Facility Information Summary	
AER Reporting Year	2014
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 **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.	Waste activities did not change significantly since the last reporting year (2013). Waste is accepted to site as per Schedule A2. of 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 2014. All waste processing occurs indoors. There was 6 No. exceedence of licence limits for dust monitoring and 1 No. exceedence of licence limits for noise during 2014. 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.

Charlotte Greene	31.03.15
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template

Lic No: W0229-01 Year 2014

Answer all questions and complete all tables where relevant

			Additional information
1	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **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	No	

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 guidance note AG2 and using the basic air monitoring checklist? 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 yea	350mg/m2/day	SELECT	420	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 498mg/m2/day, 374mg/m2/day and 381mg/m2/day
A2-2	Total Particulates	Three times a yea	350mg/m2/day	SELECT	357	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 609mg/m2/day

AIR-summary template					Lic No:	W0229-01		Year	2014	
A2-3	Total Particulates	Three times a yea	350mg/m2/day	SELECT	686	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 873mg/m2/day and 498mg/m2/day
	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?	No	
	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)		
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 therof	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

AIR-summary template	Lic No:	W0229-01	Year	2014

* 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 therof	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 through	Total emission of Solvent to air (kg)
							Total	

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

Yes No

		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** licenced emissions you only need to complete table W1 and or W2 for surface water analysis and visual inspections	No
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	No

Table W1 Surface water monitoring

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 therof 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	Compliant with licence
							Date	Annual Average								
SW-1	Water	pH	discrete	Weekly	Weekly	6.0-9.0 Note 3	No pH value shall deviate from the specified range.	7.45	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 Note 4	All results < 1.2 x ELV	711	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 Note 4	All results < 1.2 x ELV	22	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 9/10/14 and 3/2/14	no (if no please enter details in comments box)
SW-1	Water	COD	discrete	Quarterly	Quarterly	40 mg/l Note 4	All results < 1.2 x ELV	23	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 Note 4	All results < 1.2 x ELV	<0.01	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN--E			yes
SW-1	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 Note 3	All results < 1.2 x ELV	3.07	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			Exceedance on the 3/7/14 and 02/10/14	no (if no please enter details in comments box)
SW-2	Water	pH	discrete	Weekly	Weekly	6.0-9.0 Note 3	No pH value shall deviate from the specified range.	7.5	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 Note 4	All results < 1.2 x ELV	712	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 Note 4	All results < 1.2 x ELV	25	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 9/10/14, 11/12/14, 10/9/14 and 3/2/14	no (if no please enter details in comments box)
SW-2	Water	COD	discrete	Quarterly	Quarterly	40 mg/l Note 4	All results < 1.2 x ELV	33	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method		Exceedance on the 3/7/14	no (if no please enter details in comments box)
SW-2	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l Note 4	All results < 1.2 x ELV	<0.01	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN--E			yes
SW-2	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 Note 3	All results < 1.2 x ELV	0.63	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			Exceedance on the 3/7/14	no (if no please enter details in comments box)
SW-3	Water	pH	discrete	Weekly	Weekly	6.0-9.0 Note 3	No pH value shall deviate from the specified range.	7.5	pH units	yes	pH Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 4500 H+B			yes
SW-3	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm @20oC Note 4	All results < 1.2 x ELV	712	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510B			yes

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

SW-3	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l[Note 4]	All results < 1.2 x ELV	25	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 9/10/14, 17/12/14, 9/7/14 and the 3/2/14	no (if no please enter details in comments box)
SW-3	Water	COD	discrete	Quarterly	Quarterly	40 mg/l[Note 4]	All results < 1.2 x ELV	217	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method		Exceedance on the 3/7/14 and 02/10/14	no (if no please enter details in comments box)
SW-3	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l[Note 4]	All results < 1.2 x ELV	0.24	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 [Note 3]	All results < 1.2 x ELV	0.30	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			Exceedance on the 3/7/14 and 02/10/14	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	External /Internal Lab Quality checklist	Assessment of results checklist	SELECT	

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 therof[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
							Date	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 Communites Environmental objectives (Surface Waters) regulations
Note 4: S.I No. 294/1989-European Communities (Quality of surfaace water intended for the abstraction of drinking water) Regulations.

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

Continuous monitoring

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

Lic No: W0229-01 Year 2013

Bund testing

dropdown menu click to see options

		Additional information
1	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**	Yes — Last completed in December 2012 and found to be compliant
2	Please provide integrity testing frequency period	3 years — Re-testing due in 2015
3	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)	No — Only three bunds used onsite (Bund No. 1 for chemicals; Bund No. 2 for chemicals/oil; Bund No. 3 for oil)
4	How many bunds are on site?	3
5	How many of these bunds have been tested witin the required test schedule?	3
6	How many mobile bunds are on site?	3 — All bunds are mobile.
7	Are the mobile bunds included in the bund test schedule?	Yes
8	How many of these mobile bunds have been tested witin the required test schedule?	3
9	How many sumps on site are included in the integrity test schedule?	0
10	How many of these sumps are integrity tested within the test schedule? **Please list any sump integrity failures in table B1**	0
11	Do all sumps and chambers have high level liquid alarms?	No
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	

Table B1: Summary details of bund /containment structure integrity test

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Bund No.1	prefabricated	Steel	Chemicals			Hydraulic test	Tested for > 6 hours as per CIRIA "Construction Industry Research and Information Association" guidance	03/12/2012	Yes	Pass		SELECT	2015	
Bund No. 2	prefabricated	Steel	Chemical/Oil			Hydraulic test		03/12/2012	Yes	Pass			2015	
Bund No. 3	prefabricated	Steel	Oil			Hydraulic test		03/12/2012	Yes	Pass		SELECT	2015	

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

		Commentary
14	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? bunding and storage guidelines	
15	Are channels/transfer systems to remote containment systems tested?	
16	Are channels/transfer systems compliant in both integrity and available volume?	

Pipeline/underground structure testing

1	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**	Yes	
2	Please provide integrity testing frequency period	3 years	Pipeline Integrity Test due in 2015

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				SELECT
	Foul	pvc	No		CCTV	Yes	Pass				

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

Groundwater/Soil monitoring template	Lic No:	W0229-01	Year	2014

			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 assesment 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 GTV's | Drinking water (private supply) standards | Drinking water (public supply) standards | Interim Guideline Values (IGV)

Groundwater/Soil monitoring template Lic No: W0229-01 Year 2014

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 2014

Click here to access EPA guidance on Environmental Liabilities and Financial provision

			Commentary
1	ELRA initial agreement status	Required but not submitted	ELRA currently being completed and will be submitted to the Agency for approval in 2015
2	ELRA review status		AS Above
3	Amount of Financial Provision cover required as determined by the latest ELRA	Not determined	Not determined
4	Financial Provision for ELRA status	Required but not submitted	AES is a wholly owned subsidiary of Bord na Mona Group and operates under Bord na Mona Resource Recovery Ltd. As such AES and Bord na Mona are currently investigating the ELRA requirements for all of our waste facilities and we expect to have an ELRA and DMP prepared for the facility within the next 6 months for submission and approval by the Agency.
5	Financial Provision for ELRA - amount of cover	Not determined	The environmental liabilities are those considered to be restricted to the confines of the facility, therefore, any costs incurred in addressing same will be limited to removal and safe disposal of waste remaining on-site following an emergency event (e.g. fire or spillage) or the decommissioning and closure of the site. Such environmental liabilities cover should account for the cost of the clean up and removal of the maximum amount of waste that may be stored on site at any given time. AES and Bord na Móna (parent company) have arranged insurance to cover the liability arising from damage to property and injury to parties as a result of sudden and unforeseen environmental impairment. AES have insurance cover for ''Business Interruption'' and have adequate reserves for the cost of removing the maximum amount of waste that may be stored on-site at any given time and to ensure that said material is transported to an authorised and capable facility. In the unlikely event of full decommissioning, financial reserves are available to allow a formal surrender of the licence ensuring that the inherent environmental safeguard associated with this regulatory process is activated.
6	Financial Provision for ELRA - type	Other please specify	Bord na Mona is investigating the possibilty of having a Parent Company Guarantee arrangement in place.
7	Financial provision for ELRA expiry date	No expiration specified.	No expiration specified.
8	Closure plan initial agreement status	Required but not submitted	
9	Closure plan review status		Under reivew
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 2014

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-oridinators. 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

Environmental Management Programme (EMP) report

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 inititives. These are to include the review of collection routes to maximise fuel efficieny and the upgrade of insulation and roofing of buildings on site to reduce energy consumption.	50	On-going improvements	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

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	W0229-01	Year	2014
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	

Noise monitoring summary report

Lic No: W0229-01 Year 2014

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below		Yes
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	Yes
3	Does your site have a noise reduction plan		No
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

Not Required

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
21-22/08/14	30 Mins	N1		62-64	47-50	66-67	80-84	No	No	Site: FLT loading artic lorry on nearby ramp + associated rev. alarm and banging pallet forks during Round 1.Traffic entering/exiting site beside meter (5m). Track machine segregating waste within reception shed. Truck engines left running near Reception & while on weighbridge. Skips entering/exiting into recycling shed: reverse alarms, chains rattling etc. Occasional movement of Volvo loading shovel about site.Background: Cutting + grinding @ Murphy's garage. Passing traffic on local road. Lorry's' entering/ exiting Glen Fuels.	No
21-22/08/14	30 Mins	N2		48-51	43-45	50-54	60-74	No		Site: Power washing of wheelie-bins. 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. Occasional truck movement in Perennial Freight yard.	Yes
21-22/08/14	30 Mins	N3		45-51	40-45	47-54	63-73	No		Site: Segregation of material in recycling shed. Lorry's entering/exiting yard: reverse alarms, chains rattling, revving engines etc. Background: Intermittent pneumatic air gun blasts from Murphy's garage. Occasional passing traffic on nearby country road (15m). Distant traffic in background	Yes
21-22/08/14	30 Mins	N4		51-55	39-50	56-59	68-70	No		Site: Continuous 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 (average 38 vehicles) - dominant.	Yes

21-22/08/14	30 Mins	N5		52-55	45-45	54-57	72-77	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 RoRo skip and reloading RoRo skip nearby (20m) during Round 3 measurement. Background: Occasional passing traffic on local road, including Perennial Freight trucks.	Yes
21-22/08/14	30 Mins		N6	54-55	34-40	57-59	71-75	No		Site: Continuous low level hum from waste reception shed, audible during periods of low passing traffic. AES trucks entering/exiting site with RoRo skips and associated rattling chains and reversing alarms. Background: Traffic on local road - dominant. Occasional dog barking.	Yes
	30 Mins		N7	53-54	38-46	55-56	72-76	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.Background: Intermittent passing traffic on local road, partially visible (average 66 vehicles) - dominant. Occasional birdsong.	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? nothing**

** please explain the reason for not taking action/resolution of noise issues? Noise exceedences at Location N1 on 22/08/14 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 2014

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	2008	
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	No	
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	Not Applicable	

SEAI - Large Industry Energy Network (LIEN)

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)	314	349	0	10%
Total Energy Generated (MWHrs)	0	0	0	0
Total Renewable Energy Generated (MW	0	0	0	0
Electricity Consumption (MWHrs)	81	72	0	-13%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		0
Light Fuel Oil (m3)	232.87	277.42	0	19
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^3yr):	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 2014

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 comm
			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 2014

Complaints

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	Additional information

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
31/07/2014	Odour		Complaint of odour outside the operational hours of the facility	Could not validate this complaint as the site was not operational on 31/07/14	Complete	31/07/2014	
	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

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

*For information on how to report and what constitutes an incident	What is an incident

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Liklihood of reoccurence
14/02/2014	Breach of ELV	Other location (A2-1)	1. Minor	Air	Other (add details)	High content of silts/solids captured in sample	Normal activities	EPA	New			Complete		Low
14/02/2014	Breach of ELV	Other location (A2-2)	1. Minor	Air	Other (add details)	High content of silts/solids captured in sample	Normal activities	EPA	New			Complete		Low
14/02/2014	Breach of ELV	Other location (A2-3)	1. Minor	Air	Other (add details)	Decomposed vegetation was observed to have been captured in the sample jar leading to an exceedence of the ELV.	Normal activities	EPA	New			Complete		Low
02/05/2014	Breach of ELV	Other location (A2-1)	1. Minor	Air	Other (add details)	High content of silts/solids captured in sample	Normal activities	EPA	New			Complete		Low
31/07/2014	Breach of ELV	Other location (A2-1)	1. Minor	Air	Other (add details)	High content of vegetation & insect matter within the sample	Normal activities	EPA	New			Complete		Low
31/07/2014	Breach of ELV	Other location (A2-3)	1. Minor	Air	Other (add details)	High content of vegetation & insect matter within the sample	Normal activities	EPA	New			Complete		Low
22/08/2014	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 activites.	Normal activities	EPA	New			Complete		Low

Total number of incidents current year	7
Total number of incidents previous year	1
% reduction/ increase	700%

WASTE SUMMARY	Lic No:	W0229-01	Year	2014
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		PRTR facility logon	dropdown list click to see options	

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

			Additional Information
1	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting) If yes please enter details in table 1 below	Yes	
2	Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	
3	Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code (European Waste Catalogue EWC codes)	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant** 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 -
23,000	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	83.556	112.79	-26%	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)		
23,000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden Packaging	4.1	1.92	114%	No explanation available.	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	8	0	100%	No composite packaging collected in 2013	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	15 01 06	ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed Packaging	47.656	0	100%	No composite packaging collected in 2013	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	2.4	0	100%	No electrical equipment waste collected during 2013	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	57.12	71.2	-20%	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)		
23,000	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mix of Concrete Bricks Tiles & Ceramics (Non Hazardous)	486.84	1101.92	-56%	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)		
23,000	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Wood from C & D	226.618	91.37	148%	No explanation available.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	17 02 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Municipal Plastic	0	1.04	-100%	No municipal plastic from C&D sources collected during 2014	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	2014			
4	23,000	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Metals	6	60.01	-90%	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)		
	23,000	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil and stones	527.269	116.04	354%	Increase in C&D Soil and stone waste generated in 2014	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
5	23,000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Waste (Non Hazardous)	154.26	251.8	-39%	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)		
	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	0.28	6.98	-96%	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)		
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)	4.08	0	#DIV/0!	No minerals, sand or stones collected during 2013	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	125.65	37.8	232%	Increase in municipal paper & cardboard collected in 2014.	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	6.12	2.54	58%	No explanation available.	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	20.76	3.68	464%	Increase in municipal plastic collected in 2014.	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	23,000	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND	Garden & Park Waste (Green Waste)	24.19	18.88	28%	Minimal difference between 2013 and 2014.	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	554.473	278.71	99%	Increase in paper & cardboard packaging collected during 2014	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	23,000	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed glass packaging	156.34	172	-10%	Minimal difference between 2013 and 2014.	100%	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	1013.893	53.2	1806%	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)		

WASTE SUMMARY				Lic No:	W0229-01	Year	2014				
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste	16136.99	17048.78	-5%	Minimal difference between 2013 and 2014.	N/A	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	2358.45	3147.58	-25%	Outsourcing domestic and commercial collections to third party contractors to minmise fuel consumption and reduce carbon footprint.	N/A	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	846.459	115.32	634%	Increase in street-cleaning residues collected in 2014	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

Table 3 General information-Landfill only

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

Table 4 Environmental monitoring-landfill onl Landfill Manual-Monitoring Standards

Was meterological 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 / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	

Environmental Protection Agency

Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2014

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
AER Returns Contact Name	Charlotte Greene
AER Returns Contact Email Address	charlotte.greene@bnm.ie
AER Returns Contact Position	Environmental Officer
AER Returns Contact Telephone Number	045 439492
AER Returns Contact Mobile Phone Number	087 7697465
AER Returns Contact Fax Number	045 439 489
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	7
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

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

This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR Link to previous years emissions data | PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229_2014_PRTR_30.03.15.xls | Return Year : 2014 | 10/04/2015 15:45

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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)

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD				QUANTITY		
			Method Used					
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

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**	
			Method Code	**Designation or Description**		
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

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 only co

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
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

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
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)

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT					QUANTITY			
			Method Used					
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

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			
			Method Used					
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 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			
			Method Used					
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

4.4 RELEASES TO LAND Link to previous years emissions data | PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229_2014_PRTR_30.03.15.xls | R 10/04/2015 15:47

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
			Method Used				
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)

RELEASES TO LAND					Please enter all quantities in this section in KGs		
POLLUTANT		METHOD			QUANTITY		
			Method Used				
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

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
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 12,Co.Dublin,.,Ireland
To Other Countries	15 01 01	No	553.16	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	17 04 07	No	21.46	mixed metals	R13	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Ballycarney Enniscorthy,.,Co. Wexford,.,Ireland		
Within the Country	15 01 02	No	75.275	plastic packaging	R13	M	Weighed	Offsite in Ireland	Leinster Environmental ,WFP-LH-11-0002-01	Clermont Business Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	15 01 07	No	51.16	glass packaging	R5	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Ballycarney Enniscorthy,.,Co. Wexford,.,Ireland		
Within the Country	15 01 03	No	11.34	wooden packaging	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd TA PDM Ltd,WFP-KE-10-061-01	Oldmilltown Industrial Estate,Naas,Co. Kildare,.,Ireland		
Within the Country	15 01 04	No	6.76	metallic packaging	R4	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Ballycarney Enniscorthy,.,Co. Wexford,.,Ireland		
Within the Country	15 01 07	No	128.5	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	80.58	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	132.92	wood	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd TA PDM Ltd,WFP-KE-10-061-01	Oldmilltown Industrial Estate,Naas,Co. Kildare,.,Ireland		
Within the Country	17 05 04	No	1120.9	soil and stones other than those mentioned in 17 05 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	44.52	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	830.26	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	Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,Ireland		
To Other Countries	19 12 01	No	97.14	paper and cardboard	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	18.96	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	986.7	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	Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,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 Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 01 08	No	891.47	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Waddock Composting Limited,WFP-CW-11-05-01	Killamaster,Waddock Composting Facility,Carlow,Co. Carlow,Ireland		
Within the Country	20 01 39	No	5.58	plastics	R11	M	Weighed	Offsite in Ireland	Leinster Environmental ,WP2008/06	Clermont Business Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	19 12 12	No	20.28	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		
Within the Country	20 03 01	No	6910.422	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	O'Toole Composting Ltd,WFP-CW-10-0003-01	Ballintrane,.,Carlow,.,Ireland		
Within the Country	20 03 01	No	639.8	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	1071.43	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	28.02	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	474.16	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	822.48	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	690.66	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	645.7	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Gortadroma Landfill Site,W0017-04	Gortadroma Ballyhahill Co. Limerick,.,Limerick,County Limerick,Ireland		
Within the Country	20 03 01	No	404.8	mixed municipal waste	R13	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	20 03 01	No	55.52	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Oxygen Environmental Ltd,W0152-03	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland		
Within the Country	20 03 01	No	2636.44	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Tullamore,W0104-03	Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offally,Ireland		
Within the Country	**20 03 01**	**No**	72.48	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02	Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,Ireland		
Within the Country	20 03 01	No	857.9	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Ltd,W0165-02	Ballynagran,Coolbeg and Kilcandra,County Wicklow,.,Ireland		
Within the Country	20 03 07	No	25.2	bulky waste	R13	M	Weighed	Offsite in Ireland	Gortadroma Landfill Site,W0017-04	Ballyhahill,Limerick,County Limerick,.,Ireland		
Within the Country	20 03 07	No	1397.54	bulky waste	R13	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	128.1	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling ltd,W0263-01	Ballymount Road,Walkinstown,Dublin 12,.,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 Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 03 07	No	0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	AES Navan ,W0131-02	Proudstown Road,Navan,CO. Meath.,.,Ireland		
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		
Within the Country	20 03 07	No	0.0 0.0	bulky waste	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02	Killeen Road Ballyfermot,Thorntons Recycling Centre,Dublin 10,D10,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 04 07	No	21.46	mixed metals	R13	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Ballycarney Enniscorthy,.,Co. Wexford,.,Ireland		
Within the Country	20 03 01	No	76.7	mixed municipal waste	R5	M	Weighed	Offsite in Ireland	Murray Waste Recycling Ltd.,W0258-01	Coolatore,Ferns,Enniscorthy, Co. Wexford,Ireland		
Within the Country	20 03 01	No	790.91	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	Glanway Ltd.,WFP-KK-14-0002-01	Unit 4&5,Cap Store,Belview Port Gorteens Slieverue,Co. Kilkenny,Ireland		
Within the Country	20 03 01	No	157.28	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	AES Portlaoise,W0194-02	Kyletalesha,Portlaoise,County Laoise,.,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	Ballinavary,Davidstown,Enniscorthy,.,Ireland		

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