


Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0229-01
Name of site	Advanced Environmental Solutions (AES) Ireland Ltd.
Site Location	Ballygillane Big, Ballyknockan, St. Helens, Kilrane, Rosslare
NACE Code	3821
Class/Classes of Activity	3,13, 3.11, 3.12, 4.13, 4.2, 4.3, 4.4
National Grid Reference (6E, 6 N)	-6.34359, 52.2398
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year <b>and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.</b>	Waste activities did not change significantly since the last reporting year (2015). Waste is accepted to site as per the sites Waste Licence (W0229-01). Waste activities at the site include temporary storage of wastes, sorting of waste to ensure correct segregation, and baling of recyclables (e.g. cardboard). There were no major infrastructure changes to the facility during 2015. All waste processing occurs indoors. There was 2 No. exceedence of licence limits for dust monitoring and 5 no. exceedence of licence limits for noise during 2015. There are no specified emission limits for surface waters in Waste Licence (W0229-01) as there is no direct discharge from the site in to the nearest surface water feature.

**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.

	08.04.16
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

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

	Additional information
Yes	

**Periodic/Non-Continuous Monitoring**

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

Yes	Exceedance of dust levels specified in licence.
-----	---

3 Was all monitoring carried out in accordance with EPA [Basic air monitoring checklist](#) and using the basic air monitoring checklist? [AGN2](#)

Yes	Monitoring was in accordance with standard VDI 2119.
-----	--

**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 therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
A2-1	Total Particulates	Three times a year	350mg/m2/day	SELECT	545	mg/m2/day	no (if no please enter details in comments box)	Gravimetric		Exceedance of licence limit of 350mg/m2/day with a result of 1205mg/m2/day in sample round 1
A2-2	Total Particulates	Three times a year	350mg/m2/day	SELECT	90	mg/m2/day	yes	Gravimetric		
A2-3	Total Particulates	Three times a year	350mg/m2/day	SELECT	834	mg/m2/day	no (if no please enter details in comments box)	Gravimetric		Exceedance of licence limit of 350mg/m2/day with a result of 2083 mg/m2/day in sample round 1
	Total Particulates			SELECT		mg/m2/day	SELECT	SELECT		

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

**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 3 and compare it to its relevant Emission Limit Value (ELV)

No	
----	--

**AIR-summary template**

Lic No:

W0229-01

Year

2015

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below

No

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

No

7 Did your site experience any abatement system bypasses? If yes please detail them in table 4 below

No

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

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

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

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

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

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

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

**Solvent use and management on site**

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

No

**Table A4: Solvent Management Plan Summary**  
**Total VOC Emission limit value**

[Solvent regulations](#) Please refer to linked solvent regulations to complete table 5 and 6

Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site	Total VOC emissions as %of solvent	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance
					SELECT

SELECT

**Table A5: Solvent Mass Balance summary**

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite	Total emission of Solvent to air (kg)
Total								

<b>AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)</b>		Lic No: W0229-01	Year
Yes	No		

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 surface water analysis and visual inspections

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

Additional information	
No	
No	

**Table W1 Surface water monitoring**

Emission reference no:	Emission released to	Parameter/ Substance <sup>Note 1</sup>	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments	Compliant with licence
							Date	Annual Average								
SW-1	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	No pH value shall deviate from the specified range.	7.66	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 H+B			yes
SW-1	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm @20oC <sup>Note 4</sup>	All results < 1.2 x ELV	832	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510B			yes
SW-1	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	38	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D	the following dates had results above the limit of 50mg/l 01/10/15, 15/10/15, 04/11/15, 03/12/15	no (if no please enter details in comments box)	
SW-1	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	43	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method			yes
SW-1	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	1.7	mg/L	no (if no please enter details in comments box)	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E	Elevated level detected on the 13/05/15	no (if no please enter details in comments box)	
SW-1	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 <sup>Note 3</sup>	All results < 1.2 x ELV	0.165	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"		Exceedance on the 15/01/15 and 03/12/15	no (if no please enter details in comments box)	
SW-2	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	No pH value shall deviate from the specified range.	7.6	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 H+B			yes
SW-2	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm @20oC <sup>Note 4</sup>	All results < 1.2 x ELV	715	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510B			yes
SW-2	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	27	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D	the following dates had results above the limit of 50mg/l 09/07/15, 30/07/15, 27/08/15, 03/09/15 03/12/15	no (if no please enter details in comments box)	
SW-2	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	34	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method			yes
SW-2	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	0.16	mg/L	no (if no please enter details in comments box)	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E	Elevated result on the 15/01/15	no (if no please enter details in comments box)	
SW-2	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 <sup>Note 3</sup>	All results < 1.2 x ELV	0.24	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"		Exceedance on the 13/05/15, 20/07/15, 03/12/15	no (if no please enter details in comments box)	
SW-3	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	No pH value shall deviate from the specified range.	7.6	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 H+B			yes

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)													Lic No:	W0229-01	Year	
SW-3	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm @20°C <sup>Note 4</sup>	All results < 1.2 x ELV	715	µS/cm @20°C	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510B			yes
SW-3	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	32	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D		the following dates had results above the limit of 50mg/l 23/07/15, 27/08/15	no (if no please enter details in comments box)
SW-3	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	32	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method			yes
SW-3	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>	All results < 1.2 x ELV	<0.01	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E			yes
SW-3	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status<0.065 <sup>Note 3</sup>	All results < 1.2 x ELV	0.21	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			Exceedance on the 15/01/15, 13/05/15, 20/07/15, 01/10/15, 22/10/15, 04/11/15, 03/12/15	no (if no please enter details in comments box)

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	SELECT	Additional information
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	SELECT	<a href="#">External/Internal Lab Quality checklist</a> <a href="#">Assessment of results checklist</a>

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

Emission reference no:	Emission released to	Parameter/ Substance <sup>Note 1</sup>	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
								Annual Average							

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  
 Note 3: S.I. No. 272/2009: European Communities Environmental objectives (Surface Waters) regulations  
 Note 4: S.I. No. 294/1989: European Communities (Quality of surface water intended for the abstraction of drinking water) Regulations.

**Continuous monitoring**

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

No	
----	--

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)	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT				
	SELECT	SELECT		SELECT	SELECT	SELECT				

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

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

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

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

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

Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to all bunds which failed the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below**

1 Please provide integrity testing frequency period

Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)

- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?

**Please list any sump integrity failures in table B1**

- 11 Do all sumps and chambers have high level liquid alarms?
- 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?

Additional information	
Yes	Last completed in December 2012 and found to be compliant
3 years	Tested March 2016
No	Only four bunds used onsite (Bund No. 1 for chemicals; Bund No. 2 for chemicals/oil; Bund No. 3 for oil; Bund No. 4 for oil)
	4
	4
	4 All bunds are mobile.
Yes	
	4
	0
	0
No	

**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)
Bund No.1	prefabricated	Steel	Chemicals			Hydraulic test	Tested for > 6 hours as per CIRIA	15/03/2016	Yes	Pass		SELECT	2019	
Bund No. 2	prefabricated	Steel	Chemical/Oil			Hydraulic test	*Construction Industry Research and Information Association" guidance document.	15/03/2016	Yes	Pass			2019	
Bund No. 3	prefabricated	Steel	Oil			Hydraulic test		15/03/2016	Yes	Pass			2019	
Bund No. 4	prefabricated	Steel	Oil			Hydraulic test		15/03/2016	Yes	Pass		SELECT	2019	

\* Capacity required should comply with 25% or 100% containment rule as detailed in your licence

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in

14 line with BS8007/EPA Guidance?

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

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

Commentary	
Yes	

**Pipeline/underground structure testing**

Are you required by your licence to undertake integrity testing on underground structures e.g. pipelines or sumps etc? If yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test**

2 Please provide integrity testing frequency period

Yes	
3 years	Pipeline Integrity Test scheduled April 2016

**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)
	Storm	concrete	No	SELECT	CCTV	Yes	Pass			Apr-16	SELECT
	Foul	pvc	No		CCTV	Yes	Pass			Apr-16	

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



**Groundwater/Soil monitoring template** Lic No: W0229-01 Year 2015

	Comments
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	no
2 Are you required to carry out soil monitoring as part of your licence requirements?	no
3 Do you extract groundwater for use on site? If yes please specify use in comment section	no
4 Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	no
5 Is the contamination related to operations at the facility (either current and/or historic)	N/A
6 Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	N/A
7 Please specify the proposed time frame for the remediation strategy	N/A
8 Is there a licence condition to carry out/update ELRA for the site?	N/A
9 Has any type of risk assessment been carried out for the site?	N/A
10 Has a Conceptual Site Model been developed for the site?	N/A
11 Have potential receptors been identified on and off site?	N/A
12 Is there evidence that contamination is migrating offsite?	N/A

**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**	% change in average concentration previous year +/-	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**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT				SELECT
							SELECT				SELECT

\* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

\*\*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)

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

**Groundwater/Soil monitoring template**      Lic No:      W0229-01      Year      2015

**Table 3: Soil results**

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

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

## Environmental Liabilities template

Lic No: W0229-01

Year

2015

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

		Commentary
1	ELRA initial agreement status	Required but not submitted ELRA was submitted to the Agency for approval on 15th October 2015
2	ELRA review status	AS Above
3	Amount of Financial Provision cover required as determined by the latest ELRA	To be agreed
4	Financial Provision for ELRA status	Submitted and not agreed by EPA
5	Financial Provision for ELRA - amount of cover	to be agreed
6	Financial Provision for ELRA - type	Other please specify to be determined
7	Financial provision for ELRA expiry date	No expiration specified. No expiration specified.
8	Closure plan initial agreement status	Required but not submitted DMP will be prepared and submitted to the Agency in 2016
9	Closure plan review status	Under reiew
10	Financial Provision for Closure status	Required but not Under Review
11	Financial Provision for Closure - amount of cover	No expiration Not yet determined
12	Financial Provision for Closure - type	Other please specify Parent Company Guarantee.
13	Financial provision for Closure expiry date	No expiration No expiration specified.

**Environmental Management Programme/Continuous Improvement Programme template** Lic No: W0229-01 Year 2015

Highlighted cells contain dropdown menu click to view		Additional Information	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	The Licensee holds a fully NSAI accredited Intergrated Management System incorporating Environmental (ISO 14001), Health and Safety (OHSAS 18000) and (Quality ISO9002). These management systems are maintained through on-site co-operation with the Environmental Officers and dedicated systems co-ordinators. They are audited on a bi-annual basis internally and externally on an annual basis.
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	Yes. An aspects register is maintained on-site and updated on an annual review basis.
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	Yes. Environmental Objectives and Targets are set on an annual basis.
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. Any member of the public can request access to such information

<b>Environmental Management Programme (EMP) report</b>					
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Additional improvements	Diversion of biodegradable waste from landfill. The quantity of BMW sent to landfill will be calculated on a quarterly basis to ensure that Diversion Targets are met.	90	BMW data completed on a quarterly basis for waste going to landfill to track on-going progress	Individual	Increased compliance with licence conditions
Energy Efficiency/Utility conservation	To improve the energy efficiency and reduce fuel consumption across the site through a number of initiatives. These are to include the review of collection routes to maximise fuel efficiency and the upgrade of insulation and roofing of buildings on site to reduce energy consumption.	60	On-going improvements. Rerouting of RCV runs due in Sept 2016 to reduce fuel use. CMS Supatrak currently attaining 6% fuel savings. New vehicles scheduled for purchase in 2016 to improve fuel usage	Section Head	Reduced emissions
Additional improvements	Maintenance of Intergrated Management Systems and continued monitoring of Licence compliance as outlined in Licence W0229-01	90	On-going requirement	Individual	Increased compliance with licence conditions
Additional improvements	Improvement of collection services offered including the roll-out of the Pay-by-Lift service and the Household Brown Bin services in line with Local Authority polices	70	Roll-out of brown bin collection service completed with monitoring of services to new customers/regions with Pay-by-Lift services roll out on-going.	Section Head	Improved Environmental Management Practices

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0229-01	Year	2015
Additional improvements	Continual diversion of odourous material from site	80	Diversion of odourous material from site to limit odour nuisance generation	Section Head	Less complaints		

1 Was noise monitoring a licence requirement for the AER period?

If yes please fill in table N1 noise summary below

2 Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?

[Noise Guidance note NG4](#)

3 Does your site have a noise reduction plan

Not Required

4 When was the noise reduction plan last updated?

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

**Table N1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
10-11/12/15	30 Mins	N1		56-61	60-64	44-48	76-80	No		Site: Trucks reversing in/out of waste sheds, Idling trucks and van on weigh bridge and near canteen. MEWP audible in shed nearest canteen. Waste separator moving between sheds Background: Cutting + grinding @ Murphy's garage. Passing traffic on local road- <b>Dominant Source</b> . Lorry's' entering/ exiting Glen Fuels and Perennial Freight yard. Birdsong and dog barking	No
10-11/12/15	30 Mins	N2		53-55	51-57	43-49	67-75	No		Site: Power washing of Skips. Lorry's entering/exiting site and idling @ weighbridge + associated rattling chains. Low level noise from the recycling shed occasionally faintly audible. Background: Occasional traffic on local road (90m). Intermittent cutting & grinding from Murphy's garage. Road traffic occasionally audible in the distance (N25). Occasional truck movement in Perennial Freight yard.- <b>Dominant Source</b>	Yes
10-11/12/15	30 Mins	N3		49-54	52-56	42-45	69-82	No		Site: Segregation of material in recycling shed. Lorry's entering/exiting yard: reverse alarms, chains rattling, revving engines etc. Background: Occasional passing traffic on nearby country road (15m). Distant traffic in background (N25). Occasional truck movement in Perennial Freight yard- <b>Dominant Source</b>	Yes

10-11/12/15	30 Mins	N4		54-57	57-60	43-45	75-78	No		Site: low level hum of operations within shed 1. Traffic entering/exiting site including chains rattling on skips. Background: Occasional dog barking. Heavy traffic on local road - <b>Dominant Source</b> Birdsong and dog barking	No
10-11/12/15	30 Mins	N5		53-67	57-64	45-52	72-88	No		Site: Low level hum of track machine segregating waste within Shed 3. Lorry's entering/exiting Shed 3 + idling on weighbridge + reversing alarms. Lorry unloading skip nearby (20m) during Round 2 measurement. Power washing of Skips and trucks. Noise of MEWP being used on Shed 1 roof during run 3 Background: Cutting + grinding @ Murphy's garage .Occasional passing traffic on local road, including Perennial Freight trucks. Glen Fuels truck passed by meter on run 3.- <b>Dominant Source</b>	No
10-11/12/15	30 Mins		N6	64-66	62-66	43-45	69-95	No		Site: Continuous low level hum from waste reception shed, audible during periods of low passing traffic. AES trucks entering/exiting site with skips and associated rattling chains and reversing alarms. Trucks. Noise of MEWP being used on Shed 1 roof during run 3 Background: Traffic on local road - <b>Dominant Source</b> . Occasional birdsong and dog barking.	No
10-11/12/15	30 Mins		N7	63-64	62-65	43-45	85-87	No		Site: Continuous low level hum from waste reception shed, faintly audible during periods of low passing traffic. AES trucks entering/exiting site with chains rattling. Lorry engines idling within the AES yard. Noise of MEWP being used on Shed 1 roof during run 3 Background: Intermittent passing traffic on local road, partially visible- <b>Dominant Source</b> . Occasional birdsong and dogs barking	No

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

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

nothing\*\*

\*\* please explain the reason for not taking action/resolution of noise issues? Noise exceedences at locations on 10-11/12/15 were attributed to activites occuring at off-site locations from third party activities.

Any additional comments? (less than 200 words)

## Resource Usage/Energy efficiency summary

Lic No:

W0229-01

Year

2015

## Additional information

1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below

	2008
SEAI - Large	
Industry Energy Network (LIEN)	
No	
Not Applicable	

Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information

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

3

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	2,893	3,790	24%	0
Total Energy Generated (MWHrs)	0	0	0	0
Total Renewable Energy Generated (MWHrs)	0	0	0	0
Electricity Consumption (MWHrs)	72	67.85	-6%	0
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		0
Light Fuel Oil (m3)	277.42	366.08	32	0
Natural gas (CMN)	0	0	0	0
Coal/Solid fuel (metric tonnes)	0	0	0	0
Peat (metric tonnes)	0	0	0	0
Renewable Biomass	0	0	0	0
Renewable energy generated on site	0	0	0	0

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

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

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

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

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

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



## Resource Usage/Energy efficiency summary

Lic No:

W0229-01

Year

2015

Table R4: Energy Audit finding recommendations

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

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

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

**Complaints and Incidents summary template** Lic No: W0229-01 Year 2015

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
12/08/2015	Odour		Complaint from Donal Garry of odour detected at dwelling in recent months, odour patrol undertaken	Could not validate this complaint as no specific dates received	Complete	12.08.15	
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year		0					
Total new complaints received during reporting year		1					
Total complaints closed during reporting year		1					
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
13/05/2015	Breach of ELV	Other location (A2-1)	1. Minor	Air	Other (add details)	High content of organic matter captured in sample	Normal activities	EPA	New			Complete		Low
13/05/2015	Breach of ELV	Other location (A2-3)	1. Minor	Air	Other (add details)	High content of organic matter captured in sample	Normal activities	EPA	New			Complete		Low
10 & 11/12/2015	Breach of ELV	Other location (N-1)	1. Minor	Air	Other (add details)	The exceedence in the ELV for noise at location N-1 was attributed to both on-site and offsite, third party activities and road traffic. Passing traffic was the dominant source.	Normal activities	EPA	New			Complete		Low
10 & 11/12/2015	Breach of ELV	Other location (N-4)	1. Minor	Air	Other (add details)	The exceedence in the ELV for noise at location N-1 was attributed to both on-site and offsite, third party activities and road traffic. Road traffic was the dominant source.	Normal activities	EPA	New			Complete		Low
10 & 11/12/2015	Breach of ELV	Other location (N-5)	1. Minor	Air	Other (add details)	The exceedence in the ELV for noise at location N-1 was attributed to both on-site and offsite, third party activities and road traffic. Passing fuel truck was the dominant source	Normal activities	EPA	New			Complete		Low
10 & 11/12/2015	Breach of ELV	Other location (N-6 NSL)	1. Minor	Air	Other (add details)	The exceedence in the ELV for noise at location N-1 was attributed to both on-site and offsite, third party activities and road traffic. Traffic on local road was the dominant source	Normal activities	EPA	New			Complete		Low
10 & 11/12/2015	Breach of ELV	Other location (N-7 NSL)	1. Minor	Air	Other (add details)	The exceedence in the ELV for noise at location N-1 was attributed to both on-site and offsite, third party activities and road traffic.	Normal activities	EPA	New			Complete		Low

Complaints and Incidents summary template		Lic No:	W0229-01	Year	2015
Total number of incidents current year					7
Total number of incidents previous year					1
% reduction/increase					700%

<b>WASTE SUMMARY</b>	Lic No:	W0229-01	Year	2015
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>	PRTR facility logon	dropdown list click to see options		

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

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your 1 boundaries is to be captured through PRTR reporting)

Yes	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 <b>Please enter an accurate and detailed description - which applies to European Waste Catalogue EWC codes</b>	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 -
23,000	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	17.96	83.556	-79%	Outsourcing domestic and commercial collections to third party contractors to minimise fuel consumption and reduce carbon footprint.	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	8	
23,000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden Packaging	14.69	4.1	258%	Improved classification of waste streams	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	15 01 05	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Composite Packaging	1.84	8	-77%	Decrease in composite packaging collected in 2015	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	15 01 06	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed Packaging	34.82	47.656	-27%	Decrease in mixed packaging from these sources in 2015	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	16 02 14	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Waste from Electrical Equipment	0	2.4	-100%	No electrical equipment waste collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	17 01 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Concrete	12.78	57.12	-78%	Decrease in concrete from C&D sources collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mix of Concrete Bricks Tiles & Ceramics (Non Hazardous)	89.76	486.84	-82%	Decrease in Mix of concrete, bricks & tiles from C&D sources collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Wood from C & D	77.8	226.618	-66%	Decrease in wood from C&D sources collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	6	

WASTE SUMMARY		Lic No:		W0229-01		Year		2015				
	23,000	17 02 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Municipal Plastic	0	0	No municipal plastic from C&D sources collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)			
4	23,000	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Metals	8.82	6	47%	Diversion of wastes from site to ensure that licensed tonnages adhered to.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	2	
	23,000	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil and stones	392.924	527.269	-25%	Diversion of wastes from site to ensure that licensed tonnages adhered to.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	1	
5	23,000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Waste (Non Hazardous)	180.72	154.26	17%	Diversion of wastes from site to ensure that licensed tonnages adhered to.	10%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	30	
	23,000	19 12 01	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Paper & Cardboard	0	0.28	-100%	Improved classification of waste streams	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
6	23,000	19 12 09	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Minerals (sand & stones)	0	4.08	-100%	No minerals, sand or stones collected during 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
7	23,000	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Paper & Cardboard	653.797	125.65	420%	Increase in municipal paper & cardboard collected in 2015.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
8	23,000	20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textiles	40.295	6.12	85%	Increase in textiles collected in 2015.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	23,000	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Plastic	51.43	20.76	148%	Increase in municipal plastic collected in 2015.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	8	
	23,000	20 02 01	(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY	Garden & Park Waste (Green Waste)	4.74	24.19	-80%	Decrease in Garden & Park Waste requiring collection in 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	23,000	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Paper & Cardboard Packaging	177.453	554.473	-68%	Improved classification of waste streams	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	37	

WASTE SUMMARY		Lic No:		W0229-01		Year		2015		
23,000	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed glass packaging (Commercial)	52.65	31.268	41%	Improved classification of waste streams	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	1.6
23,000	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed glass packaging (Domestic)	137.312	125.072	9%	Minimal difference between 2014 and 2015.	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	6.4
23,000	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Kitchen & Canteen Waste (Commercial)	92.26	202.779	-55%	Improved classification of waste streams	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
23,000	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Kitchen & Canteen Waste (Domestic)	1073.79	811.114	32%	Rollout of brown bin waste collection to areas not previously serviced for brown bin.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	15
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Commercial)	6017.662	3227.398	86%	Improved classification of waste streams	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	13
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Domestic)	6529.984	12909.592	-49%	Improved classification of waste streams	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	52
23,000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Commercial)	701.35	471.69	49%	Improved classification of waste streams	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
23,000	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Domestic)	2224.938	1886.76	18%	Improved classification of waste streams	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
23,000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Cleaning Residues	441.782	846.459	-48%	Decrease in street-cleaning residues collected in 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
23,000	20 13 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Non-hazardous WEEE	3.02	0	100%	Increase in WEEE collected in 2015	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
23,000	20 13 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Wood	22.486	0	100%	Improved classification of waste streams	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	

WASTE SUMMARY		Lic No:		W0229-01		Year		2015		
23,000	20 13 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Metals	4.42	0	100%	Improved classification of waste streams	N/A	R4- Recycling/reclamation of metals and metal compounds	
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Recyclable Waste (Commercial)	1402.938	0	100%	Improved classification of waste streams	65%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	2
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Recyclable Waste (Domestic)	2551.727	0	100%	Improved classification of waste streams	65%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	8

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	

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

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

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

Table 5 Capping-Landfill only

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

\*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

SELECT

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

SELECT

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	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 / Kw/h)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	



Environmental Protection Agency

| PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2015.xls | Return Year : 2015 |

[Guidance to completing the PRTR workbook](#)

# PRTR Returns Workbook

Version 1.1.19

<b>REFERENCE YEAR</b>	2015
-----------------------	------

## 1. FACILITY IDENTIFICATION

Parent Company Name	Advanced Environmental Solutions (Ireland) Limited
Facility Name	Advanced Environmental Solutions (Ireland) Limited (Wexford)
PRTR Identification Number	W0229
Licence Number	W0229-01

### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Ballygillane Big/Ballyknockan
Address 2	St. Helens
Address 3	Kilrane
Address 4	Rosslare Harbour
	Wexford
Country	Ireland
Coordinates of Location	-6.34359 52.2398
River Basin District	IESE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
<b>AER Returns Contact Name</b>	Phoebe Dillane
<b>AER Returns Contact Email Address</b>	phoebe.dillane@bnm.ie
<b>AER Returns Contact Position</b>	Compliance Officer
<b>AER Returns Contact Telephone Number</b>	045439464
<b>AER Returns Contact Mobile Phone Number</b>	0872794952
<b>AER Returns Contact Fax Number</b>	045439489
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	7
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(c)	Installations for the disposal of non-hazardous waste
5(c)	Installations for the disposal of non-hazardous waste
50.1	General

## 3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	No
Have you been granted an exemption ?	



If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

**4. WASTE IMPORTED/ACCEPTED ONTO SITE**

[Guidance on waste imported/accepted onto site](#)

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
--	--

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2015.xls | Return Year : 2015 |

31/03/2016 13:53

**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

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

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

**Additional Data Requested from Landfill operators**

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

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

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2015.xls | Return Year : 2015 |

31/03/2016 13:54

**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

RELEASERS TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

**4.3 RELEASES TO WASTEWATER OR SEWER**

[Link to previous years emissions data](#)

| PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | File#

31/03/2016 13:54

**SECTION A : PRTR POLLUTANTS**

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2015.xls | Return Year : 2015

31/03/2016 13:54

**SECTION A : PRTR POLLUTANTS**

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

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

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

POLLUTANT		METHOD			Please enter all quantities in this section in KGs		
RELEASERS TO LAND		METHOD USED			QUANTITY		
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR#: W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2015.xls | Return Year : 2015 |

31/03/2016 13:55

Please enter all quantities on this sheet in Tonnes

50

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non.	Non Haz Waste: Address of Recover/Disposer		
Within the Country	13 01 05	Yes	0.0	non-chlorinated emulsions	R3	M	Weighed	Offsite in Ireland	RILTA Environmental Limited,W0192-03	Grant's Drive Greenogue Business Park Rathcoole,Block 402,Dublin,Dublin,Ireland	Enva Ireland Ltd (Dublin),W0196-01	Naas Rd,Dublin ,Ireland
To Other Countries	15 01 01	No	864.38	paper and cardboard packaging	R13	M	Weighed	Abroad	(MLM) ACN Europe,.	Adamson House Towers Business Park ,Wilmslow Road,Didsbury,Manchester M20 2YY,United Kingdom		
Within the Country	15 01 02	No	79.72	plastic packaging	R13	M	Weighed	Offsite in Ireland	Leinster Environmental ,WFP-LH-11-0002-01	Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	15 01 03	No	68.88	wooden packaging	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd TA PDM	Oldmilltown Industrial Estate,Naas,Co. Kildare,,Ireland		
Within the Country	15 01 04	No	0.0	metallic packaging	R4	M	Weighed	Offsite in Ireland	Ltd,WFP-KE-10-061-01	Molloy Metal Recycling,WFP-WX-11-0036-11	Enniscorthy...Co. Wexford,,Ireland	Ballycarney
Within the Country	15 01 07	No	182.07	glass packaging	R5	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Enniscorthy...Co. Wexford,,Ireland		
Within the Country	15 01 07	No	0.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco Limited,W0279-01	Osberstown Industrial Park Caragh Road Naas,Unit 4,Co. Kildare,Kildare,Ireland		
Within the Country	17 01 01	No	0.0	concrete	R13	M	Weighed	Offsite in Ireland	Paddy McGee (Wexford) Ltd,WFP-WX-10-0012-01	Ardinagh,Tagmon,County Wexford,,Ireland		
Within the Country	17 01 01	No	0.0	concrete	R13	M	Weighed	Offsite in Ireland	Paddy McGee (Wexford) Ltd,WFP-WX-10-0012-01	Ardinagh,Tagmon,County Wexford,,Ireland		
Within the Country	17 02 01	No	0.0	wood	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd TA PDM	Oldmilltown Industrial Estate,Naas,Co. Kildare,,Ireland		
Within the Country	17 04 07	No	40.59	mixed metals	R13	M	Weighed	Offsite in Ireland	Ltd,WFP-KE-10-061-01	Molloy Metal Recycling,WFP-WX-11-0036-11	Enniscorthy...Co. Wexford,,Ireland	
Within the Country	17 04 07	No	0.0	mixed metals soil and stones other than those mentioned	R13	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Enniscorthy...Co. Wexford,,Ireland		
Within the Country	17 05 04	No	648.59	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Paddy McGee (Wexford) Ltd,WFP-WX-10-0012-01	Ardinagh,Tagmon,County Wexford,,Ireland		
Within the Country	17 09 04	No	0.0	09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Paddy McGee (Wexford) Ltd,WFP-WX-10-0012-01	Ardinagh,Tagmon,County Wexford,,Ireland		
Within the Country	17 09 04	No	1470.178	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02	Recycling Centre,Dublin 10,D10,Ireland		
To Other Countries	19 12 01	No	0.0	paper and cardboard other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Abroad	(MLM) ACN Europe,.	Adamson House Towers Business Park ,Wilmslow Road,Didsbury,Manchester M20 2YY,United Kingdom		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	Nurendale ltd trading as PANDA Waste Services Ltd,W0039-02	Ballymount Cross Tallaght,,Dublin 24,D,24,Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02	Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	Greenstar Ltd Bray,W0053-03	La Vallee House,Fassaroe Bray,Co. Wicklow,,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
Within the Country	20 01 08	No	1079.118	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Waddock Composting Limited,WFP-CW-11-05-01	Killmaster,Waddock Composting Facility,Carlow,Co. Carlow,Ireland		
Within the Country	20 01 39	No	0.0	plastics	R11	M	Weighed	Offsite in Ireland	Leinster Environmental ,WP2008/06	Clermont Business Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	20 03 01	No	692.82	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	O'Toole Composting Ltd,WFP-CW-10-0003-01	Ballinrane,,Carlow,,Ireland		
Within the Country	20 03 01	No	155.68	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Greenstar Ltd Bray,W0053-03	La Vallee House,Fassaroe Bray,Co. Wicklow,,Ireland		
Within the Country	20 03 01	No	1127.36	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Drehid Waste Management Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Starrus Eco Holdings Ltd,W01116-02	Six Cross Roads,Carriganard,Butlerstown,Co. Waterford,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Ireland ,W0167-02	Carranstown,Duleek,County Meath,,Ireland		
Within the Country	20 03 01	No	1462.76	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	Killarney Waste Disposal (KWD) Ltd,W0217-01	Aughacurreen,Killarney ,Co. Kerry,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Navan ,W0131-02	Proudstown Road,Navan,CO. Meath,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Gortadroma Landfill Site,W0017-04	Ballymount Cross Tallaght,,Dublin 24,D,24,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Nurendale Ltd trading as PANDA Waste Services Ltd,W0039-02	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Oxygen Environmental Ltd,W0152-03	Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offally,Ireland		
Within the Country	20 03 01	No	2290.76	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Tullamore,W0104-03	Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,Ireland		
Within the Country	20 03 01	No	122.62	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02	Ballynagran,Coolbeg and Kilcandra,County Wicklow,,Ireland		
Within the Country	20 03 01	No	1449.4	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd,W0165-02	Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Coolatore,Ferns,Enniscoorthy, Co. Wexford,Ireland		
Within the Country	20 03 01	No	9324.94	mixed municipal waste	R5	M	Weighed	Offsite in Ireland	Murray Waste Recycling Ltd.,W0258-01	Unit 4&5,Cap Store,Belview Port Gorteens Slieverue,Co. Kilkenny,Ireland		
Within the Country	20 03 01	No	88.54	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	Glanway Ltd.,WFP-KK-14-0002-01	Kyletalesha,Portlaoise,County Laoise,,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	AES Portlaoise,W0194-02	Ballinavary,Davidstown,Enniscoorthy,,Ireland		
Within the Country	20 03 04	No	0.0	septic tank sludge	R3	M	Weighed	Offsite in Ireland	MT Plant Hire Ltd,WCP/WW/07/268/02	Ballyhahill,Limerick,County Limerick,,Ireland		
Within the Country	20 03 07	No	0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	Gortadroma Landfill Site,W0017-04	La Vallee House,Fassaroe Bray,Co. Wicklow,,Ireland		
Within the Country	20 03 07	No	1729.48	bulky waste	R13	M	Weighed	Offsite in Ireland	Greenstar Ltd Bray,W0053-03	Proudstown Road,Navan,CO. Meath,,Ireland		
Within the Country	20 03 07	No	0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	AES Navan ,W0131-02	Meath,,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						Haz Waste : Name and Licence/Permit No of Recover/Disposer	Non-Haz Waste: Address of Recover/Disposer		M/C/E	Method Used	Haz Waste : Name and Licence/Permit No of Recover/Disposer	
Within the Country	20 03 07	No	0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Ballycarney Enniscorthy,..Co. Wexford,..Ireland Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,Ireland		
Within the Country	20 03 07	No	0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02			

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