

Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0027
Name of site	Pollboy Landfill
Site Location	Pollboy, Ballinasloe, Co.Galway
NACE Code	3821
Class/Classes of Activity	Third Schedule 4,5,6,7,11,13. Fourth Schedule 2,3,4,9,10,11,12,13.
National Grid Reference (6E, 6 N)	-8.22343 53.3127
<p>A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.</p> <p>Landfilling ceased at the site on 31st December, 2005 following a court ruling. The entire landfill facility covers an area of approx 23 ha. ha while Cell No.1 the lined cell has an approximate area of 3.6 ha. The unlined landfill portion of the site occupies an area of approximately 7.1 There is currently a civic amenity site in operation adjacent to the landfill site which is operated by Barna Waste. There were no landfilling activities or processes carried out at the site during 2015 except for monitoring as required by the Licence. Annual noise monitoring was not carried out in 2015, in agreement with the agency. The majority of surface water sampling points were within limits set for compliance parameters including chloride, conductivity, pH, dissolved oxygen, manganese and temperature. Elevated BOD, ammonia, COD, and Iron levels were recorded at SW1 and SW6. Elevated levels of TON, COD and Zinc were recorded at SW3 and SW4. Elevated levels of BOD, COD, Ammonia and Zinc were recorded at SW8. Levels of pH, temperature and TOC remained within interim guidelines set out for groundwater. A hydrological assessment was carried out in October 2013 that details groundwater interactions on site. Sampling of leachate was undertaken by the EPA in Q1, Q2, Q3 and Q4 in 2015. The leachate samples were obtained from the leachate lagoon. The results demonstrate that the levels are within the licence limits. The landfill gas in the old cell has been consistent over the past number of years, with the highest concentration of methane being measured in wells GW15,16 and 17. There were 6 no. gas wells replaced in Cell 1 in 2010 and are currently producing good quality gas. Gas is flared by a 750 m³/hr AFS Flare with a 850 m³/hr Haas Flare used as a back up.</p>	

Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

Signature <i>Kevin Mulreany</i> Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date <i>30/3/2016</i>
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Answer all questions and complete all tables where relevant

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

Additional information	
Yes	1 no. enclosed flare monitored on 5th August 2015.

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
- 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	
Yes	

Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
Landfill Flare	Carbon monoxide (CO)	Continuous	50 mg/m ³	SELECT	3.26	mg/m ³	yes	EN 15058:2006		
Landfill Flare	Nitrogen Oxides (Nox/NO2)	Annually	150 mg/m ³	SELECT	13.33	mg/m ³	yes	EN 14792:2006		
Landfill Flare	Total Organic Carbon (as C)	Annually	10 mgC/m ³	SELECT	3.37	mgC/m ³	yes	EN 12619:2013		
Landfill Flare	Hydrogen Chloride (HCL)	Annually	50 mg/m ³	SELECT	0.82	mg/m ³	yes	EN 1911:2010		
Landfill Flare	Hydrogen Fluoride (HF)	Annually	5 mg/m ³		0.96	mg/m ³	yes	EN 15713:2006		
Landfill Flare	Sulphur Dioxide (SO2)	Annually	1000 mg/m ³		21.61	mg/m ³	yes	TGN 21		
Landfill Flare	Oxygen				8.28	% v/v		EN 14789:2009		

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

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Continuous Monitoring					

4	Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)	Yes	Continuous monitoring required in Table D2.2 Landfill Gas Combustion Plant/Enclosed Flare
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	Yes	
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 A3 below	Yes	Bypass Flare in use at site

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
Flare	Volumetric Flow	NA	2015	100 % of values < ELV	m ³ /hr	208	296	106 hours 58 minutes		
Flare	Flare Temperature	1000 Degrees C	2015	100 % of values < ELV	°C	1010	1030	106 hours 58 minutes		
Flare	Carbon Dioxide	NA	2015	100 % of values < ELV	%	20	24	106 hours 58 minutes		
Flare	Carbon Monoxide	NA	2015	100 % of values < ELV	ppm	13.35	25	106 hours 58 minutes		
Flare	Methane	NA	2015	100 % of values < ELV	%	31.49	38	106 hours 58 minutes		
Flare	Oxygen	NA	2015	100 % of values < ELV	%	2.51	3.6	106 hours 58 minutes		

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
18/11/2015	2 hours	Gas diverted to bypass flare	Flare turned off during replacement of flare louvre door.	Low	None Required.
14/11/2015	15 minutes	Gas diverted to bypass flare	Power failure.	Low	None Required.
17/11/2015	11 minutes	Gas diverted to bypass flare	Power failure.	Low	None Required.
15/10/2015	14 hours	Gas diverted to bypass flare	Plant or equipment maintenance.	Low	None Required.
13/10/2015	8 hours 50 minutes	Gas diverted to bypass flare	Adverse weather (frost).	Low	None Required.
03/10/2015	65 hours	Gas diverted to bypass flare	Loose pipe identified in gas field network.	Low	None Required.
30/09/2015	10 hours 30 minutes	Gas diverted to bypass flare	Usually would be as a result of a pipe becoming disconnected. However, no leak or loose pipe	Low	None Required.
26/04/2015	6 hours	Gas diverted to bypass flare	Low methane in gas going to flare.	Low	None Required.

* 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

SELECT

Table A4: Solvent Management Plan Summary		Please refer to linked solvent regulations to complete table 5 and 6			
Total VOC Emission limit value		<u>Solvent regulations</u>			
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision thereof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary								
(I) Inputs (kg)		(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
Total								

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0027 Year 2015

		Additional information	
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	Surface water discharges to surrounding stream network. Leachate pumped to sewer and treated in Wastewater Treatment Plant in Ballinasloe.
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 <u>only any evidence of contamination noted during visual inspections</u> .	Yes	Yes, weekly monitoring of surface water as per licence Table D.5.1 'Water and Leachate Parameters/Frequency'. No evidence of contamination noted during visual inspections.

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	-8.22343 53.3127	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

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

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	Yes	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	Yes		

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
SW1	Water	BOD	discrete	Quarterly. Q1 2015.	Monthly	5 mg/L	All values < ELV	<8	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW1 in 2014.
SW6	Water	BOD	discrete	Quarterly. Q1 2015.	Monthly	5 mg/L	All values < ELV	<8	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW6 in 2014.
SW8	Water	BOD	discrete	Quarterly. Q1 2015.	Monthly	5 mg/L	All values < ELV	<10	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW8 in 2014.
SW1	Water	COD	discrete	Quarterly. Q1 2015.	Monthly	40 mg/L	All values < ELV	73.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were consistent with those recorded at SW1 in 2014.
SW6	Water	COD	discrete	Quarterly. Q1 2015.	Monthly	40 mg/L	All values < ELV	73.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were consistent with those recorded at SW6 in 2014.
SW8	Water	COD	discrete	Quarterly. Q1 2015.	Monthly	40 mg/L	All values < ELV	93.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW8 in 2014. Reduced value from the 106 mg/L measures in Q4 2014.
SW1	Water	Dissolved Oxygen	discrete	Quarterly. Q1 2015.	Monthly	>60 % Saturation	All values < ELV	14.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				Dissolved oxygen levels were below the requirement at SW1 in 2014.

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No:	W0027	Year	2015								
SW6	Water	Dissolved Oxygen	discrete	Quarterly, Q1 2015.	Monthly	>60 % Saturation	All values < ELV	25.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				Dissolved oxygen levels were below the requirement at SW6 in 2014.
SW8	Water	Dissolved Oxygen	discrete	Quarterly, Q1 2015.	Monthly	>60 % Saturation	All values < ELV	24.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				Dissolved oxygen levels were below the requirement at SW8 in 2014.
SW8	Water	Ammonia (as N)	discrete	Quarterly, Q1 2015.	Monthly	0.2 mg/L	All values < ELV	0.53	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Elevated levels of ammonia were recorded at SW8 in 2014. This level is below the 0.77 mg/L value recorded in Q4 2014.
SW1	Water	Dissolved Oxygen	discrete	Quarterly, Q2 2015.	Monthly	>60 % Saturation	All values < ELV	43.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				This level has improved from the 14% measured in Q1 2015.
SW6	Water	Dissolved Oxygen	discrete	Quarterly, Q2 2015.	Monthly	>60 % Saturation	All values < ELV	19.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				Dissolved oxygen levels were below the requirement at SW6 in Q1 2015.
SW8	Water	Dissolved Oxygen	discrete	Quarterly, Q2 2015.	Monthly	>60 % Saturation	All values < ELV	40.00	%	no (if no please enter details in comments box)	DISCRETE METHODS				This level has improved from the 24% measured in Q1 2015.
SW1	Water	COD	discrete	Quarterly, Q2 2015.	Monthly	40 mg/L	All values < ELV	109.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW1 in Q1 2015.
SW6	Water	COD	discrete	Quarterly, Q2 2015.	Monthly	40 mg/L	All values < ELV	89.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW6 in Q1 2015.
SW8	Water	COD	discrete	Quarterly, Q2 2015.	Monthly	40 mg/L	All values < ELV	119.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Exceedances were recorded at SW8 in Q1 2015.
SW1	Water	Ammonia (as N)	discrete	Quarterly, Q2 2015.	Monthly	0.2 mg/L	All values < ELV	0.21	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				Slight exceedance here. Improved values for ammonia compared to those measures in Q1 2015.
SW1	Water	COD	discrete	Quarterly, Q3 2015.	Monthly	40 mg/L	All values < ELV	77.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level has improved from the 109 mg/L VALUE measured in Q2 2015.
SW3	Water	COD	discrete	Quarterly, Q3 2015.	Monthly	40 mg/L	All values < ELV	48.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				No exceedance of COD was recorded at SW4 in 2014.
SW4	Water	COD	discrete	Quarterly, Q3 2015.	Monthly	40 mg/L	All values < ELV	52.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				No exceedance of COD was recorded at SW3 in 2014.
SW8	Water	COD	discrete	Quarterly, Q3 2015.	Monthly	40 mg/L	All values < ELV	119.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This is the same value as that measured in Q2 2015.

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)				Lic No:	W0027	Year	2015								
SW1	Water	Ammonia (as N)	discrete	Quarterly, Q3 2015.	Monthly	0.2 mg/L	All values < ELV	0.78	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				An elevated level of ammonia was recorded at SW1 in Q2 2015.
SW8	Water	Ammonia (as N)	discrete	Quarterly, Q3 2015.	Monthly	0.2 mg/L	All values < ELV	0.36	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				An elevated level of ammonia was recorded at SW8 in Q1 2015.
SW1	Water	COD	discrete	Quarterly, Q4 2015.	Monthly	40 mg/L	All values < ELV	80.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This exceedance is consistent with levels recorded previously at SW1
SW3	Water	COD	discrete	Quarterly, Q4 2015.	Monthly	40 mg/L	All values < ELV	46.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This is only a slight exceedance of the limit value of 40 mg/L
SW4	Water	COD	discrete	Quarterly, Q4 2015.	Monthly	40 mg/L	All values < ELV	41.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This is only a slight exceedance of the limit value of 40 mg/L
SW6	Water	COD	discrete	Quarterly, Q4 2015.	Monthly	40 mg/L	All values < ELV	56.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This exceedance is consistent with levels recorded previously at SW6
SW8	Water	COD	discrete	Quarterly, Q4 2015.	Monthly	40 mg/L	All values < ELV	95.00	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This exceedance is consistent with levels recorded previously at SW8
SW1	Water	Ammonia (as N)	discrete	Quarterly, Q4 2015.	Monthly	0.2 mg/L	All values < ELV	0.44	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level is improved from the 0.78 mg/L value recorded in Q3 2015.
SW3	Water	Total Oxidised Nitrogen (TON)	discrete	Annually	Yearly	1 mg/L	All values < ELV	1.30	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This is consistent with the value measured in 2014.
SW4	Water	Total Oxidised Nitrogen (TON)	discrete	Annually	Yearly	1 mg/L	All values < ELV	1.40	mg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This is consistent with the value measured in 2014.
SW1	Water	Iron	discrete	Annually	Yearly	200 µg/L	All values < ELV	360.00	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level is improved from the 1100 µg/L measured in 2014.
SW6	Water	Iron	discrete	Annually	Yearly	200 µg/L	All values < ELV	210.00	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level is improved from the 1100 µg/L measured in 2014.
SW8	Water	Iron	discrete	Annually	Yearly	200 µg/L	All values < ELV	270.00	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level is improved from the 380 µg/L measured in 2014.
SW1	Water	Zinc and compounds (as Zn)	discrete	Annually	Yearly	3 µg/L	All values < ELV	4.00	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS				This level is elevated from the value measured in 2014.

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)														
							Lic No:	W0027	Year				2015	
SW3	Water	Zinc and compounds (as Zn)	discrete	Annually	Yearly	3 µg/L	All values < ELV	3.60	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS			This level is elevated from the value measured in 2014.
SW4	Water	Zinc and compounds (as Zn)	discrete	Annually	Yearly	3 µg/L	All values < ELV	3.70	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS			This level is elevated from the value measured in 2014.
SW8	Water	Zinc and compounds (as Zn)	discrete	Annually	Yearly	3 µg/L	All values < ELV	4.20	µg/L	no (if no please enter details in comments box)	DISCRETE METHODS			This level is elevated from the value measured in 2014.

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

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

Continuous monitoring

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

No	
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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

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

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

SELECT	N/A
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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	Monitoring Equipment downtime (hours)	Number of ELV exceedences in reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

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

- 1
- 2 Please provide integrity testing frequency period
- 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)
- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?
- 11 **Please list any sump integrity failures in table B1**
- 12 Do all sumps and chambers have high level liquid alarms?
- 13 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 14 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	Carried out in September 2015
3 years	
No	Leachate Lagoon only containment structure
1	leachate lagoon
1	leachate lagoon
0	
SELECT	N/A
	N/A
0	
0	
Yes	
Yes	
N/A	

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Leachate Lagoon	other (please specify)	HDPE lined lagoon	Leachate	420 m ³		Structural assessment		7-8 September 2015	Yes	Pass		SELECT	Sep-18	
	SELECT					SELECT			SELECT	SELECT		SELECT		

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

Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BSS007/EPA Guidance?

- 15 Are channels/transfer systems to remote containment systems tested?
- 16 Are channels/transfer systems compliant in both integrity and available volume?

[bundings and storage guidelines](#)

Commentary

Yes	In accordance with Condition 5.13.2 of Licence
No	
SELECT	N/A

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**

- 1 underground structures and pipelines on site **which failed the integrity test and all which have not been tested within the integrity test period as specified**
 - 2 Please provide integrity testing frequency period
- *please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

No	
SELECT	

Table B2: Summary details of pipeline/underground structures integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

Groundwater/Soil monitoring template	Lic No: W0027	Year 2015
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Pollboy Landfill		Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	yes	IGV's have been exceeded. A hydrological assessment was carried out in October 2013. Further information was submitted to the Agency on 30th October 2015 and consultation is ongoing regarding this.
5	Is the contamination related to operations at the facility (either current and/or historic)	yes	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	yes	The unlined cell has been fully capped and a leachate management system has been installed on the unlined portion of the site which has significantly reduced the volume of leachate being discharged. Additional monitoring points have been proposed downgradient of the site. Three monitoring standpipes are proposed to be installed at these locations.
7	Please specify the proposed time frame for the remediation strategy	yes	Spring 2016
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT	
9	Has any type of risk assessment been carried out for the site?	SELECT	
10	Has a Conceptual Site Model been developed for the site?	yes	Details are provided in the Hydrological Assessment Oct 2015.
11	Have potential receptors been identified on and off site?	yes	Details are provided in the Hydrological Assessment Oct 2015.
12	Is there evidence that contamination is migrating offsite?	yes	Details are provided in the Hydrological Assessment Oct 2015.
			Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretation as an additional section in this AER
			IGV's have been exceeded and a hydrological assessment has been carried out and submitted. Correspondance regarding this is ongoing.

Groundwater/Soil monitoring template

Lic No:

W0027

Year

2015

Table 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	IGV	Upward trend in pollutant concentration over last 5 years of monitoring data	
Q1, Q2, Q3, Q4 2015	MW6	Temperature	Discrete	Quarterly	11.6	10.7	°C		25 °C	no	
Q1, Q2, Q3, Q4 2015	MW6	pH	Discrete	Quarterly	7	6.9			≥ 6.5 and ≤ 9.5	no	
Q1, Q2, Q3, Q4 2015	MW6	Conductivity	Discrete	Quarterly	748	710.5	µS/cm	800-1875 µS/CM	1000 µS/CM	no	
Q1, Q2, Q3, Q4 2015	MW6	Ammonia	Discrete	Quarterly	2.6	2.6	mg/L	0.065-0.175 mg/L	0.15 mg/L	no	
Q1, Q2, Q3, Q4 2015	MW6	Chloride	Discrete	Quarterly	17	16.3	mg/L	24-187.5 mg/L	30 mg/L	no	
Q1, Q2, Q3, Q4 2015	MW6	Total Organic Carbon (TOC)	Discrete	Quarterly	203	56.8	mg/L	No abnormal change	No abnormal change	yes	
Q4 2015	MW6	Dissolved Oxygen	Discrete	Annually	50	N/A	% Saturation		No abnormal change	yes	
Q4 2015	MW6	Ortho-phosphate	Discrete	Annually	<0.01	N/A	mg/L		0.03	no	
Q4 2015	MW6	Total oxidised nitrogen	Discrete	Annually	<0.2	N/A	mg/L		No abnormal change	no	
Q4 2015	MW6	Cyanide	Discrete	Annually	0.14	N/A	mg/L		0.0375	0.01	yes
Q4 2015	MW6	Fluoride	Discrete	Annually	0.26	N/A	mg/L			1	no
Q4 2015	MW6	Sulphate	Discrete	Annually	5	N/A	mg/L		187.5	200	yes
Q4 2015	MW6	Alkalinity-total	Discrete	Annually	350	N/A	mg/L		No abnormal change	no	
Q4 2015	MW6	Total solids	Discrete	Annually	3323	N/A	mg/L			1000	no
Q4 2015	MW6	Boron	Discrete	Annually	24	N/A	µg/L		750	1000	no

Groundwater/Soil monitoring template					Lic No:	W0027	Year	2015		
Q4 2015	MW6	Sodium	Discrete	Annually	12	N/A	mg/L	150	150	no
Q4 2015	MW6	Magnesium	Discrete	Annually	8.6	N/A	mg/L		50	yes
Q4 2015	MW6	Potassium	Discrete	Annually	1.1	N/A	mg/L		5	no
Q4 2015	MW6	Calcium	Discrete	Annually	130	N/A	mg/L		200	yes
Q4 2015	MW6	Chromium	Discrete	Annually	2.5	N/A	µg/L	37.5	30	yes
Q4 2015	MW6	Iron	Discrete	Annually	480	N/A	µg/L		200	yes
Q4 2015	MW6	Manganese	Discrete	Annually	190	N/A	µg/L	50	50	no
Q4 2015	MW6	Nickel	Discrete	Annually	13	N/A	µg/L	15	20	no
Q4 2015	MW6	Copper	Discrete	Annually	2.3	N/A	µg/L	1500	30	no
Q4 2015	MW6	Zinc	Discrete	Annually	1.6	N/A	µg/L		100	no
Q4 2015	MW6	Cadmium	Discrete	Annually	0.03	N/A	µg/L	0.00375	0.005	yes
Q4 2015	MW6	Lead	Discrete	Annually	<1.0	N/A	µg/L	0.01875	0.01	yes
Q4 2015	MW6	Mercury	Discrete	Annually		N/A	µg/L	0.00075	0.001	no

..+ 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*	IGV	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Q1, Q2, Q3, Q4 2015	MW3	Temperature	Discrete	Quarterly	11.1	10.5	°C		25 °C	no
Q1, Q2, Q3, Q4 2015	MW3	pH	Discrete	Quarterly	7	6.9			≥ 6.5 and ≤ 9.5	no

Groundwater/Soil monitoring template					Lic No:	W0027	Year	2015		
Q1, Q2, Q3, Q4 2015	MW3	Conductivity	Discrete	Quarterly	1633	1304.5	µS/cm	800-1875 µs/CM	1000 µs/CM	no
Q1, Q2, Q3, Q4 2015	MW3	Ammonia	Discrete	Quarterly	11	6.7	mg/L	0.065-0.175 mg/L	0.15 mg/L	no
Q1, Q2, Q3, Q4 2015	MW3	Chloride	Discrete	Quarterly	39	93	mg/L	24-187.5 mg/L	30 mg/L	yes
Q1, Q2, Q3, Q4 2015	MW3	Total Organic Carbon (TOC)	Discrete	Quarterly	88	232	mg/L	No abnormal change	No abnormal change	no
Q4 2015	MW3	Dissolved Oxygen	Discrete	Annually	40	N/A	% Saturation		No abnormal change	no
Q4 2015	MW3	Ortho-phosphate	Discrete	Annually	<0.01	N/A	mg/L		0.03	no
Q4 2015	MW3	Total oxidised nitrogen	Discrete	Annually	<0.02	N/A	mg/L		No abnormal change	no
Q4 2015	MW3	Cyanide	Discrete	Annually	0.13	N/A	mg/L	0.0375	0.01	yes
Q4 2015	MW3	Fluoride	Discrete	Annually	0.43	N/A	mg/L		1	yes
Q4 2015	MW3	Sulphate	Discrete	Annually	138	N/A	mg/L	187.5	200	yes
Q4 2015	MW3	Alkalinity-total	Discrete	Annually	643	N/A	mg/L		No abnormal change	yes
Q4 2015	MW3	Total solids	Discrete	Annually	1525	N/A	mg/L		1000	no
Q4 2015	MW3	Boron	Discrete	Annually	18	N/A	µg/L	750	1000	no
Q4 2015	MW3	Sodium	Discrete	Annually	71	N/A	mg/L	150	150	yes
Q4 2015	MW3	Magnesium	Discrete	Annually	19	N/A	mg/L		50	yes
Q4 2015	MW3	Potassium	Discrete	Annually	2.4	N/A	mg/L		5	no
Q4 2015	MW3	Calcium	Discrete	Annually	260	N/A	mg/L		200	yes
Q4 2015	MW3	Chromium	Discrete	Annually	2.3	N/A	µg/L	37.5	30	yes

Groundwater/Soil monitoring template					Lic No:	W0027	Year	2015			
Q4 2015	MW3	Iron	Discrete	Annually	3700	N/A	µg/L	200	yes		
Q4 2015	MW3	Manganese	Discrete	Annually	92	N/A	µg/L	50	50	no	
Q4 2015	MW3	Nickel	Discrete	Annually	18	N/A	µg/L	15	20	yes	
Q4 2015	MW3	Copper	Discrete	Annually	<1.0	N/A	µg/L	1500	30	no	
Q4 2015	MW3	Zinc	Discrete	Annually	2.8	N/A	µg/L		100	no	
Q4 2015	MW3	Cadmium	Discrete	Annually	<0.020	N/A	µg/L	0.00375	0.005	yes	
Q4 2015	MW3	Lead	Discrete	Annually	<1.0	N/A	µg/L	0.01875	0.01	no	
Q4 2015	MW3	Mercury	Discrete	Annually	<0.02	N/A	µg/L	0.00075	0.001	no	Drinking water (public supply) standards Interim Guideline Values (IGV)

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:

W0027

Year

2015

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

		Commentary	
1	ELRA initial agreement status	Required but not submitted	Landfill closed and fully restored.
2	ELRA review status	Review required and not completed;	
3	Amount of Financial Provision cover required as determined by the latest ELRA	N/A	
4	Financial Provision for ELRA status	Required but not submitted	
5	Financial Provision for ELRA - amount of cover	N/A	
6	Financial Provision for ELRA - type	Other please specify	Aftercare budget held by Galway County Council.
7	Financial provision for ELRA expiry date	N/A	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	Aftercare budget held by Galway County Council.	
12	Financial Provision for Closure - type	Other please specify	
13	Financial provision for Closure expiry date		

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0027	Year	2015
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	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	Closed facility.
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	No	Closed facility.

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Landfill Gas Management	To install/replace redundant landfill gas boreholes where required.	0	The installation of new gas wells will be carried out during 2016 as the need for new wells is identified.	Individual	Installation of infrastructure
Groundwater protection	Drill two new groundwater wells downstream of the landfill site as recommended in the site's hydrogeological report. Approval is presently being sought from the EPA in regard the location of these wells.	20	Wells will be installed following approval of locations from the epa.	Individual	Increased compliance with licence conditions
SELECT		SELECT		SELECT	SELECT

Noise monitoring summary report Lic No: W0027 Year 2015

- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?
- 3 Does your site have a noise reduction plan
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

[Noise Guidance note NG4](#)

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)?
								<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>		<input type="text" value="SELECT"/>

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

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

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0027

Year

2015

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

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information [Pollboy, Ballinasloe, Co.Galway](#)

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

Additional information	
Enter date of audit	Never
SELECT	
SELECT	

Table R1 Energy usage on site				
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	the site on 31st December, 2005 following a court ruling. The entire
Total Energy Used (MWHrs)	134.2	120.25		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

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

Table R2 Water usage on site				Water Emissions	Water Consumption		
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	There is no water usage on-site.						
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)	No waste is generated on-site.				
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary Lic No: W0027 Year 2015

Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

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

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

WASTE SUMMARY	Lic No: W0027	Year: 2015
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	PRTR facility login	dropdown list click to see options

Pollboy Landfill

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

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

If yes please enter details in table 1 below

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

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

Additional Information	
Yes	Waste accepted to recycling facility only. Landfill closed.
No	
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)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) - only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
	European Waste Catalogue EWC codes		European Waste Catalogue EWC codes								
<i>refer to PRTR for data on Civic Amenity Site</i>											

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	
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	
No	

6 Does your facility have relevant nuisance controls in place?

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

8 Do you maintain a sludge register on site?

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

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

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
										m2	m2	m2	
Total landfill	Mid 1980's	2005	No	Public	Non Hazardous	N/A	No	No	No	97,400	36,000	61,400	Composite liner system

WASTE SUMMARY	Lic No:	W0027	Year	2015
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Table 4 Environmental monitoring-landfill only [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments
Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	

-> 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 m ² 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					
All capped						

*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?

Yes

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

No

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
49,930.30	458.1	5642.1	4231.6	11846	Ballinasloe Wastewater Treatment Plant		

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 m ³	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
547,058			Yes	



[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2015
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1. FACILITY IDENTIFICATION

Parent Company Name	Galway County Council
Facility Name	Pollboy Landfill Facility - Ballinasloe Town Council
PRTR Identification Number	W0027
Licence Number	W0027-02

Classes of Activity	
No.	class name
-	Refer to PRTR class activities below

Address 1	Pollboy
Address 2	Ballinasloe
Address 3	
Address 4	
Country	Galway
Country	Ireland
Coordinates of Location	-8.22343 53.3127
River Basin District	IEGBNISH
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Kevin Mulrennan
AER Returns Contact Email Address	kmulrennan@galwaycoco.ie
AER Returns Contact Position	Facility Manager
AER Returns Contact Telephone Number	091 509451
AER Returns Contact Mobile Phone Number	087 6851937
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	1
User Feedback/Comments	Hydrochlorofluorocarbons (HCFCs) are below the required 1 kg/annum reporting threshold (reported as BRT in Gas Sim 2 PI Report therefore it was not possible to enter any value in to Section B under Releases to Air).
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
5(d)	Landfills
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?	
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) ?	
--	--

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Used		Flare Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
01	Methane (CH4)	M	OTH	Gas Sim 2.5 Statistics + Site Data	7561.06	600168.56	0.0	592607.5
02	Carbon monoxide (CO)	M	OTH	Gas Sim 2.5 Statistics + Site Data	432.57	432.57	0.0	0.0
03	Carbon dioxide (CO2)	M	OTH	Gas Sim 2.5 Statistics + Site Data	14333.58	884806.49	0.0	870472.91

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			Please enter all quantities in this section in KGs			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
15	Chlorofluorocarbons (CFCs)	M	OTH	Gas Sim 2.5 PI Report	0.0	1.72	0.0	1.72
14	Hydrochlorofluorocarbons (HCFCs)	M	OTH	Gas Sim 2.5 PI Report	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)

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

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

Additional Data Requested from Landfill operators

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

Landfill: Please enter summary data on the quantities of methane flared and / or utilised	Pollboy Landfill Facility - Ballinasloe Town Council				
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour
Total estimated methane generation (as per site model)	970660.56	C	OTH	Gassim 2.5	N/A
Methane flared	370492.0	M	OTH	Site Data	750.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	600168.56	C	OTH	Gassim 2.5	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

* Select a row by double-clicking on the Pollutant Name (Column B)

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

* Select a row by double-clicking on the Pollutant Name (Column B)

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

RELEASES TO WATERS	
POLLUTANT	
Pollutant No.	Name

* Select a row by double-clicking on the Pollutant Name (Column B)

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be entered in this section.

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

Please enter all quantities in this section in KGs				
M/C/E	Method Used		Emission Point 1	T (Total) KG/Year
	Method Code	Designation or Description		
			0.0	0.0

) then click the delete button

OT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

QUANTITY	
A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0027 | Facility Name : Pollboy Landfill Facility - Ballinasloe Town Council | Filename : PI

31/03/2016 15:36

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
					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
					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](#)

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND	
POLLUTANT	
No. Annex II	Name

* Select a row by double-clicking on the Pollutant Name (Column B)

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

RELEASES TO LAND	
POLLUTANT	
Pollutant No.	Name

* Select a row by double-clicking on the Pollutant Name (Column B)

METHOD			Please enter all quantities
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

) then click the delete button

METHOD			Please enter all quantities
M/C/E	Method Code	Designation or Description	Emission Point 1
			0.0

) then click the delete button

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

in this section in KGs	
QUANTITY	
T (Total) KG/Year	A (Accidental) KG/Year
0.0	0.0

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0027 | Facility Name : Pollboy Landfill Facility - Ballinasloe Town Council | Filename : PRTR 2015.xls | Return Year : 2015 |

31/03/2016 15:36

Please enter all quantities on this sheet in Tonnes

0

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	16 05 04	Yes	0.18	gases in pressure containers (including halons) containing dangerous substances	R1	M	Weighed	Offsite in Ireland	ENVA Portlaoise,Clonmanim Industrial Estate,Portlaoise,Laois,Ireland	Remondis,HRB590 346,Austrasse 5, ,Krauthheim,D-74238,Germany	Austrasse 5, ,Krauthheim,D-74238,Germany
Within the Country	20 03 07	No	52.46	bulky waste	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Cartrontroty,..Athlone,","Ireland		
Within the Country	15 01 01	No	0.44	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Oranmore,..Co.Galway,..Ireland		
Within the Country	17 04 05	No	16.22	iron and steel	R12	M	Weighed	Offsite in Ireland	Galway Metal Co. Ltd.,WR-05	and Cartrontroty,..Athlone,","Ireland		
Within the Country	20 01 02	No	5.78	glass	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Glen Abbey Complex,Belgard Road,Tallaght Dublin,..Ireland		
Within the Country	20 01 10	No	0.74	clothes	R12	M	Weighed	Offsite in Ireland	Textile Recycling Ltd.,WCP-DC-08-1225-01		WEEE Ireland,..Suite 18,The Mall Beacon Court,Dublin 18,..Ireland	Suite 18,The Mall Beacon Court,Dublin 18,..Ireland
Within the Country	20 01 23	Yes	0.078	discarded equipment containing chlorofluorocarbons	R12	M	Weighed	Offsite in Ireland	KMK Metals Recycling,W013/03	Cappincur,Tullamore,Co.Offaly,..Ireland	WEEE Ireland,..Suite 18,The Mall Beacon Court,Dublin 18,..Ireland	Suite 18,The Mall Beacon Court,Dublin 18,..Ireland
Within the Country	20 01 35	Yes	9.512	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components	R12	M	Weighed	Offsite in Ireland	KMK Metals Recycling,W013/03	Cappincur,Tullamore,Co.Offaly,..Ireland	WEEE Ireland,..Suite 18,The Mall Beacon Court,Dublin 18,..Ireland	Suite 18,The Mall Beacon Court,Dublin 18,..Ireland
Within the Country	20 01 36	No	57.782	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R12	M	Weighed	Offsite in Ireland	KMK Metals Recycling,W013/03	Cappincur,Tullamore,Co.Offaly,..Ireland		
Within the Country	20 01 38	No	31.4	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Cartrontroty,..Athlone,","Ireland		
Within the Country	20 02 01	No	25.07	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Cartrontroty,..Athlone,","Ireland		
Within the Country	20 03 01	No	76.14	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Carrowbrowne,Headford Road,Galway,","Ireland		
Within the Country	20 03 07	No	52.46	bulky waste	R12	M	Weighed	Offsite in Ireland	Barna Waste,W0106-02	Chapelizod Industrial Estate,..Dublin 20,D20 EW68,Ireland		
Within the Country	16 02 14	No	0.08	discarded equipment other than those mentioned in 16 02 09 to 16 02 13	R12	M	Weighed	Offsite in Ireland	Camara Education,Clonmanim Industrial Estate,Portlaoise,Laois,Ireland	Recyfuel BE0459.735.458,Engis, , ,Belgium	Engis, , ,Belgium
Within the Country	08 01 11	Yes	2.78	waste paint and varnish containing organic solvents or other dangerous substances	R1	M	Weighed	Offsite in Ireland	ENVA Portlaoise,Clonmanim Industrial Estate,Portlaoise,Laois,Ireland	Geocycle,38.152/BP,Seneffe , , ,Belgium	Seneffe, , ,Belgium
Within the Country	20 01 27	Yes	2.827	paint, inks, adhesives and resins containing dangerous substances	R1	M	Weighed	Offsite in Ireland	ENVA Portlaoise, ..	nd Cartrontroty,..Athlone,","Ireland		
Within the Country	15 01 04	No	0.27	metallic packaging	R12	M	Weighed	Offsite in Ireland	Barna Waste Athlone, ..	nd Ballinasloe WwTP,Pollboy,Balinasloe,Co.Galway,Ireland		
Within the Country	19 07 03	No	43930.3	landfill leachate other than those mentioned in 19 07 02	D8	M	Weighed	Offsite in Ireland	Ballinasloe WwTP, ..			

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

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)

[Link to Waste Guidance](#)