

**Facility Information Summary**

AER Reporting Year	2013
Licence Register Number	W0055-02
Name of site	SRCL Ltd.
Site Location	420-430 Beech Rd, Western Industrial Estate, Naas Road, Dublin
NACE Code	3821
Class/Classes of Activity	Treatment and disposal on non-hazardous waste
National Grid Reference (6E, 6 N)	-6.3626 53.3218

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 **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.**

The activities carried out at the facility involve the treatment of healthcare and related wastes through shredding and disinfection. There was no significant change in production during the reporting period when compared to the previous year. There were no non-compliances issued in the EPA audit of 22.03.2013. There were no exceedances of ELVs during the reporting year.

**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.

Rachel Griffith	28/03/2014
Signature	Date
Group/Facility manager (or nominated, suitably qualified and experienced deputy)	

<b>AIR-summary template</b>	Lic No: W0055-02	Year: 2013	
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Answer all questions and complete all tables where relevant

	Additional information
Yes	

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 licensed emissions and do not complete a solvent management plan (table A4 and A5) you do not need to complete the tables

**Periodic/Non-Continuous Monitoring**

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

**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
A2.1	Volume flow rate	Bi-annual	700	100 % of values < ELV	275	m <sup>3</sup> /h	yes	BS EN 13649:3002	N/A	
A2.1	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.019	Kg/h	yes	BS EN 13649:3002	100.73	
A2.2	Volume flow rate	Bi-annual	500	100 % of values < ELV	358	m <sup>3</sup> /h	yes	BS EN 13649:3002	N/A	
A2.2	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.084	Kg/h	yes	BS EN 13649:3002	339.6	
A2.3	Volume flow rate	Bi-annual	700	100 % of values < ELV	170	m <sup>3</sup> /h	yes	BS EN 13649:3002	N/A	
A2.3	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.031	Kg/h	yes	BS EN 13649:3002	269.29	
A2.1	TVC	Bi-annual	2000	100 % of values < ELV	825	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	N/A	
A2.1	Fungal spores	Bi-annual	2000	100 % of values < ELV	158	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	N/A	
A2.2	TVC	Bi-annual	2000	100 % of values < ELV	650	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	N/A	
A2.2	Fungal spores	Bi-annual	2000	100 % of values < ELV	25	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	N/A	
A2.3	TVC	Bi-annual	2000	100 % of values < ELV	1133	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	N/A	
A2.3	Fungal spores	Bi-annual	2000	100 % of values < ELV	58	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	N/A	

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A2.5	TVC	Bi-annual	2000	100 % of values < ELV	1870	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	N/A
A2.5	Fungal spores	Bi-annual	2000	100 % of values < ELV	283	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	N/A
A2.1	Volume flow rate	Bi-annual	700	100 % of values < ELV	246	m <sup>3</sup> /h	yes	BS EN 13649:3002	
A2.1	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.011	Kg/h	yes	BS EN 13649:3002	
A2.2	Volume flow rate	Bi-annual	500	100 % of values < ELV	200	m <sup>3</sup> /h	yes	BS EN 13649:3002	
A2.2	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.016	Kg/h	yes	BS EN 13649:3002	
A2.3	Volume flow rate	Bi-annual	700	100 % of values < ELV	273	m <sup>3</sup> /h	yes	BS EN 13649:3002	
A2.3	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.047	Kg/h	yes	BS EN 13649:3002	
A2.1	TVC	Bi-annual	2000	100 % of values < ELV	1592	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	
A2.1	Fungal spores	Bi-annual	2000	100 % of values < ELV	67	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	
A2.2	TVC	Bi-annual	2000	100 % of values < ELV	83	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	
A2.2	Fungal spores	Bi-annual	2000	100 % of values < ELV	<25	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	
A2.3	TVC	Bi-annual	2000	100 % of values < ELV	538	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	
A2.3	Fungal spores	Bi-annual	2000	100 % of values < ELV	<25	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	
A2.5	TVC	Bi-annual	2000	100 % of values < ELV	208	cfu/m <sup>3</sup>	yes	Air sampler, ISO4833.2003	
A2.5	Fungal spores	Bi-annual	2000	100 % of values < ELV	83	cfu/m <sup>3</sup>	yes	Air sampler, ISO21527-1.2008	
	SELECT			SELECT		SELECT	SELECT	SELECT	

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

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)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below

**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 exceedances in current reporting year	Comments
	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**

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



Yes	Licensed emissions direct to sewer.
No	

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

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

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*	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	No	Additional Information
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

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

Emission reference no.	Emission released to	Parameter/ Substance/Vol 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof?	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
SE-1	Sewer	volumetric flow	composite	Monthly	Quarterly	20	15.67	m <sup>3</sup> /day	yes	Other (please	Water meter	Manufacturers	3979000	
SE-1	Sewer	pH	composite	Monthly	Quarterly	6.0 - 10.0	8.3	units	yes	Other (please	pH Meter	Manufacturers	N/A	
SE-1	Sewer	Temperature	composite	Monthly	Quarterly	42	<	°C	yes	Other (please	Temp. Probe	Manufacturers	N/A	
SE-1	Sewer	BOD	composite	Monthly	Quarterly	1000	213	mg/L	yes	Dissolved Oxygen	APHA / AWWA	APHA	788.84	
SE-1	Sewer	COD	composite	Monthly	Quarterly	3000	546	mg/L	yes	Titration	APHA / AWWA	APHA 5520D 2005	2034.26	
SE-1	Sewer	Suspended Solids	composite	Monthly	Quarterly	500	97	mg/L	yes	Gravimetric analysis	APHA / AWWA	APHA 5520D 2005	381.98	
SE-1	Sewer	MBAS	composite	Monthly	Quarterly	100	<0.20	mg/L	yes	Colorimetry	Hach kit	Hach kit Dc-2	<0.2	
SE-1	Sewer	OFG	composite	Monthly	Quarterly	100	17	mg/L	yes	Gravimetry	APHA / AWWA	MEWAM 1980	41.46	
SE-1	Sewer	Total Coliforms	composite	Monthly	Quarterly	none	993	cfu/100ml	yes	Selective medium	ISO 4832:2006	ISO 4832:2006	N/A	
SE-1	Sewer	Faecal Coliforms	composite	Monthly	Quarterly	none	<10	cfu/100ml	yes	Selective medium	ISO 16649-201	ISO 16649-201	N/A	
SE-1	Sewer	Enterococci	composite	Monthly	Quarterly	none	0	cfu/100ml	yes	Selective medium	ISO 16649-201	ISO 16649-201	N/A	
SE-1	Sewer	Pseudomonas aeruginosa	composite	Monthly	Quarterly	none	378	cfu/100ml	yes	Selective medium	ISO 16266:2006	ISO 16266:2006	N/A	
SE-1	Sewer	Staphylococcus aureus	composite	Monthly	Quarterly	none	1.6	cfu/100ml	yes	Selective medium	ISO 16266:2006	ISO 16266:2006	N/A	
SE-1	Sewer	volumetric flow	composite	Monthly	Quarterly	20	15.33	m <sup>3</sup> /day	yes	Other (please	Water meter	ISO 6888-1:1999	N/A	
SE-1	Sewer	pH	composite	Monthly	Quarterly	6.0 - 10.0	7.2	units	yes	Other (please	pH Meter			
SE-1	Sewer	Temperature	composite	Monthly	Quarterly	42	<	°C	yes	Other (please	Temp. Probe	APHA / AWWA		
SE-1	Sewer	BOD	composite	Monthly	Quarterly	1000	229	mg/L	yes	Dissolved Oxygen	APHA / AWWA	APHA / AWWA		
SE-1	Sewer	COD	composite	Monthly	Quarterly	3000	427	mg/L	yes	Titration	APHA / AWWA	APHA / AWWA		
SE-1	Sewer	Suspended Solids	composite	Monthly	Quarterly	500	101	mg/L	yes	Gravimetric analysis	APHA / AWWA	APHA / AWWA		
SE-1	Sewer	MBAS	composite	Monthly	Quarterly	100	<0.20	mg/L	yes	Colorimetry	Hach kit	Hach kit		
SE-1	Sewer	OFG	composite	Monthly	Quarterly	100	11	mg/L	yes	Gravimetry	APHA / AWWA	APHA / AWWA		

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)												
		Lic No: W0055-02		Year 2013								
SE-1	Sewer	Total Coliforms	composite	Monthly	Quarterly	none	none	33444	cfu/100ml	yes	Selective medium	ISO 4832:2006
SE-1	Sewer	Faecal Coliforms	composite	Monthly	Quarterly	none	none	843	cfu/100ml	yes	Selective medium	ISO 16649-201
SE-1	Sewer	Enterococci	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	Practical
SE-1	Sewer	Pseudomonas aeruginosa	composite	Monthly	Quarterly	none	none	12666	cfu/100ml	yes	Selective medium	ISO16266:2006
SE-1	Sewer	Staphylococcus aureus	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	ISO6888-1:1999
SE-1	Sewer	volumetric flow	composite	Monthly	Quarterly	20	All results < 1.2 x ELV	14.92	m3/day	yes	Water meter	pH Meter
SE-1	Sewer	pH	composite	Monthly	Quarterly	6.0 - 10.0	within range	7.1	units	yes	Other (please	Temp. Probe
SE-1	Sewer	Temperature	composite	Monthly	Quarterly	42	<		°C	yes	Other (please	Temp. Probe
SE-1	Sewer	BOD	composite	Monthly	Quarterly	1000	All results < 1.2 x ELV	169	mg/L	yes	Dissolved Oxygen	APHA / AWWA
SE-1	Sewer	COD	composite	Monthly	Quarterly	3000	All results < 1.2 x ELV	603	mg/L	yes	Titration	APHA / AWWA
SE-1	Sewer	Suspended Solids	composite	Monthly	Quarterly	500	All results < 1.2 x ELV	81	mg/L	yes	Gravimetric analysis	APHA / AWWA
SE-1	Sewer	NBAS	composite	Monthly	Quarterly	100	All results < 1.2 x ELV	<0.20	mg/L	yes	Colorimetry	Hach Kit
SE-1	Sewer	OFG	composite	Monthly	Quarterly	100	All results < 1.2 x ELV	5	mg/L	yes	Gravimetry	APHA / AWWA
SE-1	Sewer	Total Coliforms	composite	Monthly	Quarterly	none	none	33444	cfu/100ml	yes	Selective medium	ISO 4832:2006
SE-1	Sewer	Faecal Coliforms	composite	Monthly	Quarterly	none	none	843	cfu/100ml	yes	Selective medium	ISO 16649-201
SE-1	Sewer	Enterococci	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	Practical
SE-1	Sewer	Pseudomonas aeruginosa	composite	Monthly	Quarterly	none	none	12666	cfu/100ml	yes	Selective medium	ISO16266:2006
SE-1	Sewer	Staphylococcus aureus	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	ISO6888-1:1999
SE-1	Sewer	volumetric flow	composite	Monthly	Quarterly	20	All results < 1.2 x ELV	15.33	m3/day	yes	Other (please	Water meter
SE-1	Sewer	pH	composite	Monthly	Quarterly	6.0 - 10.0	within range	7.3	units	yes	Other (please	pH Meter
SE-1	Sewer	Temperature	composite	Monthly	Quarterly	42	<		°C	yes	Other (please	Temp. Probe
SE-1	Sewer	BOD	composite	Monthly	Quarterly	1000	All results < 1.2 x ELV	162	mg/L	yes	Dissolved Oxygen	APHA / AWWA
SE-1	Sewer	COD	composite	Monthly	Quarterly	3000	All results < 1.2 x ELV	469	mg/L	yes	Titration	APHA / AWWA
SE-1	Sewer	Suspended Solids	composite	Monthly	Quarterly	500	All results < 1.2 x ELV	105	mg/L	yes	Gravimetric analysis	APHA / AWWA
SE-1	Sewer	NBAS	composite	Monthly	Quarterly	100	All results < 1.2 x ELV	<0.20	mg/L	yes	Colorimetry	Hach Kit
SE-1	Sewer	OFG	composite	Monthly	Quarterly	100	All results < 1.2 x ELV	8.66	mg/L	yes	Gravimetry	APHA / AWWA
SE-1	Sewer	Total Coliforms	composite	Monthly	Quarterly	none	none	33444	cfu/100ml	yes	Selective medium	ISO 4832:2006
SE-1	Sewer	Faecal Coliforms	composite	Monthly	Quarterly	none	none	843	cfu/100ml	yes	Selective medium	ISO 16649-201
SE-1	Sewer	Enterococci	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	Practical
SE-1	Sewer	Pseudomonas aeruginosa	composite	Monthly	Quarterly	none	none	12666	cfu/100ml	yes	Selective medium	ISO16266:2006
SE-1	Sewer	Staphylococcus aureus	composite	Monthly	Quarterly	none	none	0	cfu/100ml	yes	Selective medium	ISO6888-1:1999

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

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

**Continuous monitoring**

5 Does your site carry out continuous emissions to water/sewer monitoring?

Yes	Additional Information pH and temperature
-----	----------------------------------------------

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

No
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7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

Yes
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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 exceedances in reporting year	Comments
SE1	Wastewater/Sewer	pH	6 - 10	Monthly	No pH value shall deviate from the specified range	pH units	All results within range	0	0	0	
SE1	Wastewater/Sewer	Temperature	<42	Monthly	No temperature value shall exceed the limit value.	degrees C	All results below limit	0	0	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



**Bund/Pipeline testing template**

Lic No: WOODS-02 Year: 2013

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

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 licensed 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"

3. Type units and mobile bunds

4. How many bunds are on site?

5. How many of these bunds have been tested within the required test schedule?

6. How many mobile bunds are on site?

7. Are the mobile bunds included in the bund test schedule?

8. How many of these mobile bunds have been tested within the required test schedule?

9. How many sumps on site are included in the integrity test schedule?

10. 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?

**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		

\* Capacity required should comply with 25% or 110% containment due 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/FEPA Guidance?  
 15. Are channels/transfer systems to remote containment systems tested?  
 17. Are channels/transfer systems compliant in both integrity and available volume?

**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

2. Please provide integrity testing frequency period

\*Please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type Integrity testing	Integrity reports maintained on site?	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				

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

		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	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 interpretation 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	no	
<p>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.</p>			
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT	N/A
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
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 assessment been carried out for the site?	yes	
10	Has a Conceptual Site Model been developed for the site?	no	
11	Have potential receptors been identified on and off site?	yes	
12	Is there evidence that contamination is migrating offsite?	no	Please enter interpretation of data here

**Table 1: Upgradient Groundwater monitoring results**

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	GTV's*	Upward trend in pollutant concentration over last 5 years of monitoring data
						SELECT	SELECT**	SELECT
						SELECT		SELECT

.\* 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	GTV's*	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
						SELECT	SELECT**	SELECT
						SELECT		SELECT

**Groundwater/Soil monitoring template**

Lic No: W0055-02 Year 2013

\*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 (GTV's standards) 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:

W0055-02

Year

2013

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

		Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;
2	ELRA review status	Review required and completed
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify € 178,861.80
4	Financial Provision for ELRA status	Required but not submitted
5	Financial Provision for ELRA - amount of cover	Specify N/A
6	Financial Provision for ELRA - type	SELECT N/A
7	Financial provision for ELRA expiry date	Enter expiry date N/A
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	Required but not submitted
11	Financial Provision for Closure - amount of cover	Specify N/A
12	Financial Provision for Closure - type	SELECT N/A
13	Financial provision for Closure expiry date	Enter expiry date N/A

Highlighted cells contain dropdown menu click to view

	Additional Information
1 Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes SRCL Group Objectives and Targets.
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
Waste reduction/Raw material usage efficiency	Zero Waste to Landfill	100	All waste from Dublin sites div	Section Head	Improved Environmental Management Practices
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT

**Noise monitoring summary report**

Lic No: W0055-02 Year 2013

1. Was noise monitoring a licence requirement for the AER period?  
If yes please fill in table N1 noise summary below

No

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?

SELECT

3. Does your site have a noise reduction plan

SELECT

4. When was the noise reduction plan last updated?

Enter date

5. Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

SELECT

**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 site compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT

\*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?

SELECT

\*\* please explain the reason for not taking action/resolution of noise issues?

Any additional comments? (less than 200 words)

Additional information	
09/07/2013	
Yes	SEAI Client no. 2907
SELECT	Not applicable

- When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below  
 SEAI - Large  
 Industry Energy Network (LIEN)
- 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  
 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information
- 

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)	462	437	-1.90%	17%
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	462	437		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)	2155	1684		
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 use	Water extracted		Water Emissions		Water Consumption	
	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Volume Discharged back to environment(m <sup>3</sup> /yr)	Volume discharged i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater						
Surface water						
Public supply	4160	3979	-1.90%	Unknown	Unknown	
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

Table R3 Waste Stream Summary			
	Landfill	Incineration	Other
Total	8151.02		8151.02
Hazardous (Tonnes)			
Non-Hazardous (Tonnes)			



**Resource Usage/Energy efficiency summary**

Lic No: W0055-02		Year		2013				
Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures - energy audit	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
09/07/2013	Boiler- minimise flash	minimise flash steam	SELECT	€ 4,814		JM/BB		Planning
			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	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				



**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

Additional Information

Yes	
No	

No	
No	

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)	EMC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EMC code <a href="#">European Waste Catalogue EMC 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 -
15,000	18 01 03	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)	healthcare risk waste for treatment	81,33.84	8303.62		Commercial reasons	N/A	R3-Recycling/reclamation or orga	0	
	18 02 02	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)	healthcare risk waste for treatment (from animal healthcare	17.18	13.56		Commercial reasons	N/A	R3-Recycling/reclamation or orga	0	

**SECTION C- TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES**

4. Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

Yes	
Yes	

5. Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site

Yes	
Yes	
N/A	

6. Does your facility have relevant nuisance controls in place?

7. Do you have an odour management system in place for your facility? If no why?

8. Do you maintain a sludge register on site?

**SECTION D- TO BE COMPLETED BY LANDFILL SITES ONLY**

**Table 2 Waste type and tonnage-landfill only**



Table 4 Environmental monitoring-landfill only

Was meteorological monitoring in compliance with Landfill Directive (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?	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under SS3(A)(5) of WMA been submitted in reporting year	Comments
Was leachate monitored in compliance with LD standard in reporting year?						

\* 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 with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
SELECT UNIT	SELECT UNIT	Area capped other			

\*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?  
 10 Is leachate released to surface water? if yes please complete leachate mass load information below

SELECT
SELECT

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)	Specify type of leachate treatment	Comments
					Leachate treatment on-site	

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 Capture & 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



Guidance to completing the PRTR workbook

# AER Returns Workbook

Version 1.1.1

REFERENCE YEAR 2013

1. FACILITY IDENTIFICATION	
Parent Company Name	SRCL Limited
Facility Name	SRCL Limited
PRTR Identifier	W0256_2013_06
License Number	W0256-02

Waste or IPPC Class of Activity	No.	Class Name
3.7	#####	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	#####	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.
3.13	#####	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced. Recycle or reclamation of waste by means of biological treatment or solvents (including composting and other biological transformation processes).
4.2	#####	Recycling or reclamation of metals and metal compounds.
4.3	#####	Recycling or reclamation of other inorganic materials.
4.4	#####	Use of any waste principally as a fuel or other means to generate energy.
4.5	#####	#####
Address 1	100/10 Beach Road	
Address 2	Western Industrial Estate	
Address 3	Naas Road	
Address 4	Dublin 12	
Country	Ireland	
Coordinates (lat/long)	53.3218 / -6.167	
River Basin District (RBD)	S321	
NACE Code	3821	
Main Economic Activity	Treatment and disposal of non-hazardous waste	
AER Returns Contact Name	Rachel Griffin	
AER Returns Contact Email Address	rgriffin@srcl.com	
AER Returns Contact Position	Environmental Manager	
AER Returns Contact Mobile Phone Number	0047827350738	
AER Returns Contact Fax Number	N/A	
Production Volume	0.0	
Production Volume Units	0	
Operating Hours in Year	0	
Number of Employees	48	
User Feedback/Comments	Cause of variance in emissions unknown. Based on monthly samples over 24 hour period. No change to operations.	
Web Address	www.srcl.ie	

2. PRTR CLASS ACTIVITIES	
Activity Name	Installations for the recovery or disposal of hazardous waste
5(a)	Installations for the disposal of non-hazardous waste
5(c)	General
50.1	General
3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)	is it applicable? No
Have you been granted an exemption? No	
If applicable which activity class applies (as per Schedule 2 of the regulations)?	
Is the reduction scheme compliance route being used?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE	
Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	
1) Yes	
2) No	

Guidance on waste imported/accepted onto site  
 This question is only applicable if you are an IPPC or Quarry site

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS		RELEASES TO AIR					
No. Annex II	POLLUTANT	M/C/E	METHOD		QUANTITY		
			Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	F (Fugitive) KG/Year
	Name9				0.0	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		RELEASES TO AIR					
No. Annex II	POLLUTANT	M/C/E	METHOD		QUANTITY		
			Method Code	Designation or Description	Emission Point 1	A (Accidental) KG/Year	F (Fugitive) KG/Year
	Name				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)		RELEASES TO AIR					
Pollutant No	Name	M	METHOD		QUANTITY		
			Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3
237	Volatile organic compounds (as TOC)	M	AL.T	EN12619	100.73	339.6	269.29
					100.73	100.73	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 (Total) KG/yr for Section A; Sector specific PRTR pollutants above. Please complete the table below:

Total estimated methane generation (as per site model)	Methane flared	Methane utilised in engine/s	Net methane emission (as reported in Section A above)	Method Used		Facility Total Capacity m3 per hour
				M/C/E	Designation or Description	
T (Total) kg/Year	0.0	0.0	0.0			N/A
	0.0	0.0	0.0			N/A
	0.0	0.0	0.0			N/A

SRCL Limited

Please enter summary data on the quantities of methane flared and / or utilised

## 4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

### SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

### SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

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

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

RELEASES TO WATERS	
POLLUTANT	
Pollutant No.	Name

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



**Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should Not**

**Please enter all quantities in this section in KGs**

		Method Used		Emission Point 1	T (Total) KG/Year
M/C/E	Method Code	Designation or Description			
				0.0	0.0

) then click the delete button

**Please enter all quantities in this section in KGs**

		Method Used		Emission Point 1	T (Total) KG/Year
M/C/E	Method Code	Designation or Description			
				0.0	0.0

) then click the delete button

**Please enter all quantities in this section in KGs**

		Method Used		Emission Point 1	T (Total) KG/Year
M/C/E	Method Code	Designation or Description			
				0.0	0.0

) then click the delete button

OT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER		METHOD		Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Code	Method Used	SE-1 Emission Point 1	T (Total) KG/Year	QUANTITY
76	Total organic carbon (TOC) (as total C or COD/3)	M	ALT	HACH Method		678.09	A (Accidental) KG/Year   F (Fugitive) KG/Year
						678.09	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		METHOD		Please enter all quantities in this section in KGs			
Pollutant No	Name	M/C/E	Method Code	Method Used	SE-1 Emission Point 1	T (Total) KG/Year	QUANTITY
303	BOD	M	ALT	Dissolved Oxygen Meter		788.84	A (Accidental) KG/Year   F (Fugitive) KG/Year
305	COD	M	ALT	HACH Method		2034.96	0.0   0.0
240	Suspended Solids	M	ALT	Gravimetric analysis		381.98	0.0   0.0
308	Detergents (as MBAS)	M	ALT	HACH Test Kit		0.0	0.0   0.0
314	Fats, Oils and Greases	M	ALT	Soxhlet Method		41.46	0.0   0.0
						788.84	0.0   0.0
						2034.96	0.0   0.0
						381.98	0.0   0.0
						0.0	0.0   0.0
						41.46	0.0   0.0

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

#### 4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

#### SECTION A : PRTR POLLUTANTS

POLLUTANT		RELEASES TO LAND
No. Annex II	Name	

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

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

POLLUTANT		RELEASES TO LAND
Pollutant No.	Name	

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

METHOD			Please enter all quantities	
M/C/E	Method Code	Designation or Description	Emission Point 1	
				0.0

) then click the delete button

METHOD			Please enter all quantities	
M/C/E	Method Code	Designation or Description	Emission Point 1	
				0.0

) then click the delete button

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

[ FIRM: W0065 ] [ Facility Name: SRCL Limited ] [ Filename: W0065\_2013.xls ] [ Return Year: 2013 ]

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	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)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
To Other Countries	18 01 03	Yes	313.05	wastes whose collection and disposal is subject to special requirements in order to prevent infection	D15	M	Weighted	Abroad	Eco-safe Systems Ltd, W0054-02	Unit 1A Allied Industrial Estate, Kylemore Road Ballyfermot, Dublin 10, Ireland	SRCL Ltd, CP 393OX, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	0.0	hazardous wastes composed only of non-premixed wastes	D5	M	Weighted	Offsite in Ireland	Greenstar Ballynagran Landfill, W0165-01	Coolbeg , ,Co. Wicklow, ,Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	0.0	hazardous wastes composed only of non-premixed wastes	D5	M	Weighted	Offsite in Ireland	Wicklow County Council Rampere Landfill, W0066-02	Ballinglass, , ,Co. Wicklow, ,Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	0.0	hazardous wastes composed only of non-premixed wastes	D15	M	Weighted	Offsite in Ireland	Panda (formerly Greenstar), W0039-02	Ballymount Cross, , ,Dublin 22, Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	0.0	hazardous wastes composed only of non-premixed wastes	D15	M	Weighted	Offsite in Ireland	Oxigen Environmental Ltd., W0208-01	Merrymell Industrial Estate, Ballymount Road Lower, ,Dublin 22, Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	0.0	hazardous wastes composed only of non-premixed wastes	D5	M	Weighted	Offsite in Ireland	Drehid Waste Management Facility, W0201-03	Carbury, , ,Co. Kildare, Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	6263.82	hazardous wastes composed only of non-premixed wastes	R1	M	Weighted	Offsite in Ireland	Lagan Cement, P0487-05	Road, ,Kinead, Co. Meath, Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom
Within the Country	19 02 03	No	2328.27	hazardous wastes composed only of non-premixed wastes	R1	M	Weighted	Offsite in Ireland	Indaver Ltd., W0167-02	Carranstown, , ,Co. Meath, Ireland	, ,Leeds, , United Kingdom	, ,Leeds, , United Kingdom

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

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