     | wastes from fuel storage and preparation of coal-fired power plants                              |
| <b>10 02</b> | <b>wastes from the iron and steel industry</b>   |
| 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  |
| <b>10 03</b> | <b>wastes from aluminium thermal metallurgy</b>  |
| 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 20     | flue-gas dust other than those mentioned in 10 03 19   |
| 10 03 22     | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21    |
| 10 03 24     | solid wastes from gas treatment other than those mentioned in 10 03 23                           |
| 10 03 30     | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29     |
| <b>10 05</b> | <b>wastes from zinc thermal metallurgy</b>   |
| 10 05 01     | slags from primary and secondary production  |
| 10 05 04     | other particulates and dust  |
| 10 05 11     | dross and skimmings other than those mentioned in 10 05 10                                       |
| <b>10 06</b> | <b>wastes from copper thermal metallurgy</b>   |
| 10 06 01     | slags from primary and secondary production  |
| 10 06 02     | dross and skimmings from primary and secondary production  |
| 10 06 04     | other particulates and dust  |
| <b>10 07</b> | <b>wastes from silver, gold and platinum thermal metallurgy</b>                                  |
| 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  |
| <b>10 08</b> | <b>wastes from other non-ferrous thermal metallurgy</b>  |
| 10 08 04     | particulates and dust  |
| 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 16     | flue-gas dust other than those mentioned in 10 08 15   |
| 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                       |
| <b>10 09</b> | <b>wastes from casting of ferrous pieces</b>   |
| 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 10     | flue-gas dust other than those mentioned in 10 09 09   |
| 10 09 12     | other particulates other than those mentioned in 10 09 11  |

|              |   |
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| 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   |
| <b>10 10</b> | <b>wastes from casting of non-ferrous pieces</b>  |
| 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 10     | flue-gas dust other than those mentioned in 10 10 09  |
| 10 10 12     | other particulates other than those mentioned in 10 10 11   |
| 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   |
| <b>10 11</b> | <b>wastes from manufacture of glass and glass products</b>  |
| 10 11 03     | waste glass-based fibrous materials   |
| 10 11 05     | particulates and dust   |
| 10 11 10     | waste preparation mixture before thermal processing, other than those mentioned in 10 11 09                           |
| 10 11 12     | waste glass other than those mentioned in 10 11 11  |
| 10 11 16     | solid wastes from flue-gas treatment other than those mentioned in 10 11 15   |
| 10 11 18     | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17                               |
| 10 11 20     | solid wastes from on-site effluent treatment other than those mentioned in 10 11 19                                   |
| <b>10 12</b> | <b>wastes from manufacture of ceramic goods, bricks, tiles and construction products</b>                              |
| 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 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  |
| <b>10 13</b> | <b>wastes from manufacture of cement, lime and plaster and articles and products made from them</b>                   |
| 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 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  |
| <b>11</b>    | <b>WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY</b> |
| <b>11 02</b> | <b>wastes from non-ferrous hydrometallurgical processes</b>   |
| 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                                |
| <b>11 05</b> | <b>wastes from hot galvanising processes</b>  |
| 11 05 01     | hard zinc   |
| 11 05 02     | zinc ash  |

|              |   |
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| <b>12</b>    | <b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>   |
| <b>12 01</b> | <b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>   |
| 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 13     | welding wastes  |
| 12 01 17     | waste blasting material other than those mentioned in 12 01 16  |
| 12 01 21     | spent grinding bodies and grinding materials other than those mentioned in 12 01 20   |
| <b>15</b>    | <b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>   |
| <b>15 01</b> | <b>packaging (including separately collected municipal packaging waste)</b>   |
| 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   |
| <b>15 02</b> | <b>absorbents, filter materials, wiping cloths and protective clothing</b>  |
| 15 02 03     | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02  |
| <b>16</b>    | <b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>   |
| <b>16 01</b> | <b>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)</b> |
| 16 01 03     | end-of-life tyres   |
| 16 01 06     | end-of-life vehicles, containing neither liquids nor other hazardous components   |
| 16 01 12     | brake pads other than those mentioned in 16 01 11   |
| 16 01 17     | ferrous metal   |
| 16 01 18     | non-ferrous metal   |
| 16 01 19     | plastic   |
| 16 01 20     | glass   |
| <b>16 02</b> | <b>wastes from electrical and electronic equipment</b>  |
| 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  |
| <b>16 03</b> | <b>off-specification batches and unused products</b>  |
| 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   |
| <b>16 06</b> | <b>batteries and accumulators</b>   |
| 16 06 04     | alkaline batteries (except 16 06 03)  |
| 16 06 05     | other batteries and accumulators  |
| <b>16 08</b> | <b>spent catalysts</b>  |
| 16 08 01     | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)   |
| 16 08 03     | spent catalysts containing transition metals or transition metal compounds not otherwise specified  |

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| <b>16 11</b> | <b>waste linings and refractories</b>  |
| 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   |
| <b>17</b>    | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>   |
| <b>17 01</b> | <b>concrete, bricks, tiles and ceramics</b>  |
| 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  |
| <b>17 02</b> | <b>wood, glass and plastic</b>   |
| 17 02 01     | wood   |
| 17 02 02     | glass  |
| 17 02 03     | plastic  |
| <b>17 03</b> | <b>bituminous mixtures, coal tar and tarred products</b>   |
| 17 03 02     | bituminous mixtures other than those mentioned in 17 03 01   |
| <b>17 04</b> | <b>metals (including their alloys)</b>   |
| 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  |
| <b>17 05</b> | <b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>  |
| 17 05 04     | soil and stones other than those mentioned in 17 05 03   |
| 17 05 06     | dredging spoil other than those mentioned in 17 05 05  |
| 17 05 08     | track ballast other than those mentioned in 17 05 07   |
| <b>17 06</b> | <b>insulation materials and asbestos-containing construction materials</b>   |
| 17 06 04     | insulation materials other than those mentioned in 17 06 01 and 17 06 03   |
| <b>17 08</b> | <b>gypsum-based construction material</b>  |
| 17 08 02     | gypsum-based construction materials other than those mentioned in 17 08 01   |
| <b>17 09</b> | <b>other construction and demolition wastes</b>  |
| 17 09 04     | mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03   |
| <b>18</b>    | <b>WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)</b>                                 |
| <b>18 01</b> | <b>wastes from natal care, diagnosis, treatment or prevention of disease in humans</b>   |
| 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 09     | medicines other than those mentioned in 18 01 08   |
| <b>18 02</b> | <b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>   |
| 18 02 03     | wastes whose collection and disposal is not subject to special requirements in order to prevent infection  |
| 18 02 06     | chemicals other than those mentioned in 18 02 05   |
| 18 02 08     | medicines other than those mentioned in 18 02 07   |

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| <b>19</b>    | <b>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</b> |
| <b>19 01</b> | <b>wastes from incineration or pyrolysis of waste</b>  |
| 19 01 02     | ferrous materials removed from bottom ash  |
| 19 01 12     | bottom ash and slag other than those mentioned in 19 01 11   |
| 19 01 14     | fly ash other than those mentioned in 19 01 13   |
| 19 01 16     | boiler dust other than those mentioned in 19 01 15   |
| 19 01 18     | pyrolysis wastes other than those mentioned in 19 01 17  |
| 19 01 19     | sands from fluidised beds  |
| <b>19 02</b> | <b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>  |
| 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   |
| <b>19 03</b> | <b>stabilised/solidified wastes <sup>1</sup></b>   |
| 19 03 05     | stabilised wastes other than those mentioned in 19 03 04   |
| 19 03 07     | solidified wastes other than those mentioned in 19 03 06   |
| <b>19 04</b> | <b>vitrified waste and wastes from vitrification</b>   |
| 19 04 01     | vitrified waste  |
| <b>19 05</b> | <b>wastes from aerobic treatment of solid wastes</b>   |
| 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  |
| <b>19 08</b> | <b>wastes from waste water treatment plants not otherwise specified</b>  |
| 19 08 01     | screenings   |
| 19 08 02     | waste from desanding   |
| <b>19 09</b> | <b>wastes from the preparation of water intended for human consumption or water for industrial use</b>   |
| 19 09 01     | solid waste from primary filtration and screenings   |
| 19 09 04     | spent activated carbon   |
| 19 09 05     | saturated or spent ion exchange resins   |
| <b>19 10</b> | <b>wastes from shredding of metal-containing wastes</b>  |
| 19 10 01     | iron and steel waste   |
| 19 10 02     | non-ferrous waste  |
| 19 10 04     | fluff-light fraction and dust other than those mentioned in 19 10 03   |
| 19 10 06     | other fractions other than those mentioned in 19 10 05   |
| <b>19 12</b> | <b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>  |
| 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 12     | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11  |
| <b>19 13</b> | <b>wastes from soil and groundwater remediation</b>  |
| 19 13 02     | solid wastes from soil remediation other than those mentioned in 19 13 01  |

<sup>1</sup> Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

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| <b>20</b>    | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b> |
| <b>20 01</b> | <b>separately collected fractions (except 15 01)</b>   |
| 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 28     | paint, inks, adhesives and resins other than those mentioned in 20 01 27   |
| 20 01 32     | medicines other than those mentioned in 20 01 31   |
| 20 01 34     | batteries and accumulators other than those mentioned in 20 01 33  |
| 20 01 36     | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35                                    |
| 20 01 38     | wood other than that mentioned in 20 01 37   |
| 20 01 39     | plastics   |
| 20 01 40     | metals   |
| 20 01 41     | wastes from chimney sweeping   |
| <b>20 02</b> | <b>garden and park wastes (including cemetery waste)</b>   |
| 20 02 01     | biodegradable waste  |
| 20 02 02     | soil and stones  |
| 20 02 03     | other non-biodegradable wastes   |
| <b>20 03</b> | <b>other municipal wastes</b>  |
| 20 03 01     | mixed municipal waste  |
| 20 03 02     | waste from markets   |
| 20 03 03     | street-cleaning residues   |
| 20 03 07     | bulky waste  |

**Table S2.2 Permitted waste types and quantities for waste wood treatment activity**

**Maximum quantity**

The total quantity of waste accepted at the whole site must not exceed 74,999 tonnes per year.

**Exclusions**

Wastes having any of the following characteristics shall not be accepted:

- Hazardous wastes

| <b>Waste code</b> | <b>Description</b> |
|-------------------|--------------------|
|-------------------|--------------------|

|              |   |
|--------------|---|
| <b>02</b>    | <b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b> |
| <b>02</b>    | <b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>                                  |
| 02 01 03     | plant-tissue waste (excluding biodegraded plant-tissue)   |
| <b>03</b>    | <b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>                  |
| <b>03 01</b> | <b>wastes from wood processing and the production of panels and furniture</b>   |
| 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                       |
| <b>03 03</b> | <b>wastes from pulp, paper and cardboard production and processing</b>  |
| 03 03 01     | waste bark and wood   |
| <b>15</b>    | <b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>       |

|              |  |
|--------------|--|
| <b>15 01</b> | <b>packaging (including separately collected municipal packaging waste)</b>  |
| 15 01 03     | wooden packaging   |
| <b>17</b>    | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>   |
| <b>17 02</b> | <b>wood, glass and plastic</b>   |
| 17 02 01     | wood   |
| <b>19</b>    | <b>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</b> |
| <b>19 12</b> | <b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>  |
| 19 12 07     | wood other than that mentioned in 19 12 06   |
| <b>20</b>    | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>                                 |
| <b>20 02</b> | <b>garden and park wastes (including cemetery waste)</b>   |
| 20 02 01     | biodegradable waste (excluding biodegraded garden and park wastes)   |

**Schedule 3 – conditions to be added**

None