

Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0229-01
Name of site	Advanced Environmental Solutions (AES) Ireland Ltd.
Site Location	Ballygillane Big, Ballyknockan, St. Helens, Kilrane, Rosslare Harbour, County Wexford
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</b> <u>listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.</u>	Waste activities did not change significantly since the last reporting year (2012). 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 2013. All waste processing occurs indoors. There was one exceedance of licence limits for dust monitoring during 2013; this occurred following the contamination of a 30-day gravimetric sample by bird droppings, which resulted in an elevated result.

**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.

	21st May 2014
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

**AIR-summary template** Lic No: W0229-01 Year 2013

Answer all questions and complete all tables where relevant

1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licensed emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Additional information	
No	There are no emissions to Air of environmental significance. Ambient monitoring for Dust is undertaken (three times per year) at locations agreed with the Agency.

**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.
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3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

No	Monitoring was in accordance with standard VDI 2119.
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**Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)**

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
A2-1	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	358	mg/m2/day	no (if no please ente	Gravmetric		Exceedance of licence limit of 350mg/m2/day with a result of 645mg/m2/day
A2-2	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	136	mg/m2/day	yes	Gravmetric		All results are within licence limits
A2-3	Total Particulates	Three times a year	350mg/m2/day	100 % of values < ELV	164	mg/m2/day	yes	Gravmetric		All results are within licence limits
	Total Particulates			SELECT		mg/m2/day	SELECT	SELECT		

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

<b>AIR-summary template</b>	Lic No: W0229-01	Year	2013
<b>Continuous Monitoring</b>			

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	
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	No	Not applicable
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	Not applicable
7 Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	No	Not applicable

**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

<b>AIR-summary template</b>		Lic No:	W0229-01	Year	2013
<b>Solvent use and management on site</b>					
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

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

Lic No: W0229-01

Additional information

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licensed emissions you only need to complete table W1 and or W2 for 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

No	
SELECT	

**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
							Date	Annual Average							
SW-1	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	SELECT	7.62	pH units	yes	pH Meter	APHA / AWWA	Method 4500 H+B		
SW-1	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm @20oC <sup>Note 4</sup>		739	µS/cm @20oC	yes	Conductivity Meter (Electrode)	APHA / AWWA "Standard Methods"	Method 2510B		
SW-1	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>		20	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D		On the 27/05/13 results for suspended solids exceed the limit of 50mg/l with a result of 84mg/l
SW-1	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>		20	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method		
SW-1	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>		<0.010	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E		
SW-1	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 <sup>Note 3</sup>		<0.02	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			
SW-2	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	SELECT	7.6	pH units	yes	pH Meter	APHA / AWWA	Method 4500 H+B		
SW-2	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm		744	µS/cm @20oC	yes	Conductivity Meter	APHA / AWWA	Method 2510B		
SW-2	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>		21	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D		On the 27/05/13 results for suspended solids exceed the limit of 50mg/l with a result of 84mg/l also on the 10/06/2013 sample exceed limit value with a result of 67mg/l
SW-2	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>		18	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method		
SW-2	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>		<0.010	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E		
SW-2	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 <sup>Note 3</sup>		0.07	mg/L	no (if no please enter details in comments box)	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"			24/01/2013 and 10/10/2013 sample exceed limit for Good status water 0.065 mg/l with a result of 0.07mg/l and 0.1mg/l.
SW-3	Water	pH	discrete	Weekly	Weekly	6.0-9.0 <sup>Note 3</sup>	SELECT	7.6	pH units	yes	pH Meter	APHA / AWWA	Method 4500 H+B		

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)														
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SW-3	Water	Conductivity	discrete	Weekly	Weekly	1000 µS/cm		745	µS/cm @20oC	yes	Conductivity Meter	APHA / AWWA	Method 2510B	
SW-3	Water	Suspended Solids	discrete	Weekly	Weekly	50 mg/l <sup>Note 4</sup>		21	mg/L	no (if no please enter details in comments box)	Gravimetric analysis	APHA / AWWA "Standard Methods"	2540D	On the 27/05/13 results for suspended solids exceed the limit of 50mg/l with a result of 96mg/l. Also on the 30/07/2013 limit was exceeded with a result of 107mg/l
SW-3	Water	COD	discrete	Quarterly	Quarterly	40 mg/l <sup>Note 4</sup>		27	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"	5220D, Closed Reflux, colourimetric method	
SW-3	Water	Mineral oils	discrete	Quarterly	Quarterly	0.010 mg/l <sup>Note 4</sup>		<0.010	mg/L	yes	GCMS (Gas Chromatography Mass Spectroscopy)		Method 4500-CN-E	
SW-3	Water	Ammonia (as N)	discrete	Quarterly	Quarterly	High Status<0.04 Good Status <0.065 <sup>Note 3</sup>		0.07	mg/L	yes	Spectrophotometry (Colorimetry)	APHA / AWWA "Standard Methods"		24/01/2013 and 01/07/2013 sample exceed limit for Good status water 0.065 mg/l with a result of 0.07mg/l and 0.09mg/l.

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.

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

Lic No: W0229-01

**Continuous monitoring**

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

No	Additional Information
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If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

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

No	Not applicable: no continuous monitoring equipment.
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8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

No
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**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							
N/A	SELECT	SELECT	N/A	SELECT	SELECT	SELECT	N/A	N/A							
N/A	SELECT	SELECT	N/A	SELECT	SELECT	SELECT	N/A	N/A							

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?
N/A	N/A	N/A	N/A	N/A	N/A	SELECT	N/A

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





		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?	no	
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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	SELECT	N/A	N/A	N/A	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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	SELECT	N/A	N/A	N/A	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)

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



**Environmental Liabilities template**

Lic No:

W0229-01

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

		Commentary
1	ELRA initial agreement status	Required but not submitted
2	ELRA review status	SELECT Not applicable
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify Not applicable
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	Specify  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 M6na (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 possibility of having a Parent Company Guarantee arrangement in place.
7	Financial provision for ELRA expiry date	Enter expiry date No expiration specified.
8	Closure plan initial agreement status	Required but not submitted
9	Closure plan review status	SELECT Not applicable
10	Financial Provision for Closure status	SELECT Not applicable
11	Financial Provision for Closure - amount of cover	Specify Not yet determined
12	Financial Provision for Closure - type	Other please specify Parent Company Guarantee.
13	Financial provision for Closure expiry date	Enter expiry date No expiration specified.

**Environmental Management Programme/Continuous Improvement Programme template** Lic No: W0229-01 Year 2013

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 Integrated Management System incorporating Environmental (to ISO 14001:2004), Health & Safety (OHSAS 18000) and Quality (ISO9002:2000). These management systems are maintained through onsite cooperation with the environmental officers and dedicated systems coordinators. 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 onsite 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	Continue to roll out Glass Bin collection service in the region.	90	Rollout of glass bin collection service completed; needs to be monitored for new customers/regions for collection.	Section Head	Increased compliance with licence conditions
Additional improvements	Pay-by-Lift service being offered to Household customers to incentivise the use of the more cost effective recycling and brown bins.	10	Issues encountered in ensuring accurate weights. Progress dependant upon calibration of weighing equipment by NSAI.	Section Head	Increased compliance with licence conditions
Additional improvements	Better segregation of recyclables to maximise recovery.	10		Section Head	
Additional improvements	Diversion of biodegradable waste from landfill - Continued Household Brown Bin being rolled out	90	Rollout of brown bin collection service completed; needs to be monitored for new customers/regions for collection.		
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.	50	Completed on a quarterly basis for waste going to Drehid.... Ongoing process.	Individual	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	W0229-01	Year	2013
Additional improvements	Environmental Monitoring - As per Waste Licence: Should any limits be exceeded, corrective actions to be implemented.	90	Ongoing process of monitoring and review.	Section Head		Increased compliance with licence conditions
Energy Efficiency/Utility conservation	Efficiency of Fuel Consumption - Continue to review collection routes in order to maximise efficiency of labour and fuel consumption.	10	Ongoing.	Section Head		Reduced emissions
Energy Efficiency/Utility conservation	Outsourcing domestic and commercial collections to third party contractors to minimise fuel consumption and reduce our carbon footprint.	50	Ongoing	Section Head		Reduced emissions
Additional improvements	Ongoing review of procedures, objectives & targets, records, training and aspects register.	90	Completed in 2013; ongoing requirement.	Section Head		Increased compliance with licence conditions
Energy Efficiency/Utility conservation	Insulate the admin building with a view to reducing energy consumption.	0	Not progressed during 2013 owing to financial implications.	Section Head		
Additional improvements	Continue internal training programme and assessment of training needs for all operational staff during 2013.	90	Completed in 2013.	Individual		Increased compliance with licence conditions
Additional improvements	Raise awareness with contractors of Environmental Policy of the site - Contractors Induction.	90	Completed in 2013; ongoing requirement.	Section Head		Increased compliance with licence conditions
Additional improvements	Environmental Compliance - Review licence conditions outlined within W0229-01 - Review licence conditions outlined within W0229-01.	90	Completed in 2013; need to monitor continuously.	Individual		Increased compliance with licence conditions
Additional improvements	Integrated Management Systems - To maintain existing ISO14001:2004 and OHSAS 18000:2007 standards and obtain ISO9001 standard for Quality Management System.	50	ISO9001 obtained; need to continue to maintain and improve IMS to standards achieved.	Section Head		Increased compliance with licence conditions

**Noise monitoring summary report**      Lic No: W0229-01      Year 2013

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

Not required.

4 When was the noise reduction plan last updated?

Not applicable.

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

No

**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)?
27/11/2013	08:18	N1	N6/N7	53	47	56	77	No	No		Yes
27/11/2013	12:08	N1	N6/N7	56	49	59	82	No	No	Site - Traffic entering/exiting site near meter (5m); Truck engines left running near reception. Background - Passing traffic on local road nearby (15m); lorry exiting Glen Fuels opposite; occasional dog barking.	Yes
28/11/2013	08:11	N1	N6/N7	55	45	57	77	No	No		Yes
27/11/2013	09:21	N2	N6/N7	51	46	53	69	No	No		Yes
27/11/2013	14:01	N2	N6/N7	50	46	51	66	No	No		Yes
28/11/2013	09:13	N2	N6/N7	49	44	51	68	No	No		Yes
27/11/2013	09:52	N3	N6/N7	48	40	51	69	No	No		Yes
27/11/2013	14:34	N3	N6/N7	54	45	54	85	No	No		Yes
28/11/2013	09:44	N3	N6/N7	52	42	51	89	No	No		Yes
27/11/2013	10:25	N4	N6/N7	52	33	54	77	No	No		Yes
27/11/2013	15:11	N4	N6/N7	53	36	57	79	No	No		Yes
28/11/2013	10:16	N4	N6/N7	54	44	57	75	No	No		Yes
27/11/2013	08:51	N5	N6/N7	52	47	53	75	No	No		Yes
27/11/2013	12:45	N5	N6/N7	53	42	54	89	No	No		Yes
28/11/2013	08:42	N5	N6/N7	50	43	52	73	No	No		Yes
27/11/2013	11:36	N6	N6/N7	54	41	57	75	No	No		Yes

27/11/2013	16:17	N6	N6/N7	55	44	56	84	No	No	Yes
28/11/2013	10:54	N6	N6/N7	54	40	55	85	No	No	Yes
27/11/2013	10:59	N7	N6/N7	55	36	57	80	No	No	Yes
27/11/2013	15:44	N7	N6/N7	53	40	56	81	No	No	Yes
28/11/2013	11:27	N7	N6/N7	54	43	56	77	No	No	Yes
								No		
								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?

SELECT

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

Tonal noise was not detected at any of the noise boundary locations. The average sound levels recorded at the noise sensitive locations (N6/N7) ranged from 53-55dB(A), none of which exceeded the waste licence limit of 55dB(A) for daytime noise emissions. The dominant source of noise was due to passing traffic on the nearby country road. One exceedence was noted during the second round of monitoring at location N1. The noise generated by trucks entering/exiting the site with chains rattling and idling on the weighbridge were deemed responsible for the slightly elevated result; round one monitoring was fully compliant and thus it was considered a momentary exceedence. The results of the noise monitoring survey would suggest that activities within the AES facility were not causing nuisance noise to the receiving noise sensitive locations on the date and time the survey took place.

**Resource Usage/Energy efficiency summary**

Lic No:

W0229-01

Year

2013

**Additional information**

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below  
  
 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information [SEAI - Large Industry Energy Network \(LIEN\)](#)
- 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

	2008
N/A	
N/A	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	0	0	0	0
Total Energy Generated (MWHrs)	0	0	0	0
Total Renewable Energy Generated (MWHrs)	0	0	0	0
Electricity Consumption (MWHrs)	107	81	0	-32%
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0		0
Light Fuel Oil (m3)	418	232.87	0	-44
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

Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Water Emissions		Water Consumption	
					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	0	0						
Surface water	0	0						
Public supply								
Recycled water	0	0						
Total								

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

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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	0	0	0	0	0
Non-Hazardous (Tonnes)	22549.74	3513.24	3289.42	15747.08	0



**Resource Usage/Energy efficiency summary**

Lic No:

W0229-01

Year

2013

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
N/A	N/A	N/A	SELECT	N/A	N/A	N/A	N/A	N/A
			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	N/A	N/A	N/A	N/A	N/A
Primary Fuel	N/A	N/A	N/A	N/A	N/A
Thermal Efficiency	N/A	N/A	N/A	N/A	N/A
Unit Date of Commission	N/A	N/A	N/A	N/A	N/A
Total Starts for year	N/A	N/A	N/A	N/A	N/A
Total Running Time	N/A	N/A	N/A	N/A	N/A
Total Electricity Generated (GWH)	N/A	N/A	N/A	N/A	N/A
House Load (GWH)	N/A	N/A	N/A	N/A	N/A
KWH per Litre of Process Water	N/A	N/A	N/A	N/A	N/A
KWH per Litre of Total Water used on	N/A	N/A	N/A	N/A	N/A

**Complaints and Incidents summary template** Lic No: W0229-01 Year 2013

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	Additional information Yes <input type="checkbox"/> Odour complaints <input type="checkbox"/>

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
17/05/2013	Odour		Odour complaint received by EPA and passed to AES.		Complete		
25/06/2013	Odour		Verbal odour complaint passed to AES.		Complete		
30/09/2013	Odour		Verbal odour complaint passed to AES.		Complete		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year		0					
Total new complaints received during reporting year		3					
Total complaints closed during reporting year		3					
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	Additional information Yes <input type="checkbox"/> Dust exceedence <input type="checkbox"/>

\*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
02/05/2013	Breach of ELV	Other location (please specify here)	1. Minor	No Uncontrolled release	Other (add details)	Waste from birds contaminated a dust jar sample, resulting in a breach of dust limits as per licence.	Normal activities	EPA	Recurring			Complete		Low
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT

Complaints and Incidents summary template		Lic No:	W0229-01	Year	2013
Total number of incidents current year					1
Total number of incidents previous year					1
% reduction/increase					0

<b>WASTE SUMMARY</b>	Lic No:	W0229-01	Year	2013
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>	PRTR facility <a href="#">login</a>	dropdown list click to see options		

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

Additional Information

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

Yes	
-----	--

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

No	
----	--

3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information

No	
----	--

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWG code	Source of waste accepted	Description of waste accepted <b>Please enter an accurate and detailed description - which 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	112.79	356.31	-68%	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	1.92	0	N/A	N/A	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	15 01 04	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Metallic Packaging	0.2	0	N/A	N/A	100%	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	71.2	0	N/A	N/A	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)	448.37	1101.92	-59%	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	91.37	147.11	-38%	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 03	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Municipal Plastic	1.04	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
23,000	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Metals	60.01	45.58	32%		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		2013	
23,000	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil and stones	116.04	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
23,000	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum Based Materials Plasterboard	2.04	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
23,000	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D Waste (Non Hazardous)	251.8	314.41	-20%	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	6.98	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
23,000	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Paper & Cardboard	37.8	61.35	-38%	Outsourcing domestic and commercial collections to third party contractors to minimise 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 01 10	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Clothing	2.46	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
23,000	20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textiles	2.54	12.9	-80%	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 35	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hazardous Electrical & Electronic Equipment	1.58	0	N/A	N/A	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	3.68	0.22	1573%	Very little municipal plastic collected in 2012.	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 INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Garden & Park Waste (Green Waste)	18.88	16.59	14%	Minimal difference between 2012 and 2013.	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		2013	
23,000	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Cleaning Residues	115.32	0	N/A	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
23,000	04 02 22	04- WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES	Waste from Processed Textiles	13.72	0	N/A	N/A	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	278.71	724.29	-62%	Outsourcing domestic and commercial collections to third party contractors to minimise 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	15 01 07	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Mixed glass packaging	172	225.23	-24%	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	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Kitchen & Canteen Waste (Domestic)	53.2	25.14	112%	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)
23,000	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste	17048.78	20547.48	-17%	Outsourcing domestic and commercial collections to third party contractors to minimise 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 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste	3147.58	3156.49	0%	N/A	N/A	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)

**SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES**

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

Yes	
SELECT	
Yes	

5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site

Yes	
Yes	
N/A	

6 Does your facility have relevant nuisance controls in place?

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

8 Do you maintain a sludge register on site?



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[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.18

<b>REFERENCE YEAR</b>	2013
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**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

Waste or IPPC Classes of Activity

No.	class_name
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.2	Recycling or reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
Address 1	Ballygillane Big/Ballyknockan
Address 2	St. Helens
Address 3	Kilrane
Address 4	Rosslare Harbour, County Wexford
	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>	John Egan
<b>AER Returns Contact Email Address</b>	john.egan@bnm.ie
<b>AER Returns Contact Position</b>	Environmental Officer
<b>AER Returns Contact Telephone Number</b>	045-439464
<b>AER Returns Contact Mobile Phone Number</b>	087-7958389
<b>AER Returns Contact Fax Number</b>	045-439489
<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>	0
<b>User Feedback/Comments</b>	
<b>Web Address</b>	http://www.aesirl.ie/

**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?	No
If applicable which activity class applies (as per Schedule 2 of the regulations)?	N/A
Is the reduction scheme compliance route being used?	N/A

**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](#)

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**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:

<b>Landfill:</b>		Advanced Environmental Solutions (Ireland) Limited (Wexford)			
<b>Please enter summary data on the quantities of methane flared and / or utilised</b>					
	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](#)

| PRTR# : W0229 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Wexford) | Filename : W0229\_2013\_PRTR.xls | Return Year : 2013 |

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**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		M/C/E	Method Used		QUANTITY			
No. Annex II	Name		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		M/C/E	Method Used		QUANTITY			
No. Annex II	Name		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		M/C/E	Method Used		QUANTITY			
Pollutant No.	Name		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#

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**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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description	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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description	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](#)

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SECTION A : PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY		
Name		M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
No. Annex II					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			QUANTITY		
Name		M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
Pollutant No.					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

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Please enter all quantities on this sheet in Tonnes

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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 05 03	Yes	25.03	interceptor sludges	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	209.2	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 01	No	17.86	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	AES Tullamore,W0104-02	Cappincur Industrial Estate,Daingean Road,Tullamore,Co. Offally,Ireland		
Within the Country	15 01 02	No	38.66	plastic packaging mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R13	M	Weighed	Offsite in Ireland	Leinster Environmental ,WFP-LH-11-0002-01	Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	17 01 07	No	447.38	01 06	R5	M	Weighed	Offsite in Ireland	Ardinagh Construction Waste,WFP-WX-10-0012-02	Ardinagh,Taghmon,..Co. Wexford,Ireland		
Within the Country	17 02 01	No	16.22	wood	R3	M	Weighed	Offsite in Ireland	Molloy Metal Recycling,WFP-WX-11-0036-11	Enniscorthy,..Co. Wexford,..Ireland		
Within the Country	17 09 04	No	173.32	09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Ardinagh Construction Waste,WFP-WX-10-0012-02	Ardinagh,Taghmon,..Co. Wexford,Ireland		
Within the Country	17 09 04	No	1050.02	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		
Within the Country	20 01 08	No	62.8	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Waddock Composting Limited,WFP-CW-11-05-01	Facility,Carlow,Co. Carlow,Ireland		
Within the Country	20 01 39	No	1.92	plastics	R11	M	Weighed	Offsite in Ireland	Leinster Environmental ,WP2008/06	Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	20 03 01	No	5675.04	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	2591.74	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 01	No	851.0	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	1035.48	mixed municipal 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	3289.42	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	2487.55	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Killarney Waste Disposal (KWD) Ltd,W0217-01	Aughacurreen,Killarney ,Co. Kerry,..,Ireland		
Within the Country	20 03 01	No	69.92	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Navan ,W0131-02	Proudstown Road,Navan,CO. Meath,..,Ireland		
Within the Country	20 03 07	No	2.2	bulky waste	R13	M	Weighed	Offsite in Ireland	Leinster Environmental ,WFP-LH-11-0002-01	Park,Haggardstown,Dundalk, Co. Louth,Ireland		
Within the Country	20 03 07	No	2247.35	bulky waste	R13	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	Non	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		Haz Waste: Address of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer			
					M/C/E	Method Used							
Within the Country	20 03 07	No	70.66	bulky waste	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01		Ballymount Road,Walkinstown,Dublin 12,,Ireland		
Within the Country	15 01 03	No	13.52	wooden packaging	R3	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	15 01 04	No	6.6	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	162.94	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 05 04	No	57.08	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Ardinagh Construction Waste,WFP-WX-10-0012-02		Ardinagh,Taghmon,..Co. Wexford,Ireland		
To Other Countries	19 12 01	No	24.94	paper and cardboard	R3	M	Weighed	Abroad	(MLM) ACN Europe., OD Recycling Ltd,WFP-TS-10-0002-01		Adamson House Towers Business Park ,Wilmslow Road,Didsbury,Manchester M20 2YY,United Kingdom		
Within the Country	19 12 09	No	23.9	minerals (for example sand, stones) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R5	M	Weighed	Offsite in Ireland	OD Recycling Ltd,WFP-TS-10-0002-01		Ballyboe,Kilsheelan,Clonmel, Co. Tipperary,Ireland		
Within the Country	19 12 12	No	45.68	11	R3	M	Weighed	Offsite in Ireland	OD Recycling Ltd,WFP-TS-10-0002-01		Ballyboe,Kilsheelan,Clonmel, Co. Tipperary,Ireland		
Within the Country	20 01 40	No	5.2	metals	R4	M	Weighed	Offsite in Ireland	Irish Metal Refineries,WFP-09-03-01		Unit 2 Duleek Business Park,Duleek,Co. Meath,,Ireland		
Within the Country	20 03 03	No	70.5	street-cleaning residues	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	552.52	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	113.96	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Nurendale Ltd trading as PANDA Waste Services Ltd,W00039-02		Ballymount Cross Tallaght,,Dublin 24,D.24,Ireland		
To Other Countries	20 03 01	No	24.74	mixed municipal waste	R13	M	Weighed	Abroad	Re-Gen Waste,22/25 (NI)		Shepherds Drive Cambane Industrial Estate Newry Co. Down,Unit 7,Newry,BT35 6JQ T 44,United Kingdom		
<b>Within the Country</b>	<b>20 03 01</b>	<b>No</b>	702.82	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 07	No	49.76	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	103.2	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	217.24	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		

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 : 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	15 01 03	No	10.98	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 Killeen Road Ballyfermot,Thorntons		
Within the Country	20 03 01	No	26.72	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited,W0044-02		Recycling Centre,Dublin 10,D10,Ireland		

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