

**SCOTTISH ENVIRONMENT PROTECTION AGENCY**  
**PROPOSED ENVIRONMENTAL REGULATION (SCOTLAND) CHARGING**  
**SCHEME: ANNEX C**

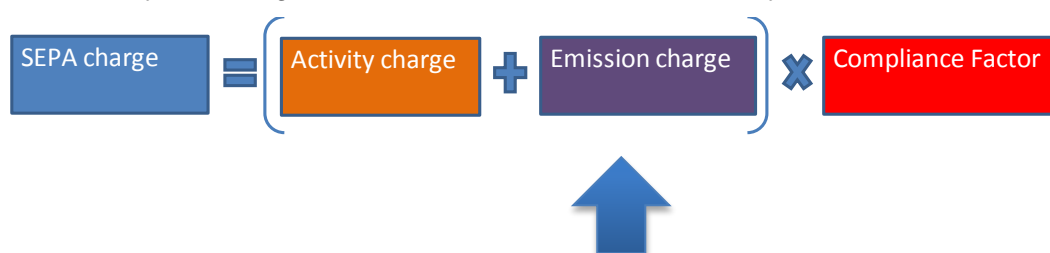
**DEVELOPMENT OF THE EMISSION ASSESSMENT SCHEME**

**1. OVERVIEW**

1.1 This document is an Annex to our consultation on the Proposed New SEPA Regulatory Charging Scheme. Our consultation proposals for charging for annual subsistence in this framework involve three charging components:

- Activity Charge,
- Emissions Charge, and
- Compliance Charge.

1.2 The way the charge is calculated is shown schematically below:



1.3 This Annex C provides a detailed description of how we developed the Emissions Assessment Scheme (EAS). You should read this Annex if you want to know more about how to calculate an emission score. This score can be turned into an variable Emission Charge by multiplying it by the Emission Financial Factor in the legal Scheme.

1.4 The Emission Charge provides the basis upon which some of our indirect costs (e.g. those associated with our Environmental Monitoring Programmes) are allocated to permits.

1.5 This document provides details of the EAS methodology, as well as the assumptions and data used to calculate the emissions score. After consultation we aim to publish a revised version of the Emissions Assessment Scheme, together with the resultant emission scores for each licence.

**2. BACKGROUND**

2.1 This document explains how the proposed EAS calculates an Emissions Score for:

- emissions to air,
- discharges to water,
- water abstractions,
- water impoundments, and
- waste management.

2.2 The proposed EAS looks to calculate the scale of activities in an environmentally meaningful way. This means that if an operator reduces the scale of their environmental footprint, there is a good likelihood that their charges will fall.

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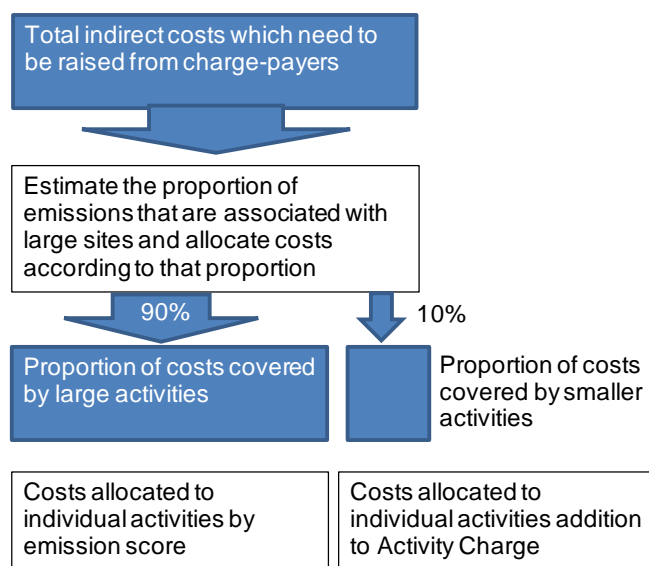
- 2.3 Our proposal is that the variable Emission Charge should only apply to larger sites with significant levels of releases. This is because such sites:
- have good data available which is reported to SEPA;
  - are typically responsible for the bulk of the emission, abstraction, impoundment and waste throughput; and
  - attract most of the costs of our environmental monitoring programmes.
- 2.4 For smaller activities, the baseline indirect costs associated with our monitoring programmes are included in the baseline Emission Charge which is added to the Activity Charge in proportion to the Activity Charge (see Annex B for details).
- 2.5 This approach of only applying the emissions charge to large sites keeps the new charging scheme simpler, easier to administer and understand, while having lower administration costs.
- 2.6 A permit will attract a variable Emissions Charge for air, water quality and waste if the calculated EAS score is >1.
- 2.7 For water abstraction and impoundments a direct emission charge applies when an abstraction is greater than 2000 m<sup>3</sup>/day (and for now Hydro schemes >2MW) and for impoundments if the total volume is greater than 25 ML (mega litres).
- 2.8 Many sites will have emissions below this. To keep things simple, we have identified activity types where it is not possible for the EAS to exceed a score of one. They will be identified in legal scheme Table as not requiring a variable Emissions Charge. There will also be some activity types where the EAS does need to be looked up – but falls below one. Again here the Emissions Charge element will not apply.

**3. SPLITTING LARGE FROM SMALL ACTIVITIES**

- 3.1 Looking to link the Emission Charge to the larger activities, we aimed to identify sites that have current reporting mechanisms (covering about 90% of the emissions we regulate). Our total monitoring costs were then allocated with 90% of the costs allocated to the large activities and 10% to the baseline Emission Charge.

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**Figure 1 - Proposed approach to distributing costs**



3.2 In practice, the actual proportion of the emissions covered by the definition of large activities varied according to the Scheme categories. This was due to factors such as: -

- The profile of activity scale across a Scheme category varied. In some cases a relatively small number of sites were responsible for a large proportion of the emissions (e.g. about 80% of emissions were from the top 10 sites for emissions to air).
- Availability of data varied across Scheme categories. For example, we have very good information on waste throughput from waste management site returns; whereas for discharges to water the information available on sites is variable.

**Distribution of Indirect Costs for Sites with Low level of Emissions**

3.3 We did an initial assessment of the proportion of the emissions that are produced by the sites, which we have defined as large (see Table 1). For example, for emissions score to air, the 20% of large sites account for 90% to 95% of the total emissions. For Waste management 30% of sites are responsible for 85% to 95% of the emissions score.

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**Table 1**  
**Definition of large sites**

	<b>% of regulated activities defined as Large</b>	<b>Estimated % “emission” from Large activities</b>	<b>Proposed % allocation of costs to Emissions Charge</b>
Emission to air	20%	90-95%	90%
Discharges to water	20%	90-95%	90%
Waste management	30%	85-95%	90%
Abstractions	15%	95-98%	90%
Impoundments (>25ML)	100%	100%	100%

Note: Only large impoundments (>25ML) are subject regulation and therefore all will be subject to an emission charge.

- 3.4 This led us to conclude that these large sites should be responsible for funding 90% of the indirect costs associated with our environmental monitoring programmes. These costs are then allocated to individual sites on the basis of the emission score.
- 3.5 The remaining 10% is then raised via the baseline Emission Charge which is spread in proportion to the Activity Charge of a permit. As noted above, we will seek to identify as many of activity types as possible in the table in the Legal Scheme which will not attract a variable Emissions Charge.

#### **4. EMISSIONS TO AIR**

##### **Comparison of old and proposed schemes**

- 4.1 Our existing PPC charges are based upon categories of regulated activities. The charges are not good at distinguishing well between activities that have different scales of emissions. We believe that it is better to relate the charge (in part) to the scale of releases described in an environmentally relevant way.
- 4.2 We are therefore proposing, in the new Scheme, that an element of the charge be based upon the actual pollutant load emitted as reported to SPRI. Our proposals are spelt out below.

##### **Calculation of assessed emission score to air**

- 4.3 In order to calculate the Emission Score for emissions to air, the following steps are applied:
- i). The average mass (kg) released for each pollutant is calculated over a

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three-year period. Where the released amount is below the SPRI Reporting Threshold (BRT) for all 3 years, it is assumed to be a zero emission. If there is a report above the BRT for at least one year, then the average is based on 50% of BRT for the BRT years plus the value reported above BRT. Note, in general, years where a site is recorded as being mothballed would not be considered in the calculation the exception maybe where only part of a site which is mothballed.

- ii). The mass emission for each pollutant calculated at step 1 is divided by a threshold (in kg). Tables of the thresholds used are appended. The intention is to normalise the pollutant emissions against environmental hazard. These thresholds are derived from one of the following:
- the Environmental Assessment Level (EAL) - from table B5 of H1<sup>1</sup> annex F 2011;
  - using the methodology set out in table B7 of H1 annex F 2011 using the HSE EH40;
  - a factor based on the GHG potential - H1 2003;
  - a factor using the a similar threshold found in the EA's charging scheme (July 2014);
  - OSHA occupational exposure limits and then the methodology set out in table B7 of H1 annex F 2011 but using OSHA data rather than HSE EH40; or
  - from another assessment.
- iii). The resultant score allows a comparable load factor to be estimated for each pollutant. This process is repeated for each pollutant and resulting scores are summed to give a total emission score for the air emissions for the permit. This “relative” number can be used to compare the scale of air emissions from sites in an environmentally meaningful way.
- iv). The square root of the total score is then calculated to give the Emission Score for emissions to air.

## **5. DISCHARGES TO WATER**

### **Comparison of old and proposed schemes**

- 5.1 Our existing water discharge charging scheme includes two sets of charging bands: flow and content.
- 5.2 These bands act as a simple measure of the pollutant load emitted. The old scheme is based upon the pollutant limits specified in the licence, not the amount of the pollutants actually released. So if hazardous substances are listed in the permit, it can lead to charges being hundreds of thousands of pounds. But if they are discharged at levels well below the permitted levels, it may lead to charges not being fully cost-reflective.

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<sup>1</sup> IPPC H1 - Horizontal Guidance Note : Assessment & Appraisal of BAT

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- 5.3 Our proposed new Scheme takes account of the actual pollutant load emitted. This data is based upon SPRI submissions and from our monitoring data. So the contribution hazardous substances make to the charge will reflect actual releases and therefore be more cost reflective.

**Calculation of assessed emission score**

- 5.4 There are a number of different scenarios for assessing discharges to water. To calculate the Emission Score for these, we are proposing the EAS works as follows:

SPRI Reported Pollutants:

- i). The average mass (kg) released for each pollutant is calculated over a three-year period. Where the released amount is below the reporting threshold (BRT) for all three years it is assumed to be a zero emission, if there is a report above the BRT for at least one year then the average is based on 50% of BRT for the BRT years plus the value reported above BRT. Note, in general, years where a site is recorded as being mothballed or fallow would not be considered in the calculation, the exception maybe where only part of a site is mothballed.

Pollutants not reported via SPRI:

- i). The discharge concentration is calculated if there is at least 6 samples in a four year period. Ideally we use a three-year average (where we have 6 or more samples available) otherwise it will be a four-year average (where we have 6 or more samples).
- ii). The annual discharge flow is derived from (in order of priority):
- For Scottish Water sewage treatment works by taking the population equivalent (PE) multiplied by 365 days x 414 litres / day (this value is based on an assessment of the relationship of PE and flow for STW where there are measured flows);
  - Taking measured flows provided by operators or ourselves and recorded on our systems;
  - Using 75% of the mean daily flow limit;
  - Using the dry weather flow; and
  - Taking the bottom of the current charge band for which the discharge is currently in.
- iii). The load for each pollutant is calculated by multiplying the concentration by the annual discharge flow.

Combined sewer overflows

- i). Insufficient flow or concentration data is available to properly calculate the pollutant mass emission for combined sewer overflows directly. Consequently the following approach has been used:
- The pollutant mass emission from sewage networks is taken as 20% of that produced by the relevant sewage treatment works final effluent load.
  - The pollutant mass emission from the combined sewer overflows at

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sewage treatment works is assumed to be 20% of the sewage treatment final effluent load.

- 5.5 The emission score for the discharges to water from a site is then calculated as follows:
- i). The annual pollutant mass emission is divided by a threshold (kg) based on the Environmental Quality Standard (EQS) or derived value to give a specific pollutant score. The thresholds used are given in Appendix C3..
  - ii). The resultant score allows a comparable load factor to be estimated for each pollutant. This process is repeated for each pollutant and resulting scores are summed to give a total emission score for the water discharges covered by the permit. This “relative” number can be used to compare the scale of water emissions from sites in an environmentally meaningful way.
  - iii). The square root of the score is then calculated.

## **6. WATER ABSTRACTIONS**

### **Comparison of old and proposed schemes**

- 6.1 The existing water charging scheme has charges based on the following:
- permitted abstraction volume;
  - loss factor;
  - length of river affected (including whether the water is returned or not);
  - source of abstraction;
  - the number of abstraction points
  - how much of the water is abstracted and returned; and
  - seasonality (what time of year the water was abstracted).
- 6.2 The existing CAR Charging Scheme therefore bases the charge on the abstraction volume as set in the licence. Under the proposed new scheme the Emissions Charge element will continue to be based on licenced abstraction volumes. In the old scheme abstractions are charged on the basis of abstraction volume bands where as in the new scheme we will use the actual licenced volume.
- 6.3 Under the old scheme volume (as modified by the factors above) was used to allocate all costs. Emissions Charge will only be used to allocate the indirect costs whilst the direct costs will be picked up through the Activity Charge.
- 6.4 This will improve the cost reflectivity of the charges.

### **Calculation of assessed emission score**

- 6.5 We propose to simplify the way of calculating the charges and base the charge upon the
- maximum licenced abstraction volume,
  - length of river affected, and

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- time of year that water is abstracted.
- 6.6 We propose to retain the rule from the CAR charging scheme which charges for water abstraction once. This is important in situations where water is abstracted many times during its passage down a cascade (e.g. a major hydropower scheme).
- 6.7 The Emission Score for water abstractions greater than >2000 m<sup>2</sup>/day (or for hydro schemes >2MW) is then calculated as follows:
- i). Take the square root of the maximum daily abstraction volume (cubic metres) listed in the licence.
  - ii). Multiply it by the relevant factors for length of river affected and seasonality (Table 2).

**Table 2**  
**Length of river and seasonality factors**

Length of river	Factor	Seasonality	Factor
Le1 Returned < 500m from Abstraction = now 0.1. This is applied to all hydro schemes where the charge came under the less than 5MW threshold.	0.1	Se1 Winter (Nov – March)	0.21
Le2 Returned 500m to <1km from Abstraction	0.9	Se2 Summer only (April – Oct.)	0.79
Le3 Returned 1km to 5km from Abstraction	1.3	Se3 All year	1
Le4 Returned > 5km from Abstraction	1.9		
Le5 - no return of water = (this is applied when the previous consumptive factor was Lo3 OR the previous Length Affected Factor is Le4 and the previous consumptive factor was Lo2).	3.5		



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**7. WATER IMPOUNDMENTS**

**Comparison of old and proposed schemes**

- 7.1 As with Abstractions above, we propose to base the Emissions Charge element for Impoundments on the permitted conditions, but again only allocate the indirect cost to this element of the charge.
- 7.2 The existing scheme for Impoundments has the following charging bands:
- impounded volume,
  - presence of a fish pass and
  - number of impoundments
- 7.3 We propose to simplify this part of the Scheme and only relate charges to the permitted impoundment volume.

**Calculation of assessed emission score**

- 7.4 The Emission Score for water impoundments is then calculated by taking the square root of the maximum daily impounded volume (cubic metres) listed in the permit.

**8. MANAGEMENT OF WASTE**

**Comparison of old and proposed schemes**

- 8.1 The existing Waste Management scheme was originally designed in the early 1990's. It is highly complex involving hundreds of different charges. The waste management industry has changed significantly since then, with the whole industry moving from disposal to recycling and recovery of waste materials.
- 8.2 As a consequence, we propose a substantial reworking of the charging scheme. It should be stressed that the waste management module of the scheme includes all waste management activities, including activities such as landfill sites, which are currently part of the PPC charging scheme.
- 8.3 Our proposed waste management charges are based on two parts:
- Type of waste material handled. We used the European Waste Category (EWC) Table B returns, which are made by all permitted waste management sites. EWC Table B records the type and quantity of waste entering a site. This moves the Scheme away from permitted capacity as used at present, to using data on the actual waste handled over the previous three years. We have categorised the waste into the following three hazard categories (high, medium and low) and derived charging scheme factors for these (see Table 3).
  - Management of the waste. The second component of the scheme relates to whether material is recovered/recycled, energy is recovered, or everything disposed (also shown on Table 3).

**Table 3**

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**Material hazard and waste management activity factors**

Material hazard	Factor	Waste management activity	Factor
low	1	Material recovery/recycling	1
medium	4	Energy recovery only	3
high	5	Disposal (landfill)	5

- 8.4 We believe that using actual data on the type and quantity of waste handled and how it is managed will produce a fairer mechanism for allocating indirect costs to waste management facilities. It may provide an incentive to reduce the environmental significance of activities. It will also mean that charges for landfills should reduce as the waste management industry moves away from disposal at landfill sites to material recovery and recycling.

**Calculation of assessed emission score**

- 8.5 The emission score for the management of waste from a site is then calculated by SEPA based on waste data returns as follows:
- i). The site return data is used to calculate the average annual tonnage for each EWC code over the past three years. If no waste data return is provided then the licenced tonnage for the site will be used.
  - ii). Each EWC code is categorised as high, medium or low risk using Table 11.1 in Appendix C6.
  - iii). Each EWC code is categorised on the basis of whether it contributes to material recovery/recycling, recovery of heat only or disposal of the material on-site.
  - iv). The tonnages which have been categorised the same way are added up and then divide the tonnages by the thresholds listed in table 4 below.
  - v). The emission load of all waste handled by the site are then added up to create a single emission load for the site.
  - vi). Take the square root of the site load to give the emission score for the site.

Using (i) to (vi) generate an emission score for the site.

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**Table 4:**  
**Waste throughput thresholds by treatment / disposal mechanism**

Type of waste	Treatment / disposal mechanism (tonnes)			
	Waste which is incinerated	Waste which is landfilled	All onsite treatment	All other methods of handling waste
Low risk	20,000	12,000	60,000	60,000
Medium risk	5000	3000	15,000	15,000
High risk	4000	2400	12,000	12,000

**9. CALCULATING THE EMISSION SCORE WHEN THERE IS NO DATA**

9.1 There will be a number of circumstances under which there is no data available to calculate an emission score. This could be due to issues such as:

- The permit relates to a new site/activity and so there is no historic information on actual emissions;
- The permit relates to a substantial change at existing site; or
- It is a site returning to operation after mothballing or following a period of being fallow (fish farms).

9.2 Under such circumstances where data is not available we are proposing that the Emissions Score for air, water and waste should be calculated using the same emission score methodology for existing sites except the:

- mass emissions calculated for air and water is 50% of the maximum estimated releases identified for the main pollutants for the applied for activities.
- waste throughput will be taken as 50% of the maximum wastes (permitted on the licence) which the site will handle on a daily basis scaled up on a pro-rata basis of operating days. This will not apply to existing sites where operators have failed to provide waste data returns— for these the full licenced tonnages will be used.

9.3 Since water abstractions are based on licenced volumes then this volume would be used as per existing sites.

9.4 Similarly impoundments are also based on licenced volumes so this volume will be used as per existing sites.

9.5 For permits that are subject to a mothballing agreement, they have no emissions and so we will not apply an Emissions Charge.

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**APPENDIX C1**

**AIR FACTORS**

The air factors are based on EALs (table B5 of the EA's H1 Annex F v2.2 December 2011) or derived from HSE (EH40) or OSHA or otherwise specified.

**Table 6-1: Factors based on EALs or derived from HSE (EH40) or OSHA or EA charging scheme.**

Material	Air Factor	Comment
Acetaldehyde	370	Table B5
Ammonia	180	Table B5
Antimony	5	Table B5
Arsenic	0.2	HSE EH40 and methodology in Table B7
Benzene	16.25	Table B5
Benzo(a) pyrene	0.5	OSHA exposure limits
Butadiene	44	HSE EH40 and methodology in Table B7
Cadmium	0.005	Table B5
Carbon disulphide	64	Table B5
Chloroform	99	Table B5
Chromium	5	Table B5
Dioxins and furans - as ITEQ	0.00001	Derived other
Ethylbenzene	4410	Table B5
Ethylene	500	EA's OPRA Scheme
Ethylene dichloride	42	HSE EH40 and methodology in Table B7
Ethylene oxide	18.4	Table B5
Formaldehyde	5	Table B5

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Material	Air Factor	Comment
Hexane	720	Table B5
Hydrogen Cyanide	33.3	HSE EH40 and methodology in Table B7
Lead	0.5	Table B5
<i>Manganese</i>	5	Table B5
<i>Methanol</i>	2660	Table B5
Mercury	0.25	Table B5
Methyl chloride	1050	Table B5
Methyl chloroform	11100	Table B5
Methylene chloride	700	Table B5
Nickel	10	Table B5
PAHs	1	EA's charging scheme
Phenols - total as C	200	Table B5
Polychlorinated biphenyls (PCBs) - as WHO TEQ	0.2	Table B5
Selenium	1	Table B5
Styrene	800	Table B5
Tetrachloroethane	3450	Use Trichlorethylene
<i>Toluene</i>	1910	Table B5
<i>Trichlorobenzene (all isomers)</i>	75	Table B5
Trichloroethylene	3450	Table B5
Vinyl chloride	159	Table B5
Xylene - all isomers	4410	Table B5
<i>Zinc</i>	100	Table B5

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**Greenhouse Gas Factors**

These factors give relative importance:

- Compared to other pollutants since there is not always an EAL or equivalent available, and
- Of greenhouse gases compared to other greenhouse gases and not a direct greenhouse measure.

It should be noted that CFCs are banned and the only reported releases are from landfill.

Note whilst NMVOCs do not directly give rise to a strong GHG impact they do contribute and also give rise to monitoring requirements hence a value of 5000 is applied.

**Table 6-2: Greenhouse Gas Factors**

Material	Factor
<i>Chlorofluorocarbons (CFCs)</i>	10
Sulphur hexafluoride	10
Hydrochlorofluorocarbons (HCFCs)	100
Hydrofluorocarbons (HFCs)	100
Perfluorocarbons (PFCs)	100
Methane	1000
Non-methane volatile organic compounds (NMVOCs)	5000

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**Large Mass Emissions from Combustion Processes**

For certain large scale emissions, typically from combustion processes then the following thresholds are used. These are higher than EAL values would indicate and has been used given: the sheer scale and number of combustion processes which are not regulated (e.g. transport) and in general large scale combustion processes have higher stacks to reduce the impact. It should be noted that Chlorine and total inorganic chlorine compounds - as HCl is being used to report the HCl releases from the large combustion process.

**Table 6-3: Large Mass Emissions from Combustion Processes**

Material	Factor
Fluorine and total inorganic fluorine compounds - as HF	10
Chlorine and total inorganic chlorine compounds - as HCl	1000
Hydrogen chloride	1000
Nitrogen oxides, NO and NO <sub>2</sub> as NO <sub>2</sub>	10000
Nitrous Oxide	10000
Sulphur oxides, SO <sub>2</sub> and SO <sub>3</sub> as SO <sub>2</sub>	10000
Carbon monoxide	1000000
Particulate matter - PM <sub>10</sub> and smaller	100

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**APPENDIX C2**

**WATER EQS VALUES USED FOR SPRI SITES**

The following threshold values are based on environmental quality standards or an estimate based on scientific advice. The threshold values are given the units of kilograms purely to ensure that when using SPRI and sampling data this is converted into similar units.

**Table 7-1: shows the values used within the charging model.**

SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
2,4-Dichlorophenoxyacetic acid (2,4-D) - ester and non-ester	170	0.3	Inland waters
2,4-Dichlorophenoxyacetic acid (2,4-D) - ester and non-ester	170	0.3	Transitional waters
2,4-Dichlorophenoxyacetic acid (2,4-D) - ester and non-ester	170	0.3	Coastal waters
Aldrin	15	0.01	Inland waters
Aldrin	15	0.005	Transitional waters
Aldrin	15	0.005	Coastal waters
Arsenic	99	65	Inland waters
Arsenic	99	33	Transitional waters
Arsenic	99	33	Coastal waters
Atrazin	19	0.6	Inland waters
Atrazin	19	0.6	Transitional waters
Atrazin	19	0.6	Coastal waters
Benzene	21	10	Inland waters
Benzene	21	8	Transitional waters
Benzene	21	8	Coastal waters



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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Cadmium	102	0.3	Inland waters
Cadmium	102	0.4	Transitional waters
Cadmium	102	0.4	Coastal waters
Carbon Tetrachloride	29	12	Inland waters
Carbon Tetrachloride	29	12	Transitional waters
Carbon Tetrachloride	29	12	Coastal waters
Chlorfenvinphos	277	0.1	Inland waters
Chlorfenvinphos	277	0.1	Transitional waters
Chlorfenvinphos	277	0.1	Coastal waters
Chloroform	30	2.5	Inland waters
Chloroform	30	2.5	Transitional waters
Chloroform	30	2.5	Coastal waters
Chromium	103	6.8	Inland waters
Chromium	103	1.2	Transitional waters
Chromium	103	1.2	Coastal waters
Copper	104	161	Inland waters
Copper	104	215	Transitional waters
Copper	104	215	Coastal waters
Diazinon	137	0.01	Inland waters
Diazinon	137	0.01	Transitional waters

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Diazinon	137	0.01	Coastal waters
Dichlorodiphenyltrichloroethane - all isomers	37	0.025	Inland waters
Dichlorodiphenyltrichloroethane - all isomers	37	0.025	Transitional waters
Dichlorodiphenyltrichloroethane - all isomers	37	0.025	Coastal waters
Dieldrin	39	0.01	Inland waters
Dieldrin	39	0.005	Transitional waters
Dieldrin	39	0.005	Coastal waters
Dimethoate	138	0.48	Inland waters
Dimethoate	138	0.48	Transitional waters
Dimethoate	138	0.48	Coastal waters
Endosulfan	46	0.005	Inland waters
Endosulfan	46	0.0005	Transitional waters
Endosulfan	46	0.0005	Coastal waters
Endrin	47	0.01	Inland waters
Endrin	47	0.005	Transitional waters
Endrin	47	0.005	Coastal waters
Ethylene dichloride	55	10	Inland waters
Ethylene dichloride	55	10	Transitional waters
Ethylene dichloride	55	10	Coastal waters
Hexachlorobenzene	59	0.01	Inland waters

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Hexachlorobenzene	59	0.01	Transitional waters
Hexachlorobenzene	59	0.01	Coastal waters
Hexachlorobutadiene	144	0.1	Inland waters
Hexachlorobutadiene	144	0.1	Transitional waters
Hexachlorobutadiene	144	0.1	Coastal waters
Hexachlorocyclohexane - all isomers	60	0.02	Inland waters
Hexachlorocyclohexane - all isomers	60	0.002	Transitional waters
Hexachlorocyclohexane - all isomers	60	0.002	Coastal waters
Isodrin	283	0.01	Inland waters
Isodrin	283	0.005	Transitional waters
Isodrin	283	0.005	Coastal waters
Lead	105	28.8	Inland waters
Lead	105	28.8	Transitional waters
Lead	105	28.8	Coastal waters
Linuron	146	0.5	Inland waters
Linuron	146	0.5	Transitional waters
Linuron	146	0.5	Coastal waters
Mecoprop	149	18	Inland waters
Mecoprop	149	18	Transitional waters
Mecoprop	149	18	Coastal waters

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Mercury	107	0.5	Inland waters
Mercury	107	0.5	Transitional waters
Mercury	107	0.5	Coastal waters
Naphthalene	152	2.4	Inland waters
Naphthalene	152	1.2	Transitional waters
Naphthalene	152	1.2	Coastal waters
Nickel	108	40	Inland waters
Nickel	108	40	Transitional waters
Nickel	108	40	Coastal waters
Nitrogen - total as N	153	559	Inland waters
Nitrogen - total as N	153	559	Transitional waters
Nitrogen - total as N	153	335	Coastal waters
Nonylphenoethoxylates	154	0	Inland waters
Nonylphenoethoxylates	154		Transitional waters
Nonylphenoethoxylates	154		Coastal waters
Nonylphenols	155	0.3	Inland waters
Nonylphenols	155	0.3	Transitional waters
Nonylphenols	155	0.3	Coastal waters
Octylphenols	157	0.1	Inland waters
Octylphenols	157	0.01	Transitional waters

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Octylphenols	157	0.01	Coastal waters
Pentachlorophenol	78	0.4	Inland waters
Pentachlorophenol	78	0.4	Transitional waters
Pentachlorophenol	78	0.4	Coastal waters
Permethrin	159	0.001	Inland waters
Permethrin	159	0.0002	Transitional waters
Permethrin	159	0.0002	Coastal waters
Phosphorus - total as P	161	126	Inland waters
Phosphorus - total as P	161	1260	Transitional waters
Phosphorus - total as P	161		Coastal waters
Polychlorinated biphenyls	265	0.01	Inland waters
Polychlorinated biphenyls	265		Transitional waters
Polychlorinated biphenyls	265		Coastal waters
Simazine	85	1	Inland waters
Simazine	85	1	Transitional waters
Simazine	85	1	Coastal waters
Tetrachloroethylene	88	10	Inland waters
Tetrachloroethylene	88	10	Transitional waters
Tetrachloroethylene	88	10	Coastal waters
Toluene	89	74	Inland waters
Toluene	89	74	Transitional

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
			waters
Toluene	89	74	Coastal waters
Tributyltin compounds	167	0.0002	Inland waters
Tributyltin compounds	167	0.0002	Transitional waters
Tributyltin compounds	167	0.0002	Coastal waters
Trichlorobenzene - all isomers	91	0.4	Inland waters
Trichlorobenzene - all isomers	91	0.4	Transitional waters
Trichlorobenzene - all isomers	91	0.4	Coastal waters
Trichloroethylene	92	10	Inland waters
Trichloroethylene	92	10	Transitional waters
Trichloroethylene	92	10	Coastal waters
Trifluralin	168	0.03	Inland waters
Trifluralin	168	0.03	Transitional waters
Trifluralin	168	0.03	Coastal waters
Triphenyltin compounds	290	0.02	Inland waters
Triphenyltin compounds	290	0.008	Transitional waters
Triphenyltin compounds	290	0.008	Coastal waters
Xylene - all isomers	97	30	Inland waters
Xylene - all isomers	97	30	Transitional waters
Xylene - all isomers	97	30	Coastal waters
Zinc	111	58.86	Inland waters

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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Zinc	111	42.66	Transitional waters
Zinc	111	42.66	Coastal waters

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**APPENDIX C3**

**WATER EQS VALUES USED FOR NON-SPRI SITES**

The values used for COD are based on the assessment by science of sample data. This gave a range of values dependant on the type of material be monitored. The median value was 5 and this value is used as the threshold.

**Table 8-1: Values used for non-SPRI Sites**

SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
Biochemical Oxygen Demand – total	220200	30000	Coastal waters
Biochemical Oxygen Demand - total	220200	30000	Transitional waters
Biochemical Oxygen Demand - total	220200	3000	Inland waters
Ammoniacal Nitrogen (as N)	250200	21	Coastal waters
Ammoniacal Nitrogen (as N)	250200	21	Transitional waters
Ammoniacal Nitrogen (as N)	250200	300	Inland waters
Nitrate (as N)	250250	168	Coastal waters
Nitrate (as N)	250250	280	Transitional waters
Nitrate (as N)	250250	280	Inland waters
Total Nitrogen (as N)	250260	335	Coastal waters
Total Nitrogen (as N)	250260	559	Transitional waters
Total Nitrogen (as N)	250260	559	Inland waters
Orthophosphate (as P)	250300	0	Coastal waters
Orthophosphate (as P)	250300	420	Transitional waters
Orthophosphate (as P)	250300	42	Inland waters
Phosphorus (as P)	250320	0	Coastal waters
Phosphorus (as P)	250320	1260	Transitional



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SPRI POLLUTANT_NAME	SPRI POLLUTANT_ID	Receiving Water Threshold (kg)	Receiving Water
			waters
Phosphorus (as P)	250320	126	Inland waters
Manganese	300180	492	Coastal waters
Manganese	300180	492	Transitional waters
Manganese	300180	492	Inland waters
Copper	300210	215	Coastal waters
Copper	300210	215	Transitional waters
Copper	300210	161.68	Inland waters
Lead	300230	28.8	Coastal waters
Lead	300230	28.8	Transitional waters
Lead	300230	28.8	Inland waters
Zinc	300240	42.66	Coastal waters
Zinc	300240	42.66	Transitional waters
Zinc	300240	58.86	Inland waters
Total organic carbon or COD/3	166	150000	Coastal waters
Total organic carbon or COD/3	166	150000	Transitional waters
Total organic carbon or COD/3	166	15000	Inland waters

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**APPENDIX C4**

**ABSTRACTION FACTORS AND THRESHOLDS**

Only the water volume and the Length Affected Factor are used.

The Length Affected Factor is determined by the description and Bands respectively as set out below:

- Le1 Returned < 500m from Abstraction = now 0.1 (old scheme 0.2). This is applied to all hydro schemes where the charge came under the less than 5MW threshold.
- Le2 Returned 500m to <1km from Abstraction = 0.9.
- Le3 Returned 1km to 5km from Abstraction = 1.3.
- Le4 Returned > 5km from Abstraction = 1.9.

A new factor has been added to that in the previous charging scheme:

- Le5 - no return of water = 3.5 (this is applied when the previous consumptive factor was Lo3 OR the previous Length Affected Factor is Le4 and the previous consumptive factor was Lo2).

This approach of using Le5 is taken in cases where:

- abstractions are made which are then returned some distance from the originating point, and
- where they are primarily consumptive,

indicating that either a long length of river is affected or, the flow is generally consumptive.

The previous scheme had a wide range of partially consumptive i.e. between 10 – 95%. In the future we intend to refine this element such that it highlights the sites which do not return water to the same catchment, or water is returned to the sea (via a sewage treatment works).

Length Affected Band will be determined by the distance, measured along the Bank, between an abstraction point and the point at which the water is returned to the water environment.

For the avoidance of doubt the Length Affected Band will be Le1 for

- coastal and estuarine abstractions, and
- abstractions from a loch that are returned to the same loch.

For abstractions from groundwater the Length Affected Band will be determined by the straight line distance between the borehole/point of issue and the point of return to the water environment.

**Seasonality**

The following weightings are given for each month during which abstraction takes place.

The proposed weighting would be the following:

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Code	Description	Value
Se1	Winter (Nov – March)	0.21
Se2	Summer only (April – Oct.)	0.79
Se3	All year	1

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**APPENDIX C5**

**IMPOUNDMENTS FACTORS**

The impound values are based on the volume in cubic metres.

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**APPENDIX C6**

**WASTE DISTRIBUTION OF EWC**

Each EWC is assigned whether it is High, Medium or Low in hazardous nature. This roughly equates to High - Hazardous, Medium - Non-Hazardous and Low - inert.

**Table 11-1: EWC Description Versus Charging Classification**

EWC description	Waste Classification	Charging Classification
01 01 01 wastes from mineral metalliferous excavation	Non-Hazardous	Medium
01 01 02 wastes from mineral non-metalliferous excavation	Non-Hazardous	Medium
01 03 04* acid-tailings from processing of sulphide ore	Hazardous	High
01 03 05* other tailings containing dangerous substances	Hazardous	High
01 03 06 tailings other than those mentioned in 01 03 04 and 0 1 03 05	Non-Hazardous	Medium
01 03 07* other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals	Hazardous	High
01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07	Non-Hazardous	Medium
01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 07	Non-Hazardous	Medium
01 03 99 wastes not otherwise specified	Non-Hazardous	Medium
01 04 07* wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals	Hazardous	High
01 04 08 waste gravel and crushed rocks other than those mentioned in 01 04 07	Non-Hazardous	Medium
01 04 09 waste sand and clays	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07	Non-Hazardous	Medium
01 04 11 wastes from potash and rock salt processing other than those mentioned in 01 04 07	Non-Hazardous	Medium
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	Non-Hazardous	Medium
01 04 13 wastes from stone cutting and sawing other than those mentioned in 01 04 07	Non-Hazardous	Medium
01 04 99 wastes not otherwise specified	Non-Hazardous	Medium
01 05 04 freshwater drilling muds and wastes	Non-Hazardous	Medium
01 05 05* oil-containing drilling muds and wastes	Hazardous	High
01 05 06* drilling muds and other drilling wastes containing dangerous substances	Hazardous	High
01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	Non-Hazardous	Medium
01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06	Non-Hazardous	Medium
01 05 99 wastes not otherwise specified	Non-Hazardous	Medium
02 01 01 sludges from washing and cleaning	Non-Hazardous	Medium
02 01 02 animal tissue waste	Non-Hazardous	Medium
02 01 03 plant tissue waste	Non-Hazardous	Medium
02 01 04 waste plastics (except packaging)	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site	Non-Hazardous	Medium
02 01 07 wastes from forestry	Non-Hazardous	Medium
02 01 08* agrochemical waste containing dangerous substances	Hazardous	High
02 01 09 agrochemical wastes other than those mentioned in 02 01 08	Non-Hazardous	Medium
02 01 10 waste metal	Non-Hazardous	Medium
02 01 99 wastes not otherwise specified	Non-Hazardous	Medium
02 02 01 sludges from washing and cleaning	Non-Hazardous	Medium
02 02 02 animal tissue waste	Non-Hazardous	Medium
02 02 03 materials unsuitable for consumption or processing	Non-Hazardous	Medium
02 02 04 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 02 99 wastes not otherwise specified	Non-Hazardous	Medium
02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation	Non-Hazardous	Medium
02 03 02 wastes from preserving agents	Non-Hazardous	Medium
02 03 03 wastes from solvent extraction	Non-Hazardous	Medium
02 03 04 materials unsuitable for consumption or processing	Non-Hazardous	Medium
02 03 05 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 03 99 wastes not otherwise specified	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
02 04 01 soil from cleaning and washing beet	Non-Hazardous	Medium
02 04 02 off-specification calcium carbonate	Non-Hazardous	Medium
02 04 03 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 04 99 wastes not otherwise specified	Non-Hazardous	Medium
02 05 01 materials unsuitable for consumption or processing	Non-Hazardous	Medium
02 05 02 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 05 99 wastes not otherwise specified	Non-Hazardous	Medium
02 06 01 materials unsuitable for consumption or processing	Non-Hazardous	Medium
02 06 02 wastes from preserving agents	Non-Hazardous	Medium
02 06 03 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 06 99 wastes not otherwise specified	Non-Hazardous	Medium
02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials	Non-Hazardous	Medium
02 07 02 wastes from spirits distillation	Non-Hazardous	Medium
02 07 03 wastes from chemical treatment	Non-Hazardous	Medium
02 07 04 materials unsuitable for consumption or processing	Non-Hazardous	Medium
02 07 05 sludges from on-site effluent treatment	Non-Hazardous	Medium
02 07 99 wastes not otherwise specified	Non-Hazardous	Medium



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EWC description	Waste Classification	Charging Classification
03 01 01 waste bark and cork	Non-Hazardous	Medium
03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances	Hazardous	High
03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04	Non-Hazardous	Medium
03 01 99 wastes not otherwise specified	Non-Hazardous	Medium
03 02 01* non-halogenated organic wood preservatives	Hazardous	High
03 02 02* organochlorinated wood preservatives	Hazardous	High
03 02 03* organometallic wood preservatives	Hazardous	High
03 02 04* inorganic wood preservatives	Hazardous	High
03 02 05* other wood preservatives containing dangerous substances	Hazardous	High
03 02 99 wood preservatives not otherwise specified	Non-Hazardous	Medium
03 03 01 waste bark and wood	Non-Hazardous	Medium
03 03 02 green liquor sludge (from recovery of cooking liquor)	Non-Hazardous	Medium
03 03 05 de-inking sludges from paper recycling	Non-Hazardous	Medium
03 03 07 mechanically separated rejects from pulping of waste paper and cardboard	Non-Hazardous	Medium
03 03 08 wastes from sorting of paper and cardboard destined for recycling	Non-Hazardous	Medium
03 03 09 lime mud waste	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
03 03 10 fibre rejects, fibre, filler and coating sludges from mechanical separation	Non-Hazardous	Medium
03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10	Non-Hazardous	Medium
03 03 99 wastes not otherwise specified	Non-Hazardous	Medium
04 01 01 fleshings and lime split wastes	Non-Hazardous	Medium
04 01 02 liming waste	Non-Hazardous	Medium
04 01 03* degreasing wastes containing solvents without a liquid phase	Hazardous	High
04 01 04 tanning liquor containing chromium	Non-Hazardous	Medium
04 01 05 tanning liquor free of chromium	Non-Hazardous	Medium
04 01 06 sludges, in particular from on-site effluent treatment containing chromium	Non-Hazardous	Medium
04 01 07 sludges, in particular from on-site effluent treatment free of chromium	Non-Hazardous	Medium
04 01 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium	Non-Hazardous	Medium
04 01 09 wastes from dressing and finishing	Non-Hazardous	Medium
04 01 99 wastes not otherwise specified	Non-Hazardous	Medium
04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)	Non-Hazardous	Medium
04 02 10 organic matter from natural products (e.g. grease, wax)	Non-Hazardous	Medium
04 02 14* wastes from finishing	Hazardous	High

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EWC description	Waste Classification	Charging Classification
containing organic solvents		
04 02 15 wastes from finishing other than those mentioned in 14 02 14	Non-Hazardous	Medium
04 02 16* dyestuffs and pigments containing dangerous substances	Hazardous	High
04 02 17 dyestuffs and pigments other than those mentioned in 04 02 16	Non-Hazardous	Medium
04 02 19* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19	Non-Hazardous	Medium
04 02 21 wastes from unprocessed textile fibres	Non-Hazardous	Medium
04 02 22 wastes from processed textile fibres	Non-Hazardous	Medium
04 02 99 wastes not otherwise specified	Non-Hazardous	Medium
05 01 02* desaltercs sludges	Hazardous	High
05 01 03 tank bottom sludges	Hazardous	High
05 01 04* acid alkyl sludges	Hazardous	High
05 01 05* oil spills	Hazardous	High
05 01 06* oily sludges from maintenance operations fo the plant or equipment	Hazardous	High
05 01 07* acid tars	Hazardous	High
05 01 08* others tars	Hazardous	High
05 01 09* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
05 01 10 sludges from on-site effluent treatment other than those mentioned in	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
05 01 09		
05 01 11* wastes from cleaning of fuels with bases	Hazardous	High
05 01 12* oil containing acids	Hazardous	High
05 01 13 boiler feedwatersludges	Non-Hazardous	Medium
05 01 14 wastes from cooling columns	Non-Hazardous	Medium
05 01 15* spent filter clays	Hazardous	High
05 01 16 sulphur-containing wastes from petroluem desulphurisation	Non-Hazardous	Medium
05 01 17 bitumen	Non-Hazardous	Medium
05 01 99 wastes not otherwise specified	Non-Hazardous	Medium
05 06 01* acid tars	Hazardous	High
05 06 03* other tars	Hazardous	High
05 06 04 wastes from cooling columns	Non-Hazardous	Medium
05 06 99 wastes not otherwise specified	Non-Hazardous	Medium
05 07 01* wastes containing mercury	Hazardous	High
05 07 02 wastes containing sulphur	Non-Hazardous	Medium
05 07 99 wastes not otherwise specified	Non-Hazardous	Medium
06 01 01* sulphuric acid and sulphurous acid	Hazardous	High
06 01 02* hydrochloric acid	Hazardous	High
06 01 03* hydroflouric acid	Hazardous	High
06 01 04* phosphoric and phosphorous acid	Hazardous	High

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EWC description	Waste Classification	Charging Classification
06 01 05* nitric acid and nitrous acid	Hazardous	High
06 01 06* other acids	Hazardous	High
06 01 99 wastes not otherwise specified	Non-Hazardous	Medium
06 02 01* calcium hydroxide	Hazardous	High
06 02 03* ammonium hydroxide	Hazardous	High
06 02 04* sodium and potassium hydroxide	Hazardous	High
06 02 05* other bases	Hazardous	High
06 02 99 wastes not otherwise specified	Non-Hazardous	Medium
06 03 11* solid salts and solutions containing cyanides	Hazardous	High
06 03 13* solid salts and solutions containing heavy metals	Hazardous	High
06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13	Non-Hazardous	Medium
06 03 15* metallic oxides containing heavy metals	Hazardous	High
06 03 16 metallic oxides other than those mentioned in 06 03 15	Non-Hazardous	Medium
06 03 99 wastes not otherwise specified	Non-Hazardous	Medium
06 04 03* wastes containing arsenic	Hazardous	High
06 04 04* wastes containing mercury	Hazardous	High
06 04 05* wastes containing other heavy metals	Hazardous	High
06 04 99 wastes not otherwise specified	Non-Hazardous	Medium
06 05 02* sludges from on-site effluent treatment containing dangerous	Hazardous	High

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EWC description	Waste Classification	Charging Classification
substances		
06 05 03 sludges from on-site effluent treatment other than those mentioned on 06 05 02	Non-Hazardous	Medium
06 06 02* wastes containing dangerous sulphides	Hazardous	High
06 06 03 wastes containing sulphides other than those mentioned in 06 05 02	Non-Hazardous	Medium
06 06 99 wastes not otherwise specified	Non-Hazardous	Medium
06 07 01* wastes containing asbestos from electrolysis	Hazardous	High
06 07 02* activated carbon from chlorine production	Hazardous	High
06 07 03* barium sulphate sludge containing mercury	Hazardous	High
06 07 04* solutions and acids, e.g contact acid	Hazardous	High
06 07 99 wastes not otherwise specified	Non-Hazardous	Medium
06 08 02* wastes containing dangerous silicones	Hazardous	High
06 08 99 wastes not otherwise specified	Non-Hazardous	Medium
06 09 02 phosphorous slag	Non-Hazardous	Medium
06 09 03* calcium-based reaction wastes containing or contaminated with dangerous substances	Hazardous	High
06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03	Non-Hazardous	Medium
06 09 99 wastes not otherwise specified	Non-Hazardous	Medium
06 10 02* wastes containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
06 10 99 wastes not otherwise specified	Non-Hazardous	Medium
06 11 01 calcium-based reaction wastes from titanium dioxide production	Non-Hazardous	Medium
06 11 99 wastes not otherwise specified	Non-Hazardous	Medium
06 13 01* inorganic plant protection products, wood-preserving agents and other biocides	Hazardous	High
06 13 02* spent activated carbon (except 06 07 02)	Hazardous	High
06 13 03 carbon black	Non-Hazardous	Medium
06 13 04* wastes from asbestos processing	Hazardous	High
06 13 05* soot	Hazardous	High
06 13 99 wastes not otherwise specified	Non-Hazardous	Medium
07 01 01* aqueous washing liquids and mother liquors	Hazardous	High
07 01 03* organic halogenated solvents, washing liquids and mother liquors	Hazardous	High
07 01 04* other organic solvents, washing liquids and mother liquors	Hazardous	High
07 01 07* halogenated still bottoms and reaction residues	Hazardous	High
07 01 08* other still bottoms and reaction residues	Hazardous	High
07 01 09* halogenated filter cakes and spent absorbents	Hazardous	High
07 01 10* other filter cakes and spent absorbents	Hazardous	High
07 01 11* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High

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



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EWC description	Waste Classification	Charging Classification
other than those mentioned in 07 02 16		
07 02 99 wastes not otherwise specified	Non-Hazardous	Medium
07 03 01* aqueous washing liquids and mother liquors	Hazardous	High
07 03 03* organic halogenated solvents, washing liquids and mother liquors	Hazardous	High
07 03 04* other organic solvents, washing liquids and mother liquors	Hazardous	High
07 03 07* halogenated still bottoms and reaction residues	Hazardous	High
07 03 08* other still bottoms and reaction residues	Hazardous	High
07 03 09* halogenated filter cakes and spent absorbents	Hazardous	High
07 03 10* other filter cakes and spent absorbents	Hazardous	High
07 03 11* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
07 03 12 sludges from on-site effluent treatment other than those mentioned in 07 03 11	Non-Hazardous	Medium
07 03 99 wastes not otherwise specified	Non-Hazardous	Medium
07 04 01* aqueous washing liquids and mother liquors	Hazardous	High
07 04 03* organic halogenated solvents, washing liquids and mother liquors	Hazardous	High
07 04 04* other organic solvents, washing liquids and mother liquors	Hazardous	High
07 04 07* halogenated still bottoms and reaction residues	Hazardous	High

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

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

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EWC description	Waste Classification	Charging Classification
washing liquids and mother liquors		
07 07 04* other organic solvents, washing liquids and mother liquors	Hazardous	High
07 07 07* halogenated still bottoms and reaction residues	Hazardous	High
07 07 08* other still bottoms and reaction residues	Hazardous	High
07 07 09* halogenated filter cakes and spent absorbents	Hazardous	High
07 07 10* other filter cakes and spent absorbents	Hazardous	High
07 07 11* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
07 07 12 sludges from on-site effluent treatment other than those mentioned in 07 07 11	Non-Hazardous	Medium
07 07 99 wastes not otherwise specified	Non-Hazardous	Medium
08 01 11* waste paint and varnish containing organic solvents or other dangerous substances	Hazardous	High
08 01 12 waste paint and varnish other than those mentioned in 08 01 11	Non-Hazardous	Medium
08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances	Hazardous	High
08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13	Non-Hazardous	Medium
08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	Hazardous	High
08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
08 01 17* wastes from paint or varnish removal containing organic solvents or other dangerous substances	Hazardous	High
08 01 18 wastes from paint or varnish removal other than those mentioned in 08 01 17	Non-Hazardous	Medium
08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances	Hazardous	High
08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19	Non-Hazardous	Medium
08 01 21* waste paint or varnish remover	Hazardous	High
08 02 01 waste coating powders	Non-Hazardous	Medium
08 02 02 aqueous sludges containing ceramic materials	Non-Hazardous	Medium
08 02 03 aqueous suspensions containing ceramic materials	Non-Hazardous	Medium
08 02 99 wastes not otherwise specified	Non-Hazardous	Medium
08 03 07 aqueous sludges containing ink	Non-Hazardous	Medium
08 03 08 aqueous liquid waste containing ink	Non-Hazardous	Medium
08 03 12* waste ink containing dangerous substances	Hazardous	High
08 03 13 waste ink other than those mentioned in 08 03 12	Non-Hazardous	Medium
08 03 14* ink sludges containing dangerous substances	Hazardous	High
08 03 15 ink sludges other than those mentioned in 08 03 14	Non-Hazardous	Medium
08 03 16* waste etching solutions	Hazardous	High

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

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EWC description	Waste Classification	Charging Classification
09 01 01* water-based developer and activator solutions	Hazardous	High
09 01 02* water-based offset plate develop solutions	Hazardous	High
09 01 03* solvent-based developer solutions fixer solutions	Hazardous	High
09 01 04* fixer solutions	Hazardous	High
09 01 05* bleach solutions	Hazardous	High
09 01 06* wastes containing silver from on-site treatment of photographic wastes	Hazardous	High
09 01 07 photographic film and paper containing silver or silver compounds	Non-Hazardous	Medium
09 01 08 photographic film and paper free of silver or silver compounds	Non-Hazardous	Medium
09 01 10 single use cameras without batteries	Non-Hazardous	Medium
09 01 11* single use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03	Hazardous	High
09 01 12 single use cameras containing batteries other than those mentioned in 09 01 11	Non-Hazardous	Medium
09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06	Hazardous	High
09 01 99 wastes not otherwise specified	Non-Hazardous	Medium
10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	Non-Hazardous	Low
10 01 02 coal fly ash	Non-Hazardous	Medium
10 01 03 fly ash from peat and untreated wood	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
10 01 04* oil fly ash and boiler dust	Hazardous	High
10 01 05 calcium-based reaction wastes from flue gas desulphurisation in solid form	Non-Hazardous	Medium
10 01 07 calcium-based reaction wastes from flue gas desulphurisation in sludge form	Non-Hazardous	Medium
10 01 09* sulphuric acid	Hazardous	High
10 01 13* fly ash from emulsified hydrocarbons used as fuel	Hazardous	High
10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances	Hazardous	High
10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14	Non-Hazardous	Medium
10 01 16* fly ash from co-incineration containing dangerous substances	Hazardous	High
10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16	Non-Hazardous	Low
10 01 18* wastes from gas cleaning containing dangerous substances	Hazardous	High
10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18	Non-Hazardous	Medium
10 01 20* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20	Non-Hazardous	Medium
10 01 22* aqueous sludges from boiler cleansing containing dangerous substances	Hazardous	High



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EWC description	Waste Classification	Charging Classification
10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22	Non-Hazardous	Medium
10 01 24 sands from fluidised beds	Non-Hazardous	Medium
10 01 25 wastes from fuel storage and preparation of coal fired power plants	Non-Hazardous	Medium
10 01 26 wastes from cooling water treatment	Non-Hazardous	Medium
10 01 99 wastes not otherwise specified	Non-Hazardous	Medium
10 02 01 wastes from the processing of slag	Non-Hazardous	Medium
10 02 02 unprocessed slag	Non-Hazardous	Medium
10 02 07* solid wastes from gas treatment containing dangerous substances	Hazardous	High
10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07	Non-Hazardous	Medium
10 02 10 mill scales	Non-Hazardous	Medium
10 02 11* wastes from cooling water treatment containing oil	Hazardous	High
10 02 12 wastes from cooling water treatment other than those mentioned in 10 02 07	Non-Hazardous	Medium
10 02 13* sludges and filter cakes from gas treatment containing dangerous substances	Hazardous	High
10 02 14 sludges and filter cake other than those mentioned in 10 02 13	Non-Hazardous	Medium
10 02 15 other sludges and filter cakes	Non-Hazardous	Medium
10 02 99 wastes not otherwise specified	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
10 03 02 anode scraps	Non-Hazardous	Medium
10 03 04* primary production slags	Hazardous	High
10 03 05 waste alumina	Non-Hazardous	Medium
10 03 08* salt slags from secondary production	Hazardous	High
10 03 09* black drosses from secondary production	Hazardous	High
10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	Hazardous	High
10 03 16 skimmings other than those mentioned in 10 03 15	Non-Hazardous	Medium
10 03 17* tar-containing wastes from anode manufacture	Hazardous	High
10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 30 17	Non-Hazardous	Medium
10 03 19* flue-gas dust containing dangerous substances	Hazardous	High
10 03 20 flue-gas dust other than those mentioned in 10 03 19	Non-Hazardous	Medium
10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances	Hazardous	High
10 03 22 other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21	Non-Hazardous	Medium
10 03 23* solid wastes from gas treatment containing dangerous substances	Hazardous	High
10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
10 03 25* sludges and filter cakes from gas treatment containing dangerous substances	Hazardous	High
10 03 26 sludges and filter cakes from gas treatment other than those mentioned in 10 03 25	Non-Hazardous	Medium
10 03 27* wastes from cooling-water treatment containing oil	Hazardous	High
10 03 28 wastes from cooling-water treatment other than those mentioned in 10 03 27	Non-Hazardous	Medium
10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances	Hazardous	High
10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29	Non-Hazardous	Medium
10 03 99 wastes not otherwise specified	Non-Hazardous	Medium
10 04 01* slag from primary and secondary production	Hazardous	High
10 04 02* dross and skimmings from primary and secondary production	Hazardous	High
10 04 03* calcium arsenate	Hazardous	High
10 04 04* flue-gas dust	Hazardous	High
10 04 05* other particulates and dust	Hazardous	High
10 04 06* solid wastes from gas treatment	Hazardous	High
10 04 07* sludges and filter cakes from gas treatment	Hazardous	High
10 04 09* wastes from cooling-water treatment containing oil	Hazardous	High
10 04 10 wastes from cooling-water treatment other than those mentioned in	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
10 04 09		
10 04 99 wastes not otherwise specified	Non-Hazardous	Medium
10 05 01 slags from primary and secondary production	Non-Hazardous	Medium
10 05 03* flue-gas dust	Hazardous	High
10 05 04 other particulates and dust	Non-Hazardous	Medium
10 05 05* solid waste from gas treatment	Hazardous	High
10 05 06* sludges and filter cakes from gas treatment	Hazardous	High
10 05 08* wastes from cooling water treatment containing oil	Hazardous	High
10 05 09 wastes from cooling water treatment other than those mentioned in 10 05 08	Non-Hazardous	Medium
10 05 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	Hazardous	High
10 05 11 dross and skimmings other than those mentioned in 10 05 10	Non-Hazardous	Medium
10 05 99 wastes not otherwise specified	Non-Hazardous	Medium
10 06 01 slags from primary and secondary production	Non-Hazardous	Medium
10 06 02 dross and skimmings from primary and secondary production	Non-Hazardous	Medium
10 06 03* flue-gas dust	Hazardous	High
10 06 04 other particulates and dust	Non-Hazardous	Medium
10 06 06* solid wastes from gas treatment	Hazardous	High

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EWC description	Waste Classification	Charging Classification
10 06 07* sludges and filter cakes from gas treatment	Hazardous	High
10 06 09* wastes from cooling-water treatment containing oil	Hazardous	High
10 06 10 wastes from cooling-water treatment other than those mentioned in 10 06 09	Non-Hazardous	Medium
10 06 99 wastes not otherwise specified	Non-Hazardous	Medium
10 07 01 slags from primary and secondary production	Non-Hazardous	Medium
10 07 02 dross and skinnings from primary and secondary production	Non-Hazardous	Medium
10 07 03 solid wastes from gas treatment	Non-Hazardous	Medium
10 07 04 other particulates and dust	Non-Hazardous	Medium
10 07 05 sludges and filter cakes from gas treatment	Non-Hazardous	Medium
10 07 07* wastes from cooling-water treatment containing oil	Hazardous	High
10 07 08 wastes from cooling-water treatment other than those mentioned in 10 07 07	Non-Hazardous	Medium
10 07 99 wastes not otherwise specified	Non-Hazardous	Medium
10 08 04 particulates and dust	Non-Hazardous	Medium
10 08 08* salt slag from primary and secondary production	Hazardous	High
10 08 09 other slags	Non-Hazardous	Medium
10 08 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities	Hazardous	High

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EWC description	Waste Classification	Charging Classification
10 08 11 dross and skimmings other than those mentioned in 10 08 10	Non-Hazardous	Medium
10 08 12* tar-containing wastes from anode manufacture	Hazardous	High
10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12	Non-Hazardous	Medium
10 08 14 anode scrap	Non-Hazardous	Medium
10 08 15 flue-gas dust containing dangerous substances	Hazardous	High
10 08 16* flue-gas dust other than those mentioned in 10 08 15	Non-Hazardous	Medium
10 08 17 sludges and filter cakes from flue-gas treatment containing dangerous substances	Non-Hazardous	Medium
10 08 18* sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17	Non-Hazardous	Medium
10 08 19 wastes from cooling-water treatment containing oil	Hazardous	High
10 08 20* wastes from cooling-water treatment other than those mentioned in 10 08 19	Non-Hazardous	Medium
10 08 99 wastes not otherwise specified	Non-Hazardous	Medium
10 09 03 furnace slag	Non-Hazardous	Medium
10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances	Hazardous	High
10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05	Non-Hazardous	Medium
10 09 07* casting cores and moulds which have undergone pouring containing	Hazardous	High

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EWC description	Waste Classification	Charging Classification
dangerous substances		
10 09 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07	Non-Hazardous	Medium
10 09 09* flue-gas dust containing dangerous substances	Hazardous	High
10 09 10 flue-gas dust other than those mentioned in 10 09 09	Non-Hazardous	Medium
10 09 11* other particulates containing dangerous substances	Hazardous	High
10 09 12 other particulates other than those mentioned in 10 09 11	Non-Hazardous	Medium
10 09 13* waste binders containing dangerous substances	Hazardous	High
10 09 14 waste binders other than those mentioned in 10 09 13	Non-Hazardous	Medium
10 09 15* waste crack-indicating agent containing dangerous substances	Hazardous	High
10 09 16 waste crack indicating substances other than those mentioned in 10 09 15	Non-Hazardous	Medium
10 09 99 waste not otherwise specified	Non-Hazardous	Medium
10 10 03 furnace slag	Non-Hazardous	Medium
10 10 05* casting cores and moulds which have not undergone pouring, containing dangerous substances	Hazardous	High
10 10 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05	Non-Hazardous	Medium
10 10 07* casting cores and moulds which have undergone pouring, containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
10 10 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07	Non-Hazardous	Medium
10 10 09* flue-gas dust containing dangerous substances	Hazardous	High
10 10 10 flue-gas dust other than those mentioned in 10 10 09	Non-Hazardous	Medium
10 10 11* other particulates containing dangerous substances	Hazardous	High
10 10 12 other particulates other than those mentioned on 10 10 10	Non-Hazardous	Medium
10 10 13* waste binders containing dangerous substances	Hazardous	High
10 10 14 waste binders other than those mentioned in 10 10 13	Non-Hazardous	Medium
10 10 15* waste crack-indicating agent containing dangerous substances	Hazardous	High
10 10 16 waste crack-indicating agent other than those mentioned in 10 10 15	Non-Hazardous	Medium
10 10 99 wastes not otherwise specified	Non-Hazardous	Medium
10 11 03 waste glass-based fibrous materials	Inert	Low
10 11 05 particulates and dust	Non-Hazardous	Medium
10 11 09* waste preparation mixture before thermal processing, containing dangerous substances	Hazardous	High
10 11 10 waste preparation mixture before thermal processing other than those mentioned in 10 11 09	Non-Hazardous	Medium
10 11 11* waste glass in small particles and glass powder containing metals (e.g cathode ray tubes)	Hazardous	High



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EWC description	Waste Classification	Charging Classification
10 11 12 waste glass other than those mentioned in 10 11 11	Non-Hazardous	Medium
10 11 13* glass-polishing and grinding sludge containing dangerous substances	Hazardous	High
10 11 14 glass-polishing and grinding sludge other than those mentioned in 10 11 13	Non-Hazardous	Medium
10 11 15* solid wastes from flue-gas treatment containing dangerous substances	Hazardous	High
10 11 16 solid wastes from flue-gas treatment other than those mentioned in 10 11 15	Non-Hazardous	Medium
10 11 17* sludges and filter cakes from flue-gas treatment containing dangerous substances	Hazardous	High
10 11 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17	Non-Hazardous	Medium
10 11 19* solid wastes from on-site effluent treatment containing dangerous substances	Hazardous	High
10 11 20 solid wastes from on-site effluent treatment other than those mentioned in 10 11 19	Non-Hazardous	Medium
10 11 99 wastes not otherwise specified	Non-Hazardous	Medium
10 12 01 waste preparation mixture before thermal processing	Non-Hazardous	Medium
10 12 03 particulates and dust	Non-Hazardous	Medium
10 12 05 sludges and filter cakes from gas treatment	Non-Hazardous	Medium
10 12 06 discarded moulds	Non-Hazardous	Medium
10 12 08 waste ceramics, bricks, tiles	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
and construction products (after thermal processing)		
10 12 09* solid wastes from gas treatment containing dangerous substances	Hazardous	High
10 12 10 solid waste from gas treatment other than those mentioned in 10 12 09	Non-Hazardous	Medium
10 12 11* wastes from glazing containing heavy metals	Hazardous	High
10 12 12 wastes from glazing other than those mentioned in 10 12 11	Non-Hazardous	Medium
10 12 13 sludge from on-site effluent treatment	Non-Hazardous	Medium
10 12 99 wastes not otherwise specified	Non-Hazardous	Medium
10 13 01 waste preparation mixture before thermal processing	Non-Hazardous	Medium
10 13 04 wastes from calcination and hydration of lime	Non-Hazardous	Medium
10 13 06 particulates and dust (except 10 13 12 and 10 13 13)	Non-Hazardous	Medium
10 13 07 sludges and filter cakes from gas treatment	Non-Hazardous	Medium
10 13 09* wastes from asbestos-cement manufacture containing asbestos	Hazardous	High
10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09	Non-Hazardous	Medium
10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10	Non-Hazardous	Medium
10 13 12* solid wastes from gas treatment containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12	Non-Hazardous	Medium
10 13 14 waste concrete and concrete sludge	Non-Hazardous	Medium
10 13 99 wastes not otherwise specified	Non-Hazardous	Medium
10 14 01* waste from gas cleaning containing mercury	Hazardous	High
11 01 05* pickling acids	Hazardous	High
11 01 06* acids not otherwise specified	Hazardous	High
11 01 07* pickling bases	Hazardous	High
11 01 08* phosphatising sludges	Hazardous	High
11 01 09* sludges and filter cakes containing dangerous substances	Hazardous	High
11 01 10 sludges and filter cakes other than those mentioned in 11 01 09	Non-Hazardous	Medium
11 01 11* aqueous rinsing liquids containing dangerous substances	Hazardous	High
11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11	Non-Hazardous	Medium
11 01 13* degreasing wastes containing dangerous substances	Hazardous	High
11 01 14 degreasing wastes other than those mentioned in 11 01 13	Non-Hazardous	Medium
11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances	Hazardous	High
11 01 16* saturated or spent ion exchange resins	Hazardous	High
11 01 98* other wastes containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
11 01 99* waste not otherwise specified	Non-Hazardous	Medium
11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)	Hazardous	High
11 02 03 wastes from production of anodes for aqueous electrolytical processes	Non-Hazardous	Medium
11 02 05* wastes from copper hydrometallurgy processes containing dangerous substances	Hazardous	High
11 02 06 wastes from copper hydrometallurgy processes other than those mentioned in 11 02 05	Non-Hazardous	Medium
11 02 07* other wastes containing dangerous substances	Hazardous	High
11 02 99 wastes not otherwise specified	Non-Hazardous	Medium
11 03 01* wastes containing cyanide	Hazardous	High
11 03 02* other wastes	Hazardous	High
11 05 01 hard zinc	Non-Hazardous	Medium
11 05 02 zinc ash	Non-Hazardous	Medium
11 05 03* solid wastes from gas treatment	Hazardous	High
11 05 04* spent flux	Hazardous	High
11 05 99 wastes not otherwise specified	Non-Hazardous	Medium
12 01 01 ferrous metal filings and turnings	Non-Hazardous	Medium
12 01 02 ferrous metal dust and particles	Non-Hazardous	Medium
12 01 03 non-ferrous metal filings and turnings	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
12 01 04 non-ferrous metal dust and particles	Non-Hazardous	Medium
12 01 05 plastic shavings and turnings	Non-Hazardous	Medium
12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)	Hazardous	High
12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)	Hazardous	High
12 01 08* machining emulsions and solutions containing halogens	Hazardous	High
12 01 09* machining emulsions and solutions free of halogens	Hazardous	High
12 01 10* synthetic machining oils	Hazardous	High
12 01 12* spent waxes and fats	Hazardous	High
12 01 13 welding wastes	Non-Hazardous	Medium
12 01 14* machining sludges containing dangerous substances	Hazardous	High
12 01 15 machining sludges other than those mentioned in 12 01 14	Non-Hazardous	Medium
12 01 16* waste blasting material containing dangerous substances	Hazardous	High
12 01 17 waste blasting materials other than those mentioned in 12 01 16	Non-Hazardous	Medium
12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil	Hazardous	High
12 01 19* readily biodegradable machining oil	Hazardous	High
12 01 20* spent grinding bodies and grinding materials containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20	Non-Hazardous	Medium
12 01 99 wastes not otherwise specified	Non-Hazardous	Medium
12 03 01* aqueous washing liquids	Hazardous	High
12 03 02* steam degreasing wastes	Hazardous	High
13 01 01* hydraulic oils, containing PCB's	Hazardous	High
13 01 04* chlorinated emulsions	Hazardous	High
13 01 05* non-chlorinated emulsions	Hazardous	High
13 01 09* mineral-based chlorinated hydraulic oils	Hazardous	High
13 01 10* mineral-based non-chlorinated hydraulic oils	Hazardous	High
13 01 11* synthetic hydraulic oils	Hazardous	High
13 01 12* readily biodegradable hydraulic oils	Hazardous	High
13 01 13* other hydraulic oils	Hazardous	High
13 02 04* mineral-based chlorinated engine, gear and lubricating oils	Hazardous	High
13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils	Hazardous	High
13 02 06* synthetic engine, gear and lubricating oils	Hazardous	High
13 02 07* readily biodegradable engine, gear and lubricating oils	Hazardous	High
13 02 08* other engine, gear and lubricating oils	Hazardous	High
13 03 01* insulating or heat transmission oils containing PCB's	Hazardous	High

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EWC description	Waste Classification	Charging Classification
13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01	Hazardous	High
13 03 07* mineral-based non-chlorinated insulating and heat transmission oils	Hazardous	High
13 03 08* synthetic insulating and heat transmission oils	Hazardous	High
13 03 09* readily biodegradable insulating and heat transmission oils	Hazardous	High
13 03 10* other insulating and heat transmission oils	Hazardous	High
13 04 01* bilge oils from inland navigation	Hazardous	High
13 04 02* bilge oils from jetty sewers	Hazardous	High
13 04 03* bilge oils from other navigation	Hazardous	High
13 05 01* solids from grit chambers and oil/water separators	Hazardous	High
13 05 02* sludges from oil/water separators	Hazardous	High
13 05 03* interceptor sludges	Hazardous	High
13 05 06* oil from oil/water separators	Hazardous	High
13 05 07* oily water from oil/water separators	Hazardous	High
13 05 08* mixtures of wastes from grit chambers and oil/water separators	Hazardous	High
13 07 01* fuel oil and diesel	Hazardous	High
13 07 02* petrol	Hazardous	High
13 07 03* other fuels (including mixtures)	Hazardous	High
13 08 01* desaltersludges or emulsions	Hazardous	High
13 08 02* other emulsions	Hazardous	High

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EWC description	Waste Classification	Charging Classification
13 08 99* wastes not otherwise specified	Hazardous	High
14 06 01* chloroflourocarbons, HCFC, HFC	Hazardous	High
14 06 02* other halogenated solvents and solvent mixtures	Hazardous	High
14 06 03* other solvents and solvent mixtures	Hazardous	High
14 06 04* sludges or solid wastes containing halogenated solvents	Hazardous	High
14 06 05* sludges or solid wastes containing other solvents	Hazardous	High
15 01 01 paper and cardboard packaging	Non-Hazardous	Medium
15 01 02 plastic packaging	Non-Hazardous	Medium
15 01 03 wooden packaging	Non-Hazardous	Medium
15 01 04 metallic packaging	Non-Hazardous	Medium
15 01 05 composite packaging	Non-Hazardous	Medium
15 01 06 mixed packaging	Non-Hazardous	Medium
15 01 07 glass packaging	Inert	Low
15 01 09 textile packaging	Non-Hazardous	Medium
15 01 10* packaging containing residues of or contaminated by dangerous substances	Hazardous	High
15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers	Hazardous	High
15 02 02* absorbents, filter materials (including oil filters not otherwise specified) wiping cloths, protective	Hazardous	High



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EWC description	Waste Classification	Charging Classification
clothing contaminated by dangerous substances		
15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	Non-Hazardous	Medium
16 01 03 end-of-life tyres	Non-Hazardous	Medium
16 01 04* end-of-life vehicles	Hazardous	High
16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components	Non-Hazardous	Medium
16 01 07* oil filters	Hazardous	High
16 01 08* components containing mercury	Hazardous	High
16 01 09* components containing PCB's	Hazardous	High
16 01 10* explosive components (e.g. air bags)	Hazardous	High
16 01 11* brake pads containing asbestos	Hazardous	High
16 01 12 brake pads other than those mentioned in 16 01 11	Non-Hazardous	Medium
16 01 13* brake fluids	Hazardous	High
16 01 14* antifreeze fluids containing dangerous substances	Hazardous	High
16 01 15 antifreeze fluids other than those mentioned in 16 01 14	Non-Hazardous	Medium
16 01 16 tanks for liquefied gas	Non-Hazardous	Medium
16 01 17 ferrous metal	Non-Hazardous	Medium
16 01 18 non-ferrous metal	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
16 01 19 plastic	Non-Hazardous	Medium
16 01 20 glass	Non-Hazardous	Medium
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	Hazardous	High
16 01 22 components not otherwise specified	Non-Hazardous	Medium
16 01 99 wastes not otherwise specified	Non-Hazardous	Medium
16 02 09* transformers and capacitors containing PCB's	Hazardous	High
16 02 10* discarded equipment containing or contaminated by PCB's other than those mentioned in 16 02 09	Hazardous	High
16 02 11* discarded equipment containing chloroflourocarbons, HCFC, HFC	Hazardous	High
16 02 12* discarded equipment containing free asbestos	Hazardous	High
16 02 13* discarded equipment containing hazardous components other than those mentioned in 16 02 09 to 16 02 12	Hazardous	High
16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13	Non-Hazardous	Medium
16 02 15* hazardous components removed from discarded equipment	Hazardous	High
16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15	Non-Hazardous	Medium
16 03 03* inorganic wastes containing dangerous substances	Hazardous	High
16 03 04 inorganic wastes other than those mentioned in 16 03 03	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
16 03 05* organic wastes containing dangerous substances	Hazardous	High
16 03 06 organic wastes other than those mentioned in 16 03 05	Non-Hazardous	Medium
16 04 01* waste ammunition	Hazardous	High
16 04 02* fireworks wastes	Hazardous	High
16 04 03* other waste explosives	Hazardous	High
16 05 04* gases in pressure containers(including halons) containing dangerous substances	Hazardous	High
16 05 05 gases in pressure containers other than those mentioned in 16 05 04	Non-Hazardous	Medium
16 05 06* laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	Hazardous	High
16 05 07* discarded inorganic chemicals consisting of or containing dangerous substances	Hazardous	High
16 05 08* discarded organic chemicals consisting of or containing dangerous substances	Hazardous	High
16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	Non-Hazardous	Medium
16 06 01* lead batteries	Hazardous	High
16 06 02* Ni-Cd batteries	Hazardous	High
16 06 03* mercury-containing batteries	Hazardous	High
16 06 04 alkaline batteries	Non-Hazardous	Medium
16 06 05 other batteries and accumulators	Non-Hazardous	Medium
16 06 06* separately collected electrolyte	Hazardous	High

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EWC description	Waste Classification	Charging Classification
from batteries and accumulators		
16 07 08* wastes containing oil	Hazardous	High
16 07 09* wastes containing other dangerous substances	Hazardous	High
16 07 99 wastes not otherwise specified	Non-Hazardous	Medium
16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)	Non-Hazardous	Medium
16 08 02* spent catalysts containing dangerous transition metals or dangerous transition metal compounds	Hazardous	High
16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified	Non-Hazardous	Medium
16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)	Non-Hazardous	Medium
16 08 05* spent catalysts containing phosphoric acid	Hazardous	High
16 08 06* spent liquids used as catalysts	Hazardous	High
16 08 07* spent catalysts contaminated with dangerous substances	Hazardous	High
16 09 01* permanganates, e.g. potassium permanganates	Hazardous	High
16 09 02* chromates, e.g. potassium chromate, potassium or sodium dichromate	Hazardous	High
16 09 03* peroxides, e.g. hydrogen peroxide	Hazardous	High
16 09 04* oxidising substances not otherwise specified	Hazardous	High
16 10 01* aqueous liquid wastes containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01	Non-Hazardous	Medium
16 10 03* aqueous concentrates containing dangerous substances	Hazardous	High
16 10 04 aqueous concentrates other than those mentioned in 16 10 03	Non-Hazardous	Medium
16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances	Hazardous	High
16 11 02 carbon-based linings and refractories from metallurgical processes other than those mentioned in 16 11 01	Non-Hazardous	Medium
16 11 03* other linings and refractories from metallurgical processes containing dangerous substances	Hazardous	High
16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03	Non-Hazardous	Medium
16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances	Hazardous	High
16 11 06 linings and refractories from non-metallurgical processes other than those mentioned in 16 11 05	Non-Hazardous	Medium
17 01 01 concrete	Non-Hazardous	Medium
17 01 02 bricks	Inert	Low
17 01 03 tiles and ceramics	Inert	Low
17 01 06* mixtures of, or separate fractions of concrete, bricks tiles and ceramics containing dangerous substances	Hazardous	High
17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	Inert	Low

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EWC description	Waste Classification	Charging Classification
17 02 01 wood	Non-Hazardous	Medium
17 02 02 glass	Inert	Low
17 02 03 plastic	Non-Hazardous	Medium
17 02 04* glass, plastic and wood containing or contaminated with substances	Hazardous	High
17 03 01* bituminous mixtures containing coal tar	Hazardous	High
17 03 02 bituminous mixtures other than those mentioned in 17 03 01	Non-Hazardous	Medium
17 03 03* coal tar and tarred products	Hazardous	High
17 04 01 copper, bronze, brass	Non-Hazardous	Medium
17 04 02 aluminium	Non-Hazardous	Medium
17 04 03 lead batteries	Non-Hazardous	Medium
17 04 04 zinc	Non-Hazardous	Medium
17 04 05 iron and steel	Non-Hazardous	Medium
17 04 06 tin	Non-Hazardous	Medium
17 04 07 mixed metals	Non-Hazardous	Medium
17 04 09* metal waste contaminated with dangerous substances	Hazardous	High
17 04 10* cables containing oil, coal tar and other dangerous substances	Hazardous	High
17 04 11 cables other than those mentioned in 17 04 10	Non-Hazardous	Medium
17 05 03* soil and stones containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
17 05 04 soil and stones other than those mentioned in 17 05 03	Inert	Low
17 05 05* dredging spoil containing dangerous substances	Hazardous	High
17 05 06 dredging spoil other than those mentioned in 17 05 05	Non-Hazardous	Medium
17 05 07* track ballast containing dangerous substances	Hazardous	High
17 05 08 track ballast other than those mentioned in 17 05 07	Non-Hazardous	Medium
17 06 01* insulating materials containing asbestos	Hazardous	High
17 06 03* other insulating materials consisting of or containing dangerous materials	Hazardous	High
17 06 04 insulating materials other than those mentioned in 17 06 01 and 17 06 03	Non-Hazardous	Medium
17 06 05* construction materials containing asbestos	Hazardous	High
17 08 01* gypsum-based construction materials contaminated with dangerous substances	Hazardous	High
17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01	Non-Hazardous	Medium
17 09 01* construction and demolition wastes containing mercury	Hazardous	High
17 09 02* construction and demolition wastes containing PCB (e.g. PCB-containing sealants, PCB-containing resin based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)	Hazardous	High
17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	Non-Hazardous	Medium
18 01 01 sharps (except 18 01 03)	Non-Hazardous	Medium
18 01 02 body parts and organs including blood bags and blood preserves (except 18 01 03)	Non-Hazardous	Medium
18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection (e.g. dressings, plaster casts, linen, disposable clothing, nappies)	Hazardous	High
18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection	Non-Hazardous	Medium
18 01 06* chemicals consisting of or containing dangerous substances	Hazardous	High
18 01 07 chemicals other than those mentioned in 18 01 06	Non-Hazardous	Medium
18 01 08* cytotoxic and cytstatic medicines	Hazardous	High
18 01 09 medicines other than those mentioned in 18 01 08	Non-Hazardous	Medium
18 01 10* amalgam waste from dental care	Hazardous	High
18 02 01 sharps (except 18 02 02)	Non-Hazardous	Medium
18 02 02* wastes whose collection and disposal is subject to special requirements in order to prevent infection	Hazardous	High
18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection	Non-Hazardous	Medium



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EWC description	Waste Classification	Charging Classification
18 02 05* chemicals consisting of or containing dangerous substances	Hazardous	High
18 02 06 chemicals other than those mentioned in 18 02 05	Non-Hazardous	Medium
18 02 07* cytotoxic and cytostatic medicines	Hazardous	High
18 02 08 medicines other than those mentioned in 18 02 07	Non-Hazardous	Medium
19 01 02 ferrous materials removed from bottom ash	Non-Hazardous	Medium
19 01 05* filter cake from gas treatment	Hazardous	High
19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes	Hazardous	High
19 01 07* solid wastes from gas treatment	Hazardous	High
19 01 10* spent activated carbon from flue-gas treatment	Hazardous	High
19 01 11* bottom ash and slag containing dangerous substances	Hazardous	High
19 01 12 bottom ash and slag other than those mentioned in 19 01 11	Non-Hazardous	Medium
19 01 13* fly ash containing dangerous substances	Hazardous	High
19 01 14 fly ash other than those mentioned in 19 01 13	Non-Hazardous	Medium
19 01 15* boiler dust containing dangerous substances	Hazardous	High
19 01 16 boiler dust other then those mentioned in 19 01 15	Non-Hazardous	Medium
19 01 17* pyrolysis wastes containing dangerous substances	Hazardous	High

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EWC description	Waste Classification	Charging Classification
19 01 18 pyrolysis wastes other than those mentioned in 19 01 17	Non-Hazardous	Medium
19 01 19 sands from fluidised beds	Non-Hazardous	Medium
19 01 99 wastes not otherwise specified	Non-Hazardous	Medium
19 02 03 premixed wastes composed only of non-hazardous wastes	Non-Hazardous	Medium
19 02 04* premixed wastes composed of at least one hazardous waste	Hazardous	High
19 02 05* sludges from physico/chemical treatment containing substances	Hazardous	High
19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05	Non-Hazardous	Medium
19 02 07* oil and concentrates from separation	Hazardous	High
19 02 08* liquid combustible wastes containing dangerous substances	Hazardous	High
19 02 09* solid combustible wastes containing dangerous substances	Hazardous	High
19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09	Non-Hazardous	Medium
19 02 11* other wastes containing dangerous substances	Hazardous	High
19 02 99 wastes not otherwise mentioned	Non-Hazardous	Medium
19 03 04* wastes marked as hazardous, partly stabilised	Hazardous	High
19 03 05 stabilised wastes other than those mentioned in 19 03 04	Non-Hazardous	Medium
19 03 06* wastes marked as hazardous, solidified	Hazardous	High

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EWC description	Waste Classification	Charging Classification
19 03 07 solidified wastes other than those mentioned in 19 03 06	Non-Hazardous	Medium
19 04 01 vitrified waste	Non-Hazardous	Medium
19 04 02* fly ash and other flue-gas treatment wastes	Hazardous	High
19 04 03* non-vitrified solid phase	Hazardous	High
19 04 04 aqueous liquid wastes from vitrified waste tempering	Non-Hazardous	Medium
19 05 01 non-composted fraction of municipal and similar wastes	Non-Hazardous	Medium
19 05 02 non-composted fraction of animal and vegetable wastes	Non-Hazardous	Medium
19 05 03 off-specification compost	Non-Hazardous	Medium
19 05 99 wastes not otherwise specified	Non-Hazardous	Medium
19 06 03 liquor from anaerobic treatment of municipal waste	Non-Hazardous	Medium
19 06 04 digestate from anaerobic treatment of municipal waste	Non-Hazardous	Medium
19 06 05 liquor from anaerobic treatment of animal and vegetable waste	Non-Hazardous	Medium
19 06 06 digestate from anaerobic treatment of animal and vegetable waste	Non-Hazardous	Medium
19 06 99 wastes not otherwise specified	Non-Hazardous	Medium
19 07 02* landfill leachate containing dangerous substances	Hazardous	High
19 07 03 landfill leachate other than those mentioned in 19 07 02	Non-Hazardous	Medium
19 08 01 screenings	Non-Hazardous	Medium
19 08 02 waste from desanding	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
19 08 05 sludges from treatment of urban waste water	Non-Hazardous	Medium
19 08 06* saturated or spent ion exchange resins	Hazardous	High
19 08 07* solutions and sludges from regeneration of ion exchangers 19 08 08* membrane system waste containing heavy metals	Hazardous	High
19 08 08* membrane system waste containing heavy metals	Hazardous	High
19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats	Non-Hazardous	Medium
19 08 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09	Hazardous	High
19 08 11* sludges containing dangerous substances from biological treatment of industrial water	Hazardous	High
19 08 12 sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11	Non-Hazardous	Medium
19 08 13* sludges containing dangerous substances from other treatment of industrial waste water	Hazardous	High
19 08 14 sludges from other treatment of industrial waste water other than those mentioned in 19 08 13	Non-Hazardous	Medium
19 08 99 wastes not otherwise specified	Non-Hazardous	Medium
19 09 01 solid wastes from primary filtration and screenings	Non-Hazardous	Medium
19 09 02 sludges from water clarification	Non-Hazardous	Medium
19 09 03 sludges from decarbonation	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
19 09 04 spent activated carbon	Non-Hazardous	Medium
19 09 05 saturated or spent ion exchange resins	Non-Hazardous	Medium
19 09 06 solutions and sludges from regeneration of ion exchangers	Non-Hazardous	Medium
19 09 99 wastes not otherwise specified	Non-Hazardous	Medium
19 10 01 iron and steel waste	Non-Hazardous	Medium
19 10 02 non-ferrous waste	Non-Hazardous	Medium
19 10 03* fluff-light fraction and dust containing dangerous substances	Hazardous	High
19 10 04 fluff-light fraction and dust other than those mentioned on 19 10 03	Non-Hazardous	Medium
19 10 05* other fraction containing dangerous substances	Hazardous	High
19 10 06 other fraction other than those mentioned in 19 10 05	Non-Hazardous	Medium
19 11 01* spent filter clays	Hazardous	High
19 11 02* acid tars	Hazardous	High
19 11 03* aqueous liquid wastes	Hazardous	High
19 11 04* wastes from cleaning of fuels with bases	Hazardous	High
19 11 05* sludges from on-site effluent treatment containing dangerous substances	Hazardous	High
19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05	Non-Hazardous	Medium
19 11 07* wastes from flue-gas cleaning	Hazardous	High
19 11 99 wastes not otherwise specified	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
19 12 01 paper and cardboard	Non-Hazardous	Medium
19 12 02 ferrous metal	Non-Hazardous	Medium
19 12 03 non-ferrous metal	Non-Hazardous	Medium
19 12 04 plastic and rubber	Non-Hazardous	Medium
19 12 05 glass	Non-Hazardous	Medium
19 12 06* wood containing dangerous substances	Hazardous	High
19 12 07 wood other than that mentioned in 19 12 06	Non-Hazardous	Medium
19 12 08 textiles	Non-Hazardous	Medium
19 12 09 minerals (e.g. sand, stones)	Non-Hazardous	Medium
19 12 10 combustible waste (refuse derived fuel)	Non-Hazardous	Medium
19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances	Hazardous	High
19 12 12 other wastes (including mixtures of materials) from mechanical treatment of waste other than those mentioned in 19 12 11	Non-Hazardous	Medium
19 13 01* solid wastes from soil remediation containing dangerous substances	Hazardous	High
19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01	Non-Hazardous	Medium
19 13 03* sludges from soil remediation containing dangerous substances	Hazardous	High
19 13 04 sludges from soil remediation	Non-Hazardous	Medium

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EWC description	Waste Classification	Charging Classification
other than those mentioned in 19 13 03		
19 13 05* sludges from groundwater remediation containing dangerous substances	Hazardous	High
19 13 06 sludges from groundwater remediation other than those mentioned on 19 13 05	Non-Hazardous	Medium
19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	Hazardous	High
19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07	Non-Hazardous	Medium
20 01 01 paper and cardboard	Non-Hazardous	Medium
20 01 02 glass	Inert	Low
20 01 08 biodegradable kitchen and canteen waste	Non-Hazardous	Medium
20 01 10 clothes	Non-Hazardous	Medium
20 01 11 textiles	Non-Hazardous	Medium
20 01 13* solvents	Hazardous	High
20 01 14* acids	Hazardous	High
20 01 15* alkalines	Hazardous	High
20 01 17* photochemicals	Hazardous	High
20 01 19* pesticides	Hazardous	High
20 01 21* fluorescent tubes and other mercury-containing waste	Hazardous	High
20 01 23* discarded equipment containing chloroflourocarbons	Hazardous	High

**SCOTTISH ENVIRONMENT PROTECTION AGENCY**  
**PROPOSED ENVIRONMENTAL REGULATION (SCOTLAND) CHARGING**  
**SCHEME: ANNEX C**

EWC description	Waste Classification	Charging Classification
20 01 25 edible oil and fat	Non-Hazardous	Medium
20 01 26* oil and fat other than those mentioned in 20 01 25	Hazardous	High
20 01 27* paint, inks, adhesives and resins containing dangerous substances	Hazardous	High
20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27	Non-Hazardous	Medium
20 01 29* detergents containing dangerous substances	Hazardous	High
20 01 30 detergents other than those mentioned in 20 01 29	Non-Hazardous	Medium
20 01 31* cytotoxic and cytostatic medicines	Hazardous	High
20 01 32 medicines other than those mentioned in 20 01 31	Non-Hazardous	Medium
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	Hazardous	High
20 01 34 batteries and accumulators other than those mentioned in 20 01 33	Non-Hazardous	Medium
20 01 35* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	Hazardous	High
20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	Non-Hazardous	Medium
20 01 37* wood containing dangerous substances	Hazardous	High
20 01 38 wood other than that mentioned on 20 01 37	Non-Hazardous	Medium



**SCOTTISH ENVIRONMENT PROTECTION AGENCY**  
**PROPOSED ENVIRONMENTAL REGULATION (SCOTLAND) CHARGING**  
**SCHEME: ANNEX C**

EWC description	Waste Classification	Charging Classification
20 01 39 plastics	Non-Hazardous	Medium
20 01 40 metals	Non-Hazardous	Medium
20 01 41 wastes from chimney sweeping	Non-Hazardous	Medium
20 01 99 other fractions not otherwise specified	Non-Hazardous	Medium
20 02 01 biodegradable waste	Non-Hazardous	Medium
20 02 02 soil and stones	Inert	Low
20 02 03 other non-biodegradable wastes	Non-Hazardous	Medium
20 03 01 mixed municipal waste	Non-Hazardous	Medium
20 03 02 waste from markets	Non-Hazardous	Medium
20 03 03 street-cleaning residues	Non-Hazardous	Medium
20 03 04 septic tank sludge	Non-Hazardous	Medium
20 03 06 waste from sewage cleaning	Non-Hazardous	Medium
20 03 07 bulky waste	Non-Hazardous	Medium
20 03 99 municipal wastes not otherwise specified	Non-Hazardous	Medium