


Facility Information Summary	
AER Reporting Year	2018
Licence Register Number	P0711-01
Name of site	Sherwin-Williams Ireland Coating Ltd.
Site Location	53 Robinhood Industrial Estate, Dublin 22
NACE Code	2030
Class/Classes of Activity	5.7
National Grid Reference (6E, 6 N)	710,160,731,432
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</b> listing all exceedances of licence limits (where	<p>The production of solvent and water based stains for the site decreased by 36% in 2018 compared to 2017. The Rexon was decomissioned in early 2018 and as a result, solvent and water based stains are now manually mixed. There has been a decrease in stain manufacturing due to the current market trend for painted kitchens and use of tinted products. Energy use was similar to that of 2017. There was an decrease of 97% in TA Luft Organics II and a 9% decrease in TA Luft Organics III in 2018 due to variances in emissions hour to hour, day to day. Overall air emissions from the site are within licence limit values.</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.

	31-07-19
Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

<b>AIR-summary template</b>	Lic No:	P0711-01	Year	2018
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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 <b>you do not have</b> licenced emissions and <b>do not complete a solvent management plan</b> (table A4 and A5) you <u>do not</u> need to complete the tables	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? <a href="#">Basic air monitoring checklist</a> <a href="#">AGN2</a>	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
Mre										
A2-1	TA Luft organic substances class 2	Annually	100mg/Nm3	Daily average < ELV	0.56 mg/Nm3		yes	EN 13649:2001	4.4	97% decrease. The concentraton of emissions can vary hour to hour, day to day depending on demand for product
A2-1	TA Luft organic substances class 3	Annually	150mg/Nm3	Daily average < ELV	0.56 mg/Nm3		yes	EN 13649:2001	4.4	9% decrease. The concentraton of emissions can vary hour to hour, day to day depending on demand for product
A2-1	Volumetric flow	Annually	3600Nm3/hr	Daily average < ELV	2643 Nm3/hour		yes	EN ISO 16911-1		

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

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Continuous Monitoring					

4

Does your site carry out continuous air emissions monitoring?

No

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

SELECT

6

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

SELECT

7

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

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	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

AIR-summary template		Lic No:	P0711-01		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					<div>No</div>			
Table A4: Solvent Management Plan Summary Total VOC Emission limit value			<div>Solvent regulations</div> <div>Please refer to linked solvent regulations to complete table 5 and 6</div>					
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 therof	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)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

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## AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

Lic No:

P0711-01

Year

2018

## Additional information

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

No

Only pH and COD analysis biannually of storm water point. No specific limits set in the IPPC licence for these parameters. pH results were satisfactory in 2018. COD results were higher than normal during the first period but this could be due to low flow/stagnant water in the drain from which SW1 is taken. COD results were low during the second period. The PRTR Parameter column in Table W1 does not contain pH and COD so results not reported for this reason.

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

SELECT

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

No

Additional information

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 checklist](#)

[Assessment of results checklist](#)

Yes

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 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	Annual mass load (kg)	Comments

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

## AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

Lic No:

P0711-01

Year

2018

## Continuous monitoring

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

No

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

SELECT

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

SELECT

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

SELECT

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
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

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<b>Bund/Pipeline testing template</b>	Lic No:	P0711-01	Year	2018	
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#### 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** and **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
- 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)
- 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?

Yes	
3 years	
Yes	
5	
5	
3	
Yes	
3	
0	
0	
SELECT	
SELECT	
SELECT	

**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)
Crusher Bund	prefabricated	Steel	Approx 30 empty paint tins	0.446m3	0.00375m3	Hydraulic test		26-11-16	Yes	Pass		SELECT		
Solvent Bund (NT Bund)	prefabricated	Steel	1 x 850l, 1 x 900l	1.643m3	0.99m3	Hydraulic test		24-10-06	Yes	Pass		SELECT		
Yellow Mobile Bund No. 1	prefabricated	Plastic	Approx 20 empty paint tins	0.1m3	0.0025m3	Hydraulic test		26-11-16	Yes	Pass		SELECT		
Yellow Mobile Bund No. 2	prefabricated	Plastic	Approx 20 empty paint tins	0.62m3	0.0025m3	Hydraulic test		26-11-16	Yes	Pass		SELECT		
Yellow Mobile Bund No. 3	prefabricated	Plastic	Approx 20 empty paint tins	0.504m3	0.0025m3	Hydraulic test		26-11-16	Yes	Pass		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

15 BS8007/EPA Guidance?

16 Are channels/transfer systems to remote containment systems tested?

17 Are channels/transfer systems compliant in both integrity and available volume?

[bunding and storage guidelines](#)

Yes	
SELECT	
SELECT	

Commentary

#### 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

1 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?	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

rise	SELECT		
	SELECT		
	SELECT		
	SELECT		
	SELECT		
	SELECT		
	SELECT		

Am tion+	Average Concentration+	unit	G
		SELECT	

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
							SELECT			SELECT
							SELECT			SELECT

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

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
							SELECT			SELECT
							SELECT			SELECT



Groundwater/Soil monitoring template		Lic No:	P0711-01	Year	2018															
<p>*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.</p>		<a href="#">Groundwater monitoring template</a>																		
<p>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)</p>		<a href="#">Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013)</a>																		
<p>**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)</p>		<table> <tr> <td><a href="#">Groundwater</a></td> <td><a href="#">Drinking water</a></td> <td></td> <td></td> <td></td> </tr> <tr> <td><a href="#">regulations</a></td> <td><a href="#">(private supply)</a></td> <td><a href="#">Drinking water (public</a></td> <td><a href="#">Interim Guideline</a></td> <td></td> </tr> <tr> <td><a href="#">water EQS</a></td> <td><a href="#">GTV's</a></td> <td><a href="#">standards</a></td> <td><a href="#">supply) standards</a></td> <td><a href="#">Values (IGV)</a></td> </tr> </table>				<a href="#">Groundwater</a>	<a href="#">Drinking water</a>				<a href="#">regulations</a>	<a href="#">(private supply)</a>	<a href="#">Drinking water (public</a>	<a href="#">Interim Guideline</a>		<a href="#">water EQS</a>	<a href="#">GTV's</a>	<a href="#">standards</a>	<a href="#">supply) standards</a>	<a href="#">Values (IGV)</a>
<a href="#">Groundwater</a>	<a href="#">Drinking water</a>																			
<a href="#">regulations</a>	<a href="#">(private supply)</a>	<a href="#">Drinking water (public</a>	<a href="#">Interim Guideline</a>																	
<a href="#">water EQS</a>	<a href="#">GTV's</a>	<a href="#">standards</a>	<a href="#">supply) standards</a>	<a href="#">Values (IGV)</a>																

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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

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Environmental Management Programme/Continuous Improvement Programme template			Lic No:	P0711-01	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	No				
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	SELECT				
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	10% decrease in solvent waste	80	Solvent waste decreased by 35% in 2018 when compared to 2017. Solvent contaminated hazardous waste rags, cloths and crushed cans where a significant contributor to solvent hazardous waste in 2018 due to the increase of tinting and repackaging of product from bulk containers at the site. Options will be investigated in 2019 into how the site can further reduce solvent waste.	Section Head	Increased compliance with licence conditions
Materials Handling/Storage/Bunding	Source additional storage bunding for containing product prior to dispatch.	10	Product is temporarily stored in the yard area of the site pending collection for dispatch. The site has began looking into sourcing/constructing a dispatch bund for product in the yard and hope to have measures in place by the end of 2019.	Section Head	Increased compliance with licence conditions
Waste reduction/Raw material usage efficiency	Continue to promote water based paints to customers in 2017.	40	The company continued to promote water based paints to customers in 2017 in order to expand its water based product sales from the site. However the purchase of solvent based paints and water based paints is customer driven, therefore no specific target amount is assigned.	Section Head	Increased compliance with licence conditions

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?

[Noise Guidance note NG4](#)  
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 <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?

SELECT

\*\* 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:

P0711-01

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
- 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
- 2 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information
- 3

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

2006	
No	
SELECT	

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)	211.93634	248.712		15%
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	84.59634	85.469		1%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (MWHrs)	127.504	163.243		22%
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
Groundwater						
Surface water						
Public supply	180	178		-1%		178
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)	17.864				
Non-Hazardous (Tonnes)	11.123				

<b>Resource Usage/Energy efficiency summary</b>	Lic No:	P0711-01	Year	2018
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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					

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<b>Complaints and Incidents summary template</b>	Lic No:	P0711-01	Year	2018
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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	

Table 1 Complaints summary							
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		No	

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

Table 2 Incidents summary														
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 reoccurrence
	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
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of incidents current year														
Total number of incidents previous year														
% reduction/increase														

WASTE SUMMARY			
Lic No:		P0711-01	Year 2018
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>		PRTR facility <a href="#">login</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 Please enter an accurate and detailed description - which applies to relevant EWC code <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 -
	<a href="#">European Waste Catalogue EWC codes</a>										

**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

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

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**

Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments

**Table 3 General information-Landfill only**

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8													

**Table 4 Environmental monitoring-landfill only** [Landfill Manual-Monitoring Standards](#)



WASTE SUMMARY								
			Lic No:		P0711-01		Year	
							2018	
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	

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## Waste Summary Continued

Please insert a copy of your Waste Management Record for waste transferred off site

Transfer Destination	European Waste Code	Hazardous	Quantity T/Year	Description of Waste
SRCL (W0054-02)	08 03 13	No	4.371	Water based paint/ink
Thorntons Recycling (WFP-DC-10-0021-02)	20 03 01	No	6.752	Mixed Muicipal Waste/Dry Mixed Recyclables
SRCL (W0054-02)	15 02 02*	Yes	8.023	Solvent contaminated rags and crushed cans
SRCL (W0054-02)	08 01 11*	Yes	8.193	UN 1993 IPA Solution
SRCL (W0054-02)	20 01 27*	Yes	0.256	Paint related material
SRCL (W0054-02)	16 05 07*	Yes	1.392	Aqueous wate not regulated for transport

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