



Site Waste Management Plan 'Lite'

Welcome to the Site Waste Management Plan (SWMP) 'Lite' tool. It is intended for use by clients, designers and contractors on all projects, and is particularly well suited for small projects (<£300k).

Construction and demolition waste represents about 50% of all waste in Scotland, making the construction sector the country's single largest waste producer. Reduction and better management of construction waste is therefore a significant issue for Scotland, being driven by a number of policy and legislation drivers including:

- Scotland's Zero Waste Plan, incorporating Scotland's target to recycle and recover 70% of construction and demolition waste by 2020, supporting the European Waste Framework Directive and the Waste Hierarchy
- Making Things Last - A Circular Economy Strategy for Scotland, which identifies construction and the built environment as one of four priority areas for action
- Scottish Building Standards, especially Domestic and Non-Domestic Sustainability Standards

Using SWMP 'Lite' early in projects, and working through the tool's stages, can help to plan, implement, monitor and review waste minimisation and management on construction sites and achieve cost savings. This can enhance your company's reputation and increase the chance of winning work, as well as helping to comply with legislation and improving environmental performance, helping to improve resource efficiency and fight climate change.

Use the SWMP 'Lite' tool to:

1. estimate waste (and identify waste reduction actions);
2. record actual waste movements and (record if actions have been implemented); and
3. review project performance.

User Notes

Getting Started

The Project Details worksheet contains text boxes for the basic project details, together with a system for recording Waste Consignment Notes and Waste Management Licences. You can enter the Project Title, Project Location and Project Value details as well as the name of the owner of the tool and when the spreadsheet was last updated. These details will be carried through to all the other construction stages.

The spreadsheet is split into this Introduction worksheet, Change Log, Project Details, Estimated Waste, Actual Waste and Project Summary. Additional tabs are a Frequently Asked Questions (FAQ) and two completed examples: one for Estimated Waste and one for Actual Waste. To navigate between the tabs, just click on them.

Once new data has been entered, please fill in the change log.

Estimated Waste

Enter the details of any estimated waste arisings in the table provided. You can choose the activity type (Construction, Demolition, Excavation, Refurbishment etc.), the waste stream (Packaging, Glass, Wood etc.) and the proposed waste destination (Reuse on site, Recycled / Recovered off site etc.) from the drop down lists provided.

You will need to enter at least one of the waste totals (either 'Container Size' and 'Number of Containers', 'Tonnes' or 'm³'). The tool has built-in functionality to help you estimate your likely wastes within your projects. SWMP 'Lite' will automatically calculate tonnes/m³ if you enter 'Container Size' and 'Number of Containers' (using standard conversion factors). A description of the waste and any actions needed to be taken for that waste stream can also be recorded for future reference.

Actual Waste Movements

Enter the known details of any actual waste movements in the table provided. You can choose the 'Activity' (Construction, Demolition, Excavation etc.), the 'Waste stream' (Packaging, Glass, Wood etc.) and the 'Destination' (Landfill, Reuse on site etc.) from the drop down lists provided.

Further details can be entered in the 'Waste Carrier' and 'Date of Movement' cell ranges as well as details about any other actions taken. Waste Transfer Note numbers can be recorded in the final column which will assist with your waste audit trail and Duty of Care

Project Summary

Details of all recorded waste arisings are summarised in both the 'Estimated Waste Totals' and 'Actual Waste Totals' tables. Waste information is summarised by waste stream and destination. You can choose to display either 'Tonnes' or 'm³' by choosing the appropriate unit from the drop-down list. Details for the different waste activities are shown in the table and chart found in the 'KPI Report' section. A summary of both the Planned Actions and Actions Taken are displayed in the 'My Actions' tables ('My Actions - Estimated Waste' and 'My Actions - Actual Waste'). Details for each action recorded earlier in the tool are listed and any lessons learned or significant comments can be entered under 'Lessons Learned' cell ranges.

SWMP 'Lite' also has the facility to allow you to record who has reviewed and approved the completed plan in the SWMP 'Lite' 'Sign-off' table.

Frequently Asked Questions (FAQ)

A Frequently Asked Questions (FAQ) sheet has been provided with answers to common issues that you may have when using SWMP 'Lite'. This can be accessed by either clicking on the 'FAQ' tab at the bottom of the worksheet or the FAQ button when you are in the Estimated Waste, Actual Waste Movements or Project Summary tabs.

Example sheets

Two example worksheets have been provided to help demonstrate the type of information that you will need to populate your Estimated Waste and Actual Waste Movement worksheets. You can access these via the 'Example Sheet' button when you are in 'Estimated Waste' and 'Actual Waste Movements' tabs.

Further notes and guidance

There is further guidance on how to use the SWMP 'Lite' in each sheet.

Simply hover over a box where you see a red triangle in the corner (as shown here) to access helpful user notes.





Site Waste Management Plan 'Lite' Change Log

Description: Keep track of what data has been entered and by whom here.

[illegible]

[illegible]

[illegible]



Project Details	
Project Title :	woodward road
Project Location :	knowsley Indusrial Estate
Project Value :	£250,000.00
SWMP Lite Owner :	Keda Construction Limited
Last updated :	04/03/2025

[illegible]

[illegible]

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Asphalt (17 03 03)

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Asphalt_17_03_03

[illegible]

[illegible]

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Ins



structions

This spreadsheet has been designed to enable you to upload your Excel based SWMP documents into Tracker system.

Provided your SWMP document uses part or all of the waste classification hierarchy used by WRAP (see CDE streams, material types and LoW codes below) it will be possible to import information on waste quantities into this can be analysed along side projects using the WRAP SWMP Template. If you use the project type, metric definitions listed below (or can match your definitions to these) then you will also be able filter and analyse your project type and in relation to KPI's such as tonnes of waste per £100k of construction value.

To incorporate these sheets into your current SWMP plan you need to do the following:

1) copy the three sheets into your current excel SWMP template. This is best done by pointing the cursor over clicking, selecting 'move or copy' and then selecting your current SWMP template as the destination (your current template should be open at the same time)

2) link the outputs of your current template into these sheets. To do this go into the relevant cells on the basic template and then select the corresponding cells in your own sheet. The validation controls on these cells means that they will only accept exactly the same terms as those used within the WRAP SWMP template (see tables below). If your definitions for specific elements of the SWMP are not the same as WRAP's do not connect these as they will not be imported into the Tracker. The more closely your data structure corresponds to that used by WRAP the more effective the data will be. If you are only able to determine, for example, the quantity and date of waste movements and whether this is for construction, demolition or excavation in source you should still be able to upload this to the SWMP Tracker.

3) complete your SWMP plan and record actual waste arisings as you would normally

4) upload your SWMP to the SWMP Tracker

To get the most out of the SWMP Tracker then WRAP advise you to use the WRAP SWMP Template. Using the WRAP SWMP Template will also allow you to track: waste actions, forecasts, etc.

Version 2.34nw



Basic Details

Client name :	
Principal contractor :	
Owner of document :	#REF!
Project title :	#REF!
Project Reference :	
Project location :	#REF!
Project postcode :	
Construction value :	#REF!
Type of construction :	
Activity Type :	

Metrics

Please select metrics applicable to your project. These metrics are then used in the KPI sheet to track your progress.

Metric	Amount	Unit

Project targets

Please select project targets applicable to your project

KPI	Phase	Target	Unit

Schedule

Start date :		dd/mm/yy
Completion date :		dd/mm/yy

Actual Waste Movements

Movement at site Type Number	C-9 or E Activity	Waste Stream	Material Type	LHM Code used	On or off-site destination	Off-site carrier	Off-site destination	Overall disposal rate (tonnes / month)	Date of Movement (dd/mm/yy)	Waste Totals			
										(m³)	(tonnes)	Actual Cost	€/m³
1				RE2				1.0000	20/01/2020				
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Project Title :	woodward road
Project Location :	knowsley Industrial Estate
Project Value :	£250,000
SWMP Lite Owner :	Keda Construction Limited
Last updated :	04 March 2025

Select Units :

Tonnes

KPI Report

Total Actual Waste Produced (Tonnes) per £100k of Project Value:

Total Actual Waste Landfilled (Tonnes) per £100k of Project Value:

Total Cost of Waste as of 04/03/2025:

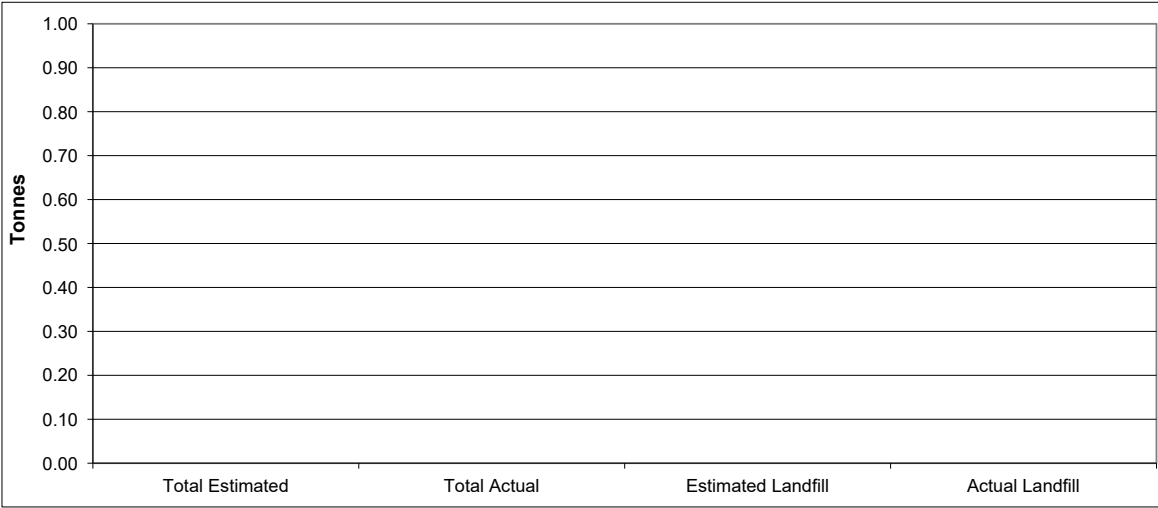
£0

Select Phase :

All

	Estimated Tonnes	Actual Tonnes
Total Waste produced	0.00	0.00
Total Waste to landfill	0.00	0.00
% Waste diverted from landfill	0%	0%
% Waste reused on site	0%	0%
% Waste reused off site	0%	0%
% Waste recycled/recovered off site	0%	0%

Estimated and Actual Waste Produced vs Waste Landfilled
(Tonnes)



SWMP 'Lite' Sign-off

	Name	Signature	Date
Reviewed by:			
Approved by:			

Estimated Waste Totals - woodward road

Waste Stream	Total waste arising (Tonnes)	Total waste reused on site (Tonnes)	Total waste reused off site (Tonnes)	Total waste landfilled (Tonnes)	Total waste recycled / recovered off site (Tonnes)	Overall diversion from landfill rate
Aluminium (17 04 02)						
Asbestos cement (17 06 05*)						
Asbestos insulation (17 06 01*)						
Asphalt (17 03 02)						
Batteries (Hazardous) (20 01 33*)						
Batteries (Non-hazardous) (20 01 04)						
Biodegradable/garden waste (20 02 01)						
Cables (17 04 11)						
Cans (20 01 40)						
Carpets (20 01 11)						
Concrete, bricks, tiles (17 01 07)						
Copper (17 04 01)						
Electronic equipment (20 01 35*)						
Floor tiles (wood) (03 01 05)						
Fluorescent tubes / mercury waste (20 01 21)						
Furniture (20 03 07)						
Glass (17 02 02)						
Gypsum (17 08 02)						
Hazardous waste (Segregated) (17 05 03*)						
Lead (17 04 03)						
Metals (17 04 07)						
Mixed C&D waste (17 09 04)						
Mixed C&D waste (Hazardous) (17 09 03*)						
Non-hazardous sludge (19 02 06)						
Packaging (17 02 03)						
Paint, adhesives etc. (20 01 27*)						
Paper (20 01 01)						
Plastic bottles (20 01 39)						
Plastic pipes (17 02 03)						
Refrigerant gases (16 05 04*)						
Refrigeration gases (Non-hazardous) (16 05 05)						
Septic tank waste (20 03 04)						
Soils and stones (Hazardous) (17 05 03*)						
Soils and stones (Inert) (17 05 04)						
#REF!						
Steel (17 04 05)						
Textiles (20 01 11)						
Wood (17 02 01)						
Total						

My Actions (Estimated Waste)

Waste Stream	Action	Action Owner	Lessons Learned
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Actual Waste Totals - woodward road

Waste Stream	Total waste arising (Tonnes)	Total waste reused on site (Tonnes)	Total waste reused off site (Tonnes)	Total waste landfilled (Tonnes)	Total waste recycled / recovered off site (Tonnes)	Overall diversion from landfill rate
Aluminium (17 04 02)						
Asbestos cement (17 06 05*)						
Asbestos insulation (17 06 01*)						
Asphalt (17 03 02)						
Batteries (Hazardous) (20 01 33*)						
Batteries (Non-hazardous) (20 01 04)						
Biodegradable/garden waste (20 02 01)						
Cables (17 04 11)						
Cans (20 01 40)						
Carpets (20 01 11)						
Concrete, bricks, tiles (17 01 07)						
Copper (17 04 01)						
Electronic equipment (20 01 35*)						
Floor tiles (wood) (03 01 05)						
Fluorescent tubes / mercury waste (20 01 21)						
Furniture (20 03 07)						
Glass (17 02 02)						
Gypsum (17 08 02)						
Hazardous waste (Segregated) (17 05 03*)						
Lead (17 04 03)						
Metals (17 04 07)						
Mixed C&D waste (17 09 04)						
Mixed C&D waste (Hazardous) (17 09 03*)						
Non-hazardous sludge (19 02 06)						
Packaging (17 02 03)						
Paint, adhesives etc. (20 01 27*)						
Paper (20 01 01)						
Plastic bottles (20 01 39)						
Plastic pipes (17 02 03)						
Refrigerant gases (16 05 04*)						
Refrigeration gases (Non-hazardous) (16 05 05)						
Septic tank waste (20 03 04)						
Soils and stones (Hazardous) (17 05 03*)						
Soils and stones (Inert) (17 05 04)						
#REF!						
Steel (17 04 05)						
Textiles (20 01 11)						
Wood (17 02 01)						
Total						

My Actions (Actual Waste Movements)

Waste Stream	Action	Action Owner	Action Status	Lessons Learned
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[Back to Estimated Waste](#)

					Waste Totals				Calculated Waste Totals					
Activity	Waste Stream	Proposed Waste Destination	Recovery Rate (%)	Default Recovery Rate (%)	Container Size	Number of Containers	m³	Tonnes	Container Size	Number of Containers	m³	Tonnes	Planned Actions	Action Owner
Construction	Metals (17 04 07)	Recycled / Recovered off site		100%	360 litre bin	1			360 litre bin	1	0.36	0.15	Clearly label waste bins on site to promote effective segregation	J.Smith
Construction	Floor / carpet tiles (17 09 04)	Landfilled		0%			0.5		1.31 yd3	1	0.50	0.44	Design to use full size components reducing offcuts	J.Smith
Construction	Soils and stones (Inert) (17 05 04)	Reused on site	85%	100%				15	16 yd3	1	12.00	15.00	Crush and screen to provide aggregate	J.Smith
Demolition	Asbestos cement (17 06 05*)	Landfilled		0%				0.2	1.31 yd3	1	0.65	0.20	Train staff in safe handling of hazardous waste	J.Smith
Demolition	Wood (17 02 01)	Reused off site		100%	1100 litre bin	3			1100 litre bin	3	3.30	1.12	Train staff on practical ways they can prevent and reduce waste	J.Smith
Demolition	Glass (17 02 02)	Recycled / Recovered off site	95%	100%	80 litre sack	1			80 litre sack	1	0.08	0.05	Ensure workplan is correct to avoid creating waste through reworking etc	J.Smith
Excavation	Concrete, bricks, tiles (17 01 07)	Reused on site		100%	35 yd3	10			35 yd3	10	267.60	331.82	Crush and screen to provide aggregate	J.Smith
Excavation	Soils and stones (Hazardous) (17 05 03*)	Landfilled		0%				0.3	1.31 yd3	1	0.24	0.30	Specify material that can be recycled / recovered	J.Smith
Excavation	Soils and stones (Inert) (17 05 04)	Recycled / Recovered off site		100%			4.8		8 yd3	1	4.80	6.00	Implement good housekeeping throughout site to promote good waste segregation and reuse opportunities	J.Smith
Fit Out	Cables (17 04 11)	Recycled / Recovered off site		100%				0.04	1.31 yd3	1	0.16	0.04	Train staff on practical ways to manage and handle material to reuse and recycle / recover waste	J.Smith
Fit Out	Floor / carpet tiles (17 09 04)	Reused off site		100%			5		8 yd3	1	5.00	4.35	Train staff to retain as much of existing building fabric as possible	J.Smith
Fit Out	Packaging (17 02 03)	Recycled / Recovered off site		100%	8 yd3	1			8 yd3	1	6.12	1.29	Agree with suppliers to 'take back' packaging and surplus material	J.Smith
Refurbishment	Wood (17 02 01)	Recycled / Recovered off site		100%			5		8 yd3	1	5.00	1.70	Ensure materials and waste containers are stored securely to reduce chances of damage/theft and contamination respectively	J.Smith
Refurbishment	Concrete, bricks, tiles (17 01 07)	Recycled / Recovered off site		100%				40	20 yd3	3	32.26	40.00	Schedule deliveries to avoid storing excessive quantities of material on site	J.Smith
Refurbishment	Refrigerant gasses (16 05 04*)	Recycled / Recovered off site		100%				0.005	1.31 yd3	1	0.01	0.01	Ensure materials and waste containers are stored securely to reduce chances of damage/theft and contamination respectively	J.Smith
Refurbishment	Paper (20 01 01)	Recycled / Recovered off site		100%	80 litre sack	1			80 litre sack	1	0.08	0.02	Train staff on practical ways they can prevent and reduce waste	J.Smith
Retrofit	Furniture (20 03 07)	Reused off site		100%				5	20 yd3	2	27.78	5.00	Train staff on practical ways to refurbish rather than replace	J.Smith
Retrofit	Electronic equipment (20 01 35*)	Reused off site		100%	1100 litre bin	2			1100 litre bin	2	2.20	0.46	Ensure materials and waste containers are stored securely to reduce chances of damage/theft and contamination respectively	J.Smith
Retrofit	Refrigerant gasses (16 05 04*)	Recycled / Recovered off site		100%				0.008	1.31 yd3	1	0.01	0.01	Train staff on practical ways to refurbish rather than replace	J.Smith
Strip Out	Paint, adhesives etc. (20 01 27*)	Recycled / Recovered off site		50%	360 litre bin	1			360 litre bin	1	0.36	0.36	Ensure workplan is correct to avoid creating waste through reworking etc	J.Smith

Strip Out	Dredgings (Non-hazardous) (17 05 06)	Landfilled		0%			25		20 yd3	2	25.00	12.75	Use waste containers of appropriate size to facilitate waste segregation	J.Smith
Strip Out	Textiles (20 01 11)	Recycled / Recovered off site		100%	80 litre sack	10			80 litre sack	10	0.80	0.22	Train staff to retain as much of existing building fabric as possible	J.Smith

[Back to Actual Waste](#)

Waste Totals

Activity	Waste Stream	Waste Carrier	Date of Movement (dd/mm/yyyy)	Destination	Recovery Rate (%)	Default Recovery Rate (%)	Container Size	Number of Containers	m³	Tonnes	Cost of Waste (£)	Actions Taken	Action Owner	Action Status	Comments/Notes/ Waste Transfer Notes
Construction	Metals (17 04 07)	Waste Company Ltd	31/08/2012	Recycled / Recovered off site		100%	660 litre bin	2			£200.00	Collect offcuts and surplus material and keep separate from other wastes in a designated storage area	J.Smith	Complete	Money back from waste contractor. WTN#64983
Construction	Floor / carpet tiles (17 09 04)	Waste Company Ltd	01/09/2012	Reused on site		100%	80 litre sack	1			£0.00	Procure correct quantity of material to avoid over-ordering	J.Smith	Complete	Overordering still occurred, but less waste than expected.
Construction	Soils and stones (Inert) (17 05 04)	Waste Company Ltd	19/09/2012	Reused off site		100%				45	£5,500.00	Use waste containers of appropriate size to facilitate waste segregation	J.Smith	Complete	Material segregated and sent off site. WTN#12345
Demolition	Asbestos cement (17 06 05*)	Waste Company Ltd	31/08/2012	Landfilled		0%				0.08	£250.00	Train staff in safe handling of hazardous waste	J.Smith	Complete	Landfill only option available.
Demolition	Wood (17 02 01)	Waste Company Ltd	01/09/2012	Reused off site		100%			5		£60.00	Ensure materials and waste containers are stored securely to reduce chances of damage/theft and contamination respectively	J.Smith	Complete	WTN#16495
Demolition	Glass (17 02 02)	Waste Company Ltd	19/09/2012	Recycled / Recovered off site	0.75	100%	205 litre drum	2			£22.00	Clearly label waste bins on site to promote effective segregation	J.Smith	Complete	Contamination levels low due to improved signage on container.
Excavation	Concrete, bricks, tiles (17 01 07)	Waste Company Ltd	31/08/2012	Reused on site		100%	360 litre bin	6			£0.00	Train staff on practical ways to refurbish rather than replace	J.Smith	Complete	Cost saving to be quantified.
Excavation	Soils and stones (Hazardous) (17 05 03*)	Waste Company Ltd	01/09/2012	Reused on site	1	0%				3	£0.00	Train staff in safe handling of hazardous waste	J.Smith	Complete	Cost saving to be quantified.
Excavation	Soils and stones (Inert) (17 05 04)	Waste Company Ltd	19/09/2012	Recycled / Recovered off site		100%			11		£125.00	Crush and screen to provide aggregate	J.Smith	Complete	Material taken off-site. WTN#23445
Fit Out	Cables (17 04 11)	Waste Company Ltd	31/08/2012	Reused off site		100%				0.2	£30.00	Clearly label waste bins on site to promote effective segregation	J.Smith	Complete	WTN#64973 Money back from waste contractor.
Fit Out	Floor / carpet tiles (17 09 04)	Waste Company Ltd	01/09/2012	Recycled / Recovered off site		100%	660 litre bin	4			£83.00	Procure correct quantity of material to avoid over-ordering	J.Smith	Complete	Material damaged on-site due to poor storage.
Fit Out	Packaging (17 02 03)	Waste Company Ltd	19/09/2012	Recycled / Recovered off site		100%			2.3		£0.00	Agree with suppliers to 'take back' packaging and surplus material	J.Smith	Complete	Successful'take-back'scheme with suppliers implemented.
Refurbishment	Wood (17 02 01)	Waste Company Ltd	31/08/2012	Reused on site		100%				9.1	£0.00	Use off site construction/prefabricated options	J.Smith	Complete	Cost to be entered when known.
Refurbishment	Concrete, bricks, tiles (17 01 07)	Waste Company Ltd	01/09/2012	Reused off site		100%	240 litre bin	13			£0.00	Segregate waste from other waste streams that can't be reused / recycled / recovered	J.Smith	Complete	Cost to be entered when known.
Refurbishment	Refrigerant gasses (16 05 04*)	Waste Company Ltd	19/09/2012	Recycled / Recovered off site		100%				0.007	£250.00	Specify material that can be recycled / recovered	J.Smith	Complete	Contractor removed from site for further recovery. WTN#66879
Refurbishment	Paper (20 01 01)	Waste Company Ltd	31/08/2012	Recycled / Recovered off site		100%			2		£25.00	Train staff on practical ways to manage and handle material to reuse and recycle / recover waste	J.Smith	Complete	Material effectively segregated from other wastes and money back received from waste contractor..
Retrofit	Furniture (20 03 07)	Waste Company Ltd	01/09/2012	Reused on site		100%	1100 litre bin	1			£0.00	Ensure workplan is correct to avoid creating waste through reworking etc	J.Smith	Complete	Furniture to be reused on site upon instruction from client.
Retrofit	Electronic equipment (20 01 35*)	Waste Company Ltd	19/09/2012	Reused off site		100%	5 yd3	2			£600.00	Clearly label waste bins on site to promote effective segregation	J.Smith	Complete	WEEE kept segregated and protected from the elements.
Retrofit	Refrigerant gasses (16 05 04*)	Waste Company Ltd	31/08/2012	Recycled / Recovered off site		100%				0.002	£250.00	Specify material that can be recycled / recovered	J.Smith	Complete	WTN#88793
Strip Out	Paint, adhesives etc. (20 01 27*)	Waste Company Ltd	01/09/2012	Reused off site		50%	205 litre drum	1			£150.00	Implement good housekeeping throughout site to promote good waste segregation and reuse opportunities	J.Smith	Complete	WTN#55849
Strip Out	Gypsum (17 08 02)	Waste Company Ltd	19/09/2012	Landfilled		0%	12 yd3	8			£1,200.00	Implement good housekeeping throughout site to promote good waste segregation and reuse opportunities	J.Smith	Complete	WTN#43213

Strip Out	Textiles (20 01 11)	Waste Company Ltd	31/08/2012	Recycled / Recovered off site		100%			14		-£220.00	Train staff on practical ways they can prevent and reduce waste	J.Smith	Complete	Money back from waste contractor for textiles.
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Waste Stream	M3	Tonnes	Recycling rate	Container size
Aluminium (17 04 02)	1	0.2	90%	10kg ga
Asbestos cement (17 06 05*)	1	0.31	0%	45kg ga
Asbestos insulation (17 06 01*)	1	0.28	0%	80
Asphalt (17 03 02)	1	1.25	75%	205
Batteries (Hazardous) (20 01 33*)	1	0.9	75%	240
Batteries (Non-hazardous) (20 01 04)	1	0.9	75%	360
Biodegradable/garden waste (20 02 01)	1	0.38	70%	660
Cables (17 04 11)	1	0.25	70%	770
Cans (20 01 40)	1	0.22	70%	1100
Carpets (20 01 11)	1	0.87	92%	1.31
Concrete, bricks, tiles (17 01 07)	1	1.24	99%	2
Copper (17 04 01)	1	0.9	90%	4
Non-hazardous sludge (19 02 06)	1	0.51	70%	5
Electronic equipment (20 01 35*)	1	0.21	99%	6
Floor tiles (wood) (03 01 05)	1	0.87	95%	8
Fluorescent tubes / mercury waste (20 01 2)	1	0.19	70%	10
Furniture (20 03 07)	1	0.18	65%	12
Glass (17 02 02)	1	0.61	70%	14
Gypsum (17 08 02)	1	0.33	94%	16
Hazardous waste (Segregated) (17 05 03*)	1	1	87%	20
Lead (17 04 03)	1	0.91	90%	25
Metals (17 04 07)	1	0.42	96%	30
Mixed C&D waste (17 09 04)	1	0.32	81%	35
Mixed C&D waste (Hazardous) (17 09 03*)	1	0.27	87%	40
Packaging (17 02 03)	1	0.21	91%	2-
Paint, adhesives etc. (20 01 27*)	1	0.17	95%	3-
Paper (20 01 01)	1	0.21	87%	4-
Plastic bottles (20 01 39)	1	0.22	91%	
Plastic pipes (17 02 03)	1	0.23	91%	
Refrigerant gases (16 05 04*)	1	0.17	90%	
Refrigeration gases (Non-hazardous) (16 05)	1	0.17	90%	
Septic tank waste (20 03 04)	1	0.92	50%	
Soils and stones (Hazardous) (17 05 03*)	1	1.25	0%	
Soils and stones (Inert) (17 05 04)	1	1.25	99%	
Soils and stones (Non-hazardous) (17 05 03)	1	1.25	70%	
Steel (17 04 05)	1	0.41	90%	
Textiles (20 01 11)	1	0.27	50%	
Wood (17 02 01)	1	0.34	95%	

Note

Updated December 2017 from BRE SmartWaste Data

CU Metre

0.01	10kg gas cylinder
0.045	45kg gas cylinder
0.08	80 litre sack
0.205	205 litre drum
0.24	240 litre bin
0.36	360 litre bin
0.66	660 litre bin
0.77	770 litre bin
1.1	1100 litre bin
1	skip
1.53	skip
3.06	skip
3.82	skip
4.59	skip
6.12	skip
7.65	skip
9.17	skip
10.7	skip
12.23	skip
15.29	skip
19.11	skip
22.94	skip
26.76	skip
30.58	skip
8	truck
10	truck
14	truck

To Be Hidden

Construction

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

Reused on site

Reused off site

Recycled / Recovered off site

Landfilled

Demolition

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)

Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

Reused on site

Reused off site

Recycled / Recovered off site

Landfilled

Excavation

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)

Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

Reused on site

Reused off site

Recycled / Recovered off site

Landfilled

Fit Out

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)

Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

Reused on site

Reused off site

Recycled / Recovered off site

Landfilled

Refurbishment

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)

Textiles (20 01 11)
Wood (17 02 01)
Reused on site
Reused off site
Recycled / Recovered off site
Landfilled

Retrofit

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)
Reused on site
Reused off site
Recycled / Recovered off site
Landfilled

Strip Out

Waste Stream Usage

Used Waste Streams

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

Reused on site

Reused off site

Recycled / Recovered off site

Landfilled

m3

yd3

My Actions Table (Actual Waste)

[illegible]

Estimated Gross Volume Gross Tonnes		Estimated - De
		Total Waste Ar
		Gross Volume
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Aluminium (17 04 02)	0
Asbestos cement (17 06 05*)	0
Asbestos insulation (17 06 01*)	0
Asphalt (17 03 02)	0
Batteries (Hazardous) (20 01 33*)	0
Batteries (Non-hazardous) (20 01 04)	0.5
Biodegradable/garden waste (20 02 0)	0
Cables (17 04 11)	0
Cans (20 01 40)	0
Carpets (20 01 11)	0
Concrete, bricks, tiles (17 01 07)	0
Copper (17 04 01)	0
Electronic equipment (20 01 35*)	0
Floor tiles (wood) (03 01 05)	0
Fluorescent tubes / mercury waste (20 01 35*)	0
Furniture (20 03 07)	0
Glass (17 02 02)	0
Gypsum (17 08 02)	0
Hazardous waste (Segregated) (17 05 01)	0
Lead (17 04 03)	0
Metals (17 04 07)	0
Mixed C&D waste (17 09 04)	0
Mixed C&D waste (Hazardous) (17 09 05)	0
Non-hazardous sludge (19 02 06)	0
Packaging (17 02 03)	0
Paint, adhesives etc. (20 01 27*)	0
Paper (20 01 01)	0
Plastic bottles (20 01 39)	0
Plastic pipes (17 02 03)	0
Refrigerant gases (16 05 04*)	0
Refrigeration gases (Non-hazardous) (16 05 05)	0
Septic tank waste (20 03 04)	0
Soils and stones (Hazardous) (17 05 03)	0
Soils and stones (Inert) (17 05 04)	0
Steel (17 04 05)	0
Textiles (20 01 11)	0
Wood (17 02 01)	0

[illegible]

[illegible]

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[illegible]

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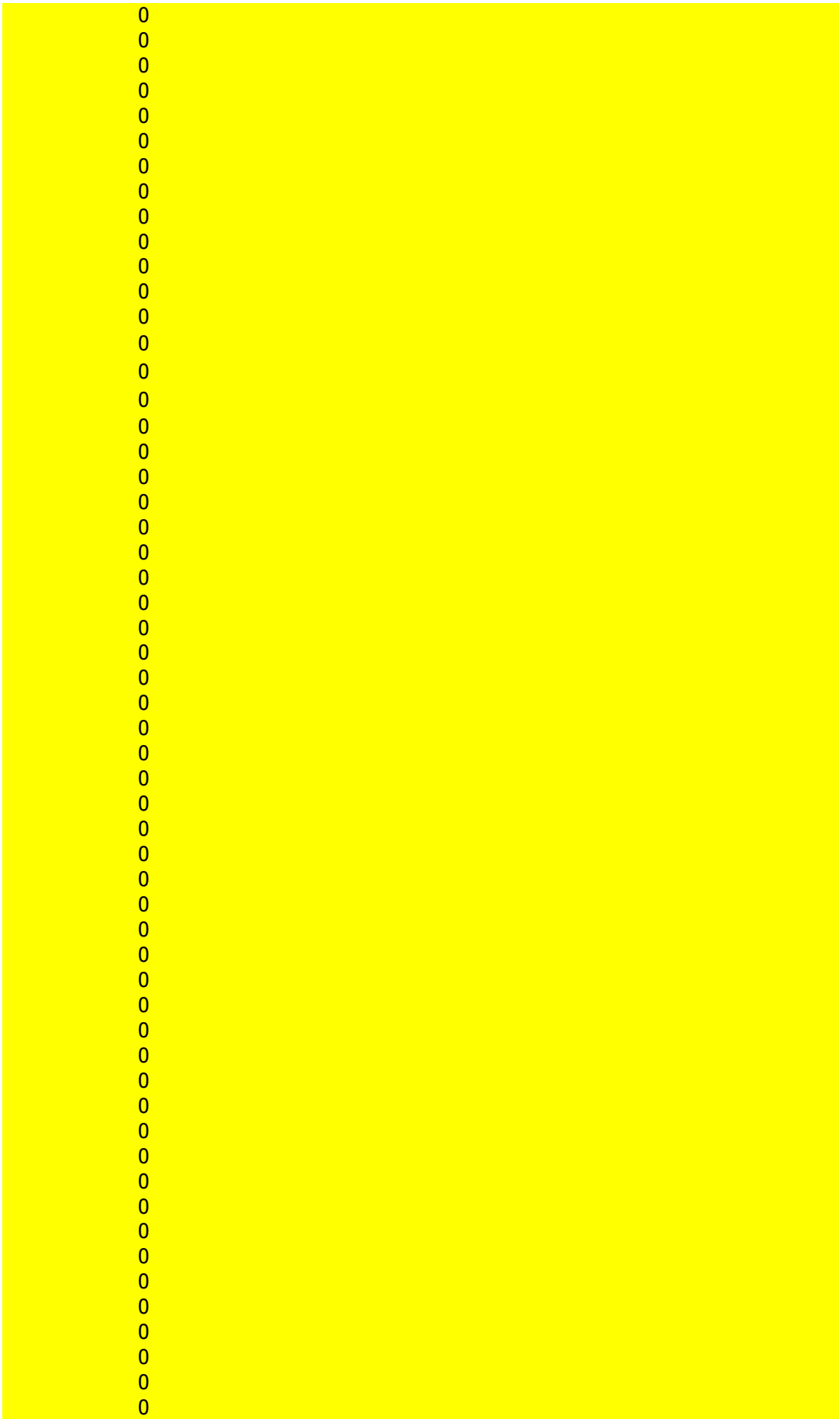
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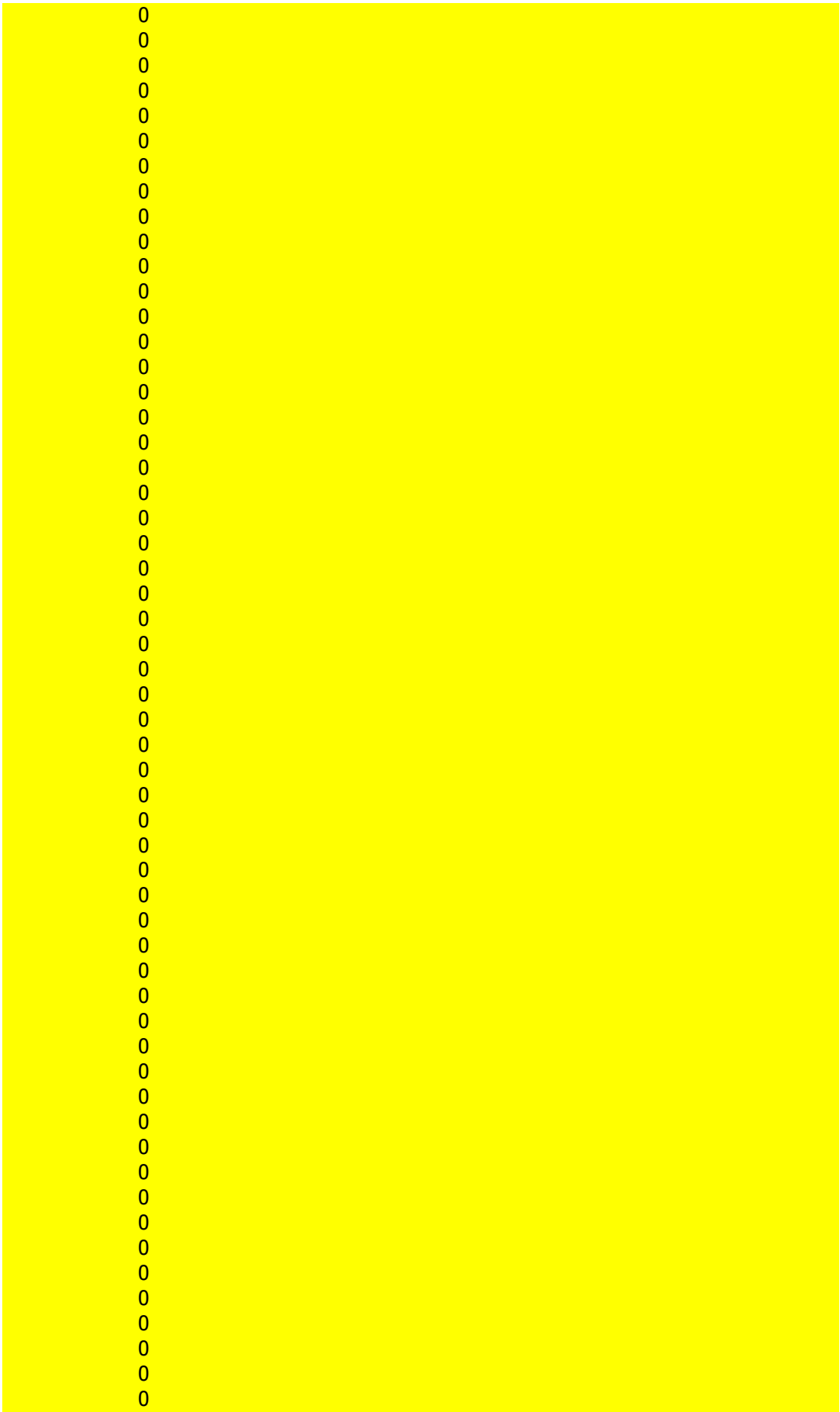
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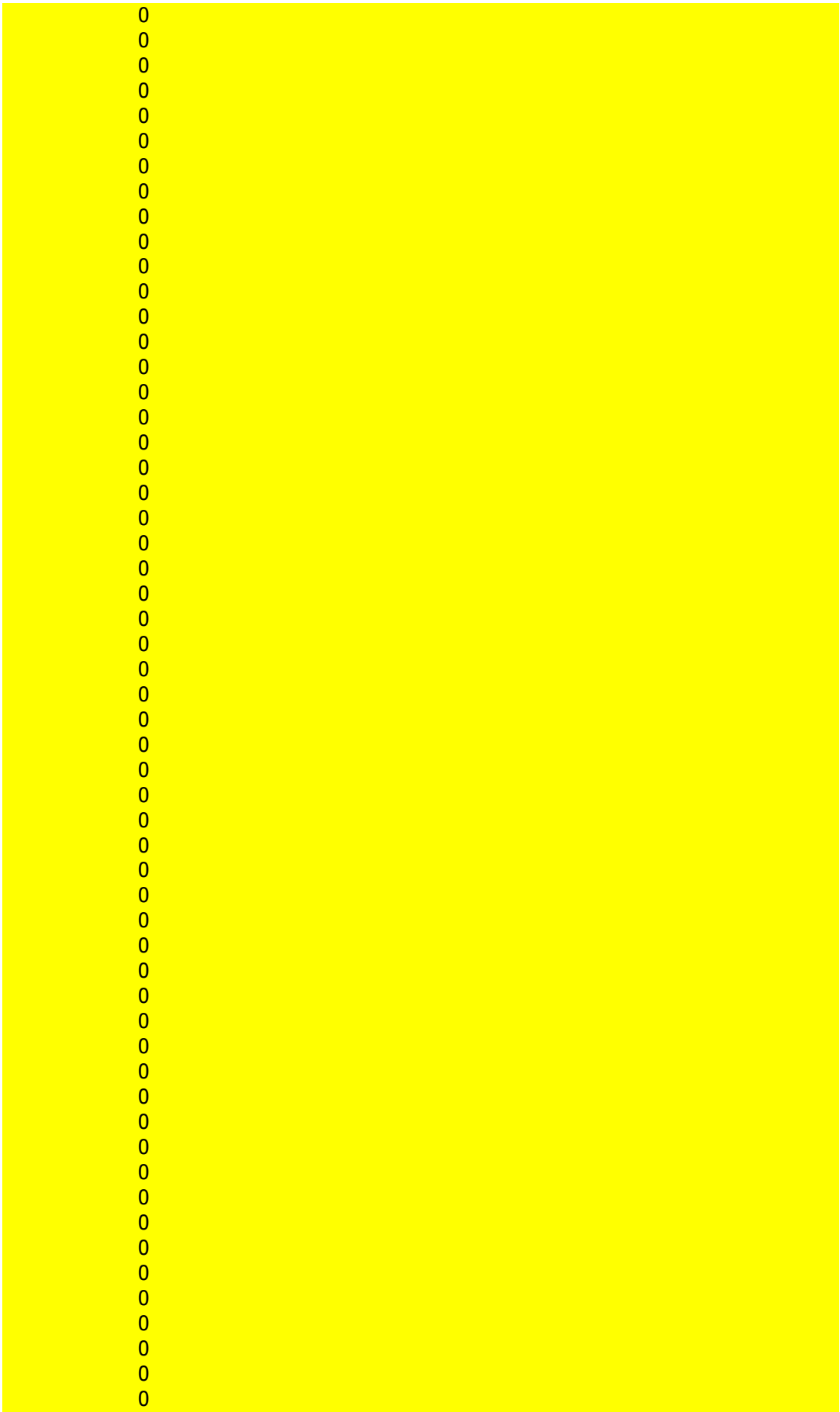
user
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[illegible][illegible]

[illegible][illegible]

0 0

[illegible][illegible][illegible]

Actual Waste
m3

yd3

auto
skip size







[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

0.5

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

The diagram consists of five vertical lines. Each line has 20 zeros stacked vertically. The lines are separated by horizontal gaps, and each line has a zero at the bottom.

[illegible]

[illegible]

1

Aluminium (17 04 02)
Asbestos cement (17 06 05*)
Asbestos insulation (17 06 01*)
Asphalt (17 03 02)
Batteries (Hazardous) (20 01 33*)
Batteries (Non-hazardous) (20 01 04)
Biodegradable/garden waste (20 02 01)
Cables (17 04 11)
Cans (20 01 40)
Carpets (20 01 11)
Concrete, bricks, tiles (17 01 07)
Copper (17 04 01)
Electronic equipment (20 01 35*)
Floor tiles (wood) (03 01 05)
Fluorescent tubes / mercury waste (20 01 21)
Furniture (20 03 07)
Glass (17 02 02)
Gypsum (17 08 02)
Hazardous waste (Segregated) (17 05 03*)
Lead (17 04 03)
Metals (17 04 07)
Mixed C&D waste (17 09 04)
Mixed C&D waste (Hazardous) (17 09 03*)
Non-hazardous sludge (19 02 06)
Packaging (17 02 03)
Paint, adhesives etc. (20 01 27*)
Paper (20 01 01)
Plastic bottles (20 01 39)
Plastic pipes (17 02 03)
Refrigerant gases (16 05 04*)
Refrigeration gases (Non-hazardous) (16 05 05)
Septic tank waste (20 03 04)
Soils and stones (Hazardous) (17 05 03*)
Soils and stones (Inert) (17 05 04)
Steel (17 04 05)
Textiles (20 01 11)
Wood (17 02 01)

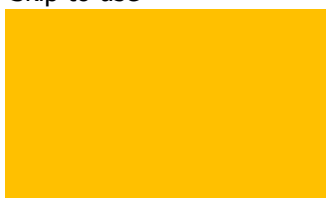
Named Ranges (in blue)

ActionsTaken

ContainerSize

er

Skip to use



10kg gas cylinder
 Agree with suppliers the 45kg gas cylinder
 Agree with suppliers to 80 litre sack
 Clearly label waste bins 205 litre drum
 Collect offcuts and surp 240 litre bin
 Crush and screen to prc 360 litre bin
 Design to use full size c 660 litre bin
 Ensure materials and w. 770 litre bin

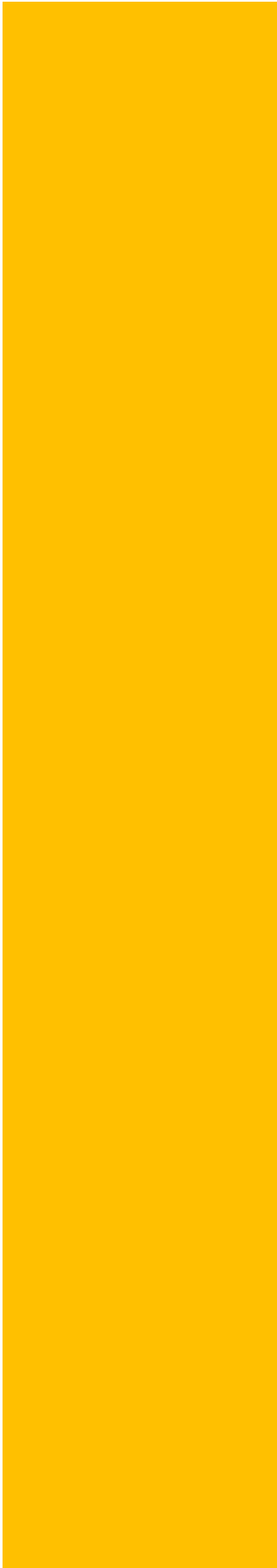
Ensure workplan is correct 1100 litre bin
 Implement good housekeeping 1.31 yd3 (1m3)
 Procure correct quantity 2 yd3
 Schedule deliveries to a 4 yd3
 Segregate waste from construction 5 yd3
 Specify material that can be reused 6 yd3
 Train staff in safe handling 8 yd3
 Train staff on practical reuse 10 yd3
 Train staff on practical reuse 12 yd3
 Train staff on practical reuse 14 yd3
 Train staff to retain as much as possible 16 yd3
 Use off site construction 20 yd3
 Use waste containers of 25 yd3
 Balance cut/fill quantities 30 yd3
 Cold recycling of pavement 35 yd3
 Design to retain as much as possible 40 yd3
 Design to retain existing buildings 20T
 Designing site layout to use existing topography
 In-situ remediation or encapsulation of contamination
 Manufacture soils on site using PAS 100 compost
 Reduce the range of materials required to encourage reuse
 Refurbish instead of replacing structures or components
 Reusing existing products and materials
 Simplify the design, form or layout without compromising function
 Treating of soils with cementitious agents / use of lime
 Use pre-demolition audit to increase reuse and reduce waste
 Use pre-refurbishment audit to increase reuse and reduce waste
 Using just-in-time delivery

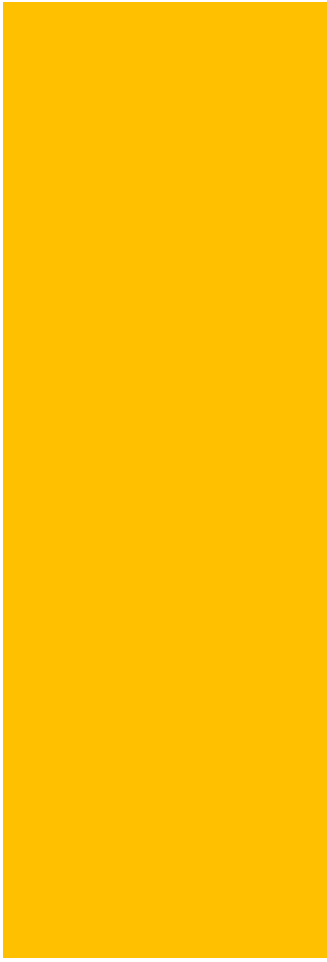
Container Sizes

Aluminium_17_04_02	205 litre drum
Asbestos_cement_17_04_02	80 litre sack
Asbestos_insulation_17_04_02	80 litre sack
Asphalt_17_03_02	2-axle truck
Batteries_Hazardous_17_04_02	240 litre bin
Batteries_Non_hazardous_17_04_02	240 litre bin
Biodegradable_garden_waste_17_04_02	80 litre sack
Cables_17_04_11	205 litre drum
Cans_20_01_40	80 litre sack
Carpets_20_01_11	205 litre drum
Concrete_bricks_tiles_17_04_01	2-axle truck
Copper_17_04_01	205 litre drum
Electronic_equipment_17_04_01	205 litre drum
Floor_tiles_wood_03_07	205 litre drum
Fluorescent_tubes_17_04_01	205 litre drum
Furniture_20_03_07	240 litre bin
Glass_17_02_02	1100 litre bin
Gypsum_17_08_02	80 litre sack
Hazardous_waste_Segregated_17_04_02	80 litre sack
Lead_17_04_03	205 litre drum
Metals_17_04_07	205 litre drum
Mixed_C_D_waste_17_04_02	2-axle truck
Mixed_C_D_waste_Hazardous_17_04_02	2-axle truck
Non_hazardous_sludge_17_04_02	2-axle truck

Packaging_17_02_03	80 litre sack
Paint_adhesives_etc	205 litre drum
Paper_20_01_01_	80 litre sack
Plastic_bottles_20_	80 litre sack
Plastic_pipes_17_02	80 litre sack
Refrigerant_gases_1	10kg gas cylinder
Refrigeration_gases	10kg gas cylinder
Septic_tank_waste_2	205 litre drum
Soils_and_stones_Ha	2-axle truck
Soils_and_stones_In	2-axle truck
Steel_17_04_05	205 litre drum
Textiles_20_01_11	80 litre sack
Wood_17_02_01	205 litre drum

Aluminium (17 04 02)
 Asbestos cement (17 06 05*)
 Asbestos insulation (17 06 01*)
 Asphalt (17 03 02)
 Batteries (Hazardous) (20 01 33*)
 Batteries (Non-hazardous) (20 01 04)
 Biodegradable/garden waste (20 02 01)
 Cables (17 04 11)
 Cans (20 01 40)
 Carpets (20 01 11)
 Concrete, bricks, tiles (17 01 07)
 Copper (17 04 01)
 Electronic equipment (20 01 35*)
 Floor tiles (wood) (03 01 05)
 Fluorescent tubes / mercury waste (20 01 21)
 Furniture (20 03 07)
 Glass (17 02 02)
 Gypsum (17 08 02)
 Hazardous waste (Segregated) (17 05 03*)
 Lead (17 04 03)
 Metals (17 04 07)
 Mixed C&D waste (17 09 04)
 Mixed C&D waste (Hazardous) (17 09 03*)
 Non-hazardous sludge (19 02 06)
 Packaging (17 02 03)
 Paint, adhesives etc. (20 01 27*)
 Paper (20 01 01)
 Plastic bottles (20 01 39)
 Plastic pipes (17 02 03)
 Refrigerant gases (16 05 04*)
 Refrigeration gases (Non-hazardous) (16 05 05)
 Septic tank waste (20 03 04)
 Soils and stones (Hazardous) (17 05 03*)
 Soils and stones (Inert) (17 05 04)
 Steel (17 04 05)
 Textiles (20 01 11)
 Wood (17 02 01)





[illegible]

0	0	
0	0	
0	0	0

[illegible]

Actual - Strip Out	
Total Waste Arisings	

[illegible]

		Total Waste Arisings	
		Gross Volume (m3)	Gross Tonnes
All		0	0
Construction		0	0
Demolition		0	0
Excavation		0	0
Fit Out		0	0
Refurbishment		0	0
Retrofit		0	0
Strip Out		0	0
		0	0

[illegible]

WasteStream	ActionStatus	Proposed_Waste_De	CDE 8
Aluminium (17 04 02)	Incomplete	Reused on site	All
Asbestos cement (17 06 05*)		Reused off site	Constr
Asbestos insulation (17 06 01*)		Recycled / Recovered of	Demol
Asphalt (17 03 02)	Complete	Landfilled	Excava
Batteries (Hazardous) (20 01 33*)			Fit Out
Batteries (Non-hazardous) (20 01 04)			Refurb
Biodegradable/garden waste (20 02 01)			Retrof
Cables (17 04 11)			Strip C

Cans (20 01 40)
 Carpets (20 01 11)
 Concrete, bricks, tiles (17 01 07)
 Copper (17 04 01)
 Electronic equipment (20 01 35*)
 Floor tiles (wood) (03 01 05)
 Fluorescent tubes / mercury waste (20 01 21)
 Furniture (20 03 07)
 Glass (17 02 02)
 Gypsum (17 08 02)
 Hazardous waste (Segregated) (17 05 03*)
 Lead (17 04 03)
 Metals (17 04 07)
 Mixed C&D waste (17 09 04)
 Mixed C&D waste (Hazardous) (17 09 03*)
 Non-hazardous sludge (19 02 06)
 Packaging (17 02 03)
 Paint, adhesives etc. (20 01 27*)
 Paper (20 01 01)
 Plastic bottles (20 01 39)
 Plastic pipes (17 02 03)
 Refrigerant gases (16 05 04*)
 Refrigeration gases (Non-hazardous) (16 05 05)
 Septic tank waste (20 03 04)
 Soils and stones (Hazardous) (17 05 03*)
 Soils and stones (Inert) (17 05 04)
 Steel (17 04 05)
 Textiles (20 01 11)
 Wood (17 02 01)

240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	4-axle truck	660 litre bin	770 lit
3-axle truck	4 yd3	2 yd3	360 lit
360 litre bin	660 litre bin	770 litre bin	1100 l
360 litre bin	660 litre bin	770 litre bin	1100 l
205 litre drum	240 litre bin	360 litre bin	660 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	240 litre bin	360 litre bin	660 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
3-axle truck	4 yd3	2 yd3	360 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
360 litre bin	660 litre bin	770 litre bin	1100 l
2 yd3	4 yd3	5 yd3	6 yd3
205 litre drum	240 litre bin	360 litre bin	660 lit
205 litre drum	240 litre bin	360 litre bin	660 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
3-axle truck	4 yd3	2 yd3	360 lit
3-axle truck	4 yd3	2 yd3	360 lit
3-axle truck	4 yd3	2 yd3	360 lit

205 litre drum	240 litre bin	360 litre bin	660 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
205 litre drum	240 litre bin	360 litre bin	660 lit
205 litre drum	240 litre bin	360 litre bin	660 lit
205 litre drum	240 litre bin	360 litre bin	660 lit
45kg gas cylinder			
45kg gas cylinder			
240 litre bin	360 litre bin	660 litre bin	770 lit
3-axle truck	4 yd3	2 yd3	360 lit
3-axle truck	4 yd3	2 yd3	360 lit
240 litre bin	360 litre bin	660 litre bin	770 lit
205 litre drum	240 litre bin	360 litre bin	660 lit
240 litre bin	360 litre bin	660 litre bin	770 lit

Aluminium_17_04_02
 Asbestos_cement_17_
 Asbestos_insulation
 Asphalt_17_03_02
 Batteries_Hazardous
 Batteries_Non_hazar
 Biodegradablegarden
 Cables_17_04_11
 Cans_20_01_40
 Carpets_20_01_11
 Concrete_bricks_til
 Copper_17_04_01
 Electronic equipmen
 Floor_tiles_wood_03
 Fluorescent_tubes__
 Furniture_20_03_07
 Glass_17_02_02
 Gypsum_17_08_02
 Hazardous_waste_Seg
 Lead_17_04_03
 Metals_17_04_07
 Mixed_C_D_waste_17_
 Mixed_C_D_waste_Haz
 Non_hazardous_sludg
 Packaging_17_02_03
 Paint_adhesives_etc
 Paper_20_01_01_
 Plastic_bottles_20_
 Plastic_pipes_17_02
 Refrigerant_gases_1
 Refrigeration_gases
 Septic_tank_waste_2
 Soils_and_stones_Ha
 Soils_and_stones_In
 Steel_17_04_05
 Textiles_20_01_11
 Wood_17_02_01

Ensure	Train staff on practical	Train staff on
Implement	Train staff on practical	Train staff on
Procure correct	Train staff on practical	Train staff on
Schedule	Train staff to retain as	Use waste
Segregate	Use waste containers of	Balance cut/fill
Specify	Reusing existing	Designing site
Train staff in	Use pre-demolition audit	Treating of
Train staff on	Cold recycling of	In-situ
Train staff on		Manufacture
Train staff on		
Train staff to		
Use off site		
Use waste		

Using just-in-time delivery

Simplify the design, form or layout without compromising tl

Reduce the range of materials required to encourage reuse

1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
1100 litre bin	2 yd3	4 yd3	5 yd3
1100 litre bin	2 yd3	4 yd3	5 yd3
5 yd3	6 yd3	8 yd3	10 yd3
1.31 yd3 (1m3)			
1.31 yd3 (1m3)			
770 litre bin	1100 litre bin	1.31 yd3 (1m3)	2 yd3
1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
770 litre bin	1100 litre bin	1.31 yd3 (1m3)	2 yd3
1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
5 yd3	6 yd3	8 yd3	10 yd3
1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
1100 litre bin	2 yd3	4 yd3	5 yd3
1100 litre bin	2 yd3	4 yd3	5 yd3
1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
2 yd3	4 yd3	5 yd3	6 yd3
8 yd3	10 yd3	12 yd3	14 yd3
770 litre bin	1100 litre bin	2 yd3	4 yd3
770 litre bin	1100 litre bin	1.31 yd3 (1m3)	2 yd3
1100 litre bin	2 yd3	4 yd3	5 yd3
1100 litre bin	1.31 yd3 (1m3)	2 yd3	4 yd3
5 yd3	6 yd3	8 yd3	10 yd3
5 yd3	6 yd3	8 yd3	10 yd3
5 yd3	6 yd3	8 yd3	10 yd3

770 litre bin	1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³
1100 litre bin	2 yd ³	4 yd ³	5 yd ³
770 litre bin	1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³
770 litre bin	1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³
770 litre bin	1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³

1100 litre bin	2 yd ³	4 yd ³	5 yd ³
5 yd ³	6 yd ³	8 yd ³	10 yd ³
5 yd ³	6 yd ³	8 yd ³	10 yd ³
1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³	4 yd ³
770 litre bin	1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³
1100 litre bin	1.31 yd ³ (1m ³)	2 yd ³	4 yd ³

[illegible][illegible]

The diagram consists of four vertical yellow bars. Each bar has a black outline and is labeled with a black '0' at the top and bottom. The bars are arranged in a row, with a small gap between the second and third bars. The background is white.

[illegible]

Implement good	Ensure workplan is	Ensure workplan is	Train staff in safe
Procure correct quantity	Implement good	Implement good	Train staff on
Schedule deliveries to	Procure correct	Procure correct	Train staff on
Segregate waste from	Schedule deliveries	Schedule deliveries	Train staff on
Specify material that can	Segregate waste	Segregate waste	Train staff to
Train staff in safe	Specify material	Specify material	Use waste
Train staff on practical	Train staff in safe	Train staff in safe	Design to retain as much of existing bui
Train staff on practical	Train staff on	Train staff on	Use pre-refurbishment audit to increase
Train staff on practical	Train staff on	Train staff on	
Train staff to retain as	Train staff on	Train staff on	
Use off site	Train staff to	Train staff to	
Use waste containers of	Use off site	Use off site	
Using just-in-time delivery	Use waste	Use waste	
	Design to retain exi	Design to retain as much of existing building fabric as possibl	
the design concept	Use pre-refurbishm	Using just-in-time delivery	
of offcuts	Refurbish instead of replacing structures or components		
	Using just-in-time delivery		

5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3

4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
8 yd3	10 yd3	12 yd3	14 yd3	16 yd3
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3

4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3

6 yd3	8 yd3	10 yd3	12 yd3	14 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3
4 yd3	5 yd3	6 yd3	8 yd3	10 yd3
5 yd3	6 yd3	8 yd3	10 yd3	12 yd3

Energy Recovery		Waste Recycled		Waste Re-Used	
Volume (m3)	Tonnes	Volume (m3)	Tonnes	Volume (m3)	Tonnes
0	0	0	0	0	0

Energy Recovery		Waste Recyled		Waste Re-Used	
Volume (m3)	Tonnes	Volume (m3)	Tonnes	Volume (m3)	Tonnes

ilding fabric as possible

≥ reuse and recycling of existing building components

ible

14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
30 yd3	35 yd3	40 yd3				

12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
30 yd3	35 yd3	40 yd3				
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
20 yd3	25 yd3	30 yd3	35 yd3	40 yd3		
40 yd3						
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
30 yd3	35 yd3	40 yd3				
30 yd3	35 yd3	40 yd3				
30 yd3	35 yd3	40 yd3				

12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
16 yd3						
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3

16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3	
30 yd3	35 yd3	40 yd3				
30 yd3	35 yd3	40 yd3				
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3
12 yd3	14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3
14 yd3	16 yd3	20 yd3	25 yd3	30 yd3	35 yd3	40 yd3

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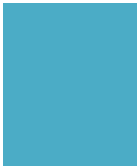
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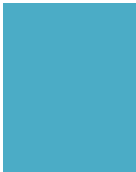
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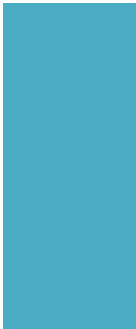
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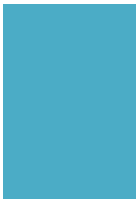
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European Waste Catalogue (2001/118/EC as amended)

WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD

WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

WASTES FROM INORGANIC CHEMICAL PROCESSES

WASTES FROM ORGANIC CHEMICAL PROCESSES

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

WASTES FROM THE PHOTOGRAPHIC INDUSTRY

WASTES FROM THERMAL PROCESSES

WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY

WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)

WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

WASTES NOT OTHERWISE SPECIFIED IN THE LIST

CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE

MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

wastes from mineral excavation

wastes from mineral metalliferous excavation

wastes from mineral non-metalliferous excavation

wastes from physical and chemical processing of metalliferous minerals

acid-generating tailings from processing of sulphide ore

other tailings containing dangerous substances

tailings other than those mentioned in 01 03 04 and 01 03 05

other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
dusty and powdery wastes other than those mentioned in 01 03 07
red mud from alumina production other than the wastes mentioned in 01 03 07
wastes not otherwise specified

wastes from physical and chemical processing of non-metalliferous minerals

wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
waste gravel and crushed rocks other than those mentioned in 01 04 07

waste sand and clays

dusty and powdery wastes other than those mentioned in 01 04 07

wastes from potash and rock salt processing other than those mentioned in 01 04 07

tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11

wastes from stone cutting and sawing other than those mentioned in 01 04 07

wastes not otherwise specified

drilling muds and other drilling wastes

freshwater drilling muds and wastes

oil-containing drilling muds and wastes

drilling muds and other drilling wastes containing dangerous substances

barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06

wastes not otherwise specified

WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing

sludges from washing and cleaning

animal-tissue waste

plant-tissue waste

waste plastics (except packaging)

animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site

wastes from forestry

agrochemical waste containing dangerous substances

agrochemical waste other than those mentioned in 02 01 08

waste metal

wastes not otherwise specified

wastes from the preparation and processing of meat, fish and other foods of animal origin

sludges from washing and cleaning

animal-tissue waste

materials unsuitable for consumption or processing

sludges from on-site effluent treatment

wastes not otherwise specified

wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation

sludges from washing, cleaning, peeling, centrifuging and separation

wastes from preserving agents

wastes from solvent extraction

materials unsuitable for consumption or processing

sludges from on-site effluent treatment

wastes not otherwise specified

wastes from sugar processing

soil from cleaning and washing beet

off-specification calcium carbonate

sludges from on-site effluent treatment

wastes not otherwise specified

wastes from the dairy products industry

materials unsuitable for consumption or processing

sludges from on-site effluent treatment

wastes not otherwise specified

wastes from the baking and confectionery industry

materials unsuitable for consumption or processing

wastes from preserving agents
sludges from on-site effluent treatment
wastes not otherwise specified
wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
wastes from washing, cleaning and mechanical reduction of raw materials
wastes from spirits distillation
wastes from chemical treatment
materials unsuitable for consumption or processing
sludges from on-site effluent treatment
wastes not otherwise specified

WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD

wastes from wood processing and the production of panels and furniture

waste bark and cork
sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
wastes not otherwise specified

wastes from wood preservation

non-halogenated organic wood preservatives
organochlorinated wood preservatives
organometallic wood preservatives
inorganic wood preservatives
other wood preservatives containing dangerous substances
wood preservatives not otherwise specified

wastes from pulp, paper and cardboard production and processing

waste bark and wood
green liquor sludge (from recovery of cooking liquor)
de-inking sludges from paper recycling
mechanically separated rejects from pulping of waste paper and cardboard
wastes from sorting of paper and cardboard destined for recycling
lime mud waste
fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
sludges from on-site effluent treatment other than those mentioned in 03 03 10
wastes not otherwise specified

WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

wastes from the leather and fur industry

fleshings and lime split wastes
liming waste
degreasing wastes containing solvents without a liquid phase
tanning liquor containing chromium
tanning liquor free of chromium
sludges, in particular from on-site effluent treatment containing chromium
sludges, in particular from on-site effluent treatment free of chromium
waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
wastes from dressing and finishing
wastes not otherwise specified

wastes from the textile industry

wastes from composite materials (impregnated textile, elastomer, plastomer)
organic matter from natural products (for example grease, wax)
wastes from finishing containing organic solvents
wastes from finishing other than those mentioned in 04 02 14
dyestuffs and pigments containing dangerous substances
dyestuffs and pigments other than those mentioned in 04 02 16
sludges from on-site effluent treatment containing dangerous substances
Sludges from on-site effluent treatment other than those mentioned in 04 02 19
wastes from unprocessed textile fibres
wastes from processed textile fibres

wastes not otherwise specified

WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

wastes from petroleum refining

desalter sludges

tank bottom sludges

acid alkyl sludges

oil spills

oily sludges from maintenance operations of the plant or equipment

acid tars

other tars

sludges from on-site effluent treatment containing dangerous substances

Sludges from on-site effluent treatment other than those mentioned in 05 01 09

wastes from cleaning of fuels with bases

oil containing acids

boiler feedwater sludges

wastes from cooling columns

spent filter clays

sulphur-containing wastes from petroleum desulphurisation

bitumen

wastes not otherwise specified

wastes from the pyrolytic treatment of coal

acid tars

other tars

waste from cooling columns

wastes not otherwise specified

wastes from natural gas purification and transportation

wastes containing mercury

wastes containing sulphur

wastes not otherwise specified

WASTES FROM INORGANIC CHEMICAL PROCESSES

wastes from the manufacture, formulation, supply and use (MFSU) of acids

sulphuric acid and sulphurous acid

hydrochloric acid

hydrofluoric acid

phosphoric and phosphorous acid

nitric acid and nitrous acid

other acids

wastes not otherwise specified

wastes from the MFSU of bases

calcium hydroxide

ammonium hydroxide

sodium and potassium hydroxide

other bases

wastes not otherwise specified

wastes from the MFSU of salts and their solutions and metallic oxides

solid salts and solutions containing cyanides

solid salts and solutions containing heavy metals

solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

metallic oxides containing heavy metals

metallic oxides other than those mentioned in 06 03 15

wastes not otherwise specified

metal-containing wastes other than those mentioned in 06 03

wastes containing arsenic

wastes containing mercury

wastes containing other heavy metals

wastes not otherwise specified

Sludges from on-site effluent treatment

sludges from on-site effluent treatment containing dangerous substances

sludges from on-site effluent treatment other than those mentioned in 06 05 02

wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes

wastes containing dangerous sulphides

wastes containing sulphides other than those mentioned in 06 06 02

wastes not otherwise specified

wastes from the MFSU of halogens and halogen chemical processes

wastes containing asbestos from electrolysis

activated carbon from chlorine production

barium sulphate sludge containing mercury

solutions and acids, for example contact acid

wastes not otherwise specified

wastes from the MFSU of silicon and silicon derivatives

wastes containing chlorosilanes

wastes not otherwise specified

wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes

phosphorous slag

calcium-based reaction wastes containing or contaminated with dangerous substances

calcium-based reaction wastes other than those mentioned in 06 09 03

wastes not otherwise specified

wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture

wastes containing dangerous substances

wastes not otherwise specified

wastes from the manufacture of inorganic pigments and opacifiers

calcium-based reaction wastes from titanium dioxide production

wastes not otherwise specified

wastes from inorganic chemical processes not otherwise specified

inorganic plant protection products, wood-preserving agents and other biocides.

spent activated carbon (except 06 07 02)

carbon black

wastes from asbestos processing

soot

wastes not otherwise specified

WASTES FROM ORGANIC CHEMICAL PROCESSES

wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

aqueous washing liquids and mother liquors

organic halogenated solvents, washing liquids and mother liquors

other organic solvents, washing liquids and mother liquors

halogenated still bottoms and reaction residues

other still bottoms and reaction residues

halogenated filter cakes and spent absorbents

other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances

sludges from on-site effluent treatment other than those mentioned in 07 01 11

wastes not otherwise specified

wastes from the MFSU of plastics, synthetic rubber and man-made fibres

aqueous washing liquids and mother liquors

organic halogenated solvents, washing liquids and mother liquors

other organic solvents, washing liquids and mother liquors

halogenated still bottoms and reaction residues

other still bottoms and reaction residues

halogenated filter cakes and spent absorbents

other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 02 11
waste plastic
wastes from additives containing dangerous substances
wastes from additives other than those mentioned in 07 02 14
wastes containing silicones
wastes not otherwise specified

wastes from the MFSU of organic dyes and pigments (except 06 11)

aqueous washing liquids and mother liquors
organic halogenated solvents, washing liquids and mother liquors
other organic solvents, washing liquids and mother liquors
halogenated still bottoms and reaction residues
other still bottoms and reaction residues
halogenated filter cakes and spent absorbents
other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 03 11
wastes not otherwise specified

wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides

aqueous washing liquids and mother liquors
organic halogenated solvents, washing liquids and mother liquors
other organic solvents, washing liquids and mother liquors
halogenated still bottoms and reaction residues
other still bottoms and reaction residues
halogenated filter cakes and spent absorbents
other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 04 11
solid wastes containing dangerous substances
wastes not otherwise specified

wastes from the MFSU of pharmaceuticals

aqueous washing liquids and mother liquors
organic halogenated solvents, washing liquids and mother liquors
other organic solvents, washing liquids and mother liquors
halogenated still bottoms and reaction residues
other still bottoms and reaction residues
halogenated filter cakes and spent absorbents
other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 05 11
solid wastes containing dangerous substances
solid wastes other than those mentioned in 07 05 13
wastes not otherwise specified

wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

aqueous washing liquids and mother liquors
organic halogenated solvents, washing liquids and mother liquors
other organic solvents, washing liquids and mother liquors
halogenated still bottoms and reaction residues
other still bottoms and reaction residues
halogenated filter cakes and spent absorbents
other filter cakes and spent absorbents

sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 06 11
wastes not otherwise specified

wastes from the MFSU of fine chemicals and chemical products not otherwise specified

aqueous washing liquids and mother liquors
organic halogenated solvents, washing liquids and mother liquors
other organic solvents, washing liquids and mother liquors

halogenated still bottoms and reaction residues
other still bottoms and reaction residues
halogenated filter cakes and spent absorbents
other filter cakes and spent absorbents
sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 07 07 11
wastes not otherwise specified

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

wastes from MFSU and removal of paint and varnish

waste paint and varnish containing organic solvents or other dangerous substances
waste paint and varnish other than those mentioned in 08 01 11
sludges from paint or varnish containing organic solvents or other dangerous substances
sludges from paint or varnish other than those mentioned in 08 01 13
aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
wastes from paint or varnish removal containing organic solvents or other dangerous substances
wastes from paint or varnish removal other than those mentioned in 08 01 17
aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
waste paint or varnish remover
wastes not otherwise specified

wastes from MFSU of other coatings (including ceramic materials)

waste coating powders
aqueous sludges containing ceramic materials
aqueous suspensions containing ceramic materials
wastes not otherwise specified

wastes from MFSU of printing inks

aqueous sludges containing ink
aqueous liquid waste containing ink
waste ink containing dangerous substances
waste ink other than those mentioned in 08 03 12
ink sludges containing dangerous substances
ink sludges other than those mentioned in 08 03 14
waste etching solutions
waste printing toner containing dangerous substances
waste printing toner other than those mentioned in 08 03 17
disperse oil
wastes not otherwise specified

wastes from MFSU of adhesives and sealants (including waterproofing products)

waste adhesives and sealants containing organic solvents or other dangerous substances
waste adhesives and sealants other than those mentioned in 08 04 09
adhesive and sealant sludges containing organic solvents or other dangerous substances
adhesive and sealant sludges other than those mentioned in 08 04 11
aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
rosin oil
wastes not otherwise specified
wastes not otherwise specified in 08
waste isocyanates

WASTES FROM THE PHOTOGRAPHIC INDUSTRY

wastes from the photographic industry

water-based developer and activator solutions
water-based offset plate developer solutions

solvent-based developer solutions
fixer solutions
bleach solutions and bleach fixer solutions
wastes containing silver from on-site treatment of photographic wastes
photographic film and paper containing silver or silver compounds
photographic film and paper free of silver or silver compounds
single-use cameras without batteries
single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
single-use cameras containing batteries other than those mentioned in 09 01 11
aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
wastes not otherwise specified

WASTES FROM THERMAL PROCESSES

wastes from power stations and other combustion plants (except 19)

bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
coal fly ash
fly ash from peat and untreated wood
oil fly ash and boiler dust
Calcium-based reaction wastes from flue-gas desulphurisation in solid form
calcium-based reaction wastes from flue-gas desulphurisation in sludge form
sulphuric acid
fly ash from emulsified hydrocarbons used as fuel
bottom ash, slag and boiler dust from co-incineration containing dangerous substances
Bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
fly ash from co-incineration containing dangerous substances
fly ash from co-incineration other than those mentioned in 10 01 16
wastes from gas cleaning containing dangerous substances
wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 10 01 20
aqueous sludges from boiler cleansing containing dangerous substances
aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
sands from fluidised beds
wastes from fuel storage and preparation of coal-fired power plants
wastes from cooling-water treatment
wastes not otherwise specified
wastes from the iron and steel industry
wastes from the processing of slag
unprocessed slag
solid wastes from gas treatment containing dangerous substances
solid wastes from gas treatment other than those mentioned in 10 02 07
mill scales
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 02 11
sludges and filter cakes from gas treatment containing dangerous substances
sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
other sludges and filter cakes
wastes not otherwise specified
wastes from aluminium thermal metallurgy
anode scraps
primary production slags
waste alumina
salt slags from secondary production
black drosses from secondary production
skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
skimmings other than those mentioned in 10 03 15
tar-containing wastes from anode manufacture
carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
flue-gas dust containing dangerous substances

flue-gas dust other than those mentioned in 10 03 19
other particulates and dust (including ball-mill dust) containing dangerous substances
other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
solid wastes from gas treatment containing dangerous substances
solid wastes from gas treatment other than those mentioned in 10 03 23
sludges and filter cakes from gas treatment containing dangerous substances
sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 03 27
wastes from treatment of salt slags and black drosses containing dangerous substances
wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
wastes not otherwise specified

wastes from lead thermal metallurgy

slags from primary and secondary production
dross and skimmings from primary and secondary production
calcium arsenate
flue-gas dust
other particulates and dust
solid wastes from gas treatment
sludges and filter cakes from gas treatment
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 04 09
wastes not otherwise specified

wastes from zinc thermal metallurgy

slags from primary and secondary production
flue-gas dust
other particulates and dust
solid waste from gas treatment
sludges and filter cakes from gas treatment
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 05 08
dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
dross and skimmings other than those mentioned in 10 05 10
wastes not otherwise specified

wastes from copper thermal metallurgy

slags from primary and secondary production
dross and skimmings from primary and secondary production
flue-gas dust
other particulates and dust
solid wastes from gas treatment
sludges and filter cakes from gas treatment
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 06 09
wastes not otherwise specified

wastes from silver, gold and platinum thermal metallurgy

slags from primary and secondary production
dross and skimmings from primary and secondary production
solid wastes from gas treatment
other particulates and dust
sludges and filter cakes from gas treatment
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 07 07
wastes not otherwise specified

wastes from other non-ferrous thermal metallurgy

particulates and dust
salt slag from primary and secondary production
other slags
dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
dross and skimmings other than those mentioned in 10 08 10

tar-containing wastes from anode manufacture
carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
anode scrap
flue-gas dust containing dangerous substances
flue-gas dust other than those mentioned in 10 08 15
sludges and filter cakes from flue-gas treatment containing dangerous substances
sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
wastes from cooling-water treatment containing oil
wastes from cooling-water treatment other than those mentioned in 10 08 19
wastes not otherwise specified

wastes from casting of ferrous pieces

furnace slag
casting cores and moulds which have not undergone pouring containing dangerous substances
casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
casting cores and moulds which have undergone pouring containing dangerous substances
casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
flue-gas dust containing dangerous substances
flue-gas dust other than those mentioned in 10 09 09
other particulates containing dangerous substances
other particulates other than those mentioned in 10 09 11
waste binders containing dangerous substances
waste binders other than those mentioned in 10 09 13
waste crack-indicating agent containing dangerous substances
waste crack-indicating agent other than those mentioned in 10 09 15
wastes not otherwise specified

wastes from casting of non-ferrous pieces

furnace slag
casting cores and moulds which have not undergone pouring, containing dangerous substances
casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05
casting cores and moulds which have undergone pouring, containing dangerous substances
casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07
flue-gas dust containing dangerous substances
flue-gas dust other than those mentioned in 10 10 09
other particulates containing dangerous substances
other particulates other than those mentioned in 10 10 11
waste binders containing dangerous substances
waste binders other than those mentioned in 10 10 13
waste crack-indicating agent containing dangerous substances
waste crack-indicating agent other than those mentioned in 10 10 15
wastes not otherwise specified

wastes from manufacture of glass and glass products

waste glass-based fibrous materials
particulates and dust
waste preparation mixture before thermal processing, containing dangerous substances
waste preparation mixture before thermal processing, other than those mentioned in 10 11 09
waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
waste glass other than those mentioned in 10 11 11
glass-polishing and -grinding sludge containing dangerous substances
glass-polishing and -grinding sludge other than those mentioned in 10 11 13
solid wastes from flue-gas treatment containing dangerous substances
solid wastes from flue-gas treatment other than those mentioned in 10 11 15
sludges and filter cakes from flue-gas treatment containing dangerous substances
sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
solid wastes from on-site effluent treatment containing dangerous substances
solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
wastes not otherwise specified

wastes from manufacture of ceramic goods, bricks, tiles and construction products

waste preparation mixture before thermal processing
particulates and dust
sludges and filter cakes from gas treatment
discarded moulds

waste ceramics, bricks, tiles and construction products (after thermal processing)
solid wastes from gas treatment containing dangerous substances
solid wastes from gas treatment other than those mentioned in 10 12 09
wastes from glazing containing heavy metals
wastes from glazing other than those mentioned in 10 12 11
sludge from on-site effluent treatment
wastes not otherwise specified
wastes from manufacture of cement, lime and plaster and articles and products made from them
waste preparation mixture before thermal processing
wastes from calcination and hydration of lime
particulates and dust (except 10 13 12 and 10 13 13)
sludges and filter cakes from gas treatment
wastes from asbestos-cement manufacture containing asbestos
wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
solid wastes from gas treatment containing dangerous substances
solid wastes from gas treatment other than those mentioned in 10 13 12
waste concrete and concrete sludge
wastes not otherwise specified
waste from crematoria
waste from gas cleaning containing mercury

WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY

wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)

pickling acids
acids not otherwise specified
pickling bases
phosphatising sludges
sludges and filter cakes containing dangerous substances
sludges and filter cakes other than those mentioned in 11 01 09
aqueous rinsing liquids containing dangerous substances
aqueous rinsing liquids other than those mentioned in 11 01 11
degreasing wastes containing dangerous substances
degreasing wastes other than those mentioned in 11 01 13
eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
saturated or spent ion exchange resins
other wastes containing dangerous substances
wastes not otherwise specified

wastes from non-ferrous hydrometallurgical processes

sludges from zinc hydrometallurgy (including jarosite, goethite)
wastes from the production of anodes for aqueous electrolytical processes
wastes from copper hydrometallurgical processes containing dangerous substances
wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
other wastes containing dangerous substances
wastes not otherwise specified

sludges and solids from tempering processes

wastes containing cyanide
other wastes

wastes from hot galvanising processes

hard zinc
zinc ash
solid wastes from gas treatment
spent flux
wastes not otherwise specified

WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

wastes from shaping and physical and mechanical surface treatment of metals and plastics

ferrous metal filings and turnings
ferrous metal dust and particles
non-ferrous metal filings and turnings
non-ferrous metal dust and particles
plastics shavings and turnings
mineral-based machining oils containing halogens (except emulsions and solutions)
mineral-based machining oils free of halogens (except emulsions and solutions)
machining emulsions and solutions containing halogens
machining emulsions and solutions free of halogens
synthetic machining oils
spent waxes and fats
welding wastes
machining sludges containing dangerous substances
machining sludges other than those mentioned in 12 01 14
waste blasting material containing dangerous substances
waste blasting material other than those mentioned in 12 01 16
metal sludge (grinding, honing and lapping sludge) containing oil
readily biodegradable machining oil
spent grinding bodies and grinding materials containing dangerous substances
spent grinding bodies and grinding materials other than those mentioned in 12 01 20
wastes not otherwise specified
wastes from water and steam degreasing processes (except 11)
aqueous washing liquids
steam degreasing wastes

OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)

waste hydraulic oils

hydraulic oils, containing PCBs (1)
chlorinated emulsions
non-chlorinated emulsions
mineral-based chlorinated hydraulic oils
mineral based non-chlorinated hydraulic oils
synthetic hydraulic oils
readily biodegradable hydraulic oils
other hydraulic oils

waste engine, gear and lubricating oils

mineral-based chlorinated engine, gear and lubricating oils
mineral-based non-chlorinated engine, gear and lubricating oils
synthetic engine, gear and lubricating oils
readily biodegradable engine, gear and lubricating oils
other engine, gear and lubricating oils

waste insulating and heat transmission oils

insulating or heat transmission oils containing PCBs
mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
mineral-based non-chlorinated insulating and heat transmission oils
synthetic insulating and heat transmission oils
readily biodegradable insulating and heat transmission oils
other insulating and heat transmission oils

bilge oils

bilge oils from inland navigation
bilge oils from jetty sewers
bilge oils from other navigation

oil/water separator contents

solids from grit chambers and oil/water separators
sludges from oil/water separators
interceptor sludges
oil from oil/water separators
oily water from oil/water separators

mixtures of wastes from grit chambers and oil/water separators

wastes of liquid fuels

fuel oil and diesel

petrol

other fuels (including mixtures)

oil wastes not otherwise specified

desalter sludges or emulsions

other emulsions

wastes not otherwise specified

WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)

waste organic solvents, refrigerants and foam/aerosol propellants

chlorofluorocarbons, HCFC, HFC

other halogenated solvents and solvent mixtures

other solvents and solvent mixtures

sludges or solid wastes containing halogenated solvents

sludges or solid wastes containing other solvents

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED

packaging (including separately collected municipal packaging waste)

paper and cardboard packaging

plastic packaging

wooden packaging

metallic packaging

composite packaging

mixed packaging

glass packaging

textile packaging

packaging containing residues of or contaminated by dangerous substances

metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

absorbents, filter materials, wiping cloths and protective clothing

absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

WASTES NOT OTHERWISE SPECIFIED IN THE LIST

end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)

end-of-life tyres

discarded vehicles; NB: This entry is not part of the proposal submitted for opinion to the Committee. The necessary changes to this entry will be made on the basis of the outcome of the procedure in Council on the proposal included in document COM(2000) 546

end-of-life vehicles, containing neither liquids nor other hazardous components

oil filters

components containing mercury

components containing PCBs

explosive components (for example air bags)

brake pads containing asbestos

brake pads other than those mentioned in 16 01 11

brake fluids

antifreeze fluids containing dangerous substances

antifreeze fluids other than those mentioned in 16 01 14

tanks for liquefied gas

ferrous metal

non-ferrous metal

plastic

glass

hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14

components not otherwise specified

wastes not otherwise specified

wastes from electrical and electronic equipment

transformers and capacitors containing PCBs

discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09

discarded equipment containing chlorofluorocarbons, HCFC, HFC

discarded equipment containing free asbestos

discarded equipment containing hazardous components (2) other than those mentioned in 16 02 09 to 16 02 12

discarded equipment other than those mentioned in 16 02 09 to 16 02 13

hazardous components removed from discarded equipment

components removed from discarded equipment other than those mentioned in 16 02 15

off-specification batches and unused products

inorganic wastes containing dangerous substances

inorganic wastes other than those mentioned in 16 03 03

organic wastes containing dangerous substances

organic wastes other than those mentioned in 16 03 05

waste explosives

waste ammunition

fireworks wastes

other waste explosives

gases in pressure containers and discarded chemicals

gases in pressure containers (including halons) containing dangerous substances

gases in pressure containers other than those mentioned in 16 05 04

laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

discarded inorganic chemicals consisting of or containing dangerous substances

discarded organic chemicals consisting of or containing dangerous substances

discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

batteries and accumulators

lead batteries

Ni-Cd batteries

mercury-containing batteries

alkaline batteries (except 16 06 03)

other batteries and accumulators

separately collected electrolyte from batteries and accumulators

wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

wastes containing oil

wastes containing other dangerous substances

wastes not otherwise specified

spent catalysts

spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)

spent catalysts containing dangerous transition metals (3) or dangerous transition metal compounds

spent catalysts containing transition metals or transition metal compounds not otherwise specified

spent fluid catalytic cracking catalysts (except 16 08 07)

spent catalysts containing phosphoric acid

spent liquids used as catalysts

spent catalysts contaminated with dangerous substances

oxidising substances

permanganates, for example potassium permanganate

chromates, for example potassium chromate, potassium or sodium dichromate

peroxides, for example hydrogen peroxide

oxidising substances, not otherwise specified

aqueous liquid wastes destined for off-site treatment

aqueous liquid wastes containing dangerous substances

aqueous liquid wastes other than those mentioned in 16 10 01

aqueous concentrates containing dangerous substances

aqueous concentrates other than those mentioned in 16 10 03

waste linings and refractories

carbon-based linings and refractories from metallurgical processes containing dangerous substances

carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01,

other linings and refractories from metallurgical processes containing dangerous substances

other linings and refractories from metallurgical processes other than those mentioned in 16 11 03

linings and refractories from non-metallurgical processes containing dangerous substances

linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

concrete, bricks, tiles and ceramics

concrete

bricks

tiles and ceramics

mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances

mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

wood, glass and plastic

wood

glass

plastic

glass, plastic and wood containing or contaminated with dangerous substances

bituminous mixtures, coal tar and tarred products

bituminous mixtures containing coal tar

bituminous mixtures other than those mentioned in 17 03 01

coal tar and tarred products

metals (including their alloys)

copper, bronze, brass

aluminium

lead

zinc

iron and steel

tin

mixed metals

metal waste contaminated with dangerous substances

cables containing oil, coal tar and other dangerous substances

cables other than those mentioned in 17 04 10

soil (including excavated soil from contaminated sites), stones and dredging spoil

soil and stones containing dangerous substances

soil and stones other than those mentioned in 17 05 03

dredging spoil containing dangerous substances

dredging spoil other than those mentioned in 17 05 05

track ballast containing dangerous substances

track ballast other than those mentioned in 17 05 07

insulation materials and asbestos-containing construction materials

insulation materials containing asbestos

other insulation materials consisting of or containing dangerous substances

insulation materials other than those mentioned in 17 06 01 and 17 06 03

construction materials containing asbestos

gypsum-based construction material

gypsum-based construction materials contaminated with dangerous substances

gypsum-based construction materials other than those mentioned in 17 08 01

other construction and demolition wastes

construction and demolition wastes containing mercury

construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)

other construction and demolition wastes (including mixed wastes) containing dangerous substances

mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

wastes from natal care, diagnosis, treatment or prevention of disease in humans

sharps (except 18 01 03)

body parts and organs including blood bags and blood preserves (except 18 01 03)

wastes whose collection and disposal is subject to special requirements in order to prevent infection

wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)

chemicals consisting of or containing dangerous substances
chemicals other than those mentioned in 18 01 06
cytotoxic and cytostatic medicines
medicines other than those mentioned in 18 01 08
amalgam waste from dental care
wastes from research, diagnosis, treatment or prevention of disease involving animals
sharps (except 18 02 02)
wastes whose collection and disposal is subject to special requirements in order to prevent infection
wastes whose collection and disposal is not subject to special requirements in order to prevent infection
chemicals consisting of or containing dangerous substances
chemicals other than those mentioned in 18 02 05
cytotoxic and cytostatic medicines
medicines other than those mentioned in 18 02 07

WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE

wastes from incineration or pyrolysis of waste
ferrous materials removed from bottom ash
filter cake from gas treatment
aqueous liquid wastes from gas treatment and other aqueous liquid wastes
solid wastes from gas treatment
spent activated carbon from flue-gas treatment
bottom ash and slag containing dangerous substances
bottom ash and slag other than those mentioned in 19 01 11
fly ash containing dangerous substances
fly ash other than those mentioned in 19 01 13
boiler dust containing dangerous substances
boiler dust other than those mentioned in 19 01 15
pyrolysis wastes containing dangerous substances
pyrolysis wastes other than those mentioned in 19 01 17
sands from fluidised beds
wastes not otherwise specified
wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
premixed wastes composed only of non-hazardous wastes
premixed wastes composed of at least one hazardous waste
sludges from physico/chemical treatment containing dangerous substances
sludges from physico/chemical treatment other than those mentioned in 19 02 05
oil and concentrates from separation
liquid combustible wastes containing dangerous substances
solid combustible wastes containing dangerous substances
combustible wastes other than those mentioned in 19 02 08 and 19 02 09
other wastes containing dangerous substances
wastes not otherwise specified
stabilised/solidified wastes (4)
wastes marked as hazardous, partly (5) stabilised
stabilised wastes other than those mentioned in 19 03 04
wastes marked as hazardous, solidified
solidified wastes other than those mentioned in 19 03 06
vitrified waste and wastes from vitrification
vitrified waste
fly ash and other flue-gas treatment wastes
non-vitrified solid phase
aqueous liquid wastes from vitrified waste tempering
wastes from aerobic treatment of solid wastes
non-composted fraction of municipal and similar wastes
non-composted fraction of animal and vegetable waste
off-specification compost
wastes not otherwise specified

wastes from anaerobic treatment of waste

liquor from anaerobic treatment of municipal waste
digestate from anaerobic treatment of municipal waste
liquor from anaerobic treatment of animal and vegetable waste
digestate from anaerobic treatment of animal and vegetable waste
wastes not otherwise specified

landfill leachate

landfill leachate containing dangerous substances
landfill leachate other than those mentioned in 19 07 02

wastes from waste water treatment plants not otherwise specified

screenings
waste from desanding
sludges from treatment of urban waste water
saturated or spent ion exchange resins
solutions and sludges from regeneration of ion exchangers
membrane system waste containing heavy metals
grease and oil mixture from oil/water separation containing edible oil and fats
grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
sludges containing dangerous substances from biological treatment of industrial waste water
sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
sludges containing dangerous substances from other treatment of industrial waste water
sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
wastes not otherwise specified

wastes from the preparation of water intended for human consumption or water for industrial use

solid waste from primary filtration and screenings
sludges from water clarification
sludges from decarbonation
spent activated carbon
saturated or spent ion exchange resins
solutions and sludges from regeneration of ion exchangers
wastes not otherwise specified

wastes from shredding of metal-containing wastes

iron and steel waste
non-ferrous waste
fluff-light fraction and dust containing dangerous substances
fluff-light fraction and dust other than those mentioned in 19 10 03
other fractions containing dangerous substances
other fractions other than those mentioned in 19 10 05

wastes from oil regeneration

spent filter clays
acid tars
aqueous liquid wastes
wastes from cleaning of fuel with bases
sludges from on-site effluent treatment containing dangerous substances
sludges from on-site effluent treatment other than those mentioned in 19 11 05
wastes from flue-gas cleaning
wastes not otherwise specified

wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

paper and cardboard
ferrous metal
non-ferrous metal
plastic and rubber
glass
wood containing dangerous substances
wood other than that mentioned in 19 12 06
textiles
minerals (for example sand, stones)
combustible waste (refuse derived fuel)

other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
wastes from soil and groundwater remediation
solid wastes from soil remediation containing dangerous substances
solid wastes from soil remediation other than those mentioned in 19 13 01
sludges from soil remediation containing dangerous substances
sludges from soil remediation other than those mentioned in 19 13 03
sludges from groundwater remediation containing dangerous substances
sludges from groundwater remediation other than those mentioned in 19 13 05
aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

**MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES)
INCLUDING SEPARATELY COLLECTED FRACTIONS**

separately collected fractions (except 15 01)

paper and cardboard
glass
biodegradable kitchen and canteen waste
clothes
textiles
solvents
acids
alkalines
photochemicals
pesticides
fluorescent tubes and other mercury-containing waste
discarded equipment containing chlorofluorocarbons
edible oil and fat
oil and fat other than those mentioned in 20 01 25
paint, inks, adhesives and resins containing dangerous substances
paint, inks, adhesives and resins other than those mentioned in 20 01 27
detergents containing dangerous substances
detergents other than those mentioned in 20 01 29
cytotoxic and cytostatic medicines
medicines other than those mentioned in 20 01 31
batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
batteries and accumulators other than those mentioned in 20 01 33
discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (6)
discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
wood containing dangerous substances
wood other than that mentioned in 20 01 37
plastics
metals
wastes from chimney sweeping
other fractions not otherwise specified
garden and park wastes (including cemetery waste)
biodegradable waste
soil and stones
other non-biodegradable wastes
other municipal wastes
mixed municipal waste
waste from markets
street-cleaning residues
septic tank sludge
waste from sewage cleaning
bulky waste
municipal wastes not otherwise specified