

Facility Information Summary	
AER Reporting Year	2018
Licence Register Number	W0055-02
Name of site	SRCL Ltd.
Site Location	420-430 Beech Road, Western Industrial Estate, Dublin 12.
NACE Code	3821
Class/Classes of Activity	Treatment and disposal of non-hazardous waste
National Grid Reference (6E, 6 N)	-6.362653322
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.	<p>The activities carried out at the facility involve the treatment of healthcare and related waste through shredding and disinfection. There was no significant change in production during the reporting period when compared to the previous year.</p> <p>There were no non-compliances raised in the EPA Audit on 31.05.2018.</p> <p>There was one reported incident in 2018, spore strip results submitted for external tests on the 03/07/18 indicate 2no. fails on line 1. In house results for testing completed on the same day indicated a pass.</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.

Elaine Casey	15/04/2018
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template	Lic No: W0055-02	Year: 2018
-----------------------------	------------------	------------

Answer all questions and complete all tables where relevant

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 licensed emissions and do not complete a solvent management plan (table A4 and A5) you <u>do not</u> need to complete the tables	Additional information	
	Yes	

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	No	
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	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
A2.1	Volumetric flow	Bi-annual	700	100 % of values < ELV	298	m ³ /hr	SELECT	EN ISO 16911-1	n/a	
A2.1	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.055	kg/hour	SELECT	EN 12619:2013	333.96	
A2.2	Volumetric flow	Bi-annual	500	100 % of values < ELV	281.5	m ³ /hr	SELECT	EN ISO 16911-1	n/a	
A2.2	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.06	kg/hour	SELECT	EN 12619:2013	364.32	
A2.3	Volumetric flow	Bi-annual	700	100 % of values < ELV	395	m ³ /hr	SELECT	EN ISO 16911-1	n/a	
A2.3	Total VOCs	Bi-annual	0.1	100 % of values < ELV	0.015	kg/hour	SELECT	EN 12619:2013	91.08	
A2.1	TVC	Bi-annual	2000	100 % of values < ELV	222.5	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.1	Fungal Spores	Bi-annual	2000	100 % of values < ELV	572.5	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.2	TVC	Bi-annual	2000	100 % of values < ELV	92.5	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.2	Fungal Spores	Bi-annual	2000	100 % of values < ELV	850	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.3	TVC	Bi-annual	2000	100 % of values < ELV	150	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.3	Fungal Spores	Bi-annual	2000	100 % of values < ELV	367.5	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.5	TVC	Bi-annual	2000	100 % of values < ELV	285	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	
A2.5	Fungal Spores	Bi-annual	2000	100 % of values < ELV	902.5	cfu/m ³	yes	Air Sampler, ISO21527-1 2008	n/a	

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

AIR-summary template	Lic No:	W0055-02	Year	2018
Continuous Monitoring				

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

No	
SELECT	
SELECT	
SELECT	

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

For inspection purposes only. Consent of copyright owner required for any other use.

AIR-summary template		Lic No: W0055-02	Year: 2018	
Solvent use and management on site				
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5			SELECT	
Table A4: Solvent Management Plan Summary		Please refer to linked solvent regulations to complete table 5 and 6		
Total VOC Emission limit value		Solvent regulations		
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	
			Total Emission Limit Value (ELV) in licence or any revision thereof	
			Compliance	
			SELECT	
			SELECT	
Table A5: Solvent Mass Balance summary				
	(I) Inputs (kg)	(O) Outputs (kg)		
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)
				Total

For inspection purposes only. Consent of copyright owner required for any other use.

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

No	Additional information
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

External/Internal Lab Quality Assessment of results checklist

No	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 ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)
SE-1	Wastewater/Sewer	volumetric flow	composite	Monthly	Annual	20	All values < 1.2 x ELV	17.86	m3/day	yes	Instrumental Methods	Water Meter	Manufacturer method	5591223
SE-1	Wastewater/Sewer	pH	composite	Monthly	Annual	6.0 - 10.0	No pH value shall deviate from the specified range.	7.58	pH units	yes	pH Meter (Electrode)	pH meter	Manufacturer method	N/A
SE-1	Wastewater/Sewer	Temperature	composite	Monthly	Annual	42	Not exceed	19.86	degrees C	yes	Temp prob	Temp prob	Manufacturer method	N/A
SE-1	Wastewater/Sewer	BOD	composite	Monthly	Annual	1000	All values < 1.2 x ELV	169.29	mg/L	yes	Dissolved Oxygen Meter	APHA/AWWA "Standard Methods"	MEWAM 1988 APHA 52104 500C 2005	946.51
SE-1	Wastewater/Sewer	COD	composite	Monthly	Annual	3000	All values < 1.2 x ELV	286.54	mg/L	yes	Titration	APHA/AWWA "Standard Methods"	MEWAM 1988 APHA 5520D 2005	1602.08
SE-1	Wastewater/Sewer	Suspended Solids	composite	Monthly	Annual	500	All values < 1.2 x ELV	26.77	mg/L	yes	Gravimetric Analysis	APHA/AWWA "Standard Methods"	MEWAM 1988 APHA 25400	149.68
SE-1	Wastewater/Sewer	Detergents (as MBAS)	composite	Monthly	Annual	100	All values < 1.2 x ELV	0.15	mg/L	yes	Hach Kit	Hach Kit De-2	Hach Kit De-2	0.15
SE-1	Wastewater/Sewer	Fats, Oils and Greases	composite	Monthly	Annual	100	All values < 1.2 x ELV	7.2	mg/L	yes	Gravimetric Analysis	APHA 5520D, 2005	APHA 550D, 2005	40.26
SE-1	Wastewater/Sewer	Total Coliforms	composite	Monthly	Annual	None	None	196.58	CFU/100ml	yes	ISO 4832:2006	ISO 4832:2006	ISO 4832:2006	N/A
SE-1	Wastewater/Sewer	Faecal Coliforms	composite	Monthly	Annual	None	None	0	CFU/100ml	yes	ISO 16649:201	ISO 16649:201	ISO 16649:201	N/A
SE-1	Wastewater/Sewer	Enterococci	composite	Monthly	Annual	None	None	0	CFU/100ml	yes	Selective Medium	P160	P160	N/A
SE-1	Wastewater/Sewer	Pseudomonas aeruginosa	composite	Monthly	Annual	None	None	2293.08	CFU/100ml	yes	Selective Medium	ISO 16266:2006	ISO 16266:2006	N/A
SE-1	Wastewater/Sewer	Staphylococcus aureus	composite	Monthly	Annual	None	None	1.5	CFU/100ml	yes	Selective Medium	ISO6888-1:1999	ISO6888-1:1999	N/A

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

Copyright For inspection purposes only. Copyright owner required for any other use.

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

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

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below
 No

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
SE-1	Wastewater/Sewer	pH	6 - 10	Monthly	No pH value shall deviate from the specified range	pH units	All results within range				
SE-1	Wastewater/Sewer	Temperature	<42	Monthly	No temperature value shall exceed the limit value	degrees C	All results within range				

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

For inspection purposes only. Consent of copyright owner required for any other use.

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?
- 10 **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	
7	
7	
7	
Yes	
7	
0	
0	
N/A	
N/A	
N/A	

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)
13475	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass		SELECT	01/03/2020	
13476	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	
13477	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	
13478	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	
13479	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	
13480	prefabricated	Moulded	Drummed liquids	250l	220l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	
13717	prefabricated	Steel welded	Liquids in cans/bottles	60l	30l (110%)	Other (please specify)	Hydrostatic	02/03/2017	Yes	Pass			01/03/2020	

*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? [bundling 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?

Yes	
SELECT	
SELECT	

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 of all underground pipelines (as required under your licence)

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 of 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)
Foul Sewer	Foul	pvc	No	SELECT	Air	Yes	Pass			2020	SELECT
Surface water line	Storm	pvc	No		Air	Yes	Pass		Patch test repair on line at one point completed	2020	
Foul Sewer	Foul	pvc	No		CCTV	Yes	Pass			2020	
Surface water line	Storm	pvc	No		CCTV	Yes	Pass			2020	

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

Groundwater/Soil monitoring template	Lic No: W0055-02	Year: 2018
---	------------------	------------

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no
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
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 Groundwater monitoring 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)	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 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

Please enter interpretation of data here

For inspection purposes only.
Consent of copyright owner required for any other use.

Environmental Liabilities template		Lic No:	W0055-02	Year	2018
------------------------------------	--	---------	----------	------	------

[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	178,861.80	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	265,889.00	
6	Financial Provision for ELRA - type	Other please specify	Parent Company Guarantee
7	Financial provision for ELRA 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	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	87,028	
12	Financial Provision for Closure - type	Other please specify	Parent Company Guarantee
13	Financial provision for Closure expiry date	N/A	

Consent of copyright owner required for any other use.

Environmental Management Programme/Continuous Improvement Programme template Lic No: W0055-02 Year 2018

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 ISO14001, ISO9001 and OHSAS 18001 certified Business Management System maintained.
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	To achieve year on year growth in re-usable sharps container usage	100%	2018: 648 tonnes plastic saved	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Achieve and maintain 97% recovery for AT flock	100%	100% flock recovery	Section Head	Improved Environmental Management Practices
SELECT	To achieve year-on-year improvements in fuel economy from our commercial vehicle operations	100%	13.75 mpg	Section Head	Reduced emissions

For inspection purposes only. Consent of copyright owner required for any other use.

Noise monitoring summary report Lic No: W0055-02 Year 2018

- 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 _{eq}	LA ₉₀	LA ₁₀	LA _{max}	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)?
								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?

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0055-02

Year

2018

Additional information

- 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

NA	
SELECT	
SELECT	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	500	456	-8%	
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	500	456	-8%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)	221020	172,664	-28%	
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

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*	Water Emissions	Water Consumption	Unaccounted for Water:
					Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	
Groundwater							
Surface water							
Public supply	7586	6396			5590	806	
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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	10367.49				10367.49
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary Lic No: W0055-02 Year 2018

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					

For inspection purposes only.
Consent of copyright owner required for any other use.

Complaints and Incidents summary template Lic No: W0055-02 Year 2018

Complaints	Additional information
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	No

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year							
Total new complaints received during reporting year							
Total complaints closed during reporting year							
Balance of complaints end of reporting year							

Incidents	Additional information
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes

*For information on how to report and what constitutes an incident [What is an incident](#)

Date of occurrence	Incident nature	Location of occurrence	Incident category* please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of recurrence
03/07/2018	Breach of ELV	Spore strip failure Line 1	1. Minor	No Uncontrolled release	Plant or equipment issues		Normal activities	EPA	New	On-going monitoring as per Licence. Subsequent testing show no fails.	Refresher training to new Plant Manager on how to handle spore strips in lab	Complete	03/07/2018	Low
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of incidents current year		1												
Total number of incidents previous year		2												
% reduction/increase		50												

For inspection purposes only. Consent of copyright owner required for any other use.

WASTE SUMMARY	Lic No: W0055-02	Year: 2018
----------------------	------------------	------------

SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES [PRTR facility logon](#) dropdown list click to see options

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

Additional Information

1 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)

Yes	
-----	--

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

No	
----	--

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

No	
----	--

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	Hazardous	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes	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 -
	European Waste Catalogue EWC codes											
	180103	Yes	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	1029.89	9695.57	6%	commercial reasons	n/a	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		
15,000	180202	Yes	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)	70.6	61.97	12%	commercial reasons	n/a	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting asanother biological transformation processes)which includes gasification and pyrolysis		

Consent of Copyright owner required for any other use. For inspection purposes only.

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	
-----	--

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	
-----	--

6 Does your facility have relevant nuisance controls in place?

Yes	Carbon Filter, closed lid containers no odour complaints
-----	--

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

Yes	Carbon Filter, closed lid containers no odour complaints
-----	--

8 Do you maintain a sludge register on site?

N/A	
-----	--

Waste Summary Continued

List of Waste Entries (code and description): Please select from drop down menu.	Hazardous?	Detailed description of the waste	Quantity sent offsite (TONNES)	Name & Permit No. of Agent/Carrier	Next Destination	Authorisation number	Next destination country	Description of activities carried out at the next destination facility	Activities carried out at the NEXT destination: R/D-code	Other activities carried out at the NEXT destination (if applicable): R/D-code	Final Destination
18 01 03 - cytotoxic and cytostatic medicines	Yes	healthcare risk waste for disposal through incineration	532.97	NWCPQ-09-01178-03 SRCL Ltd	SRCL Ltd t/a Eco-Safe Systems Ltd	W0054	Ireland	Stored for transfer for ultimate incineration	D15 Storage pending disposal of waste	D10 Incineration plant (disposal) - hazardous waste	Indaver NV
19 02 03 - premixed wastes composed only of non-hazardous wastes	No	Processed healthcare waste - flock	724.26	NWCPQ-09-01233-02 Mediclean Hygiene Services	Indaver Ireland Ltd Carranstown	W0167	Ireland	incinerated on site	R1 Incineration plant (use as fuel) - non-hazardous waste		NA
19 02 03 - premixed wastes composed only of non-hazardous wastes	No	Processed healthcare waste - flock	3162.42	NWCPQ-09-01233-02 Mediclean Hygiene Services	Starrus Eco Holdings Ltd Millenium Business Park	W0183	Ireland	Bailed and transferred for recovery	R13 Storage pending recovery or recycling of waste	R1 Co-incineration plant - non-hazardous waste	Indaver Ireland Ltd Carranstown
19 02 03 - premixed wastes composed only of non-hazardous wastes	No	Processed healthcare waste - flock	3103.3	NWCPQ-09-01233-02 Mediclean Hygiene Services	Starrus Eco Holdings Ltd. Rathdrinagh Beauparc, Meath	W0140	Ireland	Bailed and transferred for recovery	R13 Storage pending recovery or recycling of waste	R1 Co-incineration plant - non-hazardous waste	Indaver Ireland Ltd Carranstown
19 02 03 - premixed wastes composed only of non-hazardous wastes	No	Processed healthcare waste - flock	4568.00	NWCPQ-09-01233-02 Mediclean Hygiene Services	Starrus Eco Holdings Ltd. Ballymount Cross Tallaght	W0039	Ireland	Bailed and transferred for recovery	R13 Storage pending recovery or recycling of waste	R1 Co-incineration plant - non-hazardous waste	Dublin Waste to Energy Limited
19 02 03 - premixed wastes composed only of non-hazardous wastes	No	Processed healthcare waste - flock	66.34	NWCPQ-09-01233-02 Mediclean Hygiene Services	Starrus Eco Holdings Ltd. Cappagh Road, Finglas	W0261	Ireland	Bailed and transferred for recovery	R13 Storage pending recovery or recycling of waste	R1 Co-incineration plant - non-hazardous waste	Dublin Waste to Energy Limited

For inspection purposes only.
Consent of copyright owner required for any other use.