


Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	W0104-03
Name of site	AES Tullamore
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 2016. There were no complaints in 2016. Trigger Action Limit exceeded for BOD on 21st March 2016. Trigger Action Limit for Ammonia exceeded on 21st March and 17th June 2016. Communicated to the Agency in INCI011554 and INCI011555. Submission made to the Agency in May 2016 (RI004815) and January 2017 (RI006826) concerning these exceedances.

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.

	<u>11/04/17</u>
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template Lic No: W0104-03 Year 2016

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

No	
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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? [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 therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
D1	Total Particulates	Three times/yr	350 mg/m2/day	100 % of values ≤ ELV	97	mg/m2/day	yes	Gravimetric		
D2	Total Particulates	Three times/yr	350 mg/m2/day	100 % of values ≤ ELV	205	mg/m2/day	yes	Gravimetric		
D3	Total Particulates	Three times/yr	350 mg/m2/day	100 % of values ≤ ELV	145	mg/m2/day	yes	Gravimetric		
D4	Total Particulates	Three times/yr	350 mg/m2/day	100 % of values ≤ ELV	180	mg/m2/day	yes	Gravimetric		

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

AIR-summary template	Lic No: W0104-03	Year	2016
Continuous Monitoring			

4	Does your site carry out continuous air emissions monitoring?	No	
If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)			
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						

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

AIR-summary template		Lic No: W0104-03	Year	2016				
Solvent use and management on site								
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5				SELECT				
Table A4: Solvent Management Plan Summary		Solvent regulations Please refer to linked solvent regulations to complete table 5 and 6						
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 therof	Compliance			
					SELECT			
					SELECT			
Table A5: Solvent Mass Balance summary								
	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
Total								

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0104-03 Year: 2016

		Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	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 ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW-1	onsite	SELECT	BOD	Annual Average	3.72	All values < ELV	11	mg/L	no (if no please enter details in comments box)	Trigger Action Limit exceeded 21/03/16
SW-1	onsite	SELECT	COD	Annual Average	50	All values < ELV	21	mg/L	yes	
SW-1	onsite	SELECT	Suspended Solids	Annual Average	35	All values < ELV	10.25	mg/L	yes	
SW-1	onsite	SELECT	Ammonia (as N)	Annual Average	0.9	All values < ELV	1.25	mg/L	no (if no please enter details in comments box)	Trigger Action Limit exceeded 21/03/16 and 17/06/16
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	7.5575	pH units	yes	
SW-1	onsite	Chlorides (as Cl)	SELECT	Annual Average	50	All values < ELV	29	mg/L	yes	
SW-1	onsite	SELECT	Conductivity	Annual Average	1000	All values < ELV	656.75	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)

3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below	Yes	Trigger Action Limit exceeded for BOD on 21st March 2016. Trigger Action Limit for Ammonia exceeded on 21st March and 17th June 2016. Communicated to the Agency in INCI011554 and INCI011555. Submission made to the Agency in May 2016 (RI004815) and January 2017 (RI006826) concerning these exceedances.
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box External/Internal Lab Quality checklist Assessment of results checklist	Yes	

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												

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

Continuous monitoring

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

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

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

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

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/Pipeline testing template Lic No: W0104-03 Year 2016

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	
Yes	
1	Wheelwash Bund
ALL	
6	Mobile bunds in workshop and waste quarantine area - Tested March 2016 and included in last AER
Yes	
6	Tested 2016 and findings reported
1	Storm Water Interceptors
1	Storm Water Interceptors - Tested March 2017 - Passed
Yes	
Yes	
N/A	

- 1 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)
- 3 How many bunds are on site?
- 4 How many of these bunds have been tested within the required test schedule?
- 5 How many mobile bunds are on site?
- 6 Are the mobile bunds included in the bund test schedule?
- 7 How many of these mobile bunds have been tested within the required test schedule?
- 8 How many sumps on site are included in the integrity test schedule?
- 9 How many of these sumps are integrity tested within the test schedule?
- 10 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?

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)
Wheel Wash Bund	prefabricated		Water	15,150 Litres	N/A - Wheel wash	Hydraulic test		21st & 22nd January 2016	Yes	Pass				
Ad-Blue Storage & Dispensing Tank	prefabricated		Ad-Blue	2,500 Litres	2,500 Litres - Double Skinned Tank	Structural assessment		16th March 2016	Yes	Pass				
Road Diesel Tank	prefabricated		Road Diesel	40,000 Litres	40,000 Litres - Double Skinned Tank	Structural assessment		16th March 2016	Yes	Pass				
White Diesel Tank	prefabricated		White Diesel	2,500 Litres	2,500 Litres - Double Skinned Tank	Structural assessment		16th March 2016	Yes	Pass				
Effluent /Leachate Tank	prefabricated		Effluent/ Shed Leachate	27,000 / 3,000 Litres	30,000 Litres - Double Skinned Tank	Structural assessment		16th March 2016	Yes	Pass				
Road Diesel Dispensary Bund	prefabricated		Road Diesel	225 Litre	Dispensary Bund	Hydraulic test		15th & 16th March 2017	Yes	Pass				
Green Diesel Bund	prefabricated		Green Diesel	2,750 Litres	2,500 Litres	Hydraulic test		15th & 16th March 2017	Yes	Pass				
Ad-Blue Storage Bund	prefabricated		Ad-Blue	2,750 Litres	2,500 Litres	Hydraulic test		15th & 16th March 2017	Yes	Pass				
Oil Interceptors	prefabricated		Storm Water	4 x 20,000 Ltrs	Storm Water / Yard Run off	Hydraulic test		15th March 2017	Yes	Pass		SELECT		

* Capacity required should comply with 25% or 110% 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?
 15 Are channels/transfer systems to remote containment systems tested?
 16 Are channels/transfer systems compliant in both integrity and available volume?

[bunding and storage guidelines](#)

Yes	
Yes	
Yes	

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

Yes	
3 years	SW & Foul Line integrity testing commenced May 2016, repairs carried out November 2016. Further Testing March 2017 - ongoing

- 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)

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

Bund/Pipeline testing template											
Lic No: W0104-03											
Year 2016											
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							
	Storm	pvc	No		CCTV	Yes	Fail	Failure of some sections of the stormwater due to defects.	Repairs carried out October & November 2016 of defects identified in May 2016 - Submitted to Agency as below. Sections still outstanding due to access restrictions. Works on going on storm water lines	April 2017 following installation of additional manhole	
	Foul	pvc	No		CCTV	Yes	Pass				

SW & Foul Line integrity testing commenced May 2016, repairs were carried out in October and November 2016 of the defects identified in May 2016. Summary report and Integrity Testing Reports submitted to the Agency 2nd February 2017 (LR027232). RFI submitted (R1006954) 20th February 2016. Further integrity testing carried out in March 2017 - ongoing at the site due to access restrictions and the requirement to install an additional manhole at the site to facilitate access

Groundwater/Soil monitoring template	Lic No: W0104-03	Year 2016
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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 interpretation as an additional section in this AER Quarterly monitoring was completed at 1 up-gradient well (GW-1A) and 2 down-gradient wells (GW2 & GW3). The following exceedance against the IGVs was noted: Ammonium at GW-2 0.18mg/l in Quarter 4 (7th November 2016) which was above the GTV (0.175mg/l) . RFI on Ammonia levels submitted to the Agency on 10th February 2017 (RI006827) in response to this elevated ammonia reading. Total Coliforms detected in annual event GW-1A 42cfu/100ml, GW-2 50cfu/100ml, GW-3 18cfu/100ml. E-coli was detected in annual event at GW-2 5cfu/100ml.
2	Are you required to carry out soil monitoring as part of your licence requirements?	no	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	yes	
5	Is the contamination related to operations at the facility (either current and/or historic)	no	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	no	
7	Please specify the proposed time frame for the remediation strategy	SELECT	
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT	
9	Has any type of risk assessment been carried out for the site?	SELECT	
10	Has a Conceptual Site Model been developed for the site?	SELECT	
11	Have potential receptors been identified on and off site?	SELECT	
12	Is there evidence that contamination is migrating offsite?	SELECT	

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	7.6	7.3	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	GW1A	Conductivity	APHA 2012 2510B	Quarterly	544	497	µS/cm	800 – 1875	1000	no
Quarterly	GW1A	Ammonia as NH3	APHA 2012 4500-NH3 and bluebook Ammonia	Quarterly	0.48	0.04	mg/l	0.05-0.136		no
Quarterly	GW1A	Ammonium	APHA 2012 4500-NH4 and bluebook Ammonia in waters 1981	Quarterly	0.06	0.10	mg/l	0.065-0.176	0.01	no
Quarterly	GW1A	DRO	Gas Chromatography	Quarterly	0	<0.01	mg/l	0.01	0.01	no
21/06/2015	GW1A	COD	APHA 2012 5220D	Annually	39	39	mg/l			
21/06/2015	GW1A	Nitrate as NO3	APHA 2012 4500-NO3B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no

Groundwater/Soil monitoring template				Lic No:	W0104-03	Year	2016			
21/06/2015	GW1A	Total Nitrogen	APHA 2012 4500-NO ₃ B. Colorimetric Method	Annually	<1.00	<1.00	mg/l			no
21/06/2015	GW1A	TOC	TOC Analyser	Annually	<5	<5	mg/l			no
21/06/2015	GW1A	Chloride	APHA 2012 4500-CL-E	Annually	16	16	mg/l		30	no
21/06/2015	GW1A	Fluoride	APHA 2012 4110B	Annually	0.2	0.2	mg/l		1	no
21/06/2015	GW1A	Sulphate	APHA 2012 4110B	Annually	11	11	mg/l	187.5	200	no
21/06/2015	GW1A	Faecal Coliforms	MTM025	Annually	42	42	MPN / 100 ml	0	0	no
21/06/2015	GW1A	Total Coliforms	MTM025	Annually	0	0	MPN / 100 ml	0	0	no
21/06/2015	GW1A	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	1.4	1.4	ug/l	7.5	10	no
21/06/2015	GW1A	Mercury - dissolved	ICP-MS	Annually	<0.001	<0.001	ug/l	0.01	0.01	no
21/06/2015	GW1A	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<0.001	<0.001	ug/l	-	-	no

.-+ 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
Quarterly	GW2	pH	APHA 2012 4500 H&B	Quarterly	7.7	7.4	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	GW2	Conductivity	APHA 2012 2510B	Quarterly	554	529	µS/cm	800 – 1875	1000	no
Quarterly	GW2	Ammonia as NH ₃	APHA 2012 4500-NH ₃ and bluebook Ammonia in waters 1981	Quarterly	0.14	0.1	mg/l	0.065-0.175		no
Quarterly	GW2	Ammonium	APHA 2012 4500-NH ₄ and bluebook Ammonia in waters 1981	Quarterly	0.18	0.13	mg/l	0.065-0.176	0.01	yes
Quarterly	GW2	DRO	Gas Chromatography	Quarterly	<0.01	<0.01	mg/l	0.01	0.01	no
21/06/2015	GW2	COD	APHA 2012 5220D	Annually	<10	<10	mg/l			no
21/06/2015	GW2	Nitrate as NO ₃	APHA 2012 4500-NO ₃ B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no
21/06/2015	GW2	Total Nitrogen	APHA 2012 4500-NO ₃ B. Colorimetric Method	Annually	<1	<1	mg/l			no
21/06/2015	GW2	TOC	TOC Analyser	Annually	<5	<5	mg/l			no
21/06/2015	GW2	Chloride	APHA 2012 4500-CL-E	Annually	13	13	mg/l		30	no
21/06/2015	GW2	Fluoride	APHA 2012 4110B	Annually	0.21	0.21	mg/l		1	no
21/06/2015	GW2	Sulphate	APHA 2012 4110B	Annually	11	11	mg/l	187.5	200	no
21/06/2015	GW2	Faecal Coliforms	MTM025	Annually	50	50	MPN / 100 ml	0	0	no
21/06/2015	GW2	Total Coliforms	MTM025	Annually	5	5	MPN / 100 ml	0	0	no
21/06/2015	GW2	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	7.69	7.69	ug/l	7.5	10	no

Groundwater/Soil monitoring template				Lic No:	W0104-03	Year	2016			
21/06/2015	GW2	Mercury - dissolved	ICP-MS	Annually	<0.001	<0.001	ug/l	0.01	0.01	no
21/06/2015	GW2	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<0.001	<0.001	ug/l		-	no
Quarterly	GW3	pH	APHA 2012 4500 H&B	Quarterly	7.7	7.4	pH Units	-	≥6.5 and ≤9.5	no
Quarterly	GW3	Conductivity	APHA 2012 2510B	Quarterly	534	499	µS/cm	800 – 1875	1000	no
Quarterly	GW3	Ammonia as NH3	APHA 2012 4500-NH3 and bluebook Ammonia in waters 1981	Annually	0.05	0.0	mg/l	0.065-0.175		no
Quarterly	GW2	Ammonium	APHA 2012 4500-NH4 and bluebook Ammonia in waters 1981	Quarterly	0.06	0.05	mg/l	0.065-0.176	0.01	no
Quarterly	GW3	DRO	Gas Chromatography	Quarterly	<0.01	<0.01	mg/l	0.01	0.01	no
21/06/2015	GW3	COD	APHA 2012 5220D	Annually	<10	<10	mg/l			no
21/06/2015	GW3	Nitrate as NO3	APHA 2012 4500-NO3.B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no
21/06/2015	GW3	Total Nitrogen	APHA 2012 4500-NO3.B. Colorimetric Method	Annually	<1	<1	mg/l			no
21/06/2015	GW3	TOC	TOC Analyser	Annually	<5	<5	mg/l			no
21/06/2015	GW3	Chloride	APHA 2012 4500-CL-E	Annually	13	13	mg/l		30	no
21/06/2015	GW3	Fluoride	APHA 2012 4110B	Annually	0.19	0.19	mg/l		1	no
21/06/2015	GW3	Sulphate	APHA 2012 4110B	Annually	10	10	mg/l	187.5	200	no
21/06/2015	GW3	Faecal Coliforms	MTM025	Annually	18	18	MPN / 100 ml	0	0	no
21/06/2015	GW3	Total Coliforms	MTM025	Annually	0	0	MPN / 100 ml	0	0	no
21/06/2015	GW3	Arsenic - dissolved	ICP-MS Based on EPA Method 200.8	Annually	6.05	6.05	ug/l	7.5	10	no
21/06/2015	GW3	Mercury - dissolved	ICP-MS	Annually	<0.001	<0.001	ug/l	0.01	0.01	no
21/06/2015	GW3	VOC's USEPA 524.2 list	GC-FID, GC-MS Based on USEPA 524.2 method	Annually	<0.001	<0.001	ug/l		-	no
<p>*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. Groundwater monitoring template</p>										
<p>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) Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).</p>										
<p>**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS) Surface water EQS Groundwater regulations GTV's Drinking water (private supply) standards Drinking water (public supply) standards Interim Guideline Values (IGV)</p>										

Groundwater/Soil monitoring template	Lic No:	W0104-03	Year	2016
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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

Environmental Liabilities template	Lic No:	W0104-03	Year	2016
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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 costing table submitted to the Agency in December 2016 in accordance with Licence
3	Amount of Financial Provision cover required as determined by the latest ELRA	To be agreed	
4	Financial Provision for ELRA status	Required but not submitted	
5	Financial Provision for ELRA - amount of cover	To be agreed	
		Other please specify	
6	Financial Provision for ELRA - type		To be determined
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 costing table submitted to the Agency in March 2017. Revised and resubmitted the same month after RFI from the Agency
9	Closure plan review status		Under review
10	Financial Provision for Closure status	Required but not submitted	Costing 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	Not yet determined
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	2016
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	Highlighted cells contain dropdown menu click to view	Additional Information
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	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. 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. 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. 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
Reduction of emissions to Water	Reduce frequency of storm water discharge exceedances	50	Upgrade works on hardstand in 2017	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Reduce the volume of diesel used by AES to 33% by 2020	70	Reroute underway in 2017 to improve efficiencies. SupaTrak fitted in all vehicles to monitor fuel efficiency. Upgrade of the AES Tullamore fleet to include new RCVs to deliver better fuel consumption rates.	Individual	Reduced emissions
Additional improvements	Upgrade of hardstand in 2017	0	Upgrade of hardstand both in the yard and inside the waste sheds as highlighted in the preventative maintenance plan for the site and in line with SEW submitted and approved by the Agency	Section Head	Increased compliance with licence conditions
Additional improvements	Maintenance of Intergrated Management Systems and continued monitoring of Licence compliance as outlined in Licence W0104-03	90	On-going requirement	Individual	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0104-03	Year	2016
Additional improvements	Continual diversion of odourous material from site	80	Diversion of odourous material from site to limit odour nuisance generation	Section Head	Less complaints - No complaints received in to site in 2016		

Noise monitoring summary report

Lic No: W0104-03 Year

2016

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 _{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)?
20th & 21st April 2016	30 Mins	N1		62-64	55-57	63-67	79-84	No	No	Site – Vehicles entering/exiting site (mainly trucks) close to monitoring location (5-10m). Vehicle reversing alarms sounding on occasion and engines left idle at weighbridge. Movement of heavy machinery in front yard, cars entering/exiting carpark, workers shouting, unloading of container adjacent to weighbridge and truck air pressure release from breaks. Background – Continuous passing traffic on Tullamore Bypass (25m) and heavy traffic on the Tullamore Daingean Rd. (15m) - dominant.	Yes
20th & 21st April 2016	30 Mins	N2		63-66	54-58	66-71	80-84	No	No	Site – Vehicles entering/exiting site (mainly trucks) and passing close to monitoring position (15m). Wheel wash in operation during event 3. Vehicle reversing alarms, engines left idle outside reception shed. Activity within main recycling shed (60m) continuous. JCB in operation around the site. Background – Bird singing and Crows overhead, Continuous passing traffic on Tullamore Bypass (100m) and heavy traffic on the Tullamore Daingean Rd. (10m) - dominant.	Yes
20th & 21st April 2016	30 Mins	N3		62-66	50-58	65-69	80-93	No	No	Site – Traffic entering/exiting rear of site (10-50m). Activities within reception shed continuous and dominant. Trommel activity audible. Truck reversing tones, pressure release from breaks and horns sounding on occasion. Continuous forklift movement about site. Wheel wash in operation. Background – Heavy road traffic the Tullamore Bypass (80m) was clearly audible. Dogs barking within nearby pound (30m).	Yes
20th & 21st April 2016	30 Mins	N4		59-63	52-59	61-66	74-83	No	No	Site – Traffic entering/exiting rear of site (15m) LAF _{max} . Trucks idle adjacent to reception shed (15m), associated reversing tones and horns sounding. Activity in reception shed continuous (faint at times). Forklift in operation on occasion. Unloading of containers in yard. Background – Heavy road traffic on the Tullamore Bypass (20m) was clearly audible and dominant. Dog barking within nearby pound (25m).	Yes

20th & 21st April 2016	30 Mins	NSL	NSL	63-67	56-59	67-70	79-85	Yes	No	<p>Site – Heavy machinery faintly audible during periods of low traffic. Background – Traffic on the Tullamore bypass dominant. Occasional passing traffic on the Daingean Rd, traffic in petrol station, engines revving and people talking, car wash in operation and car doors closing. Car wash in progress at the petrol station. Birds singing and crows overhead. Tonal noise was detected during the third round of monitoring; 40.8 dB(A) at 12.5kHz (see Appendix 1) attributed to screeching breaks.</p>	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?

nothing**

** please explain the reason for not taking action/resolution of noise issues? Noise recorded at NSL was attributed to offsite sources with the dominant source being traffic on the Tullamore bypass. Tonal noise was detected during the third round of monitoring at the NSL; 40.8 dB(A) at 12.5kHz which was attributed to screeching breaks.

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0104-03

Year

2016

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

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information

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

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

Additional information

	2008
No	Currently in the process of gaining ISO5001 across all of Bord na Mona
No	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	5751.23	5677.17	-2%	Additional metering drum and infeed conveyor installed during mid 2015 in place for the duration of 2016. Evening shift ran for the duration of 2016 (evening shift was only ran for Quarter 1-3 in 2015)
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	305.43	413.38	35%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	535.56	526.38	-2%	
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								
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)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary	Lic No:	W0104-03	Year	2016
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Resource Usage/Energy efficiency summary	Lic No: W0104-03	Year	2016
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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: W0104-03	Year: 2016
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		PRTR facility logon	dropdown list click to see options

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

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	
No	
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 Please enter an accurate and detailed description - which applies to relevant EWC code 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 -
60000	07 05 14	07- WASTES FROM ORGANIC CHEMICAL PROCESSES	Shredded Blitter packs	20.64	33.65	-39%	Decrease in waste produced	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)		
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	paper and cardboard packaging	4347.862	4818.243	-10%	No significant change from 2015	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	94.62	
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	925.718	865.676	7%	No significant change from 2015	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0.20	
	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	wooden packaging	109.271	125.908	-13%	No significant change from 2015	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	7.00	
	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	metallic packaging	0	0	0%	Waste not collected in 2016	84%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY		Lic No:		W0104-03		Year		2016	
	15-01-05	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	composite packaging	41.815	19.6	113%	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)
	15-01-06	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	mixed packaging	27.501	0	100%	Increased acceptance of this waste stream in 2016	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, 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	end-of-life-tyres	0	0	0%	Not collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17-01-01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	concrete	20.4	46.44	-56%	Less collected during 2016 of this waste stream	0%	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	5.04	123.3	-96%	Less collected during 2016 of this waste stream	0%	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	0.64	7.36	-91%	Less collected during 2016 of this waste stream	0%	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	107.235	223.515	-52%	Less collected during 2016 of this waste stream	0%	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	0	0.54	-100%	waste not collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17-04-02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Aluminium	0	0	0%	waste not collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17-04-07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C & D metals	29.56	95.58	-69%	Diverted direct to end destination in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	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 17-06-03	1.92	33.06	100%	Decrease in this waste stream collected during 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	17-08-02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum-based construction material (non-hazardous)	0	5.02	100%	waste not collected in 2016	0%	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	199.52	217.19	-8%	No significant change from 2015	0%	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)	438.09	423.94	3%	No significant change from 2015	0%	D15-Storage pending any of the operations numbered D1 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	0	0	0%	Waste not collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)

WASTE SUMMARY		Lic No:		W0104-03		Year		2016	
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	1297.216	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0%	
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	8.02	0	100%	Improved waste classification	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
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)	400.68	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, pelleting, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0%	
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	14.66	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, 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	paper and cardboard	19.74	234.01	-92%	Main customer for waste stream no longer coming to site in 2016	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)	45%	
20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	municipal glass	17.4	167.351	100%	Collection of glass now subcontracted	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
20 01 35	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hazardous WEEE (White goods)	0	0	0%	Waste not collected in 2016	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
20 01 36	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Non-hazardous WEEE (White goods)	0	0	0%	Waste not collected in 2016	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Wood (Municipal - separately collected fraction)	25.332	50.67	-50%	Customer who produced most of this waste stream is no longer collected	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	2
20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Plastic (Municipal - Separately collected fraction)	250.101	492.23	-49%	Less collected in 2016	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:		W0104-03		Year		2016		
	20 01 99	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Crockery (other fractions not otherwise specified)	0	1.18	100%	Not collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metals (Municipal - Separately collected fraction)	55.103	204.76	-73%	Waste diverted to end destination	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Garden and Park wastes	28.92	15.88	82%	Less waste required collection in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	4
	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street Cleansing Residues	161.64	153.52	5%	No significant change from 2015	0%	D15-Storage pending any of the operations numbered D1 to D14	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass packaging from Domestic Sources	37.56	93.16	-60%	Less collected in 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	3
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass packaging from Commercial Sources	17.8	122.7	-85%	Collection of commercial glass now subcontracted	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable kitchen and canteen wastes (commercial)	92.66	87.42	6%	No significant change from 2015	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable kitchen and canteen wastes (domestic)	608.7	567.67	7%	No significant change from 2016	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	18
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Commercial)	8973.5985	12627.347	-29%	Reduction in customer acceptance numbers in 2016	15%	D15-Storage pending any of the operations numbered D1 to D14	
	20 01 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Municipal Waste (Domestic)	8043.867	8190.52	-2%	No significant change from 2015	15%	D15-Storage pending any of the operations numbered D1 to D14	100
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Commercial)	150.364	311.04	-52%	Diversion of waste streams to AES Portlaoise	15%	D15-Storage pending any of the operations numbered D1 to D14	
	20 03 07D	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Bulky Waste (Domestic)	730.33	716.86	2%	No significant change from 2015	15%	D15-Storage pending any of the operations numbered D1 to D14	18
	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil & Stones	24.78	15.7	58%	Increased acceptance of this waste stream	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic Bulky Waste	0	1	100%	Waste not collected in 2016	15%	D15-Storage pending any of the operations numbered D1 to D14	
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Mixed Dry Recyclables (Commercial)	1240.624	1433.011	-13%	Better waste segregation at source	65%	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: W0104-03 Year: 2016

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(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	



| PRTR# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104_2016.xls | Return Year : 2016 |

30/03/2017 12:38

[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2016
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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	W0104-03

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
AER Returns Contact Name	Phoebe Dillane
AER Returns Contact Email Address	phoebe.dillane@bnm.ie
AER Returns Contact Position	EHS Compliance Officer
AER Returns Contact Telephone Number	045 439464
AER Returns Contact Mobile Phone Number	087 2794952
AER Returns Contact Fax Number	045 439489
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	67
User Feedback/Comments	
Web Address	

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) ?	Yes
--	-----

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

4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

[PRTR# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104_2016.xls | Return Year : 2016 |

30/03/2017 12:38

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR							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	F (Fugitive) KG/Year	
						0.0	0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

Additional Data Requested from Landfill operators

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

Landfill:	Advanced Environmental Solutions (Ireland) Limited (Tullamore)				
	T (Total) kg/Year	M/C/E	Method Used		Facility Total Capacity m3 per hour
Please enter summary data on the quantities of methane flared and / or utilised			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_2016.xls | Return Year : 2016 |

30/03/2017 12:40

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

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

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

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

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

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

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

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

30/03/2017 12:40

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 Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Method Used Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0104 | Facility Name : Advanced Environmental Solutions (Ireland) Limited (Tullamore) | Filename : W0104_2016.xls | Return Year : 20

30/03/2017 12:41

SECTION A : PRTR POLLUTANTS

RELEASES 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)

RELEASES 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

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of 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	164.86	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		paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Agnail Limited,IRE/AG117/12	Ballymacken Industrial Estate,Ballymacken,Portlaois ,Co. Laois,Ireland		
Within the Country	15 01 01	No		paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Rathdrinagh,Beauparc,Co. Meath, ,Ireland		
To Other Countries	15 01 01	No	17925.81	paper and cardboard packaging	R3	M	Weighed	Abroad	(MLM) ACN Europe (UK),.	Towers Bus. Pk.,Wilmslow Rd.,Didsbury,Manchester,Un ited Kingdom		
To Other Countries	15 01 01	No		paper and cardboard packaging	R3	M	Weighed	Abroad	N.N. VOPC,.,Belgium		
To Other Countries	15 01 01	No	2016.26	paper and cardboard packaging	R3	M	Weighed	Abroad	Peute PapierRecycling,.	Baanhoekweg 4 , 3313 LA Dordrecht,....,Netherlands		
To Other Countries	15 01 02	No		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	8.26	plastic packaging	R3	M	Weighed	Abroad	Agnail Limited,IRE/AG117/12	Ballymacken Industrial Estate,Ballymacken,Portlaois ,Co. Laois,Ireland		
To Other Countries	15 01 02	No		plastic packaging	R13	M	Weighed	Abroad	JFC Plastics Ltd,.	Runcorn Hardwick Road,Astmoor Industrial Estate,Cheshire,WA7 1PH,United Kingdom		
To Other Countries	15 01 02	No		plastic packaging	R3	M	Weighed	Abroad	Peute PapierRecycling,.	Baanhoekweg 4 , 3313 LA Dordrecht,....,Netherlands		
To Other Countries	15 01 02	No		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		
Within the Country	15 01 02	No		plastic packaging	R3	M	Weighed	Offsite in Ireland	The Recycling Co. - Broker,IRE/G385/15	Bray,Bray,Bray,County Wicklow,Ireland		
Within the Country	15 01 02	No		plastic packaging	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Rathdrinagh,Beauparc,Co. Meath, ,Ireland		
Within the Country	15 01 02	No	507.42	plastic packaging	R13	M	Weighed	Offsite in Ireland	Wheley Environmental Refuse Services,WFP-G-09-0002-01	Wier Road Business Park,Wier Road,Tuam,Co. Galway,Ireland		
Within the Country	15 01 02	No	508.01	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		plastic packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Ballymount Road,Walkinstown,Dublin,12 ,Ireland		
Within the Country	15 01 02	No	1327.64	plastic packaging	R13	M	Weighed	Offsite in Ireland	Shabbra,WFP08-0022-01	Killicard Ind Est,Castleblaney,Co. Monaghan, ,Ireland		
Within the Country	15 01 02	No	32.0	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		plastic packaging	R3	M	Weighed	Offsite in Ireland	Wilton Waste,W 06/03	Kiffa,Ballyjamesduff,Co. Cavan, ,Ireland		
Within the Country	15 01 02	No		plastic packaging	R3	M	Weighed	Offsite in Ireland	Marwin Environmental Trading Ltd,.	Rubicon Centre, ,CIT Campus Bishopstown,Co. Cork,Ireland		
Within the Country	15 01 03	No		wooden packaging	R13	M	Weighed	Offsite in Ireland	Macs Pallets,.,Ireland		
Within the Country	15 01 03	No	225.94	wooden packaging	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 03	No		wooden packaging	R13	M	Weighed	Offsite in Ireland	Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02	Barnan,Daingean,Tullamore, Offaly,Ireland		

Within the Country	15 01 03	No	3.2 wooden packaging	R3	M	Weighed	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-03	Cappincur Ind Estate, Daingean Road, Tullamore, Co. Offaly, Ireland
Within the Country	15 01 04	No	169.0 metallic packaging	R4	M	Weighed	Offsite in Ireland	Hammond Lane,WFP-WM-2011-0002-01	Garrycastle,Athlone,Co. Westmeath, Ireland
Within the Country	15 01 04	No	336.22 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	glass packaging	R13	M	Weighed	Offsite in Ireland	Gannons,.,Ireland
Within the Country	15 01 07	No	66.7 glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco,WFP-KE-08-0357-01	Unit 4 Osberstown Ind. Pk., Carragh Rd. Naas, Kildare, Ireland
Within the Country	16 01 03	No	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Ballymount Road,Walkinstown,Dublin, 12 ,Ireland
Within the Country	16 01 03	No	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Kyletalesha,Portlaois,Co. Laois,Ireland
Within the Country	17 01 01	No	17.84 concrete mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Killinagh Upper,Carbury,Co. Kildare, Ireland
Within the Country	17 01 07	No	93.02 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	wood	R3	M	Weighed	Offsite in Ireland	Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01	Sonna,Mullingar,Co Westmeath, Ireland
Within the Country	17 02 01	No	78.76 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	wood	R13	M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02	Kileen Rd.,Ballyfermot,Dublin 10, Ireland
Within the Country	17 02 01	No	41.3 wood	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 04 02	No	243.62 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	mixed metals	R13	M	Weighed	Offsite in Ireland	Erin Recyclers, Hammond Lane,WFP-WM-2011-0002-01	Deep Water Quay,Finisklin Sligo Harbour,Co. Sligo,WFP-SO-08-93,Ireland
Within the Country	17 04 07	No	161.64 mixed metals	R4	M	Weighed	Offsite in Ireland	MSM Recycling ,WFP-TN-11-0003-02	Garrycastle,Athlone,Co. Westmeath, Ireland
Within the Country	17 04 07	No	mixed metals cables other than those mentioned in 17 04	R4	M	Weighed	Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-10-0005-01	Annagh,Birr,Birr,County Offaly,Ireland
Within the Country	17 04 11	No	10 soil and stones other than those mentioned in 17 05 03	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	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Killinagh Upper,Carbury,Co. Kildare, Ireland
Within the Country	17 09 04	No	18.18 09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R5	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Kyletalesha,Portlaois,Co. Laois,Ireland
Within the Country	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	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	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R3	M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02	Kileen Rd.,Ballyfermot,Dublin 10, Ireland
Within the Country	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R3	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Rathdrinagh,Beauparc,Co. Meath, Ireland
Within the Country	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	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	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17	R5	M	Weighed	Offsite in Ireland	AES Lusk TA Greenclean Waste Management Limited,W0222-01	Coldwinters,Blakescross,Lusk,County Dublin,Ireland
Within the Country	19 12 01	No	paper and cardboard	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd,W0263-01	Ballymount Road,Walkinstown,Dublin, 12 ,Ireland
To Other Countries	19 12 01	No	paper and cardboard	R3	M	Weighed	Abroad	(MLM) ACN Europe (UK), Hammond Lane,WFP-WM-2011-0002-01	Towers Bus. Pk., Wilmslow Rd.,Didsbury,Manchester,United Kingdom
Within the Country	19 12 02	No	ferrous metal	R4	M	Weighed	Offsite in Ireland	Wilton Waste,W 06/03	Garrycastle,Athlone,Co. Westmeath, Ireland
Within the Country	19 12 03	No	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	Wilton Waste,W 06/03	Kiffa,Ballyjamesduff,Co. Cavan, Ireland

Within the Country	19 12 04	No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	Wheeley Environmental Refuse Services,WFP-G-09-0002-01	Wier Road Business Park,Wier Road,Tuam,Co. Galway,Ireland
Within the Country	19 12 04	No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01	ballymacken Ind Est,Portlaoise,Co. Laois,,Ireland
Within the Country	19 12 04	No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	Shabbra,WFP08-0022-01	Killycard Ind Est,Castleblaney Co. Monaghan,,Ireland
To Other Countries	19 12 04	No	plastic and rubber	R3	M	Weighed	Abroad	Volker Gruppe Ltd - Broker,IRE/G435/17	Unit 37 ,Innotec Drive,Bangor,BT19 7PD,United Kingdom
Within the Country	19 12 04	No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	Leinster Environmental,WP2008/06	Clermont Bus Pk.,Haggardstown,Dundalk Co. Louth,,Ireland
To Other Countries	19 12 04	No	plastic and rubber	R3	M	Weighed	Abroad	JFC Plastics Ltd., Conroy Waste Recycling Ltd,WFP-MH-2009-0002-01	Runcorn Hardwick Road,Astmoor Industrial Estate,Cheshire,WA7 1PH,United Kingdom
Within the Country	19 12 07	No	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	19 12 07	No	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	Sonna,Mullingar,Co Westmeath,,Ireland
Within the Country	19 12 07	No	wood other than that mentioned in 19 12 06 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland		Barnan,Daingean,Tullamore, Offaly,Ireland
Within the Country	19 12 12	No	208.26 11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	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	158.24 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 CF,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland
Within the Country	19 12 12	No	5756.99 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	4928.03 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	371.48 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	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	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	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	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	19 12 12	No	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	JFC Plastics Ltd.,Weir Rd ,Tuam,Co. Galway,,Ireland
Within the Country	19 12 12	No	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	Kyletalesha,,Portlaois,Co. Laois,Ireland
Within the Country	19 12 12	No	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	Nurendale Ltd TA PANDA Waste Services,W0039-02	Larch Hill Stud,Kilcock,,Meath,Ireland
Within the Country	19 12 12	No	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		Ballymount Cross,Tallaght,Dublin,24,Ireland

Within the Country	20 01 01	No	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Agnail Ltd,IREAG 117/12	Ballymacken Industrial Estate,Ballymacken,Portlaoise,Laois,Ireland	
Within the Country	20 01 08	No	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Padraig Thornton Waste Disposal Ltd,W0195-02	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	20 01 08	No	503.06 biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland		Kilmainhamwood,,Kells,Co Meath,Ireland	
Within the Country	20 01 35	Yes	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23 containing hazardous components	R4	M	Weighed	Offsite in Ireland	KMK Metals Recycling Ltd,W0113-04 Hammond Lane,WFP-WM-2011-0002-01	Cappincur Ind Estate,Daingean Road,Tullamore,Co. Offaly,Ireland	KMK Metals Ltd,W0113-04,Cappincur Ind Estate,Daingean Road,Tullamore,Co. Offaly,Ireland
Within the Country	20 01 40	No	33.1 metals	R4	M	Weighed	Offsite in Ireland		Garrycastle,Athlone,Co. Westmeath,,Ireland	
Within the Country	20 02 01	No	5.92 biodegradable waste	R3	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kilberry ,Athy,Co. Kildare,,Ireland	
Within the Country	20 02 01	No	biodegradable waste	R3	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kilberry ,Athy,Co. Kildare,,Ireland	
Within the Country	20 02 02	No	soil and stones	D1	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Oxigen environmental Ltd (Guessford Ltd),WFP-OY-10-0183-02	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	20 03 01	No	mixed municipal waste	R13	M	Weighed	Offsite in Ireland		Barnan,Daingean,Tullamore, Offaly,Ireland	
Within the Country	20 03 01	No	7757.7 mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Indaver (ireland) Ltd,W0167-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	20 03 01	No	1896.38 mixed municipal waste	R1	M	Weighed	Offsite in Ireland	AES Navan TA Midland Waste Disposal Services Ltd,W0131-02	Carranstown,Dulleek,Co Meath,,Ireland	
Within the Country	20 03 01	No	6328.18 mixed municipal waste	R13	M	Weighed	Offsite in Ireland		Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland	
Within the Country	20 03 01	No	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	O'Toole Composting,.	Ballintrane,Carlow,Co. Carlow,,Ireland	
Within the Country	20 03 01	No	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Kyletalesha,,Portlaois,Co. Laois,Ireland	
Within the Country	20 03 01	No	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Oxigen Environmental Ltd,W0152-03	Robinhood Industrial Estate,Robinhood Road,Ballymount,Dublin 22,Ireland	
Within the Country	20 03 03	No	155.56 street-cleaning residues	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland	
Within the Country	20 03 07	No	bulky waste	R13	M	Weighed	Offsite in Ireland	Enrich (Peter Joseph Barry),WFP-MH-08-0004-01	Larch Hill Stud,Kilcock,,Meath,Ireland	
Within the Country	20 03 07	No	2177.58 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	24.78 bulky waste	R13	M	Weighed	Offsite in Ireland		Proudstown Road,Clonmagadden,Navan, Co Meath,Ireland	
Within the Country	15 01 01	No	1238.9 paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01 Condon Concrete Limited,WFP-OY-15-0198-01	ballymacken Ind Est,Portlaoise,Co. Laois,,Ireland	
Within the Country	15 01 02	No	11.82 plastic packaging	R13	M	Weighed	Offsite in Ireland	Clonmel Waste Disposal Ltd,WFP-TS-11-0001-01	Arden Road,,Tullamore,County Offaly,Ireland	
Within the Country	15 01 03	No	129.16 wooden packaging	R13	M	Weighed	Offsite in Ireland		Lawesstown,,Clonmel ,County Tipperary,Ireland	
Within the Country	15 01 06	No	40.06 mixed packaging	R13	M	Weighed	Offsite in Ireland	Leinster Environmental WP2008/06 Clonmel Waste Disposal Ltd,WFP-TS-11-0001-01	Clermont Bus Pk. Haggardstown,Dundalk Co. Louth,,Ireland	
Within the Country	17 02 01	No	18.64 wood	R13	M	Weighed	Offsite in Ireland		Lawesstown,,Clonmel ,County Tipperary,Ireland	
Within the Country	17 04 02	No	13.54 aluminium soil and stones other than those mentioned	R4	M	Weighed	Offsite in Ireland	Multimetals Recycling Limited,WFP-WW-09-0014-04	Bollanney,The Murrough,Wicklow Town,County Wicklow,Ireland	
Within the Country	17 05 04	No	128.96 in 17 05 03 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 12	No	997.67 11	R13	M	Weighed	Offsite in Ireland	Greyhound Recycling and Recovery Limited,W0205-01 Clonmel Waste Disposal Ltd,WFP-TS-11-0001-01	Crag Avenue,Clondalkin Industrial Estate,Clondalkin,County Dublin,Ireland	
Within the Country	20 01 38	No	10.66 wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland		Lawesstown,,Clonmel ,County Tipperary,Ireland	

Within the Country	20 03 01	No	74.24 mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Limited,W0146-02	Knockarley Landfill,Knockarley,Navan,County Meath,Ireland
Within the Country	20 03 07	No	293.44 bulky waste	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Limited,W0146-02	Knockarley Landfill,Knockarley,Navan,County Meath,Ireland
Within the Country	20 03 07	No	69.62 bulky waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D5	M	Weighed	Offsite in Ireland	Greenstar Holdings Limited,W0165-02	Ballynagran Residual Landfill,Ballynagran ,Coolbeg and Kilcandra,County Wicklow,Ireland
Within the Country	19 12 12	No	1440.92 11	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland

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

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