

Facility Information Summary	
AER Reporting Year	2018
Licence Register Number	P0577-03
Name of site	ESB Poolbeg Generating Station
Site Location	Pigeon House Road, Ringsend, Dublin 4, D04 XD82
NACE Code	3511
Class/Classes of Activity	Class 2.1 - The operation of combustion installations with a rated thermal input to or greater than 50MW
National Grid Reference (6E, 6 N)	320825E, 233655N
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>Poolbeg Generating Station currently has a total electricity generating capacity of 470MW from a combined cycle gas turbine (CCGT) generating unit. The CCGT plant is made up of two gas turbines of 155 MWe each and a steam turbine of 170 MWe. The station is fired on natural gas from the national gas network and gas oil is stored as a secondary fuel which is normally only used for testing purposes and in times of grid system emergency.</p> <p>During 2018 ST16 returned from a forced outage 1st February. Combustion turbines CG14 and CG15 were available to run throughout 2018.</p> <p>Summary of Environmental Performance: Poolbeg maintains a certified Environmental Management System which is audited biannually, successful audits took place May 2018 and Jan 2019</p> <p>There were 2 x Complaints and 1 x reportable incidents in 2018, further details are provided later in this report. Poolbeg was compliant with licence conditions in relation to air and water emissions during 2018.</p> <p>Poolbeg also reports on CO2 emissions produced annually as per GHG requirements, CO2 emissions for 2018 were 273,154 tonnes vs 189,705 tonnes in 2017. Run hours for 2018 were 4,493 (CG14 = 3315 & CG15 = 1178) vs 5,104 in 2017.</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.

<p>John O'Connell</p> <p>HSEQ Manager</p>	 <p>27/04/2019</p>
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AIR-summary template Lic No: P0577-03 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** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Yes	Additional information
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Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

No	
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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	
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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
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

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AIR-summary template		Lic No:	P0577-03	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)	Yes	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes	Maintenance carried out by ESB staff.
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
A1-5 and A1-7	Nitrogen oxides (NOx/NO2)	50 (Gas)	Monthly average	Monthly average < ELV	mg/Nm3	148.54 tonnes	n/a		In compliance with licence Condition.	All data (except mass emissions) has been validated taking confidence intervals into account.
A1-5 and A1-7	Carbon Monoxide	100 (Gas)	Monthly average	Monthly average < ELV	mg/Nm3	24.95 tonnes	n/a	0	In compliance with licence Condition.	
A1- 6 and A1-8	Nitrogen oxides (NOx/NO2)	50 (Gas)	Monthly average	Monthly average < ELV	mg/Nm3	46.79 tonnes	n/a	0	In compliance with licence Condition.	
A1- 6 and A1-8	Carbon Monoxide	100 (Gas)	Monthly average	Monthly average < ELV	mg/Nm3	10.00 tonnes	n/a	0	In compliance with licence Condition.	
A1-5 and A1-7	Nitrogen oxides (NOx/NO2)	55 (Gas)	Validated daily mean	Daily average < 110 % of ELV	mg/Nm3			n/a	In compliance with licence Condition.	
A1-5 and A1-7	Carbon Monoxide	110 (Gas)	Validated daily mean	Daily average < 110 % of ELV	mg/Nm3			n/a	In compliance with licence Condition.	
A1- 6 and A1-8	Nitrogen oxides (NOx/NO2)	55 (Gas)	Validated daily mean	Daily average < 110 % of ELV	mg/Nm3			n/a	In compliance with licence Condition.	
A1- 6 and A1-8	Carbon Monoxide	110 (Gas)	Validated daily mean	Daily average < 110 % of ELV	mg/Nm3			n/a	In compliance with licence Condition.	
A1-5 and A1-7	Nitrogen oxides (NOx/NO2)	100 (Gas)	Validated hourly mean	95% of all the hourly mean values do not exceed 200% of the ELV.	mg/Nm3			n/a	In compliance with licence Condition.	
A1-5 and A1-7	Carbon Monoxide	200 (Gas)	Validated hourly mean	95% of all the hourly mean values do not exceed 200% of the ELV.	mg/Nm3			n/a	In compliance with licence Condition.	

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A1- 6 and A1-8	Nitrogen oxides (NOx/NO2)	100 (Gas)	Validated hourly mean	95% of all the hourly mean values do not exceed 200% of the ELV.	mg/Nm3		n/a	In compliance with licence Condition.
A1- 6 and A1-8	Carbon Monoxide	200 (Gas)	Validated hourly mean	95% of all the hourly mean values do not exceed 200% of the ELV.	mg/Nm3		n/a	In compliance with licence Condition.

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

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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

Yes	
Yes	

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

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
SW9	onsite	SELECT	pH	21-Mar-18	6 - 9	Value less then site action trigger level.	7.75	pH units	yes	
SW9	onsite	SELECT	pH	26-Mar-18	6 - 9	Value less then site action trigger level.	7.7	pH units	yes	
SW9	onsite	SELECT	pH	28-Mar-18	6 - 9	Value less then site action trigger level.	7.63	pH units	yes	
SW9	onsite	SELECT	pH	04-Sep-18	6 - 9	Value less then site action trigger level.	7.43	pH units	yes	
SW9	onsite	SELECT	pH	08-Nov-18	6 - 9	Value less then site action trigger level.	7.49	pH units	yes	
SW9	onsite	SELECT	COD	26-Mar-18	27.7	Value less then site action trigger level.	7	mg/L	yes	
SW9	onsite	SELECT	COD	28-May-18	27.7	Value less then site action trigger level.	11	mg/L	yes	
SW9	onsite	SELECT	COD	04-Sep-18	27.7	Value less then site action trigger level.	21	mg/L	yes	
SW9	onsite	SELECT	COD	08-Nov-18	27.7	Value less then site action trigger level.	9	mg/L	yes	
SW12	onsite	SELECT	pH	26-Mar-18	6 - 9	Value less then site action trigger level.	7.54	pH units	yes	
SW12	onsite	SELECT	pH	15-Jun-18	6 - 9	Value less then site action trigger level.	7.3	pH units	yes	
SW12	onsite	SELECT	pH	04-Sep-18	6 - 9	Value less then site action trigger level.	6.99	pH units	yes	
SW12	onsite	SELECT	pH	08-Nov-18	6 - 9	Value less then site action trigger level.	7.54	pH units	yes	
SW12	onsite	SELECT	Temperature	26-Mar-18	24.9	Value less then site action trigger level.	8.6	degrees C	yes	
SW12	onsite	SELECT	Temperature	15-Jun-18	24.9	Value less then site action trigger level.	17.2	degrees C	yes	
SW12	onsite	SELECT	Temperature	04-Sep-18	24.9	Value less then site action trigger level.	17.8	degrees C	yes	
SW12	onsite	SELECT	Temperature	08-Nov-18	24.9	Value less then site action trigger level.	12.1	degrees C	yes	
SW12	onsite	SELECT	COD	26-Mar-18	95.9	Value less then site action trigger level.	32.5	mg/L	yes	
SW12	onsite	SELECT	COD	15-Jun-18	95.9	Value less then site action trigger level.	8	mg/L	yes	
SW12	onsite	SELECT	COD	04-Sep-18	95.9	Value less then site action trigger level.	24	mg/L	yes	
SW12	onsite	SELECT	COD	08-Nov-18	95.9	Value less then site action trigger level.	8	mg/L	yes	
SW12	onsite	SELECT	Suspended Solids	26-Mar-18	14.8	Value less then site action trigger level.	<2	mg/L	yes	
SW12	onsite	SELECT	Suspended Solids	15-Jun-18	14.8	Value less then site action trigger level.	5	mg/L	yes	
SW12	onsite	SELECT	Suspended Solids	04-Sep-18	14.8	Value less then site action trigger level.	10	mg/L	yes	
SW12	onsite	SELECT	Suspended Solids	08-Nov-18	14.8	Value less then site action trigger level.	5	mg/L	yes	
SW12	onsite	SELECT	Ammonia (as N)	26-Mar-18	6	Value less then site action trigger level.	0.746	mg/L	yes	
SW12	onsite	SELECT	Ammonia (as N)	15-Jun-18	6	Value less then site action trigger level.	0.443	mg/L	yes	
SW12	onsite	SELECT	Ammonia (as N)	04-Sep-18	6	Value less then site action trigger level.	0.442	mg/L	yes	
SW12	onsite	SELECT	Ammonia (as N)	08-Nov-18	6	Value less then site action trigger level.	0.349	mg/L	yes	
SW12	onsite	SELECT	Mineral oils	26-Mar-18	2000	Value less then site action trigger level.	100	µg/L	yes	
SW12	onsite	SELECT	Mineral oils	15-Jun-18	2000	Value less then site action trigger level.	1	µg/L	yes	

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AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No: P0577-03		Year		2018		
SW12	onsite	SELECT	Mineral oils	04-Sep-18	2000	Value less than site action trigger level.	1	µg/L	yes	
SW12	onsite	SELECT	Mineral oils	08-Nov-18	2000	Value less than site action trigger level.	1	µg/L	yes	
SW12	onsite	SELECT	Fats, Oils and Greases	26-Mar-18	2	Value less than site action trigger level.	1	mg/L	yes	
SW12	onsite	SELECT	Fats, Oils and Greases	15-Jun-18	2	Value less than site action trigger level.	1	mg/L	yes	
SW12	onsite	SELECT	Fats, Oils and Greases	04-Sep-18	2	Value less than site action trigger level.	1	mg/L	yes	
SW12	onsite	SELECT	Fats, Oils and Greases	08-Nov-18	2	Value less than site action trigger level.	1	mg/L	yes	

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

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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
Yes	

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](#)

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 ^{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)	Comments
SW1	Water	Chlorine	Discrete	Weekly grab sample		0.1	All results < 1.2 x ELV	0.02	mg/L	yes	Colorimetric analysis	Lovibond Comparator	Poolbeg EMS Procedure 11.1-18	2852	
SW3	Water	pH	Discrete	Quarterly grab sample		6 - 9	No pH value shall deviate from the specified range.	7.48	pH units	yes	pH Meter (Electrode)(By external lab)	B.S. (British Standard)	BS 1377:Part 3:1990	N/a	
SW3	Water	Ammonia	Discrete	Quarterly grab sample		10	All results < 1.2 x ELV	0.5	mg/L	yes	Kone Analyser (By External Lab)	B.S. (British Standard)	BS 2690 Part 7:1968/ BS 6068:Part 2.11:1984	1	
SW3	Water	Suspended Solids	Discrete	Quarterly grab sample		No ELV in licence - A3 waters 50 mg/L .	No ELV	12.5	mg/L	yes	Gravimetric analysis (By external lab)	B.S. (British Standard)	BS 2690:Part 120:1981	24.5	
SW7	Water	Ammonia	Discrete	Quarterly grab sample		< 1	All results < 1.2 x ELV	0.2215	mg/L	yes	Kone Analyser (By External Lab)	B.S. (British Standard)	BS 2690 Part 7:1968/ BS 6068:Part 2.11:1984	0.48	
SW7	Water	pH	Discrete	Quarterly grab sample		6 - 10	No pH value shall deviate from the specified range.	9.32	pH units	yes	pH Meter (Electrode)	B.S. (British Standard)	BS 1377:Part 3:1990	N/a	
SW7	Water	Suspended Solids	Discrete	Quarterly grab sample		No ELV - A3 waters 50 mg/L	No ELV	5	mg/L	yes	Gravimetric analysis (By external lab)	B.S. (British Standard)	BS 2690:Part 120:1981	10.84	
SW8	Water	Ammonia	Discrete	Quarterly grab sample		< 1	All results < 1.2 x ELV	0.2335	mg/L	yes	Kone Analyser(By External Lab)	B.S. (British Standard)	BS 2690 Part 7:1968/ BS 6068:Part 2.11:1984	0.17	
SW8	Water	pH	Discrete	Quarterly grab sample		6 - 10	No pH value shall deviate from the specified range.	9.44	pH units	yes	pH Meter (Electrode)	B.S. (British Standard)	BS 1377:Part 3:1990	N/a	
SW8	Water	Suspended Solids	Discrete	Quarterly grab sample		No ELV - A3 waters 50 mg/L	No ELV	5	mg/L	yes	Gravimetric analysis (By external lab)	B.S. (British Standard)	BS 2690:Part 120:1981	3.61	
SW7	Water	Oils	Discrete	Monthly Grab Sample		No ELV - visual inspection for oil.	N/a	N/a	N/a	yes	Visual Inspection	N/a	N/a	N/a	
SW8	Water	Oils	Discrete	Monthly Grab Sample		No ELV - visual inspection for oil.	N/a	N/a	N/a	yes	Visual Inspection	N/a	N/a	N/a	
SW11	Water	Chlorine	Discrete	Quarterly grab sample		0.2	All results < 1.2 x ELV	0.08	mg/L	yes	Colorimetric analysis	Lovibond Comparator	Poolbeg EMS Procedure 11.1-18	4.7	

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

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

Continuous monitoring

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

Yes	
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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
SW1	Water	volumetric flow	1036800m3/day	1 hour	No flow value shall exceed the specific limit	m3/day	142624800m3	-37.57%	0	0	Decrease in flow volume due to plant being dispatched by grid in open cycle mode which does not require cooling water
SW1	Water	Temperature	14.0oC (Maximum) and 10oC (98% ile of hourly values)	1 hour	No temperature value shall exceed the limit value	degrees C	N/a	N/a	0	0	All hourly values < 10oC.
SW3	Water	volumetric flow	200	Infrequent discharging from WTP.	No flow value shall exceed the specific limit.	m3/day	1960	49%	0	0	Increase in WTP flow as plant was required to run when steam turbine was available again post February 2018.
SW3	Water	pH	6 - 9	Measures prior to and during discharges from WTP.	No pH value shall deviate from the specified range.	pH units	N/a	N/a	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

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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-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
- 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	
74	Includes mobile bunds and ESB Networks cable oil tank bunds.
74	
32	
Yes	
32	
1	
1	
Yes	
Yes	
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)
All fixed and portable bunds tested during 2018 passed their hydraulic integrity tests. Integrity Test Certs are available on site for review.	SELECT					Hydraulic test			Yes	Pass		SELECT		
	SELECT					SELECT			SELECT	SELECT		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance?

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

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

Yes	Commentary
N/a	
N/a	

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 of all underground pipelines (as required under your licence)

Yes	
3 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)
A number of drainage lines required repairs following testing and inspection during 2018, these have been repaired and passed hydrostatic testing. Full reports of testing and repairs are available on-site for inspection.											

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

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		Comments
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	No	Prior to 2016 we carried out biannual borehole monitoring on-site however as the oil farm and Networks areas are planned to be removed from the license boundary and as baseline survey were carried out using the boreholes in the oil farm and Networks site during 2016/17 we did not take additional borehole samples during 2016/17/18. The baseline soil assessment for the HFO farm indicated that the site is generally uncontaminated and groundwater assessment results indicated that the groundwater has not been impacted to any significant degree by historical site activities. This baseline report will form part of the submission to the Agency for removal of the oil farms from the licence boundary.
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 Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	no	
5 Is the contamination related to operations at the facility (either current and/or historic)	no	
6 Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	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 assesment 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?	No	
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+	unit	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data
							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	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT			SELECT

Groundwater/Soil monitoring template				Lic No:	P0577-03	Year	2018
					SELECT		SELECT
<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>				<p>Groundwater monitoring template</p>			
<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>				<p>Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013)</p>			
<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>				<p> Groundwater Drinking water Surface regulations (private supply) Drinking water (public Interim Guideline water EQS GTV's standards supply) standards Values (IGV) </p>			

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Groundwater/Soil monitoring template	Lic No:	P0577-03	Year	2018
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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 Liabilities template	Lic No:	P0577-03	Year	2018
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[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	Agreed mid 2017 by EPA.
2	ELRA review status	Review required and completed.	Review completed during 2017 and agreed by the EPA.
3	Amount of Financial Provision cover required as determined by the latest ELRA	€2,648,040	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	See above	
6	Financial Provision for ELRA - type	Company Guarantee	
7	Financial provision for ELRA expiry date	Not applicable.	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	Agreed mid 2017 by EPA.
9	Closure plan review status	Review required and completed	Review completed during 2017 and agreed by the EPA.
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€1,577,154	
12	Financial Provision for Closure - type	Company Guarantee	
13	Financial provision for Closure expiry date	Not applicable.	

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Environmental Management Programme/Continuous Improvement Programme template Lic No: P0577-03 Year 2018

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	EMS recertified during May 2018 and Jan 2019 to the revised ISO14001 standard.
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	Annual EMP developed and implemented.
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	Yes, public file available to public if requested.

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Leadership	Accountability Behaviours Continuous Improvement			Station Manager	
	Management visibility – Environmental leadership will be part of performance management, raise general level of Environmental awareness & involvement through active communication between management and staff.	Ongoing throughout year	Environment is second item discussed at morning and weekly planning meetings after safety. Environmental Performance included in monthly management meetings. Quarterly reports TO GWM on Environmental performance.	HSEQ Manager	Maintain active communication on Environmental issues in Poolbeg.
	Poolbeg will continue to utilise the SHIELD system for managing Environmental Incidents, and non-compliances associated with the IEL. The ISO14001 internal audit schedule is also be managed through Shield.	Ongoing throughout year	3 year audit schedule 2016-2018 uploaded on SHIELD.	HSEQ Manager	Enables tracking of all environmental issues in one location which is available for all staff to review.
	Ensure all incidents and licence non-compliances reported to the EPA asap. Continue reviewing all environmental incidents, complaints etc. , establish root causes and implement actions to prevent a reoccurrence.	Ongoing throughout year	Environmental incidents recorded on Eden and Shield	HSEQ Manager	Maintain good communications with the EPA and reporting of incidents in a timely manner. Ensure continual improvement in reviewing incident/complaint root causes.
	Emissions to Air Compliance			As below	
	AST to be carried out on all CEMs analysers.	100%	CG14 AST completed in Oct 2018 CG15 AST completed in Dec 2018	GWM - Process and Performance. Resource: Internal resource (ESBI Testing and Efficiency John Gilmartin)	Ensure CEMs analysers are functioning correctly for monitoring emissions.
	Other CEMS items: Address items as per air EPA emissions audit report. Which includes the requirements for a sampling port for open cycle emissions monitoring. Address flow calculations/calibration requirements and stack flow testing if required.	50%	Open Cycle Emissions Monitoring Ports installed on GT14 and GT15. Used for 2018 AST's. Poolbeg does not have a maximum volumetric flow limit in its licence. Stack flow testing not completed in 2018 but this will be investigated further in 2019	GWM - Process and Performance: Advice on all CEMs related issues. Asset Manager: Approve details of sampling port and procurement of parts as required. Stack flow testing. Maintenance Manager: Installation of open cycle sample ports. Operations Manager: Ensure operations staff monitor CEMS and report issues asap. HSEQ Manager: Respond to EPA reports and notification of CEMS issues. Monitor compliance with licence. STL(P. Markey) Assist with stack flow calculations/calibrations.	Ensure CEMs analysers are functioning correctly for monitoring emissions.
CEMs C and I spares review to be completed.	75%	GT15 HMI replaced by ControlSoft in Feb 2019 CEMS spares to be reviewed with JG in early 2019	Maintenance Manager Asset Manager	Ensure CEMs C and I equipment is available and up to date.	

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	P0577-03	Year	2018	
Compliance Obligations	Air conditioning systems to be leak checked as per CMMs. 1. A number of units not functioning to be considered for replacement. 2. Control Building Chiller to be installed and leak checked as per schedule.	75%	1. PCC 14 and 15 conditioning replacement contract awarded to Crossflow. Work due to commence in Jan 2019. Site wide leak checking deferred until after replacement work. 2. Control Building Chiller installed and commissioned. Leak check completed in May 2018 and Masterair due on site in early 2019 for leak checking	Asset Manager: Prepare specification and purchase units. Maintenance Manager: Installation of units and annual leak checks of other units on-site. HSEQ Manager: Leaks check records on file. Advice re gas use and document management. Resources: Air Conditioning contract and budgets in place (Crossflow contract)	Reduced emissions		
	Noise Emissions Monitoring						
	Boundary noise measurements to be carried out every three years as part of EMP (P0577/AP03MG)	100%	An attended noise survey was conducted on Tuesday 13th March, Wednesday 2nd of May and Thursday 3rd of May 2018.	Internal resource: HSEQ Manager to plan. Environmental budget in place for monitoring.	Ensure no changes to noise emissions from operations.		
	Reduce the potential for discharge of pollutants to surface and ground water.			As below			
	Carry out 3 yearly retention tests as per bund test schedule and carry out repairs to defective bunds as required. 2. ESB Networks bunding (Inchicore 2 cable oil bund tank replacement)	100%	1. Testing schedule tracked through spreadsheet on IDM. All bunds up to date as of 14-12-18. 2. ESB Networks replaced Inchicore Bund with new in Dec 2018	Internal Resources: Operations Manager (Shift Manager to carry out tests currently P.Cooke.). Liaise with Networks as per bund installation below. Civil Engineer: Bund inspections as required. Specification preparation for repairs of bunds as required. HSEQ Manager: Manage bund testing schedule(Spreadsheet on IDM) ESB Networks: Install final new cable bund) Environmental and Civil budgets in place.	To ensure integrity of containment structures and to eliminate risk of leaks reaching surface water.		
	Drainage repairs and hydrostatic testing: 1. Decision on extent of repairs/decommissioning to be made in decommissioned Thermal area. 2. Oil detectors to be installed as per Ops Manager risk assessment.	30%	1. Thermal Station repairs to be considered by PAR after completion of Phase 1 of North Wall works 2. Clean drains oil detector installed in Dec 2018 and due to be commissioned in early 2019.	1. PAR (M.Byrne), Civil engineer to prepare specification. 2. Asset Manager and graduate engineer.	To reduce risk of leaks reaching surface water		
Emergency Procedures	Emergency Preparedness			As below			
	Remote operation of the final sump pump	0%	Project not prioritised for 2018 due to overhauls and other projects	Electrical Plant Specialist Graduate Engineer (BG)	To reduce risk of leaks reaching surface water		
Resource Use Energy Conservation Waste Management	Sustainability - Waste water and energy are KPIs and reported monthly.			As below			
	Waste recycling target 60 % This is for non-hazardous contract waste (General, timber, glass, compost and WEEE waste) Recycling figure does not include project/overhaul waste. Consider any other waste improvements required e.g. Reduction in use of disposable cups. Repainting ground in hazardous waste compound.	Ongoing throughout year	Review and track waste monthly.	Internal resource: HSEQ Manager FWA in place for waste management. Environmental budget in place for waste disposal.	Ensure good waste management and segregation is being carried out by all staff and contractors on site.		

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	P0577-03	Year	2018
	Water usage target < 150 m3 rolling daily average. Water reduction project for 2019 to be considered.	Ongoing throughout year	Review and track water usage daily, report monthly. Treated water use in the CCGT to be monitored by regular drop tests.	Shift Manager/Operations manager: Water use. Maintenance/Asset manager: Repairing of leaks. HSEQ Manager: Reporting of water use.	Optimisation of water usage. Ongoing water monitoring and investigations to be carried out to ensure leaks and use are minimised.	
	Energy Efficiency target 98 %	Ongoing throughout year	Plant Efficiency reported monthly. (Station signals report) Monitor energy use in admin building monthly - review at EMG. Consideration to be given to not renewing energy metering contract for 2019. Savings could be invested in energy efficient lighting and	Internal Resource: Operations Manager, HSEQ Manager : reporting energy use in maccorn building.	Optimisation of energy and fuel use.	
Environmental Awareness and Communication	Training and Awareness			As below		
	Training to be carried out as per training schedule. The following training to be carried out in 2018. • General awareness for Ops team (Env. Coord) • Waste training (AES) • Spill training (External) Env. Coordinator to attend webinars as advised by the EPA.	75%	Training analysis matrix saved to IDM (Management section). Difficult to schedule external training for shift staff	Internal Resource: HSEQ Manager and training coordinator.	To ensure all staff are aware of our IE licence environmental aspects associated with their work on-site.	
ISO14001	Retain EMS Certification	100%	Six monthly audits - Audit completed 30-05-18 and 14th / 15th January 2019	Internal Resources : HSEQ Manager. Budget in place for auditing.	Improved Environmental Management Practices.	
IE Licence	Technical Amendment to licence			As below		
IE licence boundary change	Licence boundary to be updated for removal of Networks site and oil farm and jetty areas leased to NORA. Ensure decommissioning and waste management is managed appropriately by NORA as per IE licence.	50%	Environmental baseline assessments to be carried out on NORA and Networks areas. Areas to be ready for licence exit audit. Engagement with EPA - NORA site visit took place in February 17. EPA personnel assigned to manage residual management of NORA site. Licence Boundary update to be progressed in Q2 2019 following completion of Env Audits and 2018 annual reporting.	Internal resources: HSEQ Manager: Technical amendment. GWM Env Mgr: Advice as required. PAR: NORA stakeholder management. Environmental consultants engaged to advise and carry out baseline survey and reports for EPA.	Boundary and Scope of EMS will define areas that are under ESB Poolbeg management and control.	
	Manage NORA interface and takeover of oil farms and jetty.	Ongoing	Regular meetings and communications with NORA to ensure complying with environmental compliance obligations.	Internal resources: PAR as stakeholder management. HSEQ Manager: Ensure all waste documentation is retained on file in full. Licence technical amendment.	Ensure good environmental practices by NORA and subcontractors.	
CW Outfall	Manage the accumulation of IW discharge into the cooling water channel when we are not running in combined cycle mode.	Ongoing	EPA have been verbally informed of the situation and a letter is being drafted by PAR and legal for submission to the EPA. Testing protocol to be carried out. Letter submitted to EPA, Testing commenced in Sep 2018 but results were inconclusive. Testing to continue in 2019 when CW is switched off.	Internal resources: PAR : IW stakeholder management and organising testing. Operations manager: CW pump running. HSEQ Manager: Liaising and reporting to EPA.		

Noise monitoring summary report Lic No: P0577-03 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?
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?

No	See correspondence ref P0577-02/AP03MG
Yes	
N/A	Noise not an issue on site.
29/05/2018	Boundary measurements took place in 2018 even though there is an agreement with the EPA to discontinue testing at NSLs . See correspondence ref P0577-02/AP03MG.
No	

[Noise Guidance note NG4](#)

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	Rated Noise Level Lar,T	LAeq calculated to NSL	LAeq	LA90	LA10	LAmax	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)?
13-03-18	Day	NSL1 Northern Site Boundary	Distance - 2100 meters to NSL.	39	34	55	54	N/A	66	Yes	Yes	The primary noise sources at this location were the Generator and the associated air intakes and plant buildings to the north of the Generator building.	Yes
02-05-18	3 x 15 Mins	NSL1 Northern Site Boundary	Distance - 2100 meters to NSL.	39	34	55	54	N/A	60	Yes	Yes		Yes
02-05-18	Evening	NSL1 Northern Site Boundary	Distance - 2100 meters to NSL.	39	34	55	54	N/A	69	Yes	Yes		Yes
03-05-18	Night	NSL1 Northern Site Boundary	Distance - 2100 meters to NSL.	39	34	55	54	N/A	69	Yes	Yes	The primary noise sources at this location were the Generator, plant in adjacent buildings, and traffic along the Poolbeg Lighthouse access road.	Yes
13-03-18	Day	NSL2 Southern Site Boundary	Distance - 1800 meters to NSL.	35	30	52	49	N/A	71	Yes	Yes		Yes
02-05-18	3 x 15 Mins	NSL2 Southern Site Boundary	Distance - 1800 meters to NSL.	33	28	50	48	N/A	59	Yes	Yes		Yes
02-05-18	Evening	NSL2 Southern Site Boundary	Distance - 1800 meters to NSL.	33	28	50	48	N/A	59	Yes	Yes	The primary noise sources at this location were the adjacent 220kV Substation and birds in the nearby derelict building to the rear of Pigeon House.	Yes
03-05-18	1 x 15 Mins	NSL2 Southern Site Boundary	Distance - 1800 meters to NSL.	32	27	49	48	N/A	57	Yes	Yes		Yes
03-05-18	Night	NSL2 Southern Site Boundary	Distance - 1800 meters to NSL.	32	27	49	48	N/A	57	Yes	Yes		Yes
13-03-18	Day	NSL3 Western Site Boundary	Distance - 1850 meters to NSL.	45	40	56	54	N/A	79	Yes	Yes	The primary noise sources at this location were the adjacent 220kV Substation and birds in the nearby derelict building to the rear of Pigeon House.	Yes
02-05-18	3 x 15 Mins	NSL3 Western Site Boundary	Distance - 1850 meters to NSL.	45	40	56	54	N/A	79	Yes	Yes		Yes
02-05-18	Evening	NSL3 Western Site Boundary	Distance - 1850 meters to NSL.	43	38	54	54	N/A	57	Yes	Yes		Yes
03-05-18	1 x 15 Mins	NSL3 Western Site Boundary	Distance - 1850 meters to NSL.	43	38	54	54	N/A	57	Yes	Yes	The primary noise sources at this location were the adjacent 220kV Substation and birds in the nearby derelict building to the rear of Pigeon House.	Yes
03-05-18	Night	NSL3 Western Site Boundary	Distance - 1850 meters to NSL.	44	39	55	54	N/A	65	Yes	Yes		Yes

*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:

P0577-03

Year

2018

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

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

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

Additional information

2011	Efficiency calculations of combined cycle plant carried out in 2011 before and after major overhauls of Gas Turbine and Steam Turbine units.
No	Water is a KPI in site business plan and tracked and reported weekly and monthly. Target for 2018 rolling daily average < 150 m3.
No	Diesel Tanks Tank 1 Sulphur content is 0.14 % S, oil in this tank is due to be sold for reuse or refining. Tank 2 is currently empty The Fuel oil tanks are currently being upgraded by NORA and all fuel oil deliveries to the other tanks on site are via road tanker

Table R1 Energy usage on site

Energy Use	2017	2018	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	23,010	17,759		-30%
Total Energy Generated (MWHrs)	364,720	605,827		40%
Total Renewable Energy Generated (MWHrs)	0	0		
Electricity Consumption (MWHrs)	23,010	17,759		-30%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	N/a	N/a		
Light Fuel Oil (m3)	0	0		
Natural gas (m3)	91,520,006	131,023,947		30%
Coal/Solid fuel (metric tonnes)	N/a	N/a		
Peat (metric tonnes)	N/a	N/a		
Renewable Biomass	N/a	N/a		
Renewable energy generated on site	N/a	N/a		

* 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 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	

Resource Usage/Energy efficiency summary			Lic No:	P0577-03	Year	2018
Groundwater	0	0				
Surface water	0	0				
Public supply	48,792	54339	10.21%			
Recycled water	0	0				
Total	48,792	54339	10.21%			

* 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)	1694.04	790.72	1.79	653.11	248.42
Non-Hazardous (Tonnes)	376.37	5.76	124.39	181.42	64.8

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Resource Usage/Energy efficiency summary	Lic No: P0577-03	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

	CG14	CG15	Unit ID	Unit ID	Station Total
Technology	CCGT	CCGT			CCGT
Primary Fuel	Natural Gas	Natural Gas			Natural Gas
Thermal Efficiency	36.61	36.61			36.61
Unit Date of Commission	GT 14 - 1994 ST16 - 2000	GT 15 - 1997 ST16 - 2000			GT 14 - 1994 GT 15 - 1997 ST16 - 2000
Total Starts for year	CG14 = 61 ST16 = 37	CG15 = 33 ST16 = 37			CG14 = 61 CG15 = 33 ST16 = 37
Total Running Time (Hours)	3,315	1178			4,493
Total Electricity Generated (GWH)	456.20	149.6245			605.83
House Load (GWH)	11.01	6.7478			17.76
KWH per Litre of Process Water	N/A	N/A			N/A
KWH per Litre of Total Water used on Site	8.4	2.75			11.15

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Complaints and Incidents summary template		Lic No:	P0577-03	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		Yes

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
28/02/2018	Odour		COM007140, Odour detected on Sean Moore road during period 28-02-18 to 02-03-18	None, Poolbeg CEMS data reviewed for period and all within ELV's. No unusual occurrences or incident on site. EPA agreed this complaint was not associated with Poolbeg	Complete	02/05/2018	
09/04/2018	Air		COM007244, I am working in Ringsend and the quality of the air is clearly poor, colleagues are coughing and many people are experience "heavy" chest.	None, Poolbeg was not generating on 09-04-18 and there were no unusual occurrences or incidents on site. EPA agreed this complaint was not associated with Poolbeg	Complete	26/04/2018	
Total complaints open at start of reporting year		0					
Total new complaints received during reporting year		2					
Total complaints closed during reporting year		2					
Balance of complaints end of reporting year		0					

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 reoccurrence
13/07/2018	Monitoring equipment offline	Licensed discharge point (P0577-A1-5)	1. Minor	Air	Operational controls		Other (Commissioning)	EPA	New	CEMS changed from "Maintenance" to "Automatic" Mode	Procedures and checklist reviewed to ensure CEMS is in automatic before return to service. Shift Team Leaders briefed.	Complete	20/07/2018	Low
Total number of incidents current year		1												
Total number of incidents previous year		3												
% reduction/increase		-200%												

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WASTE SUMMARY	Lic No:	P0577-03	Year	2018
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SECTION A- WASTE MANAGEMENT RECORD FOR WASTE TRANSFERRED OFF SITE

Please insert details of waste transferred off site in the adjoining Waste Management Record tab.

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

No	Additional Information
----	------------------------

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	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

No	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 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										

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

N/A	
-----	--

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

N/A	
-----	--

6 Does your facility have relevant nuisance controls in place?

N/A	
-----	--

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

N/A	
-----	--

8 Do you maintain a sludge register on site?

N/A	
-----	--

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													

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WASTE SUMMARY Lic No: P0577-03 Year 2018

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

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

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

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

N/A

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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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
03/01/2018	AES LUSK	200301	Non Hazardous	0.033	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU207282		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/01/2018	AES LUSK	200301	Non Hazardous	0.185	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU206707		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/01/2018	AES LUSK	200301	Non Hazardous	0.080000001	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU207281		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/01/2018	AES LUSK	200301	Non Hazardous	0.075	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU213309		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/01/2018	AES LUSK	200301	Non Hazardous	0.05	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU210954		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/01/2018	AES LUSK	200301	Non Hazardous	0.139999998	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU216856		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/01/2018	AES LUSK	200301	Non Hazardous	0.12	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU214907		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
05/01/2018	AES LUSK	200301	Non Hazardous	0.083000001	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU207132		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
05/01/2018	AES LUSK	200301	Non Hazardous	0.034	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU207132		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
19/01/2018	AES LUSK	200301	Non Hazardous	0.0245	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU211869		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
19/01/2018	AES LUSK	200301	Non Hazardous	0.084999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU211868		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/01/2018	AES LUSK	200108	Non Hazardous	0.025	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU206738		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/01/2018	AES LUSK	200108	Non Hazardous	0.0455	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU211575		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
24/01/2018	AES LUSK	200108	Non Hazardous	0.0215	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU213470		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/01/2018	AES LUSK	200108	Non Hazardous	0.0295	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU215816		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
08/02/2018	AES LUSK	200301	Non Hazardous	0.6	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU87260		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/02/2018	AES LUSK	200301	Non Hazardous	0.105	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU220001		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/02/2018	AES LUSK	200301	Non Hazardous	0.215	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU218028		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
28/02/2018	AES LUSK	200301	Non Hazardous	0.125	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU224285		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/02/2018	AES LUSK	200301	Non Hazardous	0.025	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU221458		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
02/02/2018	AES LUSK	200301	Non Hazardous	0.321	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU216763		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
02/02/2018	AES LUSK	200301	Non Hazardous	0.141999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU216762		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
16/02/2018	AES LUSK	200301	Non Hazardous	0.077	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU219168		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
16/02/2018	AES LUSK	200301	Non Hazardous	0.027999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU219167		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
07/02/2018	AES LUSK	200108	Non Hazardous	0.0235	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU217161		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/02/2018	AES LUSK	200108	Non Hazardous	0.025	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU218760		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
21/02/2018	AES LUSK	200108	Non Hazardous	0.024	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU220800		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/02/2018	AES LUSK	200108	Non Hazardous	0.0175	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU217489		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/03/2018	AES LUSK	200301	Non Hazardous	0.035	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU225230		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/03/2018	AES LUSK	200301	Non Hazardous	0.085	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU230293		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/03/2018	AES LUSK	200301	Non Hazardous	0.058	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU228937		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
06/03/2018	AES LUSK	200301	Non Hazardous	0.063999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU222515		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
06/03/2018	AES LUSK	200301	Non Hazardous	0.072	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU222514		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
16/03/2018	AES LUSK	200301	Non Hazardous	0.096	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU227034		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
16/03/2018	AES LUSK	200301	Non Hazardous	0.06	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU227033		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
30/03/2018	AES LUSK	200301	Non Hazardous	0.031	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU229722		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
30/03/2018	AES LUSK	200301	Non Hazardous	0.033	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL229721		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/03/2018	AES LUSK	200108	Non Hazardous	0.036	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL226145		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
20/03/2018	AES LUSK	200108	Non Hazardous	0.0105	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL228453		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/03/2018	AES LUSK	200108	Non Hazardous	0.022	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL229587		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
11/04/2018	AES LUSK	200301	Non Hazardous	0.211	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL233391		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
24/04/2018	AES LUSK	200301	Non Hazardous	0.64	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU93882		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/04/2018	AES LUSK	200301	Non Hazardous	0.102000003	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL238716		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/04/2018	AES LUSK	200301	Non Hazardous	0.15	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL235193		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/04/2018	AES LUSK	200301	Non Hazardous	0.081	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL231654		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/04/2018	AES LUSK	200301	Non Hazardous	0.021	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL234653		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
27/04/2018	AES LUSK	200301	Non Hazardous	0.069	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL235433		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
27/04/2018	AES LUSK	200301	Non Hazardous	0.077	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL235432		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
24/04/2018	AES LUSK	150101	Non Hazardous	0.32	Cardboard Loose	R5	N/A	N/A	N/A	JTLU93881		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
11/04/2018	AES LUSK	200108	Non Hazardous	0.0165	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL231535		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/04/2018	AES LUSK	200108	Non Hazardous	0.05	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL235220		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
09/05/2018	AES LUSK	200301	Non Hazardous	0.07	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL241891		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
09/05/2018	AES LUSK	200301	Non Hazardous	0.095	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL239279		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
23/05/2018	AES LUSK	200301	Non Hazardous	0.06	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL244786		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
29/05/2018	AES LUSK	200301	Non Hazardous	0.48	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU97760		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
31/05/2018	AES LUSK	200301	Non Hazardous	0.42	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU98207		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
11/05/2018	AES LUSK	200301	Non Hazardous	0.063	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL240315		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
11/05/2018	AES LUSK	200301	Non Hazardous	0.055	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL240314		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/05/2018	AES LUSK	200301	Non Hazardous	0.045	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL243029		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/05/2018	AES LUSK	200301	Non Hazardous	0.014	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL243028		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
09/05/2018	AES LUSK	200108	Non Hazardous	0.044	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL240200		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
21/05/2018	AES LUSK	200108	Non Hazardous	0.045	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL243244		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
30/05/2018	AES LUSK	200108	Non Hazardous	0.056	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL245347		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
06/06/2018	AES LUSK	200301	Non Hazardous	0.068	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL246200		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
20/06/2018	AES LUSK	200301	Non Hazardous	0.174999999	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL249721		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
27/06/2018	AES LUSK	200301	Non Hazardous	0.7	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU100927		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
01/06/2018	AES LUSK	200301	Non Hazardous	0.120999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL245717		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
01/06/2018	AES LUSK	200301	Non Hazardous	0.034	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL245716		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
22/06/2018	AES LUSK	200301	Non Hazardous	0.571499995	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL249882		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
22/06/2018	AES LUSK	200301	Non Hazardous	0.047000001	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL249881		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/06/2018	AES LUSK	200108	Non Hazardous	0.037	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL248272		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
27/06/2018	AES LUSK	200108	Non Hazardous	0.045	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL250448		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
04/07/2018	AES LUSK	200301	Non Hazardous	0.577999998	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL254593		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility Non Haz Waste: Name and	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of	Name and License/Permit No. and Address	Actual Address of Final Destination i.e.	Collection Permit No.
											M/C/E	Method Used						
04/07/2018	AES LUSK	200301	Non Hazardous	0.135	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL251816		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/07/2018	AES LUSK	200301	Non Hazardous	0.78	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU102833		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/07/2018	AES LUSK	170604	Non Hazardous	0	Insulation materials (non-Hazardous) other than 170601 and 170602	R1	N/A	N/A	N/A	JTLU102831		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
18/07/2018	AES LUSK	200301	Non Hazardous	0.420999999	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL257647		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
18/07/2018	AES LUSK	200301	Non Hazardous	0.5	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL256024		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
06/07/2018	AES LUSK	200301	Non Hazardous	0.046000002	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL253965		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
06/07/2018	AES LUSK	200301	Non Hazardous	0.209000001	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL253964		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
20/07/2018	AES LUSK	200301	Non Hazardous	0.063	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL256605		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
20/07/2018	AES LUSK	200301	Non Hazardous	0.152000001	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL256604		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
20/07/2018	AES LUSK	150101	Non Hazardous	0.3	Paper and cardboard packaging	R5	N/A	N/A	N/A	RTL103666		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
09/07/2018	AES LUSK	200108	Non Hazardous	0.067	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL254486		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
18/07/2018	AES LUSK	200108	Non Hazardous	0.099	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL256486		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
25/07/2018	AES LUSK	200108	Non Hazardous	0.008	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL257160		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
01/08/2018	AES LUSK	200301	Non Hazardous	0.18	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL258826		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
15/08/2018	AES LUSK	200301	Non Hazardous	0.016	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL263587		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
29/08/2018	AES LUSK	200301	Non Hazardous	0.026	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL265937		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/08/2018	AES LUSK	200301	Non Hazardous	0.069	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL260406		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/08/2018	AES LUSK	200301	Non Hazardous	0.041	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL260594		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
17/08/2018	AES LUSK	200301	Non Hazardous	0.038	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU263830		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/08/2018	AES LUSK	200301	Non Hazardous	0.02	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU266686		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
08/08/2018	AES LUSK	200108	Non Hazardous	0.0145	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU261437		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
15/08/2018	AES LUSK	200108	Non Hazardous	0.027	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU263616		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
22/08/2018	AES LUSK	200108	Non Hazardous	0.017	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU265079		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/08/2018	AES LUSK	150107	Non Hazardous	0.087	Commercial Glass packaging	R5	N/A	N/A	N/A	RTCE110296		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/09/2018	AES LUSK	200301	Non Hazardous	0.048999999	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU271485		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
26/09/2018	AES LUSK	200301	Non Hazardous	0.315999999	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU273771		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/09/2018	AES LUSK	200301	Non Hazardous	0.049	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU271741		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/09/2018	AES LUSK	200301	Non Hazardous	0.041	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU273495		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/09/2018	AES LUSK	200301	Non Hazardous	0.111	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU276050		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
05/09/2018	AES LUSK	200108	Non Hazardous	0.0335	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU268837		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
19/09/2018	AES LUSK	200108	Non Hazardous	0.044	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU273170		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
03/10/2018	AES LUSK	200108	Non Hazardous	0.0475	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU276509		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
10/10/2018	AES LUSK	200301	Non Hazardous	0.09	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU276955		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
24/10/2018	AES LUSK	200301	Non Hazardous	0.047	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTLU278999		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/10/2018	AES LUSK	200301	Non Hazardous	0.098	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU277377		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
26/10/2018	AES LUSK	200301	Non Hazardous	0.055000001	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU279512		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
03/10/2018	AES LUSK	200108	Non Hazardous	0.0475	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL276509		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/10/2018	AES LUSK	200108	Non Hazardous	0.0305	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL278547		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/10/2018	AES LUSK	200108	Non Hazardous	0.031	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL280449		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
07/11/2018	AES LUSK	200301	Non Hazardous	0.018	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL281989		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
07/11/2018	AES LUSK	200301	Non Hazardous	0.065	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL281988		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/11/2018	AES LUSK	200301	Non Hazardous	1.38	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU114080		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
21/11/2018	AES LUSK	200301	Non Hazardous	0.028	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL285015		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
21/11/2018	AES LUSK	200301	Non Hazardous	0.0275	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL285014		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
09/11/2018	AES LUSK	200301	Non Hazardous	0.123999999	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL2826		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
23/11/2018	AES LUSK	200301	Non Hazardous	0.081000003	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL285278		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/11/2018	AES LUSK	200108	Non Hazardous	0.05	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL283782		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
28/11/2018	AES LUSK	200108	Non Hazardous	0.0475	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTL287554		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
05/12/2018	AES LUSK	200301	Non Hazardous	0.164	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL288544		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
05/12/2018	AES LUSK	200301	Non Hazardous	0.129999999	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL288543		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	0.24	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116988		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
19/12/2018	AES LUSK	200301	Non Hazardous	0.101	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL291837		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
19/12/2018	AES LUSK	200301	Non Hazardous	0.025	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	RTL291836		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
07/12/2018	AES LUSK	200301	Non Hazardous	0.063	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTL288975		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/ Permit No. and Address	Actual Address of Final Destination n.i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
21/12/2018	AES LUSK	200301	Non Hazardous	0.187	Commercial Mixed Recyclable Waste	R5	N/A	N/A	N/A	RTLU292346		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/12/2018	AES LUSK	200108	Non Hazardous	0.037	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU291019		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
31/12/2018	AES LUSK	200108	Non Hazardous	0.0335	Commercial biodegradable kitchen and canteen waste	R3	N/A	N/A	N/A	RTLU296384		RECYCLING	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/12/2018	AES LUSK	200301	Non Hazardous	5.96	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116886		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/12/2018	AES LUSK	200301	Non Hazardous	0.98	Municipal Metals	R4	N/A	N/A	N/A	JTLU116886		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
12/12/2018	AES LUSK	200301	Non Hazardous	4.81	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116736		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
12/12/2018	AES LUSK	200301	Non Hazardous	0.79	Municipal Metals	R4	N/A	N/A	N/A	JTLU116736		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	4.92	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116891		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	0.8	Municipal Metals	R4	N/A	N/A	N/A	JTLU116891		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	8.29	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116953		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	1.35	Municipal Metals	R4	N/A	N/A	N/A	JTLU116954		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	6.8	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116954		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	1.1	Municipal Metals	R4	N/A	N/A	N/A	JTLU116954		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	4.68	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116993		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
13/12/2018	AES LUSK	200301	Non Hazardous	0.76	Municipal Metals	R4	N/A	N/A	N/A	JTLU116993		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	4.99	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116994		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	0.81	Municipal Metals	R4	N/A	N/A	N/A	JTLU116994		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	10.13	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116995		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	1.65	Municipal Metals	R4	N/A	N/A	N/A	JTLU116995		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	5.95	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU116996		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	0.97	Municipal Metals	R4	N/A	N/A	N/A	JTLU116996		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	4.93	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU117121		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
14/12/2018	AES LUSK	200301	Non Hazardous	0.81	Municipal Metals	R4	N/A	N/A	N/A	JTLU117121		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06

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Date	Transfer Destination	European Waste Code	Haz/Non Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	WTF No.	TFS No.	UN No.	Ticket No.	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination facility	Haz Waste: Address of Next Destination Facility	Name and License/Permit No. and Address	Actual Address of Final Destination i.e.	Collection Permit No.
											M/C/E	Method Used		Non Haz Waste: Name and	Non Haz Waste: Address of			
17/12/2018	AES LUSK	200301	Non Hazardous	4.33	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU117183		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/12/2018	AES LUSK	200301	Non Hazardous	0.71	Municipal Metals	R4	N/A	N/A	N/A	JTLU117183		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
17/12/2018	AES LUSK	200301	Non Hazardous	9.13	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU117206		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/12/2018	AES LUSK	200301	Non Hazardous	1.49	Municipal Metals	R4	N/A	N/A	N/A	JTLU117206		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
17/12/2018	AES LUSK	200301	Non Hazardous	11.09	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU117144		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
17/12/2018	AES LUSK	200301	Non Hazardous	1.81	Municipal Metals	R4	N/A	N/A	N/A	JTLU117144		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
18/12/2018	AES LUSK	200301	Non Hazardous	12.04	Commercial Mixed Municipal Waste	R1	N/A	N/A	N/A	JTLU117207		RECOVER	IRELAND	Thornton's Recycling W0044-02	KILEEN ROAD			NWCPO-08-10601-06
18/12/2018	AES LUSK	200301	Non Hazardous	1.96	Municipal Metals	R4	N/A	N/A	N/A	JTLU117207		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
17/12/2018	AES LUSK	200140	Non Hazardous	3.84	Municipal Metals	R4	N/A	N/A	N/A	JTLU117392		RECYCLING	IRELAND	AES Lusk W0222-01	Blakescross, Dublin K45 T027			NWCPO-08-10601-06
02/02/2018	KMK Metals	160214	Non Hazardous	0.24	IT PERIPHERALS MIXED NON-HAZARDOUS	R12	N/A	N/A	N/A	N/A		RECYCLING	IRELAND	KMK Recycling	Cappincur Industrial Estate, Daingean Road, Tullamore, Offaly R35 NY29			NWCPO-08-10607-02
14/05/2018	KMK Metals	160214	Non Hazardous	0.315	IT PERIPHERALS MIXED NON-HAZARDOUS	R12	N/A	N/A	N/A	N/A		RECYCLING	IRELAND	KMK Recycling	Cappincur Industrial Estate, Daingean Road, Tullamore, Offaly R35 NY29			NWCPO-08-10607-02
15/06/2018	KMK Metals	160214	Non Hazardous	0.185	IT PERIPHERALS MIXED NON-HAZARDOUS	R12	N/A	N/A	N/A	N/A		RECYCLING	IRELAND	KMK Recycling	Cappincur Industrial Estate, Daingean Road, Tullamore, Offaly R35 NY29			NWCPO-08-10607-02
13/08/2018	KMK Metals	160214	Non Hazardous	0.215	IT PERIPHERALS MIXED NON-HAZARDOUS	R12	N/A	N/A	N/A	N/A		RECYCLING	IRELAND	KMK Recycling	Cappincur Industrial Estate, Daingean Road, Tullamore, Offaly R35 NY29			NWCPO-08-10607-02
09/11/2018	KMK Metals	160214	Non Hazardous	0.516	IT PERIPHERALS MIXED NON-HAZARDOUS	R12	N/A	N/A	N/A	N/A		RECYCLING	IRELAND	KMK Recycling	Cappincur Industrial Estate, Daingean Road, Tullamore, Offaly R35 NY29			NWCPO-08-10607-02

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Date	Docket No.	Description of Waste	Haz/Non Hazardous	WTF	EWC Code	Quantity (weight / volume)	Waste Treatment Operation	Method Used	Name of Recoverer/Disposer/Broker	Address of Recoverer/Disposer	Waste Licence/Permit No. of Recoverer/Disposer/Broker	Collection Permit No.	Name and Address of Final Destination. i.e Final recovery/disposal site (Haz waste only)	Licence/Permit No. of Final Destination i.e Final recovery/disposal site (Haz waste only)	Cert. of Disposal Number	Cert. of Disposal Received
28/02/2018	4114636	Oily Water	Hazardous	DCC081264	13 05 07*	8	R13	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4114636	yes
26/02/2018	3203293	Collection of Solid Oily Waste	Hazardous	SDC027347	15 02 02*	0.588	R1	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Lindenschmidt, Germany	E97095037	3203293	yes
26/02/2018	3203293	Collection of Aerosols	Hazardous	SDC027347	16 05 04*	0.02	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Remondis, Germany	HRB590346	3203293	yes
26/02/2018	3203293	Collection of Empty Steel Drums	Hazardous	SDC027347	15 01 10*	0.015	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-02	WCP-DC-08-1116-02	Midland Scrap Metal	WMP02/2008	3203293	yes
27/02/2018	4114635	Collection of Stone	Hazardous	DCC074216	17 05 03*	3.2	R5	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	4114635	Yes
25/05/2018	3205216	Collection of empty Barrels	Hazardous	SDC028684	15 01 10*	0.072	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-02	WCP-DC-08-1116-02	Midland Scrap Metal	WMP02/2008	3205216	Yes
25/05/2018	3205216	Collection of Fluorescent tubes	Hazardous	SDC028684	20 01 21*	0.06	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-02	WCP-DC-08-1116-02	Irish Lamp Recycling, Athy	WFP-KE-08-0348-01	3205216	yes
25/05/2018	3205216	Collection of Batteries	Hazardous	SDC028684	16 06 01*	0.06	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-02	WCP-DC-08-1116-02	Campine, Belgium	MLAV/05-173/GVDA	3205216	yes
27/05/2018	7102742	Collection of Soil	Hazardous	DCC075871, DCC075780, DCC075888, DCC075889, DCC075890, DCC075891	17 05 03*	108.08	R5	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	7102742	Yes
20/08/2018	4115636	Oily Water	Hazardous	DCC081264	13 05 07*	5.18	D9-R13	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4115636	yes
22/08/2018	4115643	Oily Water	Hazardous	DCC081265	13 08 02*	10.12	D9-R13	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4115643	yes
22/08/2018	4115643	Oily Water	Hazardous	DCC081267	13 08 02*	10.18	D9-R13	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4115643	yes
12/09/2018	3207778	Collection of Batteries	Hazardous	DLR021098	16 06 01*	0.461	R4	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Campine, Belgium	MLAV/05-173/GVDA	3207778	yes
21/11/2018	4116184	Oily Water	Hazardous	DCC085104	13 08 02*	4	D9-R13	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4116184	yes

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29/01/2018	4116234	Sewage	Non Haz	N/A	20 03 06	0.1	D9	Recovery	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Ringsend Treatment Works	N/A	4116234	yes
10/12/2018	4116294	Sump Waste	Hazardous	DCC085731	13 08 02*	18.400	D9	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	ENVA Ireland Ltd, JFK Industrial Estate, JFK Road, Naas Road, Dublin 12	W0184-2	4116294	yes
10/12/2018	4116294	Sump Waste	Hazardous	DCC085731	13 08 02*	8.980	D9	Recycling	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	4116294	yes
14/12/2018	4116321	Ammonina Washings	Hazardous	DCC086401	06 02 05*	2.16	D9	Disposal	ENVA Ireland Ltd	Clonminam Ind Estate, Portlaoise, Co Laois	W0184-2	WCP-DC-08-1116-02	Enva Ireland Ltd, Smithstown, Shannon, Co. Clare	W0041-01	4116321	yes

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Description	EWC Code	Weight (Tonnes)	Disposal Code	Waste Contractor	Ireland/Abroad	Address of final destination	Waste Origin
Asbestos	170503*	732.8	D5	Rilta Environmental	Northern Ireland	Cottonmound Landfill, Mallusk Road, Newtownabbey, Northern Ireland.	Concrete pipe and tiles located in access ramps (Stockpiles 1 and 2) and pipe sleeve from broken out pipe stands with concrete rubble pile (Stockpile 3)
Mixed Metal	170407	147.5	R4	Hammond Land	Spain	Megasa Siderurgica Sl. L Coruna, Spain	Various - tank, pipelines decommissioning waste.
Cables	170411	0.66	R4	Hammond Land	Spain	Megasa Siderurgica Sl. L Coruna, Spain	Electrical cables
Solid oily waste	150202*	0.84	R3	Rilta		Chamusca Portugal	Oily rags
Other fuels (Incl.mixtures) Ship line	130703*	68.02	D9/R13	Enva	Ireland		Oily Waste from HFO Line
Diesel Tank D2 washings	130703*	6.22	R9	Enva	Ireland		Diesel Tank D2 washings
Concrete contaminated	170106*	525.8	R 5	Rilta Environmental	Netherlands	Theo Pouw Secundaire Bouwstoffen B.V., Kwelderweg 15 NL 9979 XN Eemshaven, The Netherlands	
Aqueous Waste	161001*	122.5	D9	Rilta Environmental	Ireland	Rilta Facility	Tank Cleaning
Soil - Rilta	170503*	57.92	R5	Rilta	Norway	NOAH AS, Lamgoya, Norway, IE319272 L1	Contaminated drain sludge
Septic	200304*	64.7	D8	Boyne Valley Waste NWCPO-09-06398-02	Ireland	Dublin City Council WWTW, Ringsend, Dublin 4	Site Septic Tank waste
General Waste Thorntons	200301*	2	R1	Thorntons NWCPO-09-01190-04	Ireland	Killeen road, dublin 10 waste transfer facility permit no. mdr wfp-dc-10-10021-07	General waste from NORA site
General Waste AES	200301*	13.92	R1	AES Ireland NWCPO-08-10601-06	Ireland	Covanta WTE Pigeon House Road Dublin. W0232-01	General waste from NORA site
Shotblast	120117*	5.76	D1	Thorntons Recycling - NWCPO-09-01190-02	Ireland		Shotblast from Diesel Tanks Cleaning

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21/02/2018	C28766	Mixed Metals	Non Haz	17 04 07	1.12	R4	Recycling	Clearcycle Metals	Ballysimon Road, Limerick, Ireland	WFP-LKC-11-001-01
24/02/2018	C22602	Mixed Metals	Non Haz	17 04 07	3.02	R4	Recycling	Clearcycle Metals	Ballysimon Road, Limerick, Ireland	WFP-LKC-11-001-01
30/05/2018	C30407	Mixed Metals	Non Haz	17 04 07	2.1	R4	Recycling	Clearcycle Metals	Ballysimon Road, Limerick, Ireland	WFP-LKC-11-001-01

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