

SELECT

cells that are highlighted blue contain a dropdown menu click to select one option from the list

[guidance document link](#)

cells that contain underlined text click to access relevant guidance documents for this section

Table heading \*

table headings followed by a symbol have an associated footnote or instructions

Cells with red indicator in top right corner

cells that have a red indicator in the top right corner contain a comment box with further instructions or clarification

Please note an interpretation of results is still required. This should be entered in the additional information/comments boxes within the templates. Please size these boxes appropriately to fit your interpretation, if additional space is required please include an appendix to the AER template and merge it as part of the AER PDF document. The excel template should have all cells sized appropriately so that all text is readable before it is converted to PDF document.

Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0041-01
Name of site	Enva Ireland Ltd
Site Location	Smithstown Industrial Estate, Shannon, Co. Clare
NACE Code	E38
Class/Classes of Activity	<p>Class 6: Biological treatment not referred to elsewhere in this Schedule which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this schedule.</p> <p>Class 7: Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1 to 10 of this Schedule.</p> <p>Class 11: Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.</p> <p>Class 12: Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.</p> <p>Class 13: Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.</p> <p>Licensed waste recovery activities, in accordance with the Fourth Schedule of the Waste Management Act, 1996</p> <p>Class 2: Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).</p> <p>Class 3: Recycling or reclamation of metals and metal compounds.</p> <p>Class 4: Recycling or reclamation of other inorganic materials.</p> <p>Class 8: Oil re-refining or other re-uses of oil.</p>
National Grid Reference (6E, 6 N)	140778.83E, 163241.64N
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year <b>and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.</b>	<p>In 2013 construction was completed of a deluge sprinkler system for rear yard storage bunds, this entailed installation of additional compartmentalisation and fire wall protection between 7 waste storage bunds. Yard integrity improvement works have continued throughout the year with more scheduled for 2014. All licence required testing continues to be carried out by accredited laboratories. Stock levels on site continue to be analysed and monitored closely. There were two incidents in 2013, the first in May was a minor fire believed to be due to an electrical fault on a forklift. Emergency services responded quickly to the alarm and little damage was caused as a result, there was no environmental impact incurred. Second incident was an exceedance in the sites ELV for flow of effluent discharged to sewer, this exceedance was due to an unexpected high volume of rainfall during the period. Despite the increased flow all mass emissions remained in compliance. There were two odour complaints received during the year, the first in April was due to a sweet odour from site shredders, odour abatement solutions were assessed and not deemed cost effective, the waste stream has been discontinued as a result. The second complaint was in May when an offensive odour was reported, investigations that followed found desludging activities on site may have given rise to a very localised odour in the vicinity, however a more prominent odour was later traced back to the local waste treatment facility</p>

**Declaration:**

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

_____ Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	_____ Date
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1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections

2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

Yes	Additional information Some of the water released is directly monitoring of stormwater discharges. As the majority of stormwater is collected in underground storage tanks and treated on site, stormwater has not been tested historically. There is only small percentage of stormwater released from the site this originates from rainwater run-off from the car-park area and from guttering on some buildings on site.
No	

**Table W1 Storm water monitoring**

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

\*trigger values may be agreed by the Agency outside of licence conditions

**Table W2 Visual inspections-Please only enter details where contamination was observed.**

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

**Licensed Emissions to water and /or wastewater(sewer)-periodic monitoring (non-continuous)**

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below

4 Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box

Yes	Additional information
Yes	

**Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)**

Emission reference no:	Emission released to	Parameter/ Substance>Note 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number
W1	Wastewater/Sewer	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT	
	Wastewater/Sewer	volumetric flow	composite	Daily		250m3	No flow value shall exceed the specific limit.		m3/day	yes	Flow meter		
	Wastewater/Sewer	COD	composite	Daily		3000mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Spectrophotometry (Colorimetry)		
	Wastewater/Sewer	BOD	composite	Monthly		2000mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Titration		
	Wastewater/Sewer	Suspended Solids	composite	3/Week		400mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Gravimetric analysis		
	Wastewater/Sewer	Sulphate	composite	Monthly		1500mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Spectrophotometry (Colorimetry)		
	Wastewater/Sewer	Sulphides	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Spectrophotometry (Colorimetry)		
	Wastewater/Sewer	Detergents (as MBAS)	composite	Monthly		80mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Spectrophotometry (Colorimetry)		
	Wastewater/Sewer	Phenols (as total C)	composite	Monthly		3mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	HPLC		
	Wastewater/Sewer	Phosphorous	composite	3/Week		50mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV		mg/L	yes	Spectrophotometry (Colorimetry)		

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No:	W0041-01	Year	2013				
Wastewater/Sewer	Ammonia (as N)	composite	3/Week		250mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Nitrate (as N)	composite	Monthly		100mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Silver	composite	Monthly		2mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Aluminium	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)		
Wastewater/Sewer	Cobalt	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Cadmium and compounds (as Cd)	composite	Monthly		0.5mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Chromium and compounds (as Cr)	composite	Monthly		1mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Copper and compounds (as Cu)	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Iron	composite	Monthly		20mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Mercury and compounds (as Hg)	composite	Monthly		.05mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AFS		
Wastewater/Sewer	Nickel and compounds (as Ni)	composite	Monthly		20mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Lead and compounds (as Pb)	composite	Monthly		.5mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Tin	composite	Monthly		2mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)		
Wastewater/Sewer	Zinc and compounds (as Zn)	composite	Monthly		20mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	AAS (Atomic Absorption Spectroscopy)		
Wastewater/Sewer	Arsenic and compounds (as As)	composite	Monthly		1mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)		
Wastewater/Sewer	Cyanides (as total CN)	composite	Monthly		0.5mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Chlorides (as Cl)	composite	Monthly		3000mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Fluorides (as total F)	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Halogenated organic compounds (as AOX)	composite	Weekly		50mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		
Wastewater/Sewer	Fats, Oils and Greases	composite	Monthly		.15mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	IR		
Wastewater/Sewer	Chromium III	composite	Monthly		10mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer	Chromium VI	composite	Monthly		0.5mg/l	All results < 1.2 times ELV, plus 8 from ten results must be < ELV	mg/L	yes	Spectrophotometry (Colorimetry)		
Wastewater/Sewer											
Wastewater/Sewer											
Wastewater/Sewer											

Note 1: Volumetric flow shall be included as a reportable parameter

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

**Continuous monitoring**  
 5 Does your site carry out continuous emissions to water/sewer monitoring?  Additional Information

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

**Table W4: Summary of average emissions -continuous monitoring**

Emission reference no:	Emission released to	Parameter/ Substance	ELV or trigger values in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission for current reporting year (kg)	% change +/- from previous reporting year	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments
	Wastewater/Sewer	pH	6 - 9	SELECT	No pH value shall deviate from the .specified range	pH units	2710.37		0		
	Wastewater/Sewer	volumetric flow	250m3		No flow value shall exceed the .specific limit	m3/day	68,612		0	1	
	Wastewater/Sewer	Temperature	43 Celcius	C	No temperature value shall exceed the limit value.	degrees C	1923.1		0		

note 1: Volumetric flow shall be included as a reportable parameter.

**Table W5: Abatement system bypass reporting table**

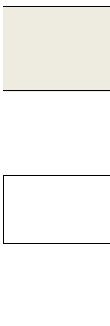
Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency



Annual mass load (kg)	Comments
68612	
53556.42	
165.94.32	
3707.6164	
14349.1	
449.1	
34.52	
3.88	
125.38	

4740.93	
70.9	
6.21	
1.68	
2.1	
0.31	
0.99	
5.01	
34.06	
0.99	
7.77	
7.91	
6.29	
30.86	
0.23	
3.43	
21820.43	
73.21	
2.6	
193.66	
0.99	
0.69	





**AIR-summary template**

Lic No:

W0041-01

Year

2013

Answer all questions and complete all tables where relevant

Additional information

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Yes	
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**Periodic/Non-Continuous Monitoring**

- 2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below
- 3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

No	
Yes	

**Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)**

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
	Total Organic Carbon (as C)	Monthly		100 % of values < ELV		mgC/Nm3	yes	EN 13649:2001	41.6	
	Sulphur oxides (SOx/SO2)	Monthly	300mg/m3	100 % of values < ELV		mg/Nm3	yes	Flue Gas Analyser Te	0	
	Hydrogen Chloride	Monthly	10mg/m3	100 % of values < ELV		mg/Nm3	yes	I.S. EN1911:2010	2.8	
	Ammonia (NH3)	Monthly		100 % of values < ELV		mg/Nm3	yes	Impinger Train	2.7	
	volumetric flow	Monthly	4000	100 % of values < ELV		Nm3/hour	yes	EN 13284 - 1:2002	22,789	
	Nitrous oxide (N2O)	Monthly	300mg/m3	100 % of values < ELV		mg/Nm3	yes	Flue Gas Analyser Te	0	

Note 1: Volumetric flow shall be included as a reportable parameter

<b>AIR-summary template</b>	Lic No:	W0041-01	Year	2013
<b>Continuous Monitoring</b>				

4	Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)	No	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

**Table A2: Summary of average emissions -continuous monitoring**

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
	SELECT			SELECT	SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					

note 1: Volumetric flow shall be included as a reportable parameter.

**Table A3: Abatement system bypass reporting table** [Bypass protocol](#)

Date*	Duration** (hours)	Location	Reason for bypass	Impact magnitude	Corrective action

\* this should include all dates that an abatement system bypass occurred

\*\* an accurate record of time bypass beginning and end should be logged on site and maintained for future Agency inspections please refer to bypass protocol link



**Bund testing** dropdown menu click to see options

Additional information

- Are you required by your licence to undertake integrity testing on bunds and containment structures? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed the integrity test-all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)
- 1 Please provide integrity testing frequency period
  - 2 Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
  - 3 How many bunds are on site?
  - 4 How many of these bunds have been tested within the required test schedule?
  - 5 How many mobile bunds are on site?
  - 6 Are the mobile bunds included in the bund test schedule?
  - 7 How many of these mobile bunds have been tested within the required test schedule?
  - 8 How many sumps on site are included in the integrity test schedule?
  - 9 How many of these sumps are integrity tested within the test schedule?
- Please list any sump integrity failures in table B1**
- 11 Do all sumps and chambers have high level liquid alarms?
  - 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
  - 13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
Yes	
30	
0	Non due in 2013
27	
Yes	
0	
6	
0	
No	
SELECT	
Yes	

**Table B1: Summary details of bund /containment structure integrity test**

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		
SELECT	SELECT					SELECT			SELECT	SELECT		SELECT		

- \* Capacity required should comply with 25% or 110% containment rule as detailed in your licence
- Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? [bunding and storage guidelines](#)
- 15 Are channels/transfer systems to remote containment systems tested?
  - 16 Are channels/transfer systems compliant in both integrity and available volume?

Commentary

Yes	
Yes	
Yes	

**Pipeline/underground structure testing**

- Are you required by your licence to undertake integrity testing\* on underground structures e.g. pipelines or sumps etc? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**
- 1 Please provide integrity testing frequency period
- \*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
Other (please specify)	5 Years

**Table B2: Summary details of pipeline/underground structures integrity test**

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

Please use commentary for additional details not answered by tables/ questions above

<b>Groundwater/Soil monitoring template</b>	Lic No: W0041-01	Year: 2013
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Question	Answer	Comments	Interpretation
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	In 2002 the licensee agreed a five year programme of	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		
3 Do you extract groundwater for use on site? If yes please specify use in comment section	yes	The first round of the programme	
4 Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	no		
5 Is the contamination related to operations at the facility (either current and/or historic)	no		
6 Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	yes		
7 Please specify the proposed time frame for the remediation strategy	N/A		
8 Is there a licence condition to carry out/update ELRA for the site?	yes		
9 Has any type of risk assesment been carried out for the site?	no	Currently in review	
10 Has a Conceptual Site Model been developed for the site?	no		
11 Have potential receptors been identified on and off site?	yes	Industrial Wells only	
12 Is there evidence that contamination is migrating offsite?	no		

**Table 1: Upgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
17/12/2013	MW3	VOC's		Quarterly	613	<300	ug/l			no
							SELECT			no

.+ where average indicates arithmetic mean

++.+ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

**Table 2: Downgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
17/12/2013	MW4S	VOC's		Quarterly	6.683	~5,000	ug/l			SELECT
							SELECT			SELECT

<b>Groundwater/Soil monitoring template</b>	Lic No: W0041-01	Year: 2013
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\*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

[Groundwater monitoring template](#)

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)

[Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\)](#)

\*\*Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

[Groundwater regulations](#)
[Drinking water \(private supply\) standards](#)
[Drinking water \(public supply\) standards](#)
[Interim Guideline Values \(IGV\)](#)

**Table 3: Soil results**

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

## Environmental Liabilities template

Lic No:

W0041-01

Year

2013

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary	
1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€426,875	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€426,875	
6	Financial Provision for ELRA - type	bond	
7	Financial provision for ELRA expiry date	continues guarantee	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	56,500	
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	continues guarantee	



**Environmental Management Programme/Continuous Improvement Programme template** Lic No: W0041-01 Year 2013

Highlighted cells contain dropdown menu click to view		Additional Information	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

**Environmental Management Programme (EMP) report**

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Additional improvements	Consider additional roofing remaining chemical storage bunds (front yard) if appropriate.	50		Section Head	Improved Environmental Management Practices
Additional improvements	Provide local bunding for bulk waste storage tanks (i.e tank farm bund).	0		Section Head	Installation of infrastructure
Additional improvements	Install pH probe in underground tank.	30		Individual	Increased compliance with licence conditions
Materials Handling/Storage/Bunding	Improve yard integrity in areas for loading and unloading of waste	90		Individual	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Install system for storage and reuse of DIW reject water, for use in lime slurry batches	80		Section Head	Improved Environmental Management Practices
Additional improvements	Continue to implement the agreed plan with a view to eliminating all pre-acquisition waste	90	Performance continues to be reported monthly to the Agency, and two full-scale stock audits are carried out per year. Specialised projects are underway to eliminate those wastes which are proving more difficult to deal with.		Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0041-01	Year	2013
Additional improvements	Review and install where appropriate pressure vacuum valves on some bulk storage waste tanks	100	Odour monitoring in accordance with the Agency's guidance AG5 was implemented and is ongoing on a daily basis. There have been no significant odours detected over the last year which would warrant implementation of additional abatement measures. Evidence indicates that control measures in place are proving to be effective.			Increased compliance with licence conditions	
Groundwater protection	Review the Agency's guidance document and implement additional groundwater monitoring studies if required	90				Increased compliance with licence conditions	
SELECT		SELECT		SELECT		SELECT	

**Noise monitoring summary report**      Lic No: W0041-01      Year: 2013

- 1 Was noise monitoring a licence requirement for the AER period?  
If yes please fill in table N1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?   
[Noise Guidance note NG4](#)
- 3 Does your site have a noise reduction plan
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

**Table N1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
02.12.2013	30 Mins	N1		72.4	50.3	77.7		No	No	Drum Shredder operating	No
02.12.2013	30 Mins	N4		59.5		56.6		Yes	Yes	Hydraulic Press causing	No
02.12.2013	30 Mins	N5		57.7	59.4	51.1		Yes	Yes	Forklift truck in the area	No
02.12.2013	30 Mins	N6		51.3	74.4	47		No	No	Planes and traffic. Air bl	Yes
02.12.2013	30 Mins	N8		55.3		49.6		Yes	Yes	Road Traffic. Truck unlic	No

\*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

Despite Exceedances, site generated noise does not constitute a nuisance in the context of the location within the industrial estate. There is No NSL nearby that noise generated at Enva during working hours has a bearing on. The facility has not recieved a complaint in relation to noise since its inception in 1985. There is also no NSL on the licence.

Any additional comments? (less than 200 words)

## Resource Usage/Energy efficiency summary

Lic No:

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2013

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

[SEAI - Large Industry Energy Network \(LIEN\)](#)

## Additional information

	2008	
No		
No		

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	400.571	503.154		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

\* where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

\*\* where site production information is available please enter percentage increase or decrease compared to previous year

Table R2 Water usage on site				Water Emissions	Water Consumption		
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m <sup>3</sup> /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	27,156		<1%		27,156		
Surface water							
Public supply	13,638	11,371	<1%		11,371		
Recycled water							
Total							

\* where consumption of water can be compared to overall site production please enter this information as percentage increase or decrease compared to the previous reporting year.

\*\* where site production information is available please enter percentage increase or decrease compared to previous year

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)		1527.64		57.08	

## Resource Usage/Energy efficiency summary

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Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

Table R5: Power Generation: Where power is generated onsite (e.g. power generation facilities/food and drink industry) please complete the following information

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
Primary Fuel					
Thermal Efficiency					
Unit Date of Commission					
Total Starts for year					
Total Running Time					
Total Electricity Generated (GWH)					
House Load (GWH)					
KWH per Litre of Process Water					
KWH per Litre of Total Water used on Site					



WASTE SUMMARY	Lic No:	W0041-01	Year	2013
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		<a href="#">PRTR facility logon</a>	dropdown list click to see options	

**SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES**

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility?; (waste generated within your boundaries is to be captured through PRTR reporting)

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

**Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)**

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted <b>Please enter an accurate and detailed description - which applies to relevant EWC code</b> <a href="#">European Waste Catalogue EWC codes</a>	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) - only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
34,000	020704	02- WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	materials unsuitable for consumption or processing	8.72	0	100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	050111*	05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL	wastes from cleaning of fuels with bases	29.06	0	100%	fluctuations in market conditions			29.06	
	050114	05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL	waste from cooling columns	8.01	0	100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	0.18	
	050116	05- WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL	sulphur-containing wastes from petroleum desulphurisation	176.90		100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	22.18	
	060101*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	sulphuric acid and sulphurous acid	105.47	193.69	-84%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	11.52	
	060102*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	hydrochloric acid	101.26	10.96	89%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	2.30	
	060103*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	hydrochloric acid	0.93	12.01	-1194%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		

Additional Information

Yes	
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No	
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No	
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WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
060104*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	phosphoric and phosphorous acid	621.93	371.55	40%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	65.85	
060105*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	nitric acid and nitrous acid	18.13	26.71	-47%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	6.07	
060106*	INORGANIC CHEMICAL	other acids	781.11	673.42	-14%	fluctuations in market conditions	treatment not specified	28.92	
060201*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	calcium hydroxide	5.69		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
060203*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	ammonium hydroxide	0.06	1.4	-2314%	fluctuations in market conditions			
060204*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	sodium and potassium hydroxide	286.15	436.06	-52%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	76.69	
060205*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	other bases	67.20	59.91	11%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	4.39	
060311*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	solid salts and solutions containing cyanides	21.27	22.65	-6%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	12.34	
060313*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	solid salts and solutions containing heavy metals	1.81		100%	fluctuations in market conditions			
060404*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	wastes containing mercury	0.09		100%	fluctuations in market conditions		0.09	
060405*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	wastes containing other heavy metals	8.94	33.51	-275%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
061302*	06- WASTES FROM INORGANIC CHEMICAL PROCESSES	spent activated carbon (except 06 07 02)	12.71	20.04	-58%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.42	
070101*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	aqueous washing liquids and mother liquors	24.23	21.41	12%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
070104*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	other organic solvents, washing liquids and mother liquors	111.63	447.218	-301%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	22.55	
070107*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	halogenated still bottoms and reaction residues		18.66	-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		



WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
	070208*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	other still bottoms and reaction residues	6.52	4.37	33%	fluctuations in market conditions		0.09
	070216*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	waste containing dangerous silicones	0.14	0.155	-12%	fluctuations in market conditions		0.05
	070301*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	aqueous washing liquids and mother liquors	49.70	23.65	52%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	070401*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	aqueous washing liquids and mother liquors		3.3	-100%	fluctuations in market conditions		
	070403*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	organic halogenated solvents, washing liquids and mother liquors		0.46	-100%	fluctuations in market conditions		
	070501*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	aqueous washing liquids and mother liquors	806.12	301.08	63%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	38.82
	070504*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	other organic solvents, washing liquids and mother liquors	399.90	97.82	76%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	4.69
	070511*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	sludges from on-site effluent treatment containing dangerous substances	33.65		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	9.45
	070513*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	solid wastes containing dangerous substances	3.42	1.421	58%	fluctuations in market conditions		0.30
	070514	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	solid wastes other than those mentioned in 07 05 13	0.60	0.97	-63%	fluctuations in market conditions		
	070701*	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	aqueous washing liquids and mother liquors	747.30	682	9%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	080111*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste paint and varnish containing organic solvents or other dangerous substances	900.76	556.67	38%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	177.88
	080113*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	sludges from paint or varnish containing organic solvents or other dangerous substances	7.02	0.328	95%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	080115*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances	1.71		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	

WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
	080116	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15	39.10		100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080117*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	wastes from paint or varnish removal containing organic solvents or other dangerous substances	58.87	48.87	17%	fluctuations in market conditions	4.93	
	080119*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances	854.66	638.99	25%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080121*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste paint or varnish remover	1.28	0.004	100%	fluctuations in market conditions	0.05	
	080201	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste coating powders	7.64	11.15	-46%	fluctuations in market conditions		
	080307	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous sludges containing ink	8.57		100%	fluctuations in market conditions	0.80	
	080308	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous liquid waste containing ink	399.72	225.8	44%	fluctuations in market conditions	1.83	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080312*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste ink containing dangerous substances	120.16	20.39	83%	fluctuations in market conditions	0.85	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12

WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
	080314*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	ink sludges containing dangerous substances	19.36		100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080318	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste printing toner other than those mentioned in 08 03 17	4.78		100%	fluctuations in market conditions	4.78	
	080409*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste adhesives and sealants containing organic solvents or other dangerous substances	192.44	8.05	96%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080410	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste adhesives and sealants other than those mentioned in 08 04 09	0.46	0.085	81%	fluctuations in market conditions		
	080411*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	adhesive and sealant sludges containing organic solvents or other dangerous substances	0.97		100%	fluctuations in market conditions		
	080413*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances		67.32	-100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080415*	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances	303.42	277.5	9%	fluctuations in market conditions	1.02	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
	080416	08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15	17.96	12.72	29%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12

WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
	080501*	08- WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS	waste isocyanates	0.92	0.408	56%	fluctuations in market conditions		
	090101*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	water-based developer and activator solutions	0.35	0.48	-36%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.25
	090102*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	water-based offset plate developer solutions	0.00	0.187	-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	090103*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	solvent-based developer solutions		11.04	-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	090104*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	fixed solutions	103.01	137.77	-34%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	17.23
	090105*	09- WASTES FROM THE PHOTOGRAPHIC INDUSTRY	bleach solutions and bleach fixer solutions	14.15	51.25	-262%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.00
	090107	10- WASTES FROM THERMAL PROCESSES	photographic film and paper containing silver or silver compounds	0.15	0.105	31%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	100101	10- WASTES FROM THERMAL PROCESSES	bottom ash, slag and boiler dust	4.43		100%	fluctuations in market conditions		
	100104	10- WASTES FROM THERMAL PROCESSES	oil fly ash and boiler dust		0.622	-100%	fluctuations in market conditions		
	100122*	10- WASTES FROM THERMAL PROCESSES	aqueous sludges from boiler cleansing containing dangerous substances	6.04		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	100126	10- WASTES FROM THERMAL PROCESSES	wastes from cooling-water treatment	618.92	16.86	97%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	101111*	10- WASTES FROM THERMAL PROCESSES	waste glass in small particles and glass powder containing heavy metals ( for example from cathode ray tubes)	3.00		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
	101314	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	waste containing concrete and concrete sludge	2.07		100%	fluctuations in market conditions		

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	110105*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	pickling acids	179.00	266.27	-49%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	12.58	
	110106*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	acids not otherwise specified	30.22	15.96	47%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	7.80	
	110107*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	pickling bases	5.28	6.26	-19%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.14	
	110108*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	phosphatising sludges	1.11	9.57	-761%	fluctuations in market conditions			1.11	
	110109*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	sludges and filter cakes containing dangerous substances	202.42	184.6	9%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	34.66	
	110110	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	sludges and filter cakes other than those mentioned in 11 01 09	207.30	149.47	28%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	8.06	
	110111*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	aqueous rinsing liquids containing dangerous substances	245.30	184.74	25%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	20.27	
	110112	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	aqueous rinsing liquids other than those mentioned in 11 01 11	4.38	1	77%	fluctuations in market conditions			4.38	
	110113*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	degreasing wastes containing dangerous substances	41.25	32.84	20%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
	110116*	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	saturated or spent ion exchange resins	18.15	25.5	-40%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.85	
	110198*	12- WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	other wastes containing dangerous substances	22.07	22.6	-2%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	8.33	
	120104	12- WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	non-ferrous metal dust and particles	7.30	4.88	33%	fluctuations in market conditions			1.21	

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	120107*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	mineral-based machining oils free of halogens (except emulsions and solutions)	0.13	5.94	-4469%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	0.13
	120108*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	machining emulsions and solutions containing halogens	0.35		100%	fluctuations in market conditions			
	120109*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	machining emulsions and solutions free of halogens	35.46	11.04	69%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	4.30
	120110*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	synthetic machining oils	0.71		100%	fluctuations in market conditions			
	120113	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	machining sludges containing dangerous substances		1.05	-100%	fluctuations in market conditions			
	120114*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	machining sludges other than those mentioned in 12 01 14		0.65	-100%	fluctuations in market conditions			
	120115	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	machining sludges other than those mentioned in 12 01 14	3.29	6.51	-98%	fluctuations in market conditions			0.82
	120116*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	waste blasting material containing dangerous substances	206.63	133.79	35%	fluctuations in market conditions			17.98
	120117	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	waste blasting material other than those mentioned in 12 01 16	16.34	12.48	24%	fluctuations in market conditions			1.52
	120118*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	metal sludge (grinding, honing and lapping sludge) containing oil		0.25	-100%	fluctuations in market conditions			
	120119*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	readily biodegradable machining oil		0.08	-100%	fluctuations in market conditions			
	120120*	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	spent grinding bodies and grinding materials containing dangerous substances	0.45		100%	fluctuations in market conditions			0.45
	120121	12-WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS	spent grinding bodies and grinding materials other than those mentioned in 12 01 20	1.65	0.998	39%	fluctuations in market conditions			0.92
	120301*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	aqueous washing liquids	3.45		100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	

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130109*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	mineral- based chlorinated hydraulic oils		0.04		-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
130111*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	synthetic hydraulic oils	2.28	0.034		99%	fluctuations in market conditions		
130113*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	other hydraulic oils	84.38	85.8		-2%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	20.88
130205*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	mineral-based non-chlorinated engine, gear and lubricating oils	0.59			100%	fluctuations in market conditions		0.22
130206*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	synthetic engine, gear and lubricating oils	12.62			100%	fluctuations in market conditions		
130208*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	other engine, gear and lubricating oils	148.28	43.97		70%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	10.63
130306*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	mineral based chlorinated insulating and heat transmission oils other than those mentioned in 130301		0.022		-100%	fluctuations in market conditions		
130308*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	synthetic insulating and heat transmission oils	0.40			100%	fluctuations in market conditions		0.13
130310*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	other insulating and heat transmission oils	25.41	12.04		53%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
130503*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	interceptor sludges	27.00	67		-148%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
130506*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	oil from oil/water separators	0.00	1		-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
130507*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	oily water from oil/water separators	16.18			100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	
130701*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	fuel oil and diesel	0.30	1.32		-343%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.23

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130703*	14- WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)	other fuels (including mixtures)	3.61	2.48	31%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
130802*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	other emulsions	0.91	8.23	-805%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.14	
140603*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	other solvents and solvent mixtures	30.72	17.23	44%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	3.96	
150101	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	paper and cardboard packaging	4.76		100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
150102	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	plastic packaging	12.64	16.21	-28%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	0.56	
150110*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	packaging containing residues of or contaminated by dangerous substances	217.18	187.05	14%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	9.74	
150111*	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers		0.04	-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12		
150202*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	214.87	193.09	10%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12	24.79	
150203	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02	26.11	23.61	10%	fluctuations in market conditions			
160114*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	antifreeze fluids containing dangerous substances		0.238	-100%	fluctuations in market conditions			
160115	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	antifreeze fluids other than those mentioned in 16 01 14	14.17		100%	fluctuations in market conditions		13.79	
160120	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	glass		0.083	-100%	fluctuations in market conditions			
160213*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	discarded equipment containing hazardous components ( ) other than those mentioned in 16 02 09 to 16 02 12	1.98		100%	fluctuations in market conditions			



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	160303*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	inorganic wastes containing dangerous substances	0.73	0.731	0%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	160305*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	organic wastes containing dangerous substances	31.84	7.19	77%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	0.99
	160306	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	organic wastes other than those mentioned in 16 03 05	0.00	3.28	-100%	fluctuations in market conditions			
	160504*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	gases in pressure containers (including halons) containing dangerous substances	2.68	2.91	-9%	fluctuations in market conditions			0.13
	160506*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	262.95	412.99	-57%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	57.17
	160507*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	discarded inorganic chemicals consisting of or containing dangerous substances	93.96	58.89	37%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	13.49
	160508*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	discarded organic chemicals consisting of or containing dangerous substances	146.16	150.22	-3%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	16.44
	160509	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	1,040.46	632.83	39%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	11.40
	160601*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	lead batteries	0.29		100%	fluctuations in market conditions			
	160603*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	mercury-containing batteries	0.00	0.19	-100%	fluctuations in market conditions			
	160604	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	alkaline batteries (except 16 06 03)	0.18		100%	fluctuations in market conditions			0.02
	160605	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	other batteries and accumulators	0.04	0.009	78%	fluctuations in market conditions			0.02
	160708*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	wastes containing oil	204.96	10.38	95%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	160709*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	wastes containing other dangerous substances	39.29	41.86	-7%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	160807*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	spent catalysts contaminated with dangerous substances		0.007	-100%	fluctuations in market conditions			
	160901*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	permanganates, for example potassium permanganate		3.83	-100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	

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	160902*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	chromates, for example potassium chromate, potassium or sodium dichromate	0.00	0.021	-600%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	160903*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	peroxides, for example hydrogen peroxide	0.01	0.358	-7060%	fluctuations in market conditions		
	161001*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	aqueous liquid wastes containing dangerous substances	1,142.19	1893.15	-66%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	161002	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	aqueous liquid wastes other than those mentioned in 16 10 01	2,767.30	494.988	82%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	1.00
	161003*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	aqueous concentrates containing dangerous substances	0.00	3.304	-100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	170106*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixture of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances	0.58		100%	fluctuations in market conditions		
	170204*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	glass, plastic and wood containing or contaminated with dangerous substances	2.80	0.218	92%	fluctuations in market conditions		
	170403	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Lead		0.004	-100%	fluctuations in market conditions		
	170503*	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	soil and stones containing dangerous substances	15.45	21.732	-41%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	2.61
	170604	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	insulation materials other than those mentioned in 17 06 01 and 17 06 03		0.16	-100%	fluctuations in market conditions		0.00
	180109	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)	medicines other than those mentioned in 180108	0.26	3.832	-1368%	fluctuations in market conditions		
	180110*	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)	amalgam waste from dental care	1.53	1.6	-4%	fluctuations in market conditions		

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	190209*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	solid combustible wastes containing dangerous substances		0.106		-100%	fluctuations in market conditions		
	190703	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	landfill leachate other than those mentioned in 190702	17,283.44	24137.52		-40%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	190813*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	sludges containing dangerous substances from other treatment of industrial waste water	9.75			100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	190904	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	spent activated carbon	54.71			100%	fluctuations in market conditions		
	190905	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	saturated or spent ion exchange resins	10.19	0.15		99%	fluctuations in market conditions		
	190906	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	solutions and sludges from regeneration of ion exchangers	51.70			100%	fluctuations in market conditions	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	
	191106	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	sludges from on-site effluent treatment other than those mentioned in 191105	3.97	6.24		-57%	fluctuations in market conditions		
	191307*	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances	0.15			100%	fluctuations in market conditions		0.15

WASTE SUMMARY		Lic No:		W0041-01		Year		2013	
	200114*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	acids		214.781	-100%	fluctuations in market conditions		D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12
	200115*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	alkalines	2.31	0.067	97%	fluctuations in market conditions		
	200119*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	pesticides	0.70	0.268	62%	fluctuations in market conditions	0.04	
	200121*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	fluorescent tubes and other mercury-containing waste	0.07	0.004	94%	fluctuations in market conditions		
	200125	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	edible oil and fat	0.26	0.085	68%	fluctuations in market conditions	0.22	
	200126*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paint, inks, adhesives and resins containing dangerous substances	0.12		100%	fluctuations in market conditions		
	200127*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paint, inks, adhesives and resins containing dangerous substances	37.23	24.57	34%	fluctuations in market conditions	6.52	
	200128	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paint, inks, adhesives and resins other than those mentioned in 20 01 27	0.20	0.05	74%	fluctuations in market conditions	0.15	
	200129*	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	detergents containing dangerous substances	478.38	714.375	-49%	fluctuations in market conditions	4.35	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12
	200130	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	detergents other than those mentioned in 20 01 29	0.45	0.7	-54%	fluctuations in market conditions		
	200132	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	medicines other than those mentioned in 20		0.041	-100%	fluctuations in market conditions		



<b>WASTE SUMMARY</b>	Lic No:	W0041-01	Year	2013
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**Table 4 Environmental monitoring-landfill only** [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

→ please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

**Table 5 Capping-Landfill only**

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT					

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

9 Is leachate from your site treated in a Waste Water Treatment Plant?

SELECT
SELECT

10 Is leachate released to surface water? If yes please complete leachate mass load information below

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

**Table 7 Landfill Gas-Landfill only**

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	M	CRM	Impinger train using H2SO4 in accordance with EPA26A	3.69	3.69	0.0	0.0
08	Nitrogen oxides (NOx/NO2)	M	CRM	Flue gas analyser, Testo 350/454 MXL	0.0	0.0	0.0	0.0
11	Sulphur oxides (SOx/SO2)	M	CRM	Flue gas analyser, Testo 350/454 MXL	0.0	0.0	0.0	0.0
80	Chlorine and inorganic compounds (as HCl)	M	EN 1911-1 to 3:2003		3.85	3.85	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION B : REMAINING PRTR POLLUTANTS**

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)**

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
351	Total Organic Carbon (as C)	M	EN 13649:2001		57.6	57.6	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

**Additional Data Requested from Landfill operators**

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T(total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

Landfill:	Enva Ireland Limited (Shannon)				
Please enter summary data on the quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
	Total estimated methane generation (as per site model)	0.0			N/A
	Methane flared	0.0			0.0 (Total Flaring Capacity)
	Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
	Net methane emission (as reported in Section A above)	0.0			N/A

## 4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR#: W0041 | Facility Name : Enva Ireland Limited (Shannon) | Filename : PRTR Report 2013.xls

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## SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
06	Ammonia (NH3)	M	OTH	BS 2690: Part 7:1968/BS6068: Part 2. 11:1984 / APHA -4500-NH3-D	4740.935	4740.935	0.0	0.0
17	Arsenic and compounds (as As)	M	OTH	AWWA/APHA, 20th Edition 1999, Method 3125B	0.225	0.225	0.0	0.0
18	Cadmium and compounds (as Cd)	M	OTH	AWWA 21st Edition 2005 3111 A	0.5	0.5	0.0	0.0
79	Chlorides (as Cl)	M	OTH	EPA Method 325.1 & 325.2 AWWA 21st Edition 2005 3111 A	21820.43	21820.43	0.0	0.0
19	Chromium and compounds (as Cr)	M	OTH	AWWA 21st Edition 2005 3111 A	0.9891	0.9891	0.0	0.0
20	Copper and compounds (as Cu)	M	OTH	AWWA 21st Edition 2005 3111 A	5.0	5.0	0.0	0.0
21	Mercury and compounds (as Hg)	M	OTH	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN 0 580 38924 3 AWWA 21st Edition 2005	0.988	0.988	0.0	0.0
23	Lead and compounds (as Pb)	M	OTH	AWWA/APHA 20th Edition 1999, Method 4500 F	7.91	7.91	0.0	0.0
22	Nickel and compounds (as Ni)	M	OTH	AWWA 21st Edition 2005 3111 A	7.77	7.77	0.0	0.0
24	Zinc and compounds (as Zn)	M	OTH	AWWA 21st Edition 2005 3111 A	30.85	30.85	0.0	0.0
82	Cyanides (as total CN)	M	OTH	AWWA/APHA 20th Edition 1999, Method 4500	3.43	3.43	0.0	0.0
83	Fluorides (as total F)	M	OTH	AWWA/APHA 20th Edition 1999, Method 4500 F	73.21	73.21	0.0	0.0
13	Total phosphorus	M	OTH	AWWA 21st Edition 2005 4500-P	125.37	125.37	0.0	0.0
71	Phenols (as total C)	M	OTH	By HPLC	3.87	3.87	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

## SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	OTH	AWWA/APHA, 20th Ed., 1999 Method 5210B	16594.34	16594.34	0.0	0.0
306	COD	M	ALT	BS ISO 15705:2002	53556.42	53556.42	0.0	0.0
240	Suspended Solids	M	ALT	BS EN 872:2005	3707.616	3707.616	0.0	0.0
355	Aluminium	M	OTH	AWWA/APHA, 20th Edition 1999, Method 3125B	1.68	1.68	0.0	0.0
308	Detergents (as MBAS)	M	OTH	AWWA/APHA 20th Edition 1999, Method 5540 C	34.52	34.52	0.0	0.0
327	Nitrate (as N)	M	OTH	HACH Lange Method 10020 AWWA 21st Edition 2005	70.89	70.89	0.0	0.0
354	Silver	M	OTH	AWWA 21st Edition 2005 3111 A	6.2	6.2	0.0	0.0
356	Cobalt	M	OTH	AWWA 21st Edition 2005 3111 A	2.08	2.08	0.0	0.0
357	Iron	M	OTH	AWWA 21st Edition 2005 3111 A	34.06	34.06	0.0	0.0
331	Organohalogens	M	OTH	Modified : US EPA Method 8260b & 624 AWWA 21st Edition 2005	2.6	2.6	0.0	0.0
314	Fats, Oils and Greases	M	OTH	5520	193.65	193.65	0.0	0.0
358	Tin	M	OTH	AWWA/APHA, 20th Edition 1999, Method 3125B	6.28	6.28	0.0	0.0
343	Sulphate	M	OTH	EPA Method 325.1 & 325.2	14349.12	14349.12	0.0	0.0



353	Sulphides	M	OTH	AWWA/APHA 20th Edition 1999, Method 4500B & C	449.1	449.1	0.0	0.0
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\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0041 | Facility Name : Enva Ireland Limited (Shannon) | Filename : PRTR Report 2013 submitted.xlsx | Return Year : 2013 |

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Please enter all quantities on this sheet in Tonnes

0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Recoverer/Disposer	Non Haz Waste: Address of Recoverer/Disposer		
To Other Countries	06 01 01	Yes	4.784	sulphuric acid and sulphurous acid	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 01 02	Yes	7.277	hydrochloric acid	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 01 03	Yes	0.055	hydrochloric acid	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 01 04	Yes	3.107	phosphoric and phosphorous acid	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 01 05	Yes	2.317	nitric acid and nitrous acid	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 01 06	Yes	6.361	other acids	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 02 03	Yes	0.058	ammonium hydroxide	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 02 04	Yes	13.779	sodium and potassium hydroxide	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 02 05	Yes	8.042	other bases	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 03 11	Yes	1.592	solid salts and solutions containing cyanides	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	06 04 05	Yes	0.201	wastes containing other heavy metals	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						Non	Non		Non	Non	Non	Non	Non
To Other Countries	06 13 02	Yes	12.197	spent activated carbon (except 06 07 02)	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 01 01	Yes	0.233	aqueous washing liquids and mother liquors	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 01 04	Yes	13.274	other organic solvents, washing liquids and mother liquors	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,Belgium	Geocycle S.A. ,38.152/BP, No 49 B-7181 ,Seneffe ,Belgium	No 49 B-7181 ,Seneffe ,Belgium
To Other Countries	07 01 04	Yes	46.229	other organic solvents, washing liquids and mother liquors	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	07 01 04	Yes	1.438	other organic solvents, washing liquids and mother liquors	R1	M	Weighed	Offsite in Ireland	Soltec Ireland Ltd,W0115-01		Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland	Soltec Ireland Ltd,W0115-01, Zone A,Mullingar Business Park,Mullingar ,Co. Westmeath,Ireland	Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland
To Other Countries	07 02 08	Yes	6.439	other still bottoms and reaction residues	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 02 16	Yes	0.086	waste containing dangerous silicones	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 05 01	Yes	24.0	aqueous washing liquids and mother liquors	R2	M	Weighed	Abroad	Haltermann Ltd (now - Chemoxy International Ltd.) ,BT9828		All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	Haltermann Ltd. (now - Chemoxy International Ltd.) ,BT9828,All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom
To Other Countries	07 05 04	Yes	408.0	other organic solvents, washing liquids and mother liquors	R2	M	Weighed	Abroad	Haltermann Ltd (now - Chemoxy International Ltd.) ,BT9828		All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	Haltermann Ltd. (now - Chemoxy International Ltd.) ,BT9828,All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom
To Other Countries	07 05 04	Yes	2.151	other organic solvents, washing liquids and mother liquors	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 05 13	Yes	3.48	solid wastes containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	07 05 14	No	0.596	solid wastes other than those mentioned in 07 05 13	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Non-Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non-Haz Waste: Address of Recover/Disposer	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non-Haz Waste: Address of Recover/Disposer		
To Other Countries	08 01 11	Yes	250.434	waste paint and varnish containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 01 13	Yes	5.455	sludges from paint or varnish containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 01 17	Yes	54.615	wastes from paint or varnish removal containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 01 21	Yes	1.234	waste paint or varnish remover	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 02 01	No	7.635	waste coating powders	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 03 07	No	7.77	aqueous sludges containing ink	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 03 08	No	3.0	aqueous liquid waste containing ink	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 03 12	Yes	32.005	waste ink containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 04 09	Yes	178.126	waste adhesives and sealants containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 04 10	No	0.455	waste adhesives and sealants other than those mentioned in 08 04 09	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 05 01	Yes	0.92	waste isocyanates	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	09 01 02	Yes	0.027	water-based offset plate developer solutions	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom		Edelchemie Limited ,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom
To Other Countries	09 01 04	Yes	4.622	fixed solutions	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom		Edelchemie Limited ,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	ONLY	ONLY	
To Other Countries	09 01 04	Yes	1.79	fixed solutions	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	09 01 05	Yes	34.0	bleach solutions and bleach fixer solutions	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom	,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS , United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom
To Other Countries	09 01 05	Yes	4.0	bleach solutions and bleach fixer solutions	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	09 01 07	No	0.153	photographic film and paper containing silver or silver compounds	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	10 01 01	No	4.427	bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 05	Yes	3.971	pickling acids	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 06	Yes	0.803	acids not otherwise specified	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 08	Yes	6.159	phosphatising sludges	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 09	Yes	62.963	sludges and filter cakes containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 09	Yes	120.631	sludges and filter cakes containing dangerous substances	D1	M	Weighed	Abroad	AGR mbh ,375		Abfalldeponien ,Zentraldeponie Emscherbruch ,WiedehopfstraBe 30 ,45892 Gelsenkirchen,Germany	AGR mbh ,375,Abfalldeponien ,Zentraldeponie Emscherbruch ,WiedehopfstraBe 30 ,45892 Gelsenkirchen ,Germany	Abfalldeponien ,Zentraldeponie Emscherbruch ,WiedehopfstraBe 30 ,45892 Gelsenkirchen ,Germany
To Other Countries	11 01 10	No	184.864	sludges and filter cakes other than those mentioned in 11 01 09	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 11	Yes	5.826	aqueous rinsing liquids containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)
To Other Countries	11 01 16	Yes	0.85	saturated or spent ion exchange resins	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	11 01 98	Yes	9.907	other wastes containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 04	No	6.093	non-ferrous metal dust and particles	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 07	Yes	0.444	mineral-based machining oils free of halogens (except emulsions and solutions)	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 09	Yes	9.433	machining emulsions and solutions free of halogens	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 15	No	3.084	machining sludges other than those mentioned in 12 01 14	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 16	Yes	186.643	waste blasting material containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 17	No	15.176	waste blasting material other than those mentioned in 12 01 16	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 21	No	0.734	spent grinding bodies and grinding materials other than those mentioned in 12 01 20	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 01 13	Yes	3.928	other hydraulic oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01		Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland		Enva Ireland Ltd ,W184-01 ,Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland
To Other Countries	13 01 13	Yes	17.963	other hydraulic oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 02 08	Yes	4.588	other engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01		Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland		Enva Ireland Ltd ,W184-01 ,Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland
To Other Countries	13 02 08	Yes	31.251	other engine, gear and lubricating oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
To Other Countries	13 03 08	Yes	0.266	synthetic insulating and heat transmission oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 03 10	Yes	0.032	other insulating and heat transmission oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01		Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland
To Other Countries	13 03 10	Yes	3.711	other insulating and heat transmission oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	13 05 03	Yes	1.0	interceptor sludges	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	13 07 01	Yes	0.03	fuel oil and diesel	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	13 07 03	Yes	2.0	other fuels (including mixtures)	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	13 07 03	Yes	1.294	other fuels (including mixtures)	R9	M	Weighed	Abroad	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,,Ireland	13984/01 TMS,Raiffeisenstra Be 38,,,,D-47665 Sonsbeck,Germany	RaiffeisenstraBe 38,,,,D-47665 Sonsbeck,Germany
To Other Countries	13 08 02	Yes	0.769	other emulsions	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	14 06 03	Yes	3.363	other solvents and solvent mixtures	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,,,Belgium	Geocycle S.A. ,38.152/BP, No 49 B-7181 ,Seneffe ,,,Belgium	No 49 B-7181 ,Seneffe ,,,Belgium
To Other Countries	14 06 03	Yes	0.01	other solvents and solvent mixtures	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	14 06 03	Yes	24.48	other solvents and solvent mixtures	R2	M	Weighed	Offsite in Ireland	Soltec Ireland Ltd,W0115-01		Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland	Soltec Ireland Ltd,W0115-01,Zone A,Mullingar Business Park,Mullingar ,Co. Westmeath,Ireland	Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland
To Other Countries	15 01 10	Yes	0.07	packaging containing residues of or contaminated by dangerous substances	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,,,Belgium	Geocycle S.A. ,38.152/BP, No 49 B-7181 ,Seneffe ,,,Belgium	No 49 B-7181 ,Seneffe ,,,Belgium
To Other Countries	15 01 10	Yes	101.95	packaging containing residues of or contaminated by dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 10	Yes	0.532	packaging containing residues of or contaminated by dangerous substances	R3	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland	MSM Recycling Ltd,W079-01,41 Cookstown Industrial Estate,Tallaght,Dublin 24,,Ireland	41 Cookstown Industrial Estate,Tallaght,Dublin 24,,Ireland
Within the Country	15 02 02	Yes	1.306	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R1	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland	Enva Ireland Ltd ,W184-01	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland
To Other Countries	15 02 02	Yes	2.829	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R4	M	Weighed	Abroad	Heraeus ,IV/HU43.3-0682/12-Gen28/02	Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany	Heraeus ,IV/HU43.3-0682/12-Gen28/02,Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany	Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany
To Other Countries	15 02 02	Yes	200.286	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	15 02 03	No	26.109	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing other than those mentioned in 15 02 02	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	16 01 15	No	1.9	antifreeze fluids other than those mentioned in 16 01 14	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
Within the Country	16 02 13	Yes	1.981	discarded equipment containing hazardous components (16) other than those mentioned in 16 02 09 to 16 02 12	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co Offaly ,Ireland	Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland
To Other Countries	16 03 03	Yes	0.625	inorganic wastes containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	16 03 05	Yes	2.215	organic wastes containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	16 05 04	Yes	1.575	gases in pressure containers (including halons) containing dangerous substances	R4	M	Weighed	Abroad	Enva Ireland Ltd. ,W184-01	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland	,11HRO03003 ,Austrahe 5 ,D74238 ,Krauthem ,,,Germany	Austrahe 5 ,D74238 ,Krauthem ,,,Germany
To Other Countries	16 05 04	Yes	0.654	gases in pressure containers (including halons) containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	16 05 04	Yes	0.546	gases in pressure containers (including halons) containing dangerous substances	R4	M	Weighed	Abroad	Remondis Industrial Service Gmbh,C7D 000000	Am Kanal 9,D-49565 Bramsche,Germany,Germany	,11HRO03003 ,Austrahe 5 ,D74238 ,Krauthem ,,,Germany	Austrahe 5 ,D74238 ,Krauthem ,,,Germany
Within the Country	16 05 06	Yes	0.068	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R3	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland	,Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,,,Ireland



Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Haz Waste : Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	ONLY			
To Other Countries	16 05 06	Yes	10.585	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,Belgium		Geocycle S.A. ,38.152/BP,No 49 B-7181 ,Seneffe ,Belgium	No 49 B-7181 ,Seneffe ,Belgium
To Other Countries	16 05 06	Yes	105.168	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
Within the Country	16 05 06	Yes	1.429	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R2	M	Weighed	Offsite in Ireland	Soltec Ireland Ltd,W0115-01		Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland		Soltec Ireland Ltd,W0115-01,Zone A,Mullingar Business Park,Mullingar ,Co. Westmeath,Ireland	Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland
To Other Countries	16 05 07	Yes	0.87	discarded inorganic chemicals consisting of or containing dangerous substances	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom		Edelchemie Limited ,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom
To Other Countries	16 05 07	Yes	43.892	discarded inorganic chemicals consisting of or containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
Within the Country	16 05 08	Yes	0.236	discarded organic chemicals consisting of or containing dangerous substances	R1	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Enva Ireland Ltd ,W184-01,Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
To Other Countries	16 05 08	Yes	1.79	discarded organic chemicals consisting of or containing dangerous substances	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,Belgium		Geocycle S.A. ,38.152/BP,No 49 B-7181 ,Seneffe ,Belgium	No 49 B-7181 ,Seneffe ,Belgium
To Other Countries	16 05 08	Yes	67.07	discarded organic chemicals consisting of or containing dangerous substances	R1	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
To Other Countries	16 05 09	No	10.03	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany
Within the Country	16 06 05	No	0.021	other batteries and accumulators	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Daingean Road ,Tullamore ,Co Offaly ,Ireland		KMK Metal Recycling ,W113-03,Cappincur Industrial Estate ,Daingean ,Co Offaly ,Ireland	Cappincur Industrial Estate ,Daingean ,Co Offaly ,Ireland
To Other Countries	16 05 09	No	0.077	discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom		Edelchemie Limited ,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom
Within the Country	16 06 01	Yes	0.282	lead batteries	R1	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Enva Ireland Ltd ,W184-01,Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
Within the Country	16 06 01	Yes	0.008	lead batteries	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Daingean Road ,Tullamore ,Co Offaly ,Ireland		KMK Metals Recycling,W113-03,Cappincur Industrial Estate ,Daingean ,Co Offaly ,Ireland	Cappincur Industrial Estate ,Daingean ,Co Offaly ,Ireland

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Haz Waste : Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	ONLY			
To Other Countries	16 09 02	Yes	0.003	chromates, for example potassium chromate, potassium or sodium dichromate	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	16 09 03	Yes	0.29	peroxides, for example hydrogen peroxide	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	17 02 04	Yes	2.798	glass, plastic and wood containing or contaminated with dangerous substances	R13	M	Weighed	Abroad	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	17 05 03	Yes	12.263	soil and stones containing dangerous substances	R5	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Hinch Plant Hire,WFP-LS-09-0002-01,Straboe,,Portlaoise,Co. Laois,Ireland	Straboe,,Portlaoise,Co. Laois,Ireland
To Other Countries	17 05 03	Yes	0.572	soil and stones containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	18 01 10	Yes	1.534	amalgam waste from dental care	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	19 09 04	No	54.706	spent activated carbon stabilised wastes other than those mentioned in 19 03 04	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	19 03 05	No	1527.64	mentioned in 19 03 04	D1	M	Weighed	Offsite in Ireland	Gortadroma Landfill,W0017-04		,Limerick,0,Ireland			
To Other Countries	19 11 06	No	3.965	sludges from on-site effluent treatment other than those mentioned in 19 11 05	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	19 12 03	No	22.78	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	MSM Recycling Ltd ,W079-01		41 Cookstown Industrial Estate ,Tallaght ,Dublin 24 ,Ireland			
To Other Countries	20 01 15	Yes	2.345	alkalines	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	20 01 19	Yes	0.742	pesticides	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	20 01 21	Yes	0.066	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	Irish Lamp Co Ltd,WFP-DC-08-0348-01		Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland		Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland	Woodstock Industrial Estate,Kilkenny Road,Athy,Co. Kildare,Ireland

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	Address of Recover/Disposer	ONLY	
To Other Countries	20 01 25	No	0.044	edible oil and fat	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
To Other Countries	20 01 27	Yes	31.038	paint, inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	20 01 28	No	0.046	paint, inks, adhesives and resins other than those mentioned in 20 01 27	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
To Other Countries	20 01 29	Yes	3.61	detergents containing dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	20 01 30	No	0.454	detergents other than those mentioned in 20 01 29	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
Within the Country	20 01 33	Yes	0.436	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co Offaly ,Ireland	KMK Metals Recycling,W113-03,Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offaly,Ireland	Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 35	Yes	0.31	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co Offaly ,Ireland	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland
Within the Country	20 01 39	No	57.08	plastics	R3	M	Weighed	Offsite in Ireland	Wheley Environmental Refuse Services ,WFP-G-09-0002-01		Weir Road ,Tuam ,Galway ,Ireland		
To Other Countries	05 01 14	No	0.575	wastes from cooling columns	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
To Other Countries	06 01 01	Yes	99.207	sulphuric acid and sulphurous acid	R5	M	Weighed	Abroad	Teris Specialites Site de Roussillon,No2012298_0020		Rue Gaston Monmousseau,Roussillon,38 556 Saint Maurice,L'exil Cedex,France	Teris Specialites Site de Roussillon,38 556 Saint Maurice ,L'exil Cedex,France	Rue Gaston Monmousseau,Roussillon,38 556 Saint Maurice ,L'exil Cedex,France
To Other Countries	06 03 13	Yes	0.201	solid salts and solutions containing heavy metals	R4	M	Weighed	Abroad	Heraeus ,IV/HU43.3-0682/12-Gen28/02		Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany	Heraeus ,IV/HU43.3-0682/12-Gen28/02,Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany	Heraeusstrasse 12-14 ,63450 Hanau ,,,,Germany
To Other Countries	07 01 01	Yes	24.0	aqueous washing liquids and mother liquors	R2	M	Weighed	Abroad	Haltermann Ltd (now - Chemoxy International Ltd. ) ,BT9828		All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	Haltermann Ltd. (now - Chemoxy International Ltd. ),BT9828,All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom	All Saints Refinery ,Cargo Fleet Road ,Middlesbrough ,TS3 6AF ,United Kingdom
To Other Countries	08 04 11	Yes	0.974	adhesive and sealant sludges containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	Non	Non	
To Other Countries	08 04 15	Yes	4.261	aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	08 04 16	No	12.719	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
To Other Countries	09 01 01	Yes	0.48	water-based developer and activator solutions	R4	M	Weighed	Abroad	Edelchemie Limited ,UP3637SP		Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS,United Kingdom	Edelchemie Limited ,UP3637SP,Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom	Holland House ,Valley Way ,The Welland Industrial Estate ,Leicester LE16 7PS ,United Kingdom
To Other Countries	09 01 01	Yes	0.104	water-based developer and activator solutions	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	08 01 11	Yes	0.299	waste paint and varnish containing organic solvents or other dangerous substances	R3	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Portlaoise ,Co. Laois ,Ireland	Nehlsen,D33300040,Bremen ,Bremen,Bremen,0,Germany	Bremen,Bremen,Bremen,0,Germany
To Other Countries	10 13 14	No	2.07	waste concrete and concrete sludge	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		
Within the Country	11 01 10	No	3.137	sludges and filter cakes other than those mentioned in 11 01 09	R12	M	Weighed	Offsite in Ireland	Soltec Ireland Ltd,W0115-01		Zone A,Mullingar Business Park,Mullingar,Co. Westmeath,Ireland		
To Other Countries	12 01 08	Yes	0.351	machining emulsions and solutions containing halogens	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	12 01 10	Yes	0.712	synthetic machining oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 01 11	Yes	2.0	synthetic hydraulic oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Enva Ireland Ltd ,W184-01 ,Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
To Other Countries	13 01 11	Yes	0.277	synthetic hydraulic oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 02 05	Yes	0.037	mineral-based non-chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01		Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Enva Ireland Ltd ,W184-01 ,Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Clonminam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
To Other Countries	13 02 05	Yes	0.337	mineral-based non-chlorinated engine, gear and lubricating oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany	Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
To Other Countries	13 02 06	Yes	5.846	synthetic engine, gear and lubricating oils	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	13 02 06	Yes	6.77	synthetic engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
Within the Country	13 07 01	Yes	0.274	fuel oil and diesel	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
To Other Countries	13 05 06	Yes	1.0	oil from oil/water separators	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	16 03 06	No	3.28	organic wastes other than those mentioned in 16 03 05	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	16 06 03	Yes	0.19	mercury-containing batteries	R1	M	Weighed	Abroad	Geocycle S.A. ,38.152/BP		No. 49 B-7181 ,Seneffe ,Belgium		Geocycle S.A. ,38.152/BP, No 49 B-7181 ,Seneffe ,Belgium	No 49 B-7181 ,Seneffe ,Belgium
Within the Country	16 06 04	No	0.183	alkaline batteries (except 16 06 03)	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co Offaly ,Ireland		KMK Metal Recycling ,W113-03,Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland
Within the Country	16 09 03	Yes	0.008	peroxides, for example hydrogen peroxide	D10	M	Weighed	Offsite in Ireland	Veolia Environmental Services Technical Solutions Limited,W0050-02		Corrin, Fermoy, Co. Cork, 0, Ireland		Veolia Environmental Services Technical Solutions Limited,W0050-02, Corrin, Fermoy, Co. Cork, 0, Ireland	Bridges Road, Elles Mere Port, Dirral Cheshire, CH65 4EQ, United Kingdom
Within the Country	17 01 06	Yes	0.579	mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances	R5	M	Weighed	Offsite in Ireland	Enva Ireland Ltd. ,W184-01		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland		Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland	Cloninam Industrial Estate ,Portlaoise ,Co. Laois ,Ireland
To Other Countries	18 01 09	No	4.093	medicines other than those mentioned in 18 01 08	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
To Other Countries	19 09 05	No	10.342	saturated or spent ion exchange resins	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany
Within the Country	20 01 21	Yes	0.006	fluorescent tubes and other mercury-containing waste	R4	M	Weighed	Offsite in Ireland	KMK Metal Recycling ,W113-03		Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co Offaly ,Ireland		KMK Metals Recycling ,W113-03,Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland	Cappincur Industrial Estate ,Daingean Road ,Tullamore ,Co. Offaly ,Ireland
To Other Countries	20 01 26	Yes	0.12	oil and fat other than those mentioned in 20 01 25	R12	M	Weighed	Abroad	Lindenschmidt KG,471498089		Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen ,Germany		Lindenschmidt KG ,471498089,Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany	Krombacher Str. 42-46 ,Kreuztal ,Krombach ,Westfalen,Germany

\* Select a row by double-clicking the Description of Waste then click the delete button

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non- Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					

[Link to previous years waste data](#)  
[Link to previous years waste summary data & percentage change](#)  
[Link to Waste Guidance](#)

## **Groundwater Interpretation 2013**

### ***Temporal Trends 2013***

Groundwater analytical results collected for monitoring wells MW3, MW4S and MW5 on a quarterly basis throughout 2013 are presented in Appendix C. Historical VOC trend graphs are presented in Appendix D.

Temporal trends inferred from the 2013 data are summarised below:

### **2013 TEMPORAL TRENDS**

#### **MW3**

VOCs Concentrations of VOCs were broadly similar during Q1, Q2 and Q3 2013 (<300 µg/L), with higher total concentrations being detected in Q4 (~600 µg/L). The most noted increase in VOC concentrations during 2013 was for dichloromethane from <MRL in Q1, Q2 and Q3 to 496 µg/L in Q4 2013.

Hydrocarbons DRO were only detected above the MRL in Q1 2013 (210 µg/L). GRO were detected in Q2 and Q4 in 2013 at low concentrations (up to 207 µg/L).

#### Miscellaneous Parameters

Concentrations of major ions remained stable throughout 2013. All parameters remained below the relevant assessment criteria throughout 2013.

**MW4S** VOCs During 2013, an overall increasing trend in VOC concentrations is apparent with increases noted for vinyl chloride, cis-1,2-dichloroethene and 1,1,1-trichloroethane. In 2013, the highest concentrations of VOCs were reported in Q4. Reported VOC concentrations for Q4 2013 at this location are similar to the Q4 2012 results.

Hydrocarbons TPH concentrations remained relatively stable throughout 2013 (1,465 µg/L to 2,549 µg/L). Concentrations of TPH in 2013 were similar to 2012 concentrations (average 2,255 µg/L).

#### Miscellaneous Parameters

Throughout 2013, decreases in concentrations of ammoniacal nitrogen, chloride and potassium were noted. An elevated concentration of CEM (200 mg/L) was recorded in Q2 2013. CEM was below the MRL in groundwater at well MW4S in Q3 and Q4 2013.

**MW5** VOCs In 2013, VOCs were not detected in groundwater at well MW5 above MRLs.

Hydrocarbons DRO and GRO were not detected above MRLs throughout 2013.

#### Miscellaneous Parameters

Concentrations of major ions remained low and below relevant assessment criteria throughout 2013.