

**Facility Information Summary**


AER Reporting Year	2014
Licence Register Number	W0104-03
Name of site	W0104-02
Site Location	Cappincur, Tullamore, Co. Offaly
NACE Code	3832
Class/Classes of Activity	3rd Schedule Class D12, D13, D14; 4th Schedule Class R3, R4, R5, R12, R13
National Grid Reference (6E, 6 N)	

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.**

AES Tullamore operates as a Materials Recovery Facility for Mixed Dry Recyables and Waste Transfer Station for Domestic, Commercial, Industrial and C & D wastes. The facility operated within its licence capacity of 60,000tpa in 2014. There were no complaints in 2014 and no incidents with the exception of dust exceedances on three occasions which were not attributed to waste activities at the site.

**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.

	30/04/15
Signature Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	Date

**AIR-summary template**

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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	

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

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
D1	Total Particulates	Three times/yr	350 mg/m <sup>2</sup> /day	100 % of values ≤ ELV	222	mg/m <sup>2</sup> /day	yes	Gravimetric		
D2	Total Particulates	Three times/yr	350 mg/m <sup>2</sup> /day	100 % of values ≤ ELV	428	mg/m <sup>2</sup> /day	no (if no please enter details in comments box)	Gravimetric		Exceedance of licence limit of 350mg/m <sup>2</sup> /day with a result of 357mg/m <sup>2</sup> /day round 1 and 756mg/m <sup>2</sup> /day in round 3
D3	Total Particulates	Three times/yr	350 mg/m <sup>2</sup> /day	100 % of values ≤ ELV	414	mg/m <sup>2</sup> /day	no (if no please enter details in comments box)	Gravimetric		Exceedance of licence limit of 350mg/m <sup>2</sup> /day with a result of 363mg/m <sup>2</sup> /day round 2 and 688mg/m <sup>2</sup> /day in round 3
D4	Total Particulates	Three times/yr	350 mg/m <sup>2</sup> /day	100 % of values ≤ ELV	269	mg/m <sup>2</sup> /day	yes	Gravimetric		Exceedance of licence limit of 350mg/m <sup>2</sup> /day with a result of 449mg/m <sup>2</sup> /day in round 3

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

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<b>Continuous Monitoring</b>			

4 Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)	No	
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT	
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	
7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	

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

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

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



<p>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 <b>you do not have</b> licensed emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections</p> <p>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></p>	Additional information
Yes	
Yes	

**Table W1 Storm water monitoring**

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger values in licence or any revision thereof <sup>Note 2</sup>	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW-1	onsite	SELECT	BOD	Annual Average	3.72	All values < ELV	<2	mg/L	yes	
SW-1	onsite	SELECT	COD	Annual Average	50	All values < ELV	24.3	mg/L	yes	
SW-1	onsite	SELECT	Suspended Solids	Annual Average	35	All values < ELV	9	mg/L	yes	
SW-1	onsite	SELECT	Ammonia (as N)	Annual Average	0.9	All values < ELV	0.34	mg/L	yes	
SW-1	onsite	SELECT	Mineral oils	Annual Average	0.01	All values < ELV	<0.01	mg/L	yes	
SW-1	onsite	SELECT	pH	Annual Average	6.5 - 9.0	All values < ELV	7.6	pH units	yes	
SW-1	onsite	Chlorides (as Cl)	SELECT	Annual Average	50	All values < ELV	26.3	mg/L	yes	
SW-1	onsite	SELECT	Conductivity	Annual Average	1000	All values < ELV	727	µS/cm @20°C	yes	

Note 2 Storm water trigger values (Action Limits)

**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)**

<p>3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below</p> <p>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</p>	Additional information
No	
Yes	

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

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

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

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

Lic No:

W0104-03

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**Continuous monitoring**

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

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

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

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

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

SELECT	
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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)

2 Please provide integrity testing frequency period

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

4 How many bunds are on site?

5 How many of these bunds have been tested within the required test schedule?

6 How many mobile bunds are on site?

7 Are the mobile bunds included in the bund test schedule?

8 How many of these mobile bunds have been tested within the required test schedule?

9 How many sumps on site are included in the integrity test schedule?

10 How many of these sumps are integrity tested within the test schedule?  
Please list any sump integrity failures in table B1

11 Do all sumps and chambers have high level liquid alarms?

12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?

13 Is the Fire Water Retention Pond included in your integrity test programme?

Yes	
3 years	
Yes	
2	TEMPORARY BUNDS FOR ADBLUE AND WASTE QUARANTINE
ALL	
2	
Yes	
2	ALL BUNDS DUE FOR TESTING IN 2015
1	STORM WATER INTERCEPTORS
1	
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)
						SELECT			SELECT	SELECT		SELECT		
						SELECT			SELECT	SELECT		SELECT		

\* Capacity required should comply with 25% or 110% containment ratio as detailed in your licence  
Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with [bundings and storage guidelines](#)

Commentary

SELECT
SELECT
SELECT

15 BS8007/EPA Guidance?

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

17 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**

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)

Yes	
3 years	Integrity tests due in 2015

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

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

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

<b>Groundwater/Soil monitoring template</b>	Lic No: W0104-03	Year 2014
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			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	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 interpretaion as an additional section in this AER	
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.	<a href="#">Groundwater monitoring template</a>	<p>Quarterly monitoring was completed at 1 upgradient well (GW-1A) and 2 downgradient wells (GW2&amp;GW3). The following exceedances were noted:</p> <p>Ammonium at GW-2 0.18mg/l above GTV of 0.065-0.175 for Qtr 1. Faecal Coliforms detcted in annual event GW-1A 40cfu/100ml, GW-2 290cfu/100ml, GW-3 4 cfu/100ml.</p>	
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT		NOT APPLIABLE
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	SELECT		NOT APPLIABLE
7	Please specify the proposed time frame for the remediation strategy	SELECT		NOT APPLIABLE
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT		NOT APPLIABLE
9	Has any type of risk assesment been carried out for the site?	SELECT		NOT APPLIABLE
10	Has a Conceptual Site Model been developed for the site?	SELECT		NOT APPLIABLE
11	Have potential receptors been identified on and off site?	SELECT		NOT APPLIABLE
12	Is there evidence that contamination is migrating offsite?	SELECT		NOT APPLIABLE

**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
Quarterly	GW1A	pH	APHA 2012 4500 H&B	Quarterly	7.8	7.6	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	GW1A	Conductivity	APHA 2012 2510B	Quarterly	543.0	527.3	µS/cm	800 – 1875	1000	no
Quarterly	GW1A	Ammonia as NH3	APHA 2012 4500-NH3	Quarterly	0.13	0.06	mg/l	0.05-0.136		no
Quarterly	GW1A	Ammonium	APHA 2012 4500-	Quarterly	0.17	0.08	mg/l	0.065-0.176	0.01	no
Quarterly	GW1A	DRO	Gas Chromatography	Quarterly	<0.01	<0.01	mg/l	0.01	0.01	no
31/07/2014	GW1A	COD	APHA 2012 5220D	Annually	<10		mg/l			
31/07/2014	GW1A	Nitrate as NO3	APHA 2012 4500-NO <sub>3</sub> B. Colorimetric Method	Annually	<0.2		mg/l	37.5	25	no
31/07/2014	GW1A	Total Nitrogen	APHA 2012 4500-NO <sub>2</sub> B. Colorimetric Method	Annually	<1		mg/l			no
31/07/2014	GW1A	TOC	TOC Analyser	Annually	<5		mg/l			no

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31/07/2014	GW1A	Chloride	APHA 2012 4500-CL-E	Annually	14.0		mg/l		30	no
31/07/2014	GW1A	Fluoride	APHA 2012 4110B	Annually	<0.1		mg/l		1	no
31/07/2014	GW1A	Sulphate	APHA 2012 4110B	Annually	9.3		mg/l	187.5	200	no
31/07/2014	GW1A	Faecal Coliforms	MTM025	Annually	40.0		MPN / 100 ml	0	0	no
31/07/2014	GW1A	Total Coliforms	MTM025	Annually	40.0		MPN / 100 ml	0	0	no
31/07/2014	GW1A	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	6.0		ug/l	0.0075	0.01	no
31/07/2014	GW1A	Mercury - dissolved	ICP-MS	Annually	<1		ug/l	0.00075	0.001	no
31/07/2014	GW1A	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<1		ug/l	-	-	no

average indicates arithmetic mean

rounded concentration from all monitoring results produced during the reporting year

#### Annual 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
Quarterly	GW2	pH	APHA 2012 4500 H&B	Quarterly	598	7.47	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	GW2	Conductivity	APHA 2012 2510B	Quarterly	0.14	565.5	µS/cm	800 – 1875	1000	no
Quarterly	GW2	Ammonia as NH3	APHA 2012 4500-NH3 and bluebook Ammonia in waters 1981	Quarterly	0.18	0.10	mg/l	0.065-0.175		no
Quarterly	GW2	Ammonium	APHA 2012 4500-NH4 and bluebook Ammonia in waters 1981	Quarterly	<0.01	<0.01	mg/l	0.065-0.176	0.01	no
Quarterly	GW2	DRO	Gas Chromatography	Quarterly	<0.01	<0.01	mg/l	0.01	0.01	no
31/07/2014	GW2	COD	APHA 2012 5220D	Annually	12		mg/l			no
31/07/2014	GW2	Nitrate as NO3	APHA 2012 4500-NO <sub>3</sub> B. Colorimetric Method	Annually	<0.2		mg/l	37.5	25	no
31/07/2014	GW2	Total Nitrogen	APHA 2012 4500-NO <sub>2</sub> B. Colorimetric Method	Annually	<1		mg/l			no
31/07/2014	GW2	TOC	TOC Analyser	Annually	<5		mg/l			no
31/07/2014	GW2	Chloride	APHA 2012 4500-CL-E	Annually	14		mg/l		30	no
31/07/2014	GW2	Fluoride	APHA 2012 4110B	Annually	<0.1		mg/l		1	no
31/07/2014	GW2	Sulphate	APHA 2012 4110B	Annually	15		mg/l	187.5	200	no
31/07/2014	GW2	Faecal Coliforms	MTM025	Annually	290		MPN / 100 ml	0	0	yes
31/07/2014	GW2	Total Coliforms	MTM025	Annually	90		MPN / 100 ml	0	0	yes
31/07/2014	GW2	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	10.0		ug/l	0.0075	0.01	no
31/07/2014	GW2	Mercury - dissolved	ICP-MS	Annually	<1		ug/l	0.00075	0.001	no

Groundwater/Soil monitoring template				Lic No:	W0104-03	Year	2014			
31/07/2014	<b>GW2</b>	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<1		ug/l		-	no
Quarterly	<b>GW3</b>	pH	APHA 2012 4500 H&B	Quarterly	7.6	7.5	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	<b>GW3</b>	Conductivity	APHA 2012 2510B	Quarterly	589.0	549.0	µS/cm	800 – 1875	1000	no
Quarterly	<b>GW3</b>	Ammonia as NH3	APHA 2012 4500-NH3 and bluebook Ammonia in waters 1981	Annually	<0.3		mg/l	0.065-0.175		no
Quarterly	<b>GW2</b>	Ammonium	APHA 2012 4500-NH4 and bluebook Ammonia in waters 1981	Quarterly	0.13	0.04	mg/l	0.065-0.176	0.01	no
Quarterly	<b>GW3</b>	DRO	Gas Chromatography	Quarterly	0.01	0.01	mg/l	0.01	0.01	no
31/07/2014	<b>GW3</b>	COD	APHA 2012 5220D	Annually	<10		mg/l			no
31/07/2014	<b>GW3</b>	Nitrate as NO3	APHA 2012 4500-NO <sub>2</sub> B. Colorimetric Method	Annually	<0.2		mg/l	37.5	25	no
31/07/2014	<b>GW3</b>	Total Nitrogen	APHA 2012 4500-NO <sub>2</sub> B. Colorimetric Method	Annually	<1		mg/l			no
31/07/2014	<b>GW3</b>	TOC	TOC Analyser	Annually	<5		mg/l			no
31/07/2014	<b>GW3</b>	Chloride	APHA 2012 4500-CL-E	Annually	15		mg/l		30	no
31/07/2014	<b>GW3</b>	Fluoride	APHA 2012 4110B	Annually	<0.1		mg/l		1	no
31/07/2014	<b>GW3</b>	Sulphate	APHA 2012 4110B	Annually	10		mg/l	187.5	200	no
31/07/2014	<b>GW3</b>	Faecal Coliforms	MTM025	Annually	4		MPN / 100 ml	0	0	no
31/07/2014	<b>GW3</b>	Total Coliforms	MTM025	Annually	4		MPN / 100 ml	0	0	no
31/07/2014	<b>GW3</b>	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	10.000		ug/l	0.0075	0.01	no
31/07/2014	<b>GW3</b>	Mercury - dissolved	ICP-MS	Annually	<1		ug/l	0.00075	0.001	no
31/07/2014	<b>GW3</b>	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<1		ug/l		-	no
*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.							<a href="#">Groundwater monitoring template</a>			
More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)							<a href="#">Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013)</a>			
**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS). If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)							<a href="#">Groundwater Surface water EOS</a> <a href="#">Drinking water (private supply) regulations</a> <a href="#">Drinking water (public supply) standards</a> <a href="#">Interim Guideline Values (IGV)</a>			

## Groundwater/Soil monitoring template

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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

<b>Environmental Liabilities template</b>	Lic No:	W0104-03	Year	2014
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[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary	
1	ELRA initial agreement status	Submitted and not agreed by EPA;	
2	ELRA review status	Review required and completed	Revised ELRA submitted to the Agency in February 2015 in accordance with Licence revision W0104-03
3	Amount of Financial Provision cover required as determined by the latest ELRA	€371,880	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	€371,880	
6	Financial Provision for ELRA - type	Other please specify	Bord na Mona is investigating the possibility of having a Parent Company Guarantee arrangement in place.
7	Financial provision for ELRA expiry date	Annually or subject to operational change that would warrant a review	
8	Closure plan initial agreement status	Required but not submitted	DMP will be prepared and submitted to the Agency in 2015
9	Closure plan review status		Under review
10	Financial Provision for Closure status	Required but not submitted	Under Review
11	Financial Provision for Closure - amount of cover	No expiration specified.	Not yet determined
12	Financial Provision for Closure - type	Other please specify	Parent Company Guarantee.
13	Financial provision for Closure expiry date	No expiration specified.	No expiration specified.

**Environmental Management Programme/Continuous Improvement Programme template** Lic No: W0104-03 Year 2014

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	The Licensee holds a fully NSAI accredited Intergrated Management System incorporating Environmental (ISO 14001), Health and Safety (OHSAS 18000) and (Quality ISO9002). These management systems are maintained through on-site co-operation with the Environmental Officers and dedicated systems co-ordinators. They are audited on a bi-annual basis internally and externally on an annual basis.
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	Yes. An aspects register is maintained on-site and updated on an annual review basis.
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	Yes. Environmental Objectives and Targets are set on an annual basis.
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	Yes. Any member of the public can request access to such information

**Environmental Management Programme (EMP) report**

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	Diversion of biodegradable waste from landfill	60	Roll out of brown bin services in the following towns: Clara Banagher	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Reduce frequency of storm water discharge exceedances	95	Purchased new Road sweeper in Jan 2014	Section Head	Increased compliance with licence conditions
Reduction of emissions to Water	Reduce frequency of storm water discharge exceedances	50	Upgrade works to the Wheelwash, Increased the height of the framing; redirect the nozzles to reduce any overspray, increase the frequency of service; empty out the recirculation chamber every 3 months	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Reduce the volume of diesel used by AES to 33% by 2020	60	Changing 3 domestic routes fr	Individual	Reduced emissions
SELECT		SELECT		SELECT	SELECT

## Noise monitoring summary report

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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

Yes

3 Does your site have a noise reduction plan

No

4 When was the noise reduction plan last updated?

Enter date

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

No

**Table N1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
26/05/2014	30 Mins	N1		60-64	61-66	57-59	80-84	No	SELECT	<u>Site</u> – An average of 7 passing vehicles per monitoring event (mostly lorries) entering site close to monitoring position (7m). Activity within main recycling shed occasionally audible (100m). Wheel-wash operating continuously (25m). <u>Background</u> – Continuous passing traffic on Tullamore Bypass (25m) and heavy traffic on the Tullamore Daingean Rd. (15m) - dominant.	Yes
26/05/2014	30 Mins	N2		59-64	62-67	51-56	75-79	No	SELECT	<u>Site</u> – Occasional traffic entering/exiting site and passing close to monitoring position (15m). Activity within main recycling shed (60m) occasionally audible during periods of low road traffic. Lorry's unloading skips at entrance to reception shed - engines idling. <u>Background</u> – Continuous passing traffic on Tullamore Bypass (180m) and heavy traffic on the Tullamore Daingean Rd. (10m) - dominant.	Yes
26/05/2014	30 Mins	N3		52-57	49-58	46-57	72-85	No	SELECT	<u>Site</u> – Site activity – not clearly visible due to pallet stacking. Traffic entering/exiting rear of site (10-50m). Activities within reception shed occasionally audible. Continuous FLT movement about site. <u>Background</u> – Heavy road traffic the Bypass was clearly audible. Dog barking within nearby pound (30m).	Yes
26/05/2014	30 Mins	N4		61-63	64-66	53-56	79-87	No	SELECT	<u>Site</u> – Traffic entering/exiting rear of site (15m) – low level. Lorry's idling in rear yard and revving engines to pump air brakes. Activities within reception shed occasionally audible. Continuous FLT movement about rear of site. <u>Background</u> – Heavy road traffic the Bypass was clearly audible.	Yes



26/05/2014	30 Mins	NSL	NSL	53-55	56-58	46-49	65-72	Yes	No	Site –No audible activity. Background – Traffic on the Tullamore bypass dominant. Occasional passing traffic on the Daingean Rd	Yes
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\*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)

- 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

[SEAI - Large Industry Energy Network \(LIEN\)](#)

**Additional information**

Enter date of audit	
SELECT	
SELECT	

**Table R1 Energy usage on site**

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	7643.72	5634.63		Efficiencies achieved through route optimisation
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	392.52	244.14		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	713.123	530.12		
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

Conversion	
Kerosene	0.009821 MWh/ltr
Gasoil	0.010165 kWh/ltr
Med FO	0.010786 kWh/ltr
DERV	0.010169 kWh/ltr
Petrol	0.009269 kWh/ltr

	2013	2014
	575973	455598.17
	137150	74521.89
	5309.2349	4632.977791
	1357.708555	757.5150119
	6666.94	5390.492803

\* 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 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	Unaccounted for Water:
					Volume Discharged back to environment(m <sup>3</sup> /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	
Groundwater							
Surface water							
Public supply							
Recycled water							
Total							

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

**Table R3 Waste Stream Summary**

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

**Resource Usage/Energy efficiency summary** Lic No: W0104-03 Year 2014

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



<b>WASTE SUMMARY</b>	Lic No: W0104-03	Year: 2014
<b>SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES</b>	PRTR facility logon	dropdown list click to see options

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

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

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWG code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWG code <a href="#">European Waste Catalogue EWG codes</a>	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 -
60000	15 01 01	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	paper and cardboard packaging	5273.559	5449.326	-3%	Attempts to reduce waste intake in line with Waste licence tonnage	100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	184.44	
	15 01 02	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	873.718	901.476	-3%		100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	79.96	
	15 01 03	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	wooden packaging	181.795	124.829	46%	Improved classification of waste streams	100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	361	
	15 01 04	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	metallic packaging	17.29	32.7	-47%	Diverted directly to other waste contractor	84%	R4- Recycling/reclamation of metals and metal compounds	35.25	
	15 01 06	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	mixed packaging	79.6	0	100%	New Waste stream	100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)		

WASTE SUMMARY		Lic No:		W0104-03		Year		2014	
16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	end-of-life-tyres	5	7.64	-35%	improved segregation at source	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
17 01 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	bricks	3.08	56.82	-95%	improved segregation at source	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	mixture of concrete, bricks, tiles and ceramics other than those mentioned in 170106	36.66	157.98	-77%	attempts to reduce waste intake in line with Waste licence tonnage	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C & D wood	216.32	340.58	-36%	improved waste classification	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
17 02 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	C & D glass	64.76	6.66	872%	increased acceptance of this waste stream	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials		
17 04 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Aluminium	1.3	0	100%	New Waste stream	R4- Recycling/reclamation of metals and metal compounds		
17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D metals	222.82	360.85	-38%	Less waste produced	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	3	
17 06 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Insulation materials other than those mentioned in 17 06 01 and 1706 03	11.22	0	100%	improved waste classification	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D wastes	380.29	1555.45	-76%	Better waste segregation at source: Diversion of waste to AES Portlaoise	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
18 01 04	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)	Healthcare Wastes (non-hazardous)	409.13	640.91	-36%	Diversion of waste to AES Portlaoise	D15-Storage pending any of the operations numbered DT to D14		
19 08 05	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	sludges from treatment of urban waste water	1.04	31.86	-97%	Diversion of waste to AES Portlaoise	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	

WASTE SUMMARY		Lic No:		W0104-03		Year		2014	
	19 12 01	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	paper and cardboard	17.28	0	100%	Improved waste classification	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	19 12 07	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Wood other than that mentioned in 19 12 06	5.34	3.44	55%	Improved waste classification	R3-Recycling/reclamation or organic substances which are not used as solvents(including composting as another biological transformation processes)which includes gasification and pyrolysis	
	19 12 10	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Combustible waste (refuse derived fuel)	170.57	0	100%	Improved waste classification	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 191211	17.94	0	#DIV/0!	Improved waste classification	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	69.3
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	paper and cardboard	412.81	120.97	241%	Better waste segregation at source:	45% 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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	20 01 35	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hazardous WEEE (White goods)	1.34	28.18	95%	Diversion of waste stream to KMK Metals	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Non-hazardous WEEE (White goods)	9.98	3.2	212%	Diversion of waste stream to KMK Metals	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Wood (Municipal - separately collected fraction)	33.29	4.34	667%	Better waste classification	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	

WASTE SUMMARY		Lic No:		W0104-03		Year		2014		
	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastic (Municipal - Separately collected fraction)	267.27	83.972	218%	Better waste classification		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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metals (Municipal - Separately collected fraction)	91.51	124.145	-26%	Better waste classification		R4- Recycling/reclamation of metals and metal compounds	24.15
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Garden and Park wastes	18.32	47.99	62%	Diversion of waste stream to AES portlaoise		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	7
	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Cleansing Residues	246.41	222.42	11%	increased acceptance of this waste stream		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	15 0107D	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass packaging from Domestic Sources	4.92	19.2	-74%	Diversion of waste stream directly to Rehab Glassco	100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	15 01 07C	15- WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass packaging from Commercial Sources	333.76	389.275	-14%	Diversion of waste stream directly to Rehab Glassco	100%	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, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	20 01 08C	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable kitchen and canteen wastes (commercial)	251.88	21.46	1074%	Better waste classification and diversion of biowaste streams to AES Portlaoise	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	10
	20 01 08D	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable kitchen and canteen wastes (domestic)	425.44	1171.38	-64%	Diversion of waste stream to AES portlaoise	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 03 01C	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Commercial)	9529.787	12205.159	-22%	Diversion of waste stream to AES portlaoise	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	259.4
	20 01 03D	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Domestic)	8107.95	11715.994	-31%	Diversion of waste stream to AES portlaoise	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	





WASTE SUMMARY		Lic No:	W0104-03	Year	2014
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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

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

**Table 5 Capping-Landfill only**

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

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

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

SELECT

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

SELECT

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

**Table 7 Landfill Gas-Landfill only**

Gas Captured&Treated by LFG System m3	Power generated (MW / KWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
			SELECT	



Environmental Protection Agency

| PRTR# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104\_2014 (2).xls | Return Year : 2014 |

[Guidance to completing the PRTR workbook](#)

# AER Returns Workbook

Version 1.1.18

<b>REFERENCE YEAR</b>	2014
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## 1. FACILITY IDENTIFICATION

Parent Company Name	Advanced Environmental Solutions (Ireland) Limited
Facility Name	Advanced Environmental Solutions (Ireland) Limited (Tullamore)
PRTR Identification Number	W0104
Licence Number	W0104-02

### Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Cappincur Industrial Estate
Address 2	Cappincur
Address 3	Tullamore
Address 4	
	Offaly
Country	Ireland
Coordinates of Location	-7.36043 53.5185
River Basin District	IEGBNISH
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
<b>AER Returns Contact Name</b>	Charlotte Greene
<b>AER Returns Contact Email Address</b>	charlotte.greene@bnm.ie
<b>AER Returns Contact Position</b>	Environmental Officer
<b>AER Returns Contact Telephone Number</b>	045 439492
<b>AER Returns Contact Mobile Phone Number</b>	087 7697465
<b>AER Returns Contact Fax Number</b>	
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	86
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

## 2. PRTR CLASS ACTIVITIES

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

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

Is it applicable?	No
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

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

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104\_2014 (2).xls | Return Year : 2014 |

30/04/2015 21:28

**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

**Additional Data Requested from Landfill operators**

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

Landfill: Advanced Environmental Solutions (Ireland) Limited (Tullamore)

Please enter summary data on the quantities of methane flared and / or utilised

	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
			Method Code	Designation or Description	
Total estimated methane generation (as per site model)	0.0				N/A
Methane flared	0.0				0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104\_2014 (2).xls | Return Year : 2014 |

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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 t

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# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore)

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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# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104\_2014 (2).xls | Return Year : 2014

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SECTION A : PRTR POLLUTANTS

POLLUTANT		RELEASES TO LAND			Please enter all quantities in this section in KGs		
No. Annex II	Name	M/C/E	METHOD		QUANTITY		
			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		RELEASES TO LAND			Please enter all quantities in this section in KGs		
Pollutant No.	Name	M/C/E	METHOD		QUANTITY		
			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# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104\_2014 (2).xls | Return Year : 2014 |

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Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste : Name and Licence/Permit No of Recoverer/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste : Address of Recoverer/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	15 01 01	No	82.0	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Ballymount Road,Walkinstown,Dublin,12 ,Ireland		
Within the Country	15 01 01	No	40.2	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Agnail Limited,IRE/AG117/12	Ballymacken Industrial Estate,Ballymacken,Portlaois ,Co. Laois,Ireland		
To Other Countries	15 01 01	No	17965.67	paper and cardboard packaging	R3	M	Weighed	Abroad	(MLM) ACN Europe (UK),.	Towers Bus. Pk.,Wilmslow Rd.,Didsbury,Manchester,United Kingdom		
To Other Countries	15 01 01	No	0.0	paper and cardboard packaging	R3	M	Weighed	Abroad	N.N. VOPC,.	.....,Belgium		
To Other Countries	15 01 01	No	3334.18	paper and cardboard packaging	R3	M	Weighed	Abroad	Peute PapierRecycling,.	Baanhoekweg 4 , 3313 LA Dordrecht,.,Netherlands		
Within the Country	15 01 01	No	68.88	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Rathdrinagh,Beauparc,Co. Meath,.,Ireland		
To Other Countries	15 01 02	No	19.76	plastic packaging	R13	M	Weighed	Abroad	WRC Recycling Ltd,.	Auchans Farm,St Johnstone,Renfrenshire Scotland,PA6 7EE,United Kingdom		
To Other Countries	15 01 02	No	54.0	plastic packaging	R3	M	Weighed	Abroad	Agnail Limited,IRE/AG117/12	Ballymacken Industrial Estate,Ballymacken,Portlaois ,Co. Laois,Ireland		
Within the Country	15 01 02	No	4.9	plastic packaging	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Rathdrinagh,Beauparc,Co. Meath,.,Ireland		
Within the Country	15 01 02	No	276.92	plastic packaging	R13	M	Weighed	Offsite in Ireland	Wheeley Environmental Refuse Services,WFP-G-09-0002-01	Wier Road Business Park,Wier Road,Tuam,Co. Galway,Ireland		
To Other Countries	15 01 02	No	293.06	plastic packaging	R13	M	Weighed	Abroad	JFC Plastics Ltd,.	Runcorn Hardwick Road,Astmoor Industrial Estate,Cheshire,WA7 1PH,United Kingdom		
Within the Country	15 01 02	No	317.98	plastic packaging	R13	M	Weighed	Offsite in Ireland	Leinster Environmental,WP2008/06	Clermont Bus Pk.,Haggardstown,Dundalk Co. Louth,.,Ireland		
Within the Country	15 01 02	No	22.8	plastic packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Ballymount Road,Walkinstown,Dublin,12 ,Ireland		
To Other Countries	15 01 02	No	296.92	plastic packaging	R3	M	Weighed	Abroad	Peute PapierRecycling,.	Baanhoekweg 4 , 3313 LA Dordrecht,.,Netherlands		
Within the Country	15 01 02	No	1146.8	plastic packaging	R13	M	Weighed	Offsite in Ireland	Shabbra,WFP08-0022-01	Killycard Ind Est,Castleblaney,Co. Monaghan,.,Ireland		
Within the Country	15 01 02	No	46.6	plastic packaging	R13	M	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01	ballymacken Ind Est,Portlaoise,Co. Laois,.,Ireland		
Within the Country	15 01 02	No	0.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Wilton Waste,W 06/03	Kiffa,Ballyjamesduff,Co. Cavan,.,Ireland		
Within the Country	15 01 03	No	22.54	wooden packaging	R13	M	Weighed	Offsite in Ireland	Macs Pallets,.	.....,Ireland		
Within the Country	15 01 03	No	144.7	wooden packaging	R13	M	Weighed	Offsite in Ireland	Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01	Sonna,Mullingar,Co Westmeath,.,Ireland		
Within the Country	15 01 03	No	4.38	wooden packaging mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R13	M	Weighed	Offsite in Ireland	Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02	Barnan,Daingean,Tullamore, Offaly,Ireland		
Within the Country	17 09 04	No	49.22	09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Kyetalesha,.,Portlaois,Co. Laois,Ireland		
Within the Country	15 01 04	No	558.2	metallic packaging	R13	M	Weighed	Offsite in Ireland	Hammond Lane,WFP-WM-2011-0002-01	Garrycastle,Athlone,Co. Westmeath,.,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						Non-Non	Non-Haz Waste: Address of Recover/Disposer		Non-Haz Waste: Address of Recover/Disposer				
Within the Country	17 09 04	No	49.7	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	Thorntons Recycling Wood Chipping (PDM) Ltd,WFP-KE-10-0061-01		Oldmilltown ,Kill,Co Kildare,,Ireland		
Within the Country	17 09 04	No	19.54	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02		Kileen Rd.,Ballyfermot,Dublin 10,,Ireland		
Within the Country	17 02 01	No	11.46	wood	R3	M	Weighed	Offsite in Ireland	Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01		Sonna,Mullingar,Co Westmeath,,Ireland		
Within the Country	15 01 04	No	0.0	metallic packaging	R4	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01		Kiffagh,Crosserlough,Ballyja mesduff,Cavan,Ireland		
Within the Country	15 01 07	No	22.51	glass packaging	R13	M	Weighed	Offsite in Ireland	Gannons,,		Unit 4 Osberstown Ind. ....,Ireland		
Within the Country	15 01 07	No	379.0	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco,WFP-KE-08-0357-01		Pk.,Carragh Rd. Naas,Kildare,,Ireland		
Within the Country	16 01 03	No	11.24	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01		Road,Walkinstown,Dublin,12 ,Ireland		
Within the Country	16 01 03	No	1.84	end-of-life tyres mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02		Kyletalesha,,Portlaois,Co. Laois,Ireland		
Within the Country	17 01 07	No	294.92	ceramics other than those mentioned in 17 01 06	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	17 02 01	No	179.6	wood	R13	M	Weighed	Offsite in Ireland	Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02		Barnan,Daingean,Tullamore, Offaly,Ireland		
Within the Country	17 02 01	No	13.56	wood	R13	M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02		Kileen Rd.,Ballyfermot,Dublin 10,,Ireland		
Within the Country	17 02 01	No	56.46	wood mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	Thorntons Recycling Wood Chipping (PDM) Ltd,WFP-KE-10-0061-01		Oldmilltown ,Kill,Co Kildare,,Ireland		
Within the Country	17 09 04	No	22.78	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04		Rathdrinagh,Beauparc,Co. Meath,,Ireland		
Within the Country	17 04 02	No	240.4	aluminium	R4	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01		Kiffagh,Crosserlough,Ballyja mesduff,Cavan,Ireland		
Within the Country	17 04 07	No	289.58	mixed metals	R13	M	Weighed	Offsite in Ireland	Erin Recyclers,,		Deep Water Quay,Finisklin Sligo Harbour,Co. Sligo,WP-SO-08-93,Ireland		
Within the Country	19 12 07	No	6.38	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01		Sonna,Mullingar,Co Westmeath,,Ireland		
Within the Country	17 04 11	No	0.0	10 cables other than those mentioned in 17 04 11	R4	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01		Kiffagh,Crosserlough,Ballyja mesduff,Cavan,Ireland		
Within the Country	17 05 04	No	143.0	soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	17 09 04	No	1120.1	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	M	Weighed	Offsite in Ireland	AES Navan TA Midland Waste Disposal Services Ltd,W0131-02		Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland		
Within the Country	19 12 02	No	15.34	ferrous metal other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 02	R4	M	Weighed	Offsite in Ireland	Hammond Lane,WFP-WM-2011-0002-01		Garrycastle,Athlone,Co. Westmeath,,Ireland		
Within the Country	19 12 12	No	53.9	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	AES Navan TA Midland Waste Disposal Services Ltd,W0131-02		Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland		
Within the Country	19 12 12	No	529.74	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	Drehid CF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer	Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)		
Within the Country	19 12 12	No	3461.74	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02		Kileen Rd.,Ballyfermot,Dublin 10,,Ireland		
Within the Country	19 12 12	No	2938.42	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	PACON Waste & Recycling,WFP-FG-10-0004-01		Unit 4F,Fingal Bay Business park,Balbriggan,Co Dublin,Ireland		
Within the Country	19 12 12	No	26.16	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R1	M	Weighed	Offsite in Ireland	Indaver (ireland) Ltd,W0167-03		Carranstown,Dulleek,Co Meath,,Ireland		
Within the Country	19 12 12	No	2017.82	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04		Rathdrinagh,Beauparc,Co. Meath,,Ireland		
Within the Country	19 12 12	No	2515.96	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Thorntons Recycling Wood Chipping (PDM) Ltd,WFP-KE-10-0061-01		Oldmilltown ,Kill,Co Kildare,,Ireland		
Within the Country	19 12 12	No	23.12	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Enrich (Peter Joseph Barry),WFP-MH-08-0004-01		Larch Hill Stud,Kilcock,,Meath,Ireland	JFC Plastics Ltd,,Weir Rd ,Tuam,Co. Galway,,Ireland	Hardwick Rd.,Astmoor Ind Est ,Runcorn ,Cheshire. WA71PH,United Kingdom
Within the Country	19 12 12	No	13.44	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02		Kyletalesha,,Portlaois,Co. Laois,Ireland		
Within the Country	19 12 07	No	6.78	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01		Sonna,Mullingar,Co Westmeath,,Ireland		
Within the Country	19 12 07	No	12.12	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02		Barnan,Daingean,Tullamore, Offaly,Ireland		
Within the Country	20 01 01	No	49.48	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Agnail Ltd,IREAG 117/12		Ballymacken Industrial Estate,Ballymacken,Portlaois e,Laois,Ireland		
Within the Country	20 01 08	No	8.02	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	20 01 08	No	395.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd,W0195-02		Kilmainhamwood,,Kells,Co Meath,Ireland		
Within the Country	20 02 02	No	36.14	soil and stones	D1	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03		Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	19 12 12	No	195.26	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Enrich (Peter Joseph Barry),WFP-MH-08-0004-01		Larch Hill Stud,Kilcock,,Meath,Ireland		
Within the Country	15 01 02	No	19.59	plastic packaging	R3	M	Weighed	Offsite in Ireland	Marwin Environmental Trading Ltd.,		Rubicon Centre,,CIT Campus Bishopstown,Co. Cork,Ireland		
Within the Country	20 02 01	No	8.48	biodegradable waste	R3	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01		Kilberry ,Athy,Co. Kildare,,Ireland		
To Other Countries	15 01 02	No	5.68	plastic packaging	R13	M	Weighed	Abroad	Re-Gen Waste Ltd,WML 22/25 (LN/13/32)		Shepherds Drive,Carbane Industrial Estate,Newry,Co Down BT35 6JQ,United Kingdom		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used		Haz Waste: Name and Licence/Permit No of Recover/Disposer	Non Haz Waste: Address of Recover/Disposer		
<b>Within the Country</b>	<b>20 03 03</b>	<b>No</b>	179.9	street-cleaning residues	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Hammond Lane,WFP-WM-2011-0002-01	Killinagh Upper,Carbury,Co. Kildare.,Ireland		
Within the Country	20 01 40	No	37.2	metals	R4	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01 Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02	Garrycastle,Athlone,Co. Westmeath.,Ireland		
Within the Country	20 02 01	No	24.5	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Indaver (ireland) Ltd,W0167-03	Kilberry ,Athy,Co. Kildare.,Ireland		
Within the Country	20 03 01	No	237.22	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Navan TA Midland Waste Disposal Services Ltd,W0131-02	Barnan,Daingean,Tullamore, Offaly,Ireland		
Within the Country	20 03 01	No	426.12	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Enrich (Peter Joseph Barry),WFP-MH-08-0004-01	Kildare.,Ireland		
Within the Country	20 03 01	No	2175.14	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 AES Navan TA Midland Waste Disposal Services Ltd,W0131-02	Carranstown,Dulleek,Co Meath.,Ireland		
Within the Country	20 03 01	No	11244.49	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	O'Toole Composting,.	Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland		
Within the Country	20 03 01	No	154.9	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Ballinrane,Carlow,Co. Carlow.,Ireland		
Within the Country	20 03 01	No	3482.92	mixed municipal waste	R13	M	Weighed	Offsite in Ireland		Kyletalesha.,Portlaois,Co. Laois,Ireland		
Within the Country	20 03 07	No	134.2	bulky waste	R13	M	Weighed	Offsite in Ireland		Larch Hill Stud,Kilcock.,Meath,Ireland		
Within the Country	20 03 07	No	1347.2	bulky waste	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 AES Navan TA Midland Waste Disposal Services Ltd,W0131-02	Killinagh Upper,Carbury,Co. Kildare.,Ireland		
Within the Country	20 03 07	No	926.96	bulky waste	R13	M	Weighed	Offsite in Ireland		Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland		

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