

Facility Information Summary	
AER Reporting Year	2017
Licence Register Number	W0026-03
Name of site	Kyletalesha Landfill
Site Location	Mountmellick Road, Portlaoise
NACE Code	3821
Class/Classes of Activity	Landfill for Non-Hazardous Waste
National Grid Reference (6E, 6 N)	245403, 202646
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 <u>listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.</u>	Landfilling activities ceased on site in November 2012 and completion of capping works on the final section of mini-cell 15b was completed in March 2013. Despite the closed status of the site limited household waste volumes are still accepted at the domestic waste deposit area for offsite transfer and disposal by a licensed contractor. All environmental monitoring was completed as required under schedule D of the waste licence. Groundwater, landfill gas, flare stack emissions, dust deposition, leachate and surface water monitoring results for 2017 were consistent with previous historical results. All the 2017 quartely and annual monitoring reports for the site have been uploaded to Eden and contain additional information on any exceedances that have been recorded.

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.

Ken Farrell	29/03/2018
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

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Answer all questions and complete all tables where relevant

		Additional information
1	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If you do not have licenced emissions and do not complete a solvent management plan (table A4 and A5) you <u>do not</u> need to complete the tables	Yes Uniflare 750 m ³ Flare

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 The exceedence in dust deposition at D3 during the May sampling event was due to the presence of algae growth in the sampling vessel.
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? Basic air monitoring checklist AGN2	Yes

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
Uniflare	Carbon monoxide (CO)	Annual	50	No 30min mean can exceed the ELV	5.24	mg/m3	yes	EN 15058:2004	6.92	
	Nitrous oxide (N2O)	Annual	150	No 30min mean can exceed the ELV	114.73	mg/m3	yes	EN 14792:2006	151.48	
	Total Volatile Organic Carbon (TOC)	Annual	10	No 30min mean can exceed the ELV	5.12	mgC/m3	yes	EN 12619:2013	6.76	
	Hydrogen Chloride (HCL)	Annual	50	No 30min mean can exceed the ELV	2.93	mg/m3	yes	EN 1911:2010	3.87	
	Hydrogen Fluoride (HF)	Annual	5	No 30min mean can exceed the ELV	4.97	mg/m3	yes	EN 15713:2006	6.56	
	Volumetric Flow	Annual	N/A	No 30min mean can exceed the ELV	150	m3/hour	yes	N/A		

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

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
D1 - May	Dust Deposition	Triannually	350 mg/m ² /day	Daily average < ELV	54.91	mg/m2/day	yes	SELECT	N/A	
D2 - May	Dust Deposition	Triannually	350 mg/m ² /day	Daily average < ELV	93.39	mg/m2/day	yes	SELECT	N/A	
D3 - May	Dust Deposition	Triannually	350 mg/m ² /day	Daily average < ELV	415.26	mg/m2/day	no	SELECT	N/A	Algae growth was noted in the vessel upon collection
D1 - June	Dust Deposition	Triannually	350 mg/m ² /day	Daily average < ELV	118.93	mg/m2/day	yes	SELECT	N/A	
D2 - June	Dust Deposition	Triannually	350 mg/m ² /day	Daily average < ELV	54.27	mg/m2/day	yes	SELECT	N/A	

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D3 - June	Dust Deposition	Triannully	350 mg/m ³ /day	Daily average < ELV	302.08	mg/m2/day	yes	SELECT	N/A
D1 - July	Dust Deposition	Triannully	350 mg/m ³ /day	Daily average < ELV	68.11	mg/m2/day	yes	SELECT	N/A
D2 - July	Dust Deposition	Triannully	350 mg/m ³ /day	Daily average < ELV	62.64	mg/m2/day	yes	SELECT	N/A
D3 - July	Dust Deposition	Triannully	350 mg/m ³ /day	Daily average < ELV	63.83	mg/m2/day	yes	SELECT	N/A

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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	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes	
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision thereof	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
Site Office	CH4	1.0% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings
Site Office	CO2	1.5% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings
Weighbridge	CH4	1.0% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings
Weighbridge	CO2	1.5% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings
CA Site Office	CH4	1.0% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings
CA Site Office	CO2	1.5% v/v	Daily	Daily average < ELV	%v/v	N/A	0%	0	0	Less than ELV for all readings

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

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

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

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

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

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Solvent use and management on site			
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5			No
Table A4: Solvent Management Plan Summary		Please refer to linked solvent regulations to complete table 5 and 6 Solvent regulations	
Total VOC Emission limit value			
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
			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. by-	Solvents destroyed onsite through
			Total emission of Solvent to air (kg)
			Total

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Additional information

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

No	Leachate is tankered off site to Laois County Council Waste Water Treatment Plant
Yes	Schedule D.5

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

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
5001	upstream	Ammonia (as N)	Ammonia (as N)	15/02/2017	0.14	All values < ELV	3.7, 0.09, 2.9, 3.02	mg/L	no	Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.
				18/04/2017						
				30/09/2017						
		BOD	BOD	15/02/2017	2.6	All values < ELV	3, 2.5, 3.4, 4	mg/L	no	
				18/04/2017						
				30/09/2017						
		COD	COD	15/02/2017	40	All values < ELV	79, 65, 105, 95	mg/L	no	
				18/04/2017						
				30/09/2017						
		Chloride	Chloride	15/02/2017	250	All values < ELV	19.5, 14.2, 22.6, 23.9	mg/L	yes	
18/04/2017										
30/09/2017										
Conductivity	Conductivity	15/02/2017	1000	All values < ELV	411, 562, 436, 404	µS/cm @20oC	yes			
		18/04/2017								
		30/09/2017								
Dissolved Oxygen	Dissolved Oxygen	15/02/2017	No abnormal change	No abnormal change	60.7, 84.3, 33.2, 61.2	% saturation	yes			
		18/04/2017								
		30/09/2017								
Ortho-phosphate (as PO4)	Ortho-phosphate (as PO4)	15/02/2017	0.06		<0.03, <0.03, <0.03, 0.03	mg/L	yes			
		18/04/2017								
		30/09/2017								
pH	pH	15/02/2017	No abnormal change	No abnormal change	7.38, 7.79, 7.47, 7.51	pH units	yes			
		18/04/2017								
		30/09/2017								
Suspended Solids	Suspended Solids	15/02/2017	40		<5, <5, 8, 6	mg/L	yes			
		18/04/2017								
		30/09/2017								
Temperature	Temperature	15/02/2017	<2.6 above ambient temperature		6.1, 6.9, 11, 8.7	degrees C	yes			
		18/04/2017								
		30/09/2017								
Total Oxidised Nitrogen	Total Oxidised Nitrogen	15/02/2017	50		<1, <1, <1, 0.89	mg/L	yes			
		18/04/2017								
		30/09/2017								
5003	downstream	Ammonia (as N)	Ammonia (as N)	15/02/2017	0.14	All values < ELV	10.2, 19.9, 7.9, 7.57	mg/L	no	Fully engineered cells in area. Breakdown of organics in bog most probably contributing to
				18/04/2017						
				30/09/2017						
		BOD	BOD	15/02/2017	2.6	All values < ELV	2.3, 4, 5.1, 4	mg/L	no	
				18/04/2017						
				30/09/2017						
		COD	COD	15/02/2017	40	All values < ELV	85, 79,109, 86	mg/L	no	
				18/04/2017						
				30/09/2017						
		Chloride	Chloride	15/02/2017	250	All values < ELV	46.4, 84.4, 54.6, 45.3	mg/L	yes	
18/04/2017										
30/09/2017										
Conductivity	Conductivity	15/02/2017	1000	All values < ELV	627, 407, 648, 716	µS/cm @20oC	yes			
		18/04/2017								
		30/09/2017								
Dissolved Oxygen	Dissolved Oxygen	15/02/2017	No abnormal change	No abnormal change	59.4, 11.6, 41.1, 50.2	% saturation	????			
		18/04/2017								
		30/09/2017								

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Station	Location	Parameter	Sampling Dates	Value	Abnormal	ELV	Units	Notes
		Ortho-phosphate (as PO4)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.06		<0.03, <0.03, <0.03, 0.09	mg/L	no
		pH	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	7.6, 7.82, 7.63, 7.75	pH units	yes
		Suspended Solids	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40		<5, 16, 23, 7	mg/L	yes
		Temperature	15/02/2017 18/04/2017 30/09/2017 18/12/2017	<2.6 above ambient temperature		4.8, 7.4, 11.2, 9.5	degrees C	yes
		Total Oxidised Nitrogen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	50		<1, <1, <1, 1.3	mg/L	yes
S004	downstream	Ammonia (as N)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.14	All values < ELV	0.2, 0.14, 0.3, 0.4	mg/L	no
		BOD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	2.6	All values < ELV	1.9, 1.4, 10, 4	mg/L	no
		COD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40	All values < ELV	76, 68, 185, 93	mg/L	no
		Chloride	15/02/2017 18/04/2017 30/09/2017 18/12/2017	250	All values < ELV	92.5, 100.9, 103, 80.5	mg/L	yes
		Conductivity	15/02/2017 18/04/2017 30/09/2017 18/12/2017	1000	All values < ELV	1023, 1094, 997, 1043	µS/cm @20oC	yes
		Dissolved Oxygen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	60.8, 67.1, 66.7, 65.7	% saturation	yes
		Ortho-phosphate (as PO4)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.06		<0.03, <0.03, <0.03, 0.08	mg/L	no
		pH	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	7.87, 7.88, 7.94, 8	pH units	yes
		Suspended Solids	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40		10, 43, 27, 6	mg/L	no
		Temperature	15/02/2017 18/04/2017 30/09/2017 18/12/2017	<2.6 above ambient temperature		6.5, 6.2, 12.6, 7.8	degrees C	yes
		Total Oxidised Nitrogen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	50		2.2, 1.4, 1.6, 4.2	mg/L	yes
		Ammonia (as N)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.14	All values < ELV	52.3, 94.1, 60.1, 54.87	mg/L	no
		BOD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	2.6	All values < ELV	9.6, 15.2, 15.8, 7	mg/L	no
		COD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40	All values < ELV	88, 157, 110, 69	mg/L	no
		Chloride	15/02/2017 18/04/2017 30/09/2017 18/12/2017	250	All values < ELV	170, 248.4, 264.7, 232.3	mg/L	no
		Conductivity	15/02/2017 18/04/2017 30/09/2017 18/12/2017	1000	All values < ELV	2300, 2800, 2200, 1983	µS/cm @20oC	yes

elevated concentrations.

Fully engineered cells in area. Breakdown of organics in hog most probably contributing to elevated concentrations.

Fully engineered cells in area.

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S005	onsite		Dissolved Oxygen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	20.6, 30, 44.4, 86	% saturation	yes	Breakdown of organics in bog most probably contributing to elevated concentrations.
			Ortho-phosphate (as PO4)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.06		<0.03, <0.03, <0.03, 0.09	mg/L	No	
			pH	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	7.69, 7.65, 7.64, 7.59	pH units	yes	
			Suspended Solids	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40		12, 28, 30, 8	mg/L	yes	
			Temperature	15/02/2017 18/04/2017 30/09/2017 18/12/2017	<2.6 above ambient temperature		5.7, 6.2, 11.2, 8.6	degrees C	yes	
			Total Oxidised Nitrogen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	50		1.2, <1, <1, 1.11	mg/L	yes	
S030	onsite		Ammonia (as N)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.14	All values < ELV	0.74, 0.59, 0.42, 0.46	mg/L	no	Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.
			BOD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	2.6	All values < ELV	1.4, 1.8, 4.3, <5	mg/L	no	
			COD	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40	All values < ELV	31, 26, 61, 35	mg/L	no	
			Chloride	15/02/2017 18/04/2017 30/09/2017 18/12/2017	250	All values < ELV	30, 18.5, 23.6, 20.7	mg/L	yes	
			Conductivity	15/02/2017 18/04/2017 30/09/2017 18/12/2017	1000	All values < ELV	608, 560, 595, 485	µS/cm @20oC	yes	
			Dissolved Oxygen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	61.9, 84.1, 24.9, 64.2	% saturation	yes	
			Ortho-phosphate (as PO4)	15/02/2017 18/04/2017 30/09/2017 18/12/2017	0.06		<0.03, <0.03, <0.03, 0.02	mg/L	yes	
			pH	15/02/2017 18/04/2017 30/09/2017 18/12/2017	No abnormal change	No abnormal change	7.7, 7.73, 7.94, 7.71	pH units	yes	
			Suspended Solids	15/02/2017 18/04/2017 30/09/2017 18/12/2017	40		<5, <5, <5, <5	mg/L	yes	
			Temperature	15/02/2017 18/04/2017 30/09/2017 18/12/2017	<2.6 above ambient temperature		5, 7.4, 11.5, 9	degrees C	yes	
	Total Oxidised Nitrogen	15/02/2017 18/04/2017 30/09/2017 18/12/2017	50		<1, <1, 1.5, 0.59	mg/L	yes			
S001	upstream		Aluminium	18/12/2017	200		<100	ug/l	yes	Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.
			Arsenic		25		1.3	ug/l	yes	
			Boron		0.75		<0.23	mg/l	yes	
			Cadmium		0.00375		<0.0006	mg/l	yes	
			Calcium		200		58.6	mg/l	yes	
			Chromium		0.0375		0.006	mg/l	yes	
			Copper		0.0015		<0.009	mg/l	yes	
			Iron		1		0.67	mg/l	yes	
			Lead		0.01875		<0.006	mg/l	yes	
			Magnesium		50		6.5	mg/l	yes	
			Manganese		50		118	ug/l	yes	
			Mercury		0.05		<0.0001	mg/l	yes	
			Nickel		0.02		0.022	mg/l	yes	
			Potassium		5		5.3	mg/l	no	
	Sodium		150		14.2	mg/l	yes			
	Zinc		0.1		0.02	mg/l	yes			

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S003	downstream	18/12/2017	Alkalinity	No Change		182	mg/l	yes	Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.
			Sulphate	187.5		<5	mg/l	yes	
			Aluminium	200		<100	ug/l	yes	
			Arsenic	25		1.1	ug/l	yes	
			Boron	0.75		<0.23	mg/l	yes	
			Cadmium	0.00375		<0.0006	mg/l	yes	
			Calcium	200		73.6	mg/l	yes	
			Chromium	0.0375		0.006	mg/l	yes	
			Copper	0.0015		<0.009	mg/l	yes	
			Iron	1		0.89	mg/l	yes	
			Lead	0.01875		0.007	mg/l	yes	
			Magnesium	50		11	mg/l	yes	
			Manganese	50		127	ug/l	no	
			Mercury	0.05		<0.0001	mg/l	yes	
			Nickel	0.02		0.015	mg/l	yes	
			Potassium	5		9.64	mg/l	no	
			Sodium	150		29.9	mg/l	yes	
			Zinc	0.1		0.02	mg/l	yes	
			Alkalinity	No Change		255	mg/l	yes	
			Sulphate	187.5		<5	mg/l	yes	
Aluminium	200		<100	ug/l	yes				

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Location	Sample Point	Date	Parameter	Value	Unit	Compliance	
S004	downstream	18/12/2017	Arsenic	25	ug/l	yes	
			Boron	0.75	mg/l	yes	
			Cadmium	0.00375	mg/l	yes	
			Calcium	200	mg/l	yes	
			Chromium	0.0375	mg/l	yes	
			Copper	0.0015	mg/l	yes	
			Iron	1	mg/l	yes	
			Lead	0.01875	mg/l	yes	
			Magnesium	50	mg/l	yes	
			Manganese	50	ug/l	no	
			Mercury	0.05	mg/l	yes	
			Nickel	0.02	mg/l	no	
			Potassium	5	mg/l	no	
			Sodium	150	mg/l	yes	
			Zinc	0.1	mg/l	yes	
			Alkalinity	No Change	409	mg/l	yes
			Sulphate	187.5	112.32	mg/l	yes
S005	onsite	18/12/2017	Aluminium	200	ug/l	yes	
			Arsenic	25	ug/l	yes	
			Boron	0.75	mg/l	no	
			Cadmium	0.00375	mg/l	yes	
			Calcium	200	mg/l	yes	
			Chromium	0.0375	mg/l	yes	
			Copper	0.0015	mg/l	yes	
			Iron	1	mg/l	no	
			Lead	0.01875	mg/l	yes	
			Magnesium	50	mg/l	yes	
			Manganese	50	ug/l	no	
			Mercury	0.05	mg/l	yes	
			Nickel	0.02	mg/l	yes	
			Potassium	5	mg/l	no	
			Sodium	150	mg/l	no	
			Zinc	0.1	mg/l	yes	
			Alkalinity	No Change	870	mg/l	yes
Sulphate	187.5	69.22	mg/l	yes			
S030	onsite	18/12/2017	Aluminium	200	ug/l	yes	
			Arsenic	25	ug/l	yes	
			Boron	0.75	mg/l	yes	
			Cadmium	0.00375	mg/l	yes	
			Calcium	200	mg/l	yes	
			Chromium	0.0375	mg/l	yes	
			Copper	0.0015	mg/l	yes	
			Iron	1	mg/l	yes	
			Lead	0.01875	mg/l	yes	
			Magnesium	50	mg/l	yes	
			Manganese	50	ug/l	no	
			Mercury	0.05	mg/l	yes	
			Nickel	0.02	mg/l	yes	
			Potassium	5	mg/l	yes	
			Sodium	150	mg/l	yes	
			Zinc	0.1	mg/l	yes	
			Alkalinity	No Change	282	mg/l	yes
Sulphate	187.5	45.71	mg/l	yes			

Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.

Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.

Fully engineered cells in area. Breakdown of organics in bog most probably contributing to elevated concentrations.

*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

No Additional information

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 [External/Internal Lab Quality Assessment of results checklist](#)

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

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

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	
----	--

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	
--------	--

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

SELECT	
--------	--

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

SELECT	
--------	--

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)

Yes	
3 years	as per condition 3.11.5
Yes	
6	
All	
1	
No	Bunds Regularly Changed
N/A	
All	
All	
N/A	
N/A	
N/A	

- Please provide integrity testing frequency period
 - Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
 - How many bunds are on site?
 - How many of these bunds have been tested within the required test schedule?
 - How many mobile bunds are on site?
 - Are the mobile bunds included in the bund test schedule?
 - How many of these mobile bunds have been tested within the required test schedule?
 - How many sumps on site are included in the integrity test schedule?
 - How many of these sumps are integrity tested within the test schedule?
- Please list any sump integrity failures in table B1**
- Do all sumps and chambers have high level liquid alarms?
 - If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
 - Is the Fire Water Retention Pond included in your integrity test programme?

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
1A	reinforced concrete		Green waste			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A
1B	reinforced concrete		Green waste			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A
1C	reinforced concrete		Green waste			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A
2	reinforced concrete		Waste quarantine			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A
3	reinforced concrete		Waste inspection			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A
4	reinforced concrete		Waste oil bund			Hydraulic test		02/09/2015	Yes	Pass	N/A	N/A	N/A	N/A

* 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 BS8007/EPA Guidance?

Yes	
Yes	
Yes	

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

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**

No	
N/A	

- Please provide integrity testing frequency period
- *please note integrity testing means water tightness testing of all underground pipelines (as required under your licence)

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: W0026-03 Year: 2017

			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	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
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	
5	Is the contamination related to operations at the facility (either current and/or historic)	yes	historic
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	yes	Groundwater monitoring is continued to be carried out on a monthly basis
7	Please specify the proposed time frame for the remediation strategy	yes	ongoing
8	Is there a licence condition to carry out/update ELRA for the site?	yes	Condition 12.2.2
9	Has any type of risk assessment been carried out for the site?	yes	Completed Groundwater Screening Assessment in 2013
10	Has a Conceptual Site Model been developed for the site?	yes	Completed as part of Groundwater Screening Assessment in 2013
11	Have potential receptors been identified on and off site?	yes	Included in Groundwater Screening Assessment in 2013
12	Is there evidence that contamination is migrating offsite?	no	

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
30/01/2017 21/06/2017 29/09/2017 14/12/2017	G4	Ammonia (as N)	purged sample	Quarterly	2.54	2.27	mg/l	0.175		
		Chloride	purged sample		20.6	17.5	mg/l	187.5		
		Conductivity @ 20°C	purged sample		539	530	µS/cm @20oC	1875		
		Dissolved Oxygen	purged sample		3.71	3.35	mg/l		No Abnormal Change	
		Ortho-P (as P)	purged sample		<0.03	<0.03	mg/l	0.03		
		pH	purged sample		7.7	7.62	pH units	6 - 9		
		Temperature	purged sample		12	10.88	degrees C	25		
		TOC	purged sample		8	7.38	mg/l		No Abnormal Change	
		TON	purged sample		<1	<1	mg/l		No Abnormal Change	
		30/01/2017 21/06/2017 29/09/2017 14/12/2017	G14		Ammonia (as N)	purged sample	Quarterly	1.54	1.37	mg/l
Chloride	purged sample			17.1	16.06	mg/l		187.5		
Conductivity @ 20°C	purged sample			463	433	µS/cm @20oC		1875		
Dissolved Oxygen	purged sample			3.65	3.32	mg/l			No Abnormal Change	
Ortho-P (as P)	purged sample			<0.03	<0.03	mg/l		0.03		
pH	purged sample			7.73	7.63	pH units		6 - 9		
Temperature	purged sample			12.8	11.35	degrees C		25		
TOC	purged sample			6.3	5.43	mg/l			No Abnormal Change	
TON	purged sample			<1	<1	mg/l			No Abnormal Change	

* 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*	IGV	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
30/01/2017 21/06/2017 29/09/2017 14/12/2017	G1	Ammonia (as N)	purged sample	Quarterly	2.65	1.86	mg/l	0.175		
		Chloride	purged sample		52.8	46.03	mg/l	187.5		
		Conductivity @ 20°C	purged sample		1149	1082	µS/cm @20oC	1875		
		Dissolved Oxygen	purged sample		3.78	3.26	mg/l		No Abnormal Change	
		Ortho-P (as P)	purged sample		<0.03	<0.03	mg/l	0.03		
		pH	purged sample		7.58	7.62	pH units	6 - 9		
		Temperature	purged sample		12.3	11.33	degrees C	25		
		TOC	purged sample		11	9.58	mg/l		No Abnormal Change	
		TON	purged sample		<1	<1	mg/l		No Abnormal Change	
		30/01/2017 21/06/2017 29/09/2017 14/12/2017	G2		Ammonia (as N)	purged sample	Quarterly	0.41	0.29	mg/l
Chloride	purged sample			14.6	11.93	mg/l		187.5		
Conductivity @ 20°C	purged sample			489	451	µS/cm @20oC		1875		
Dissolved Oxygen	purged sample			4.55	3.24	mg/l			No Abnormal Change	
Ortho-P (as P)	purged sample			<0.03	<0.03	mg/l		0.03		
pH	purged sample			7.8	7.75	pH units		6 - 9		
Temperature	purged sample			11.8	10.85	degrees C		25		

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:

W0026-03

Year

2017

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

		Commentary	
1	ELRA initial agreement status	Required but not submitted	Completed and Submitted March 2011
2	ELRA review status	Review required and not completed;	Reviewed in 217
3	Amount of Financial Provision cover required as determined by the latest ELRA	€149,760	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	€200,000 up to 2016	
6	Financial Provision for ELRA - type	cash deposit	
7	Financial provision for ELRA expiry date	16/11/2046	
8	Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	
9	Closure plan review status	Review required and completed	Review Completed in
10	Financial Provision for Closure status	Submitted and not agreed by EPA;	
11	Financial Provision for Closure - amount of cover	€2.39 million	Revised in updated CRAMP
12	Financial Provision for Closure - type	cash deposit	
13	Financial provision for Closure expiry date	16/11/2046	

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0026-03	Year	2017
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Highlighted cells contain dropdown menu click to view		Additional Information	
1	Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	
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	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Additional improvements	Improve housekeeping at site	ongoing	Housekeeping duties updated regularly and completed within specified time schedules	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Landfill gas utilisation	100		Section Head	Increased compliance with licence conditions
Groundwater protection	Carry out quarterly groundwater sampling	100	Sampling was conducted at 2 upgradient and 5 downgradient wells to monitor groundwater quality surrounding the site	Section Head	Increased compliance with licence conditions
Surface water protection	Carry out quarterly surface water sampling	100	Sampling was conducted at 5 locations to monitor surface water quality surrounding the site	Section Head	Increased compliance with licence conditions

Noise monitoring summary report

Lic No: W0026-03

Year

2017

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

Yes

If yes please fill in table N1 noise summary below

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

[Noise Guidance note NG4](#)

Yes

3 Does your site have a noise reduction plan

No

4 When was the noise reduction plan last updated?

N/A

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 _{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)?
25/04/2017	12:04 - 12:43	DN1		45.2	42	47.2	65.3	No	No	m7 and N80 traffic noise	Yes
25/04/2017	12:43 - 13:04	DN1		47.6	42.7	49.9		No	No	m7 and N80 traffic noise	Yes
25/04/2017	13:13 - 13:43	DN2		52	45.9	54.3	74.8	No	No	Civic Amenity site and related traffic	Yes
25/04/2017	13:43 - 14:13	DN2		51.4	46.6	53.8		No	No	Civic Amenity site and related traffic	Yes
25/04/2017	10:52 - 11:22	DN3		53.7	47.3	56.8	61.4	No	No	N80 traffic noise	Yes
25/04/2017	11:22 - 11:53	DN3		53.8	48	56.6		No	No	N80 traffic noise	Yes

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

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

SELECT

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0026-03

Year

2017

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
- 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

N/A	
No	
No	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	110.9	74.3	- 33%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	5.47	5.13	- 6.22%	
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

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 ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:	
Groundwater								
Surface water								
Public supply	175	169	- 3.43%					
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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	1948.22				WWTP
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary

Lic No: W0026-03

Year

2017

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: W0026-03	Year: 2017
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	PRTR facility name	dropdown list click to see options

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

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility? *(waste generated within your boundaries is to be captured through PRTR reporting)*
 If yes please enter details in table 1 below

Additional Information	
Yes	Public waste deposit area & CA Site
No	
No	

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

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 European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted <i>Please enter an accurate and detailed description - which applies to relevant EWC code</i> European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments
	13 02 04	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 13)	Oil Filters/Waste Oil	23.36					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0	
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Paper & Card Packaging	140.9					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)		
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	71.48					R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Metallic Packaging	32.56					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)		
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass Packaging	107.38					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)		

WASTE SUMMARY		Lic No:		W0026-03		Year		2017	
	16 01 07	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Oil Filters	0.56				R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Recycled Car Tyres	13.44				R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
	16 05 05	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Gases in pressure containers other than those mentioned in 160504	1.56				R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Domestic C&D Waste	2849.74				R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Carboard/Newspaper	128.8				R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0

WASTE SUMMARY		Lic No:		W0026-03		Year		2017	
20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plate Glass/Recycled Glass	8.54					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable Kitchen and canteen waste	39.36					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
20 01 11	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Textiles	35.22					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 21	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Fluorescent Lamp	1.96					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 27	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paint, inks, adhesives and resins containing dangerous substances	17.84					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	

WASTE SUMMARY		Lic No:		W0026-03		Year		2017	
20 01 33	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Recycled Batteries	1.34					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	WEEE	198.18					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastics	216.72					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Aluminium Cans/Recycled Metal	174.98					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hedge Trimmings/Compost Material	0.66					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0

WASTE SUMMARY		Lic No:		W0026-03		Year		2017	
20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Commercial Waste/Domestic Waste	2419.23					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Community Clean Up/Street Sweepings	58.64					R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0
20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste/Mattress/Gas Cylinders	146.86					D15-Storage pending any of the operations numbered D1 to D14	0

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
- 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
- 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?

N/A	
Yes	
Yes	
Yes	
No	

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
				Closed Landfill/Domestic Waste deposit area for offsite treatment and disposal

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
		Nov-12	No	Public	Non Hazardous	Closed Landfill	No	No	No	SELECT UNIT	SELECT UNIT	SELECT UNIT	

WASTE SUMMARY	Lic No: W0026-03	Year: 2017
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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 SS3.4(1)(5) of WMA been submitted in reporting year	Comments
Yes	Yes	Yes	Yes	Yes	No	No	Yes	Topography is considered the same as 2013

* 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 Areas Capped	0	126,740 m ²	Entire landfill capped		Concrete	All areas Permanently 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
No

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

Volume of leachate in reporting year(m ³)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH ₄) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments
1,948.22	39.93	909.82	611.37	914.3	None	Off Site Waste Water 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
1,320,344	No	No	No	Gas is flared off



[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2017
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1. FACILITY IDENTIFICATION

Parent Company Name	Laois County Council
Facility Name	Kyletalesha Landfill
PRTR Identification Number	W0026
Licence Number	W0026-03

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Clonsoughy
Address 2	Kyleclonhobert
Address 3	
Address 4	
Country	Laois
Country	Ireland
Coordinates of Location	-6.36721 53.325
River Basin District	IESE
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Ken Farrell
AER Returns Contact Email Address	kfarrell@laoiscoco.ie
AER Returns Contact Position	Landfill Manager
AER Returns Contact Telephone Number	087 7999945
AER Returns Contact Mobile Phone Number	087 7999945
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	3
User Feedback/Comments	
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) ?	
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This question is only applicable if you are an IPPC or Quarry site

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0026 | Facility Name: Kylaatesha Landfill | Filename: W0026_2017_A01.xls | Return Year: 2017 |

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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		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
03	Carbon dioxide (CO2)	C	OTH	Gas Sim 2.5 Statistics & Site data	12653.275536	223678.5408	0.0	211025.265264
01	Methane (CH4)	C	OTH	Gas Sim 2.5 Statistics & Site data	5399.68	581838.4	0.0	576438.72

* 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	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
15	Chlorofluorocarbons (CFCs)	C	OTH	Gas Sim 2.5 PI Report	0.0	2.15	0.0	2.15
14	Hydrochlorofluorocarbons (HCFCs)	C	OTH	Gas Sim 2.5 PI Report	0.0	2.06	0.0	2.06

* 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	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

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:	Kylaatesha Landfill				
	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)	851822.4	C	OTH	Gassim 2.5	N/A
Methane flared	269984.0	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)	581838.4	C	OTH	Gassim 2.5 Statistics - Site	N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0026 | Facility Name : Kyletalesha Landfill | Filename : W0026_2017_A01.xls | Return Year : 2017 |

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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 concerns Releases from your faci

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# : W0026 | Facility Name : Kyletalesha Landfill | Filename : W0026_2017_A01.xls | Return Y

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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](#)

| PRTR# : W0026 | Facility Name : Kyletalesha Landfill | Filename : W0026_2017_A01.xls | Return Year : 2017 |

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SECTION A : PRTR POLLUTANTS

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

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

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

PRTR# : W026 | Facility Name : Kylaatesha Landfill | File Name : W026_2017_A01.xls | Return Year : 2017

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Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Licence/Permit No. of Next Destination Facility Non-Haz Waste: Name and Licence/Permit No. of Receiver/Disposer	Haz Waste: Address of Next Destination Facility Non-Haz Waste: Address of Receiver/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	13.02.04	Yes	13.38	mineral-based chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Limited,W0184-02	Cionnminam Industrial Estate,Portlaoise,County Laois,Ireland	Enva Ltd,W0184-01,Cionnminam Industrial Estate,Portlaoise,Laois,Ireland	Enva Ltd,Cionnminam Industrial Estate,Portlaoise,Laois,Ireland
Within the Country	15.01.01	No	140.9	paper and cardboard packaging	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	15.01.02	No	71.48	plastic packaging	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	15.01.04	No	32.56	metallic packaging	R12	M	Weighed	Offsite in Ireland	Hammond Lane Metal Co.(Pigeon House),WFP-DC-09-0013-01	Hammond Lane Metal Co.(Pigeon House),Ringsend,Dublin 4,,Ireland		
Within the Country	15.01.07	No	107.38	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glasco Limited,W0279-02	Unit 4 Oberstown Industrial Park,Caragh Road,Naas Co Kildare,,Ireland		
Within the Country	16.01.03	No	13.44	end-of-life tyres	R3	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
To Other Countries	16.01.07	Yes	0.56	oil filters	R12	M	Weighed	Abroad	Enva Ireland Limited,W0184-02	Cionnminam Industrial Estate,Portlaoise,County Laois,Ireland	RD Recycling,Ovam Approved,Centrum Zuid,3017,Houthalen,B3530,Belgium	Centrum Zuid,3017,Houthalen,B3530,Belgium
Within the Country	17.01.07	No	1849.74	01.06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17.01.07	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	19.07.03	No	1948.22	19.07.02 landfill leachate other than those mentioned in 19.07.02	D8	M	Weighed	Offsite in Ireland	Portlaoise Wastewater Treatment Plant,D001-01	Ridge Road,,Portlaoise,Co Laois,Ireland		
Within the Country	20.01.01	No	128.8	paper and cardboard	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	20.01.08	No	39.36	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Bord Na Mona,W0198-01	Bord na Mona (Kilberry),Kilberry, Athy Co Kildare?,Ireland		
Within the Country	20.01.11	No	35.22	textiles	R12	M	Weighed	Offsite in Ireland	Textile Recycling Limited,Enva Ireland	Enva Ltd,W0184-01,Cionnminam Industrial Estate,Portlaoise,Laois,Ireland		
Within the Country	20.01.21	Yes	1.98	fluorescent tubes and other mercury-containing waste	R12	M	Weighed	Offsite in Ireland	Enva Ireland Limited,W0184-02	Cionnminam Industrial Estate,Portlaoise,County Laois,Ireland	Enva Ltd,W0184-01,Cionnminam Industrial Estate,Portlaoise,Laois,Ireland	Enva Ltd,Cionnminam Industrial Estate,Portlaoise,Laois,Ireland
To Other Countries	20.01.27	Yes	17.84	paint,inks, adhesives and resins containing dangerous substances	R12	M	Weighed	Abroad	Enva Ireland Limited,W0184-02	Cionnminam Industrial Estate,Portlaoise,County Laois,Ireland	Recyfuel S.A.Belgian Authorities Permitted,Zoning Industrial d'Ehein, B-4480, ENGIS BELGIUM,B-4480,Belgium	Zoning Industrial d'Ehein, B-4480, ENGIS BELGIUM,B-4480,Belgium
Within the Country	20.01.33	Yes	1.34	batteries and accumulators included in 16.06.01, 16.06.02 or 16.06.03 and unsorted batteries and accumulators containing these	R12	M	Weighed	Offsite in Ireland	KMK Metals Recycling Limited,W0113-04	Cappincur Industrial Estate,Daingean Road, Tullamore Co Offaly,,Ireland	Recyfuel S.A.Belgian Authorities Permitted,Zoning Industrial d'Ehein, B-4480, ENGIS BELGIUM,B-4480,Belgium	Cappincur Industrial Estate,Daingean Road,Tullamore,Offaly,Ireland
Within the Country	20.01.36	No	198.18	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 Limited,W0113-04	Cappincur Industrial Estate,Daingean Road, Tullamore Co Offaly,,Ireland		
Within the Country	20.01.39	No	116.72	plastics	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	20.01.40	No	174.98	metals	R12	M	Weighed	Offsite in Ireland	Hammond Lane Metal Co.(Pigeon House),WFP-DC-09-0013-01	Hammond Lane Metal Co.(Pigeon House),Ringsend,Dublin 4,,Ireland		
Within the Country	20.02.01	No	0.66	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Bord Na Mona,W0198-01	Bord na Mona (Kilberry),Kilberry, Athy Co Kildare?,Ireland		
Within the Country	20.03.01	No	2419.23	mixed municipal waste - including waste brought to the domestic tipping area by householders, illegal dumping in bins at the CA site and illegal dumping collected by litter wardens	R12	M	Weighed	Offsite in Ireland	Bord na Mona Public Limited Company/Drehid Waste Management Facility,W0201-03	Killinagh Lower and Killinagh Upper,Carbury,County Kildare,,Ireland		
Within the Country	20.03.03	No	59.64	street-cleaning residues	R12	M	Weighed	Offsite in Ireland	AES - Portlaoise, W0194-02	Advanced Environmental Solutions (Ireland) Ltd, Kylaatesha & Kyledonhobert,Portlaoise,County Laois,,Ireland		
Within the Country	20.03.07	No	135.2	bulky waste	D5	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	16.05.05	No	1.58	gases in pressure containers other than those mentioned in 16.05.04	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	20.03.07	No	11.66	Mattresses	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		
Within the Country	20.01.02	No	8.54	glass	R12	M	Weighed	Offsite in Ireland	AES Ireland,W0104-02	Cappincur,,Tullamore,Co Offaly,Ireland		

* 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](#)