Facility Information	Summary	
AER Reporting Year	2016	
Licence Register Number	W0104-03	
Name of site		AES Tullamore
Site Location	Сарр	oincur, Tullamore, Co. Offaly
NACE Code		3832
	3rd Schedule Class D	12, D13, D14; 4th Schedule Class R3, R4, R5,
Class/Classes of Activity		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.

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

	AIR-summary template	Lic No:	W0104-03	Year	2016	
	Answer all questions and complete all tables where relevant					
	·			Additional information		
	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current					
1	reporting year and answer further questions. If you do not have licenced emissions and do not complete a					
1	solvent management plan (table A4 and A5) you do not need to complete the tables					
		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				
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				
	note NO2 and doing the basic an monitoring encounse!	163				

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

										Comments -reason for change in % mass load
Emission		Frequency of	ELV in licence or any			Unit of	Compliant with		Annual mass	from previous year if
reference no:	Parameter/ Substance	Monitoring	revision therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
		Three times/yr	350 mg/m2/day							
					97	mg/m2/day	yes	Gravimetric		
D1	Total Particulates			100 % of values ≤ ELV						
		Three times/yr	350 mg/m2/day							
					205	mg/m2/day	yes	Gravimetric		
D2	Total Particulates			100 % of values ≤ ELV						
		Three times/yr	350 mg/m2/day							
					145	mg/m2/day	yes	Gravimetric		
D3	Total Particulates			100 % of values ≤ ELV		. ,	ĺ			
DS	Total Particulates	Three times/yr	350 mg/m2/day	100 % Of Values S ELV						
		Tillee tilles/yi	550 Hig/Hiz/uay							
					180	mg/m2/day		Gravimetric		
					100	mg/mz/udy	yes	Gravinietit		
D4	Total Particulates			100 % of values ≤ ELV						

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

AIR-summ	nary template				Lic No:	W0104-03		Year	2016	
	Continuous	Monitoring								
Does your sit	te carry out continuous air emi	ssions monitoring?			No]	
If yes please		toring data and report s relevant Emission Li		elow in Table A2 and compare it					-	
Did continuo	us monitoring equipment expe	rience downtime? If y	es please record dowr	ntime in table A2 below	SELECT					
Do you have	a proactive service agreement	for each piece of conf	tinuous monitoring eq	uipment?	SELECT					
Did	your site experience any abate	ement system bypasse	es? If yes please detail	them in table A3 below	SELECT					
Table A2:	Summary of average en	nissions -continu	ous monitoring							
Emission reference no	Parameter/ Substance	ELV in licence or	Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
		any revision therof								
				SELECT						
-							1		-	
							1		†	
	SELECT							İ		
	metric flow shall be included as Abatement system bypa			Bypass protocol	•			•	•	
Date*	Duration** (hours)	Location		ason for bypass		Impact magnitud	e	Corrective	e action	1
]
			-							
—		 	 							1

^{*} 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-s	summary	template				Lic No:	W0104-03		Year	2016	
		use and manageme	nt on site								
	Joivent	use and manageme	iii oii site						T		
Do you	u have a tota	Il Emission Limit Value of o	direct and fugitive em	issions on site? if yes p	lease fill out tables A4 and A5						
							1	SELECT			
		ent Management Pl ssion limit value	an Summary	Solvent regulations	Please refer to linked solven complete table 5						
Total	VOC LIIII	ssion milit value									
					T						
Repo	orting year	Total solvent input on site (kg)		Total VOC emissions as %of solvent input		Compliance					
			site (direct and		Total Emission Limit Value						
			fugitive)		(ELV) in licence or any revision therof						
						SELECT					
						SELECT					
Т	Table A5:	Solvent Mass Baland	ce summary							•	
		(I) Inputs (kg)			(O) Ou	utputs (kg)					
	olvent		Organic solvent	Salvanta last in water	Collected waste solvent (kg)	Fugitive Organic	Calvant released	Solvents destroyed	Total amission of		
50	olvent	(I) Inputs (kg)	emission in waste		collected waste solvent (kg)		in other ways e.g.		Solvent to air (kg)		
								Total			

	A E D			TED /MACTEMATED/	CELA/ED)			11/0404.00		W	2011					
	AEK IVIONITOR	ing returns su	mmary template-WA	TER/WASTEWATER(SEWEK)		Lic No:	W0104-03 Additional information		Year	2016					
1	complete table	W2 and W3 bel ave licenced emi	missions direct to surface ow for the current report ssions you <u>only</u> need to c ater analysis and visual	ting year and answer furt complete table W1 and o	her questions. If	Yes		Additional mormation								
2	discharges	or watercourses	ur licence to carry out vis s on or near your site? If v evidence of contaminatio	yes please complete table	e W2 below	Yes										
	Table \	W1 Storm wat	er monitoring							1						
	Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger values in licence or any revision therof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments					
	SW-1	onsite	SELECT	BOD	Annual Average		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	ves						
	SW-1	onsite	SELECT	Suspended Solids	Annual Average	35	All values < ELV	10.25	mg/L	,		1				
	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	Ammonia (as N)	A 1 A	0.01	All values < ELV	<0.01		comments box)						
	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	ves						
,	Note 2 Storm wa	ter trigger values (l.	4				
			l inspections-Please	only enter details wh	ere contamin	ation was obse	rved.									
	Location Reference	Date of inspection		Description of contam	ination		Source of contamination	Corrective acti	on	Comm	nents					
							SELECT					İ				
3			er and /or wastewat licence requirements? If yes section of Table W3 b	s please provide brief detail		r-continuous)	March and 17th June	exceeded for BOD on 21st March 20 2016. Communicated to the Agen (RI004815) and January 2017 (RI00	cy in INCI011554 and	INCI011555. Submiss						
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 a reas require improvement in additional information box Table W3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)															
	Table W3: LIC	Lensea Emissio	uns to water and /or	wastewater (sewer)	-periodic mon	toring (non-co	nundousj									
	Emission reference no:	Emission released to	Parameter/ SubstanceNote	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof ^{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: Volumetr	ric flow shall be inc	luded as a reportable para	meter												

AER Monitor	ing returns su	mmary template-WA	TER/WASTEWATER(S	SEWER)		Lic No:	W0104-03		Year	2016	
Continuous r	nonitoring						Additional Information				
	-						/tddttorid/information		Т		
5 Does your site o	arry out continuou	is emissions to water/sewe	r monitoring?		No						
	mmarise your cont n Limit Value (ELV		elow in Table W4 and com	pare it to its							
Did continuous n	nonitoring equipme	ent experience downtime?	If yes please record downt	ime in table W4					T		
6 below											
					SELECT				†		
7 Do you have a pr	oactive service co	ntract for each piece of cor	ntinuous monitoring equipm	ent on site?	SELECT						
9 Did shatement o	vetom hynnes occu	ur during the reporting year	? If yes please complete tal	ble W5 below					•		
				oic was below	SELECT						
Table W4: Su	ımmary of ave	erage emissions -cont	inuous monitoring								
								% change +/- from			
			ELV or trigger values in					previous reporting		Number of ELV	
	Emission		licence or any revision		Compliance		Annual Emission for current	year		exceedences in	
reference no:		Parameter/ Substance	thereof	Averaging Period			reporting year (kg)		downtime (hours)	reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					
1									1	1	

note 1: Volumetric flow shall be included as a reportable parameter. Table W5: Abatement system bypass reporting table

Table W5:	able w5: Abatement system bypass reporting table												
Date	Duration (hours)	Location	Resultant emissions	Reason for	Corrective	Was a report	When was this report submitted?						
				bypass	action*	submitted to the							
						EPA?							
						SELECT							

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing templ	late				Lic No:	W0104-03		Year	2016	i				1
Bund testing		dropdown menu c	lick to see options				Additional information							
re you required by your licence to u		sting on bunds and containment st	tructures ? if yes please fill ou											
elow, <u>please include all bunds outs</u>				•		Yes								
lease provide integrity testing frequ						3 years		1						
Does the site maintain a register of b and mobile bunds)	bunds, underground p	ipelines (including stormwater and	i foul), Tanks, sumps and cor	tainers? (containers refers	to "Chemstore" type units	Yes								
low many bunds are on site?						1	Wheelwash Bund	1						
How many of these bunds have been	n tested within the rec	uired test schedule?				ALL		-						
							Mobile bunds in workshop and waste							
How many mobile bunds are on site	2					6	quarantine area - Tested March 2016 and included in last AFR							
Are the mobile bunds included in the	e bund test schedule?					Yes		1						
How many of these mobile bunds ha How many sumps on site are include						6	Tested 2016 and findings reported Storm Water Interceptors	-						
							Storm Water Interceptors - Tested March							
low many of these sumps are integr lease list any sump integrity failure	rity tested within the t	est schedule?				1	2017 - Passed	1						
Oo all sumps and chambers have hig	h level liquid alarms?					Yes		1						
f yes to Q11 are these failsafe system s the Fire Water Retention Pond inc	ns included in a maint luded in vour integrity	enance and testing programme? / test programme?				Yes N/A		+						
				_		.,,		1						
Table B1: Si	ummary details of bur	nd /containment structure integrit	/ test											
														Results
									Integrity reports				6.1.1.1.1.1	retest(if
Bund/Containment structure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	current reportir
								21st & 22nd						
Wheel Wash Bund	prefabricated		Water	15,150 Litres	N/A - Wheel wash 2.500 Litres - Double	Hydraulic test		January 2016	Yes	Pass				
					Skinned Tank									
d-Blue Storage & Dispensing Tank	prefabricated		Ad-Blue	2,500 Litres		Structural assessment		16th March 2016	Yes	Pass				
					40,000 Litres - Double Skinned Tank									
Road Diesel Tank	prefabricated		Road Diesel	40,000 Litres		Structural assessment		16th March 2016	Yes	Pass				
					2,500 Litres - Double Skinned Tank									
White Diesel Tank	prefabricated		White Diesel	2,500 Litres		Structural assessment		16th March 2016	Yes	Pass				
					30,000 Litres - Double									
					Skinned Tank									
Effluent /Leachate Tank	prefabricated		Effluent/Shed Leachate	27,000 / 3,000 Litres		Structural assessment		16th March 2016	Voc	Pass				
,	pretubricated		Emocing Siled Ecochote	27,000 / 3,000 Ettes	Dispensary Bund	Structural assessment		100111110111111111111111111111111111111	103	1 033				
								15th & 16th March		_				
Road Diesel Dispensary Bund	prefabricated		Road Diesel	225 Litre	2.500 Litres	Hydraulic test		2017	Yes	Pass				
								15th & 16th March						
Green Diesel Bund	prefabricated		Green Diesel	2,750 Litres	2,500 Litres	Hydraulic test		2017	Yes	Pass				
					2,300 Littes									
								15th & 16th March						
Ad-Blue Storage Bund	prefabricated		Ad-Blue	2,750 Litres		Hydraulic test		2017	Yes	Pass				
	prefabricated		Storm Water	4 x 20,000 Ltrs	Storm Water / Yard Run off	Hydraulic test		15th March 2017	Yes	Pass		SELECT		1
		led in your licence					Commentary	1					•	
Oil Interceptors * Capacity required should comply with 25% or 13	10% containment rule as detai	Lence requirements and are all str	actores tested In line with	bunding and storage guide	elines	Yes]						
Oil Interceptors * Capacity required should comply with 25% or 13 Has integrity testing been carried ou	10% containment rule as detai it in accordance with li					Yes		1						
Dil Interceptors * Capacity required should comply with 25% or 11 Has integrity testing been carried our BS8007/EPA Guidance? Are channels/transfer systems to ren	t in accordance with li note containment syst					Van		1						
Oil Interceptors	t in accordance with li note containment syst					Yes								
Dil Interceptors Capacity required should comply with 25% or 11 as integrify testing been carried ou 358007/EPA Guidance? Are channels/transfer systems to ren Are channels/transfer systems comp	t in accordance with li note containment syst pliant in both integrity					Yes								
Dil Interceptors Capatir regured should comply with 25% or 11 Has integrity testing been carried ou BS8007/EPA Guidance? Are channels/transfer systems to ren Are channels/transfer systems comp	t in accordance with li mote containment syst pliant in both integrity ucture testing	and available volume?				Yes	1	1						
Dil Interceptors Capacity required should comply with 25% or 11 as integrity testing been carried ou S8007/EPA Guidance? Are channels/transfer systems to ren Are channels/transfer systems comp Pipeline/underground strn Are you required by your licence to .	t in accordance with li mote containment syst bliant in both integrity ucture testing undertake integrity tes	and available volume?	e.g. pipelines or sumps etc?	if yes please fill out table 2	below listing all]						
Dil Interceptors Capacity required should comply with 25% or 11 as integrity testing been carried ou S8007/EPA Guidance? Are channels/transfer systems to ren Are channels/transfer systems comp Pipeline/underground strn Are you required by your licence to .	t in accordance with li mote containment syst bliant in both integrity ucture testing undertake integrity tes	and available volume?	≥.g. pipelines or sumps etc ? we not been tested withing:	if yes please fill out table 2 the integrity test period as	below listing all specified	Yes	SW & Foul Line integrity testing							
Dil Interceptors Cipacity required should comply with 25% or 11 as integrity testing been carried ou S8007/EPA Guldance? Are channels/transfer systems to ren Are channels/transfer systems comp Pipeline/underground strn Are you required by your licence to .	t in accordance with li mote containment syst bliant in both integrity ucture testing undertake integrity tes	and available volume?	e.g. pipelines or sumps etc? we not been tested withing	if yes please fill out table 2 the integrity test period as	below listing all specified		commenced May 2016, repairs carried							
Oil Interceptors Capacity regards should comply with 25% at 11 Mass Integrity testing been carried ou BSB007/EPA Guidance? Are channels/transfer systems to remarker channels/transfer systems to remarker channels/transfer systems comp Pipeline/underground str Are you required by your licence to underground structures and pipeline Underground structures and pipeline	ti in accordance with li mote containment syst oliant in both integrity ucture testing undertake integrity ter es on site which failed	and available volume? sting* on underground structures the integrity test and all which ha	ave not been tested withing	the integrity test period as	below listing all specified									
Dil Interceptors **Capatry regardet doubt comply with 25% or 1 **Last integrity testing been carried out 858007/EPA Guidance? **Are channels/transfer systems to ren Are channels/transfer systems comp **Pipeline/underground str Are you required by your licence to underground structures and pipeline	ti in accordance with li mote containment syst oliant in both integrity ucture testing undertake integrity ter es on site which failed	and available volume? sting* on underground structures the integrity test and all which ha	ave not been tested withing	the integrity test period as	below listing all specified	Yes	commenced May 2016, repairs carried out November 2016. Further Testing							

d/Pipeline testing tem	plate				Lic No:	W0104-03		Year	2016		
Structure ID	Type system		Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test				Results of retest(if in current reporting year)
	Storm Foul	pvc	No No	SELECT	CCTV	Yes Yes	Fail Pass	Failure of some sections of the stormwater due to	restrictions. Works on going on storm water	April 2017 following installation of additional manhole	

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 (R0005954) 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
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		in the interpretation box below or if you require additional space
³ Do you extract groundwater for use on site? If yes please specify use in comment section	no		please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such 4 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. Groundwater monitoring template	yes		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
5 Is the contamination related to operations at the facility (either current and/or historic)	no	RFI submitted to the Agency as requested	42cfu/100ml, GW-2 50cfu/100ml, GW-3 18cfu/100ml. E-coli was detected in annual event at GW-2 5cfu/100ml.
6 Have actions been taken to address contamination issues? If yes please summarise remediation			
strategies proposed/undertaken for the site	no	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	рН	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- NH4and 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-NO₂B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no

Groundwat	er/Soil mo	nitoring templa	te		Lic No:	W0104-03		Year	2016	
21/06/2015	GW1A	Total Nitrogen	APHA 2012 4500-NO₂B. 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

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	рН	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 NH3	APHA 2012 4500-NH3 and bluebook Ammonia in waters 1981	Quarterly	0.14	0.1	mg/l	0.065-0.175		no
Quarterly	GW2	Ammonium	APHA 2012 4500- NH4and 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 NO3	APHA 2012 4500-NO ₂ B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no
21/06/2015	GW2	Total Nitrogen	APHA 2012 4500-NO ₂ B. Colorimetric Method	Annually	<1	<1	mg/I			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	Annually	7.60	7.60	ug/l	7.5	10	no

^{.++} maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Groundwat	er/Soil mo	nitoring templa	te		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- NH4and 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-NO ₂ B. Colorimetric Method	Annually	<0.05	<0.05	mg/l	37.5	25	no
21/06/2015	GW3	Total Nitrogen	APHA 2012 4500-NO ₂ 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

*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

Nore 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).

**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 Surface water regulations

Drinking Water Standards (DWS)

EQS

GTV's

Surface water | Consider | Consid

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

Table 3: Soil results

Date of	Sample location	Parameter/		Monitoring	Maximum	Average	
	iocation	rarameter/		Widilitating	IVIAXIIIIUIII	Average	
sampling	reference	Substance	Methodology	frequency	Concentration	Concentration	unit
							SELECT
							SELECT

Where additional detail is required please enter it here in 200 words or less

Environmental Liabilities template W0104-03 2016 Lic No: Year

Click here to access EPA guidance on Environmental <u>Liabilities and Financial provision</u>

			Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	
		Review required and	
2	ELRA review status	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	
6	Financial Provision for ELRA - type	Other please specify	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 Closure plan review 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 Under reivew
9	ciosure pian review status		United Telegram
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 Programm	ne template	Lic No:	W0104-03	Year	2016
	Highlighted cells contain dropdown menu click to view		Additional Information		_	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	Management System inco Health and Safety (OHSAS management systems a operation with the Envi systems co-oridinators. T	fully NSAI accredited Intergrated rporating Environmental (ISO 14001) 18000) and (Quality ISO9002). These are maintained through on-site coironmental Officers and dedicated hey are audited on a bi-annual basis ternally on an annual basis		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes		s maintained on-site and updated on nual review basis.		
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes		epjectives and Targets are set on an an an		
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	· · · · · · · · · · · · · · · · · · ·	e public can request access to such information		

Environmental Management Programm	e (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		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		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		Upgrade of hardstand both in the yard and inside the waste sheds as highlighted in the preventative manintenance 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 Progra	Environmental Management Programme/Continuous Improvement Programme template Lic No: W0104-03												
	Continual diversion of odourous material from site		Diversion of odourous material from site to limit odour nuisance generation		Less complaints - No complaints received in to site in 2016								

1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below Yes

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

Yes

3 Does your site have a noise reduction plan

4 When was the noise reduction plan last updated?

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

No

Enter date

Table N1: Nois	e monitoring su	mmary									
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 <u>site</u> 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 homs 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	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.	Yes
---------------------------	---------	-----	-----	-------	-------	-------	-------	-----	----	---	-----

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

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

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)

SEAI - Large

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

Additional information 2008 Currently in the processs of gaining Industry Energy ISO5001 across all of Network (LIEN) Bord na Mona

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

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

Table R1 Energy usage of	on site			
Energy Use	Previous year	Current year	compared to	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	5751.23	5677.17	-2%	Additional metering
Total Energy Generated (MWHrs)				drum and infeed
Total Renewable Energy Generated (MWH	rs)			conveyor installed
Electricity Consumption (MWHrs)	305.43	413.38	35%	during mid 2015 in
Fossil Fuels Consumption:				place for the
Heavy Fuel Oil (m3)				duration of 2016.
Light Fuel Oil (m3)	535.56	526.38	-2%	Evening shift ran
Natural gas (m3)				for the duration of
Coal/Solid fuel (metric tonnes)				2016 (evening shift
Peat (metric tonnes)				was only ran for
Renewable Biomass				Quarter 1-3 in 2015)
Renewable energy generated on site				

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

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

Table R2 Water usage o				Water Emissions	Water Consumption		
						Volume used i.e not	
			Production +/- %	Energy		discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m ³ yr):	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

Table R3 Waste Stream Si	ımmary				
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary Lic No: W0104-03 Year 2016

Resource	Usage/Energy efficiency summa		Lic No:	W0104-03		Year			
	Table R4: Energy Audit	t finding recommendatio	ns						
	Date of audit		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 powe	r is generated onsite (e.g	g. power generation fac	ilities/food and drin	k industry)please com	plete the following info
	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					

	Complaints and Incidents summary template	Lic	No:	W0104-03	Year	2016	
-	Complaints						
		Ade	ditional inform	ation			
	Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below						

Table 1 Complaints summary							
			Brief description of	Corrective			
			complaint (Free txt <20	action< 20			Further
Date	Category	Other type (please specify)	words)	words	Resolution status	Resolution date	information
·	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
Total complaints open at start of reporting year	0						
Total new complaints received during reporting year	0						
Total complaints closed during reporting year	0						
Balance of complaints end of reporting year	0						

	Incidents								
				Additional inform					
Have any incidents occurred on site in the current reporting year? Pleas	e list all incidents for curren	t reporting year in Table 2							
below			Yes						
*For information on how to report and what constitutes an incident	What is an incident								

Table 2 Incidents summary														
			Incident				Activity in							
			category*please refer to				progress at time			Corrective action<20		Resolution	Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence	guidance	Receptor	Cause of incident	specify)	of incident	Communication	Occurrence	words	Preventative action <20 words	status	date	reoccurence
											It was demonstrated, through the			
										Submission made to				
											sample in Q1 2016, that the			
											elevations recorded over the			
											action limit were not due to			
										(RI006826)	activity from the AES Tullamore			
	Trigger level	Licenced discharge point			Not related to						site and further investigation was			
21/03/2016	reached	(SW1)	1. Minor		site activities		Normal activities	EDA	New	exceedances.		Complete	Q1 2016	Low
21/05/2010	reactieu	(3441)	1. IVIIIIOI	water	site activities		NOTITIAL ACTIVITIES	EFA	ivew	exceedances.	not required.	Complete	Q1 2016	LOW
											landar in the formula of			
											Increase in the frequency of sweeping of the area outside of			
											the main waste shed. Training for			
										January 2017	yard staff to increase awareness			
										(RI006826)	at the site on the importance of			
	Trigger level	Licenced discharge point			Not related to						good housekeeping.			
17/06/2016	reached	(SW1)	1. Minor	Water	site activities		Normal activities	EPA	Recurring	exceedances.		Complete	Q2 2016	Low
												SELECT		SELECT
												SELECT		SELECT
			1						1		1	1		
Total number of incidents current year		2												
Total number of incidents previous year		3												
% reduction/ increase	-339	al												
o reduction, mercase	-55/	~1												

WASTE SUMMARY	Lic No:	W0104-03	Year	2016	
SECTION ADDED ON SITE WASTE TREATMENT AND WASTE TRANSCERS TAR. TO BE COMPLETED BY ALL IRDC AND	D WASTE EACH ITIES	DPTP facility logon	drandown list slick to see entions		

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		
		Additional Information
		momuton
Were any wastes <u>accepted onto</u> 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 1 captured through PRTR reporting)	No	
If yes please enter details in table 1 below		
2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	No	
3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

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

Licenced 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 Bliter packs	20.64	33.6	5 -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 ther R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongs to		
	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	paper and cardbord packaging	4347.862	4818.24	3 -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 amongs to	94.62	
	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	925.718	865.67	5 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 amongs others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repeakaging, severating, bliending or mising 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	125.900	3 -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 toother R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst other, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, 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	C	0%	Waste not collected in 2016		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		

WASTE SUMMARY					Lic No:	W0104-03		Year 2016	
//OTE DOMINI/ART					Lie Ho.	110104 03	T T	2010	
								012 5	
								R12-Exchange of waste for submission to any of	
								the operations numbered R1 to R11 (if there is no	
					I .	1	1	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,	
		15- WASTE PACKAGING; ABSORBENTS, WIPING					Improved	repackaging, seperating, blending or mixing prior to	
		CLOTHS, FILTER MATERIALS AND PROTECTIVE							
		CLOTHS, FILTER WIATERIALS AND PROTECTIVE					classiifcation of	submission to any of the operations numbered R1	
	15 01 05	CLOTHING NOT OTHERWISE SPECIFIED	composite packaaging	41.815	19.6	113%	waste streams	100% to R11)	
								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,	
							Increased	pelletising, drying, shredding, conditioning,	
		45 1114075 04074 0110 4000005170 11101110							
		15- WASTE PACKAGING; ABSORBENTS, WIPING					acceptance of this	repackaging, seperating, blending or mixing prior to	
		CLOTHS, FILTER MATERIALS AND PROTECTIVE					waste stream in	submission to any of the operations numbered R1	
	15 01 06	CLOTHING NOT OTHERWISE SPECIFIED	mixed packaging	27.501		100%	2016	100% to R11)	
								R13-Storage of waste pending any of the	
		16- WASTES NOT OTHERWISE SPECIFIED IN THE				1	1	operations numbered R1 to R12 (excluding	
	16 01 03	LIST	end-of-life-tyres			000	Not collcted in 2016	0% temporary storage)	
	10 01 03	LIJI	con or mercyres		,	071	Troc colleted in 2010	overtemporary storage/	
						1	1		
		47 ACMISTOLISTICAL LAIR DELICATE				1	l		
		17- CONSTRUCTION AND DEMOLITION WASTES				1	Less collected	R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM					during 2016 of this	operations numbered R1 to R12 (excluding	
	17 01 01	CONTAMINATED SITES)	concrete	20.4	46.44	-56%	waste stream	0% temporary storage) 4	
		17- CONSTRUCTION AND DEMOLITION WASTES					Less collected	R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM					during 2016 of this	operations numbered R1 to R12 (excluding	
	17 01 02	CONTAMINATED SITES)	bricks	5.04	123.	960	waste stream	0% temporary storage)	
	17 01 02	CONTAININATED SITES)	mixture of concrete,	3.04	123	-30/1	waste stream	0.6 (emporary storage)	
			bricks, tiles and						
		17- CONSTRUCTION AND DEMOLITION WASTES	ceramics other than				Less collected	R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM	those mentioned in				during 2016 of this	operations numbered R1 to R12 (excluding	
	17 01 07	CONTAMINATED SITES)	170106	0.64	7.36	010	waste stream	0% temporary storage)	
	17 01 07		170100	0.04	7.31	-31/1			
		17- CONSTRUCTION AND DEMOLITION WASTES					Less collected	R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM					during 2016 of this	operations numbered R1 to R12 (excluding	
	17 02 01	CONTAMINATED SITES)	C & D wood	107.235	223.51	-52%	waste stream	0% temporary storage)	
		17- CONSTRUCTION AND DEMOLITION WASTES						R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM					waste not collected	operations numbered R1 to R12 (excluding	
	17 02 02	CONTAMINATED SITES)	C & D glass	0	0.54	-100%	in 2016	0% temporary storage)	
		17- CONSTRUCTION AND DEMOLITION WASTES						R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM					waste not collected	operations numbered R1 to R12 (excluding	
	17 04 02	CONTAMINATED SITES)	Aluminium	0		096	in 2016	0% temporary storage)	
		17- CONSTRUCTION AND DEMOLITION WASTES			ļ	1	Diverted direct to	R13-Storage of waste pending any of the	
					I .	1		N13-3torage or waste perioding any or tile	
		(INCLUDING EXCAVATED SOIL FROM				1	end destination in	operations numbered R1 to R12 (excluding	
	17 04 07	CONTAMINATED SITES)	Mixed C & D metals	29.56	95.58	-69%	2016	0% temporary storage) 2	
			Insulation materials			1	Decrease in this		1
		17- CONSTRUCTION AND DEMOLITION WASTES				1	waste stream	R13-Storage of waste pending any of the	
					I .	1			
		(INCLUDING EXCAVATED SOIL FROM	thosementioned in 17			1	collected during	operations numbered R1 to R12 (excluding	
	17 06 04	CONTAMINATED SITES)	06 01 and 1706 03	1.92	33.0	100%	2016	0% temporary storage)	
		17- CONSTRUCTION AND DEMOLITION WASTES				1		R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM	construction material			1	waste not collected	operations numbered R1 to R12 (excluding	
	17 08 02	CONTAMINATED SITES)	(non-hazardous)	0	5.00	100%	in 2016	0% temporary storage)	
						1	1		
		17- CONSTRUCTION AND DEMOLITION WASTES				1	1	P12 Storage of waste pending any of the	
					I .	1	L	R13-Storage of waste pending any of the	
		(INCLUDING EXCAVATED SOIL FROM				1	No significant	operations numbered R1 to R12 (excluding	
	17 09 04	CONTAMINATED SITES)	Mixed C & D wastes	199.52	217.19	-8%	change from 2015	0% temporary storage)	
		18- WASTES FROM HUMAN OR ANIMAL HEALTH					1		
		CARE AND/OR RELATED RESEARCH (except				1	1		
		kitchen and restaurant wastes not arising from				1	1		
					I .	1	1		
		immediate RESEARCH (except kitchen and				1	1		
		restaurant wastes not arising from immediate	Healthcare Wastes (non-			1	No significant	D15-Storage pending any of the operations	
	18 01 04	health care)	hazardous)	438.09	423.9	3%	changefrom 2015	0% numbered D1 to D14	
		19- WASTES FROM WASTE MANAGEMENT							
		FACILITIES, OFF-SITE WASTE WATER				1	1		
						1	1		
		TREATMENT PLANTS AND THE PREPARATION				1	1		
1									
		OF WATER INTENDED FOR HUMAN						R13-Storage of waste pending any of the	
		CONSUMPTION AND WATER FOR INDUSTRIAL	sludges from treatment				Waste nopt	operations numbered R1 to R12 (excluding	

WASTE SUMMARY					Lic No:	W0104-03		Year 2016	
AJIL JUIVIIVIAKI					LIC 14d.	**0104-03	T T	2010	
		19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER						RIJ-Exchange of waste for submission to any of the operations numbered RI to RIJ (if there is no other R code appropriate, this can include preliminary operations prior to receivery including pre-processing such as amongst others, dismanting, sorting, crushing, compacting,	
		TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL					Improved waste	pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1	
	19 12 01	USE 19- WASTES FROM WASTE MANAGEMENT	paper and cardbord	1297.216	(100%	classification	0% to R11)	
	19 12 07	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	8.00		100%	Improved waste	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding O% temporary storage)	
		19-WASTES FROM WASTE MANAGEMENT FACULITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PERPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL					improved waste	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, peletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1	
	19 12 10	USE	(refuse derived fuel)	400.68	(100%	classification	0% to R11)	
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACULITIES, 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 treatmentof wastes other than those mentionedin 191211	14.60	i () 100%	improved waste classification	R12-Exchange of waste for submission to any of the operations numbered R1 or R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismartling, sorting, runking, compacting, pelletising, drying, shredding, conditioning, repackaging, speerating, blending or mising prior to submission to any of the operations numbered R1 0% to R11	
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATEY 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, peletising, dying, shreeding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 45% to R11)	
	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 O% (temporary storage)	
	20 01 35	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Hazardous WEEE (White	·		09	Waste not collected	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding O% 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)	(0%	Waste not collected in 2016	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding O% temporary storage)	
	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Wood (Municipal - seperately collected fraction)	25.33;	50.63		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 O% temporary storage) 2	
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING	Plastic (Municipal - Seperately collected				Less collected in	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, peletising, dying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1	
	20 01 39	SEPARATELY COLLECTED FRACTIONS	fraction)	250.103	492.23	-49%	2016	0% to R11)	

WASTE SUMMARY					Lic No:	W0104-03		Year	2016	
		20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING	Crockery (other fractions not otherwise				Not collected in		orage of waste pending any of the ons numbered R1 to R12 (excluding	
	20 01 99	SEPARATELY COLLECTED FRACTIONS	specified)	0	1.18	100%	2016		ary storage)	
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Metals (Municipal - Seperately collected fraction)	55.103	204.76		Waste diverted to end destination	R13-Sto	erage of waste pending any of the ons numbered R1 to R12 (excluding	
	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	operatio	orage of waste pending any of the ons numbered R1 to R12 (excluding ary 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		orage pending any of the operations red D1 to D14	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		37.56	93.16	6000	Less collected in		orage of waste pending any of the	2
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED		37.56			Collection of commercial glass now subcontracted	R13-Sto	orage of waste pending any of the ons numbered R1 to R12 (excluding	3
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS		92.66	87.42		No significant change from 2015	R13-Stoi	orage of waste pending any of the ons numbered R1 to R12 (excluding any 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		No significant change from 2016	R13-Sto	orage of waste pending any of the ons numbered R1 to R12 (excluding	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		orage pending any of the operations red 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	D15-Sto 15% number	orage pending any of the operations red 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	D15-Sto 15% number	orage pending any of the operations red D1 to D14	
	20 03 07D	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS 17- CONSTRUCTION AND DEMOLITION WASTES	Bulky Waste (Domestic)	730.33	716.86	2%	No significant change from 2015 Increased	15% number	orage pending any of the operations red D1 to D14 rage of waste pending any of the	18
	17 05 04	(INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil & Stones	24.78	15.7	58%	acceptance of this waste stream		ons numbered R1 to R12 (excluding	
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic Bulky Waste	a	1	100%	Waste not collected in 2016	D15-Sto 15% number	orage pending any of the operations red D1 to D14	
		20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING	Mixed Dry Recyclables				Better waste segregation at	R12-Exc the oper other R. prelimin pre-proc dismant pelletisii repacka	thange of waste for submission to any of rations numbered R1 to R11 (if there is no code appropriate, this can include any operations prior to recovery including cessing such as amongst others, tiling, sorting, crushing, compacting, ing, drying, shredding, conditioning, gipting, seperating, blending or mixing prior to sion to any of the operations numbered R1	
	20 03 01	SEPARATELY COLLECTED FRACTIONS	(Commercial)	1240.624	1433.011	-13%	segregation at source	65% to R11)		

WASTE SUMMARY					Lic No:	W0104-03		Year	2016		
TOTAL SOLUTION					Lie 140.	110104 05		Teur	1010		
			Mixed Dry Recyclables				Better waste segregation at		R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this cain include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1.		
	20 03 01	SEPARATELY COLLECTED FRACTIONS	(Domestic)	30027.638	26416.786	14%	source	655	6 to R11)	663.99	
	16 01 20	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Windscreen Glass	7.3	0		New Waste Stream in 2016	05	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding 6 temporary storage)	3	
	16 02 14	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Discarded Electrical Equipment	2.76	0		New Waste Stream in 2016	05	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	19 12 05	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN	Glass	60	0		New Waste Stream and customer in 2016	01	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
	19 12 03	OF WATER INTERDED FOR HOWAIN	Glass	58518.8055	58941.837	-1%		0,	e temporary storage)		

4 Is all waste processing infrastructure as re			

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

6 Does your facility have relevant nuisance controls in place?
7 Do you have an odour management system in place for your facility? If no why?
8 Do you maintain a sludge register on site?

Table 2 Waste type and tonnage-landfill only

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

Yes	
Yes	
Yes	
Yes Yes Yes	
Yes	

Table 3 General inf	formation-Landfill only										
Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Is there a separate cell for asbestos?		Lined disposal area occupied by waste	Unlined area	Comments on liner type
								SELECT UNIT	SELECT UNIT	SELECT UNIT	

WASTE SUMMAR	RY				Lic No:	W0104-03		Year		2016	
	nental monitoring-landfill only	Landfill Manual-Monitoring Standards			•						
Vas meterological nonitoring in ompliance with andfill Directive (LD) tandard in reporting ear +	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		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 Landf	Ifill Manual linked above for relevant Landf	ill Directive monitoring standards	1						J.		
Table 5 Capping-Landfill only											
Area uncapped*	Area with temporary cap			Area with waste that should be permanently							
SELECT UNIT	SELECT UNIT	Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments					
			· · · · · · · · · · · · · · · · · · ·				-				
able 6 Leachate-	-Landfill only		1	1	<u> </u>		_				
able 6 Leachate- leachate from your s						SELECT SELECT					
	-Landfill only site treated in a Waste Water Treatment P o surface water? If yes please complete lea		Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site		t Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in	-Landfill only site treated in a Waste Water Treatment P o surface water? If yes please complete lea	achate mass load information below			Leachate treatment on-site	SELECT Specify type of	t Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in	-Landfill only site treated in a Waste Water Treatment P surface water? If yes please complete les Leachate (BOD) mass load (kg/annum)	chate mass load information below Leachate (COD) mass load (kg/annum)	load (kg/annum)	mass load kg/annum		SELECT Specify type of	t Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in reporting year(m3)	-Landfill only site treated in a Waste Water Treatment P surface water? If yes please complete les Leachate (BOD) mass load (kg/annum) Please ensure that all informs	achate mass load information below	load (kg/annum)	mass load kg/annum		SELECT Specify type of	t Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in	-Landfill only site treated in a Waste Water Treatment P surface water? If yes please complete les Leachate (BOD) mass load (kg/annum) Please ensure that all informs	chate mass load information below Leachate (COD) mass load (kg/annum)	load (kg/annum)	mass load kg/annum		SELECT Specify type of	t Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in reporting year(m3)	-Landfill only site treated in a Waste Water Treatment P surface water? If yes please complete les Leachate (BOD) mass load (kg/annum) Please ensure that all informs	chate mass load information below Leachate (COD) mass load (kg/annum)	load (kg/annum)	mass load kg/annum		SELECT Specify type of	t Comments				
Table 6 Leachate- sleachate from your s sleachate released to Volume of leachate in reporting year(m3) Table 7 Landfill G:	-Landfill only its treated in a Waste Water Treatment P surface water? if yes please complete lea Leachate (BOD) mass load (kg/annum) Please ensure that all informa as-Landfill only	chate mass load information below Leachate (COD) mass load (kg/annum)	load (kg/annum) It with the Landfill Gas Sul Was surface emissions monitoring performed	mass load kg/annum		SELECT Specify type of	Comments				
Table 6 Leachate- s leachate from your s s leachate released to Volume of leachate in reporting year(m3)	-Landfill only its treated in a Waste Water Treatment P surface water? if yes please complete lea Leachate (BOD) mass load (kg/annum) Please ensure that all informa as-Landfill only	chate mass load information below Leachate (COD) mass load (kg/annum)	load (kg/annum) It with the Landfill Gas Sur Was surface emissions	mass load kg/annum		SELECT Specify type of	Comments				



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

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Guidance to completing the PRTR workbook

Environmental Protection Agency	PRTR Returns Workbook
	Version 1.1.19
REFERENCE YEAR	2016
1. FACILITY IDENTIFICATION	
	Advanced Environmental Solutions (Ireland) Limited
	Advanced Environmental Solutions (Ireland) Limited (Tullamore)
PRTR Identification Number	
Licence Number	
Classes of Activity	
No.	class_name
-	Refer to PRTR class activities below
	[- · · · · · · · · - · · · · · · · · · ·
	Cappincur Industrial Estate
	Cappincur
Address 3 Address 4	Tullamore
Address 4	
	Offaly
Country	·
Coordinates of Location	
River Basin District	
NACE Code	
	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	
AER Returns Contact Position	EHS Compliance Officer
AER Returns Contact Telephone Number	045 439464
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	
Number of Operating Hours in Year	
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 20	. '
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	
is the reduction scheme compliance route being used ?	
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

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

	RELEASES TO AIR		Please enter all quantities in this section in KGs							
POLLUTANT			METH	OD		QUANTITY				
			Met	thod Used						
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	

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

Link to previous years emissions data

SECTION B : REMAINING PRTR POLLUTANTS

	RELEASES TO AIR				Please enter all quantities	in this section in KG	S		
PO	LUTANT	METHOD			QUANTITY				
				Method Used					
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	
					0.1	1	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						
POI	LLUTANT		N	IETHOD			QUANTITY	
				Method Used				
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

* 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:

	Advanced Environmental Solutions (Ireland) Limite	:d
16:11	CT Records	

ı	Landfill:	(Tullamore)				_	
	Please enter summary data on the quantities of methane flared and / or utilised			Meth	nod Used		
					Designation or	Facility Total Capacity m3	
		T (Total) kg/Year	M/C/E	Method Code	Description	per hour	
	Total estimated methane generation (as per						
	site model)	0.0				N/A	
	Methane flared						(Total Flaring Capacity)
	Methane utilised in engine/s					0.0	(Total Utilising Capacity)
1	Net methane emission (as reported in Section A						
	above)	0.0				N/A	

SECTION A: SECTOR SPECIFIC PRTR POL	LUTANTS	Data on a	nbient monitoring	of storm/surface water or groundy	water, conducted as part of y	your	licence requirements, s	hould NOT be submitted und	er AER / PRTR Reporting as	s this only concerns Releases from your
	RELEASES TO WATERS				Please enter all quantities in this section in KGs					
POI	LUTANT							QUANTITY		
				Method Used						
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	Ī

* 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						
POI	LLUTANT						QUANTITY	
				Method Used				
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

* 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						
	POI	LLUTANT						QUANTITY	
ı					Method Used				
	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

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 TRAN	ISFER OF POLLUTANTS DESTINED FOR WASTE-W	Please enter all quantities in this section in KGs						
PO	LLUTANT		METHO	D			QUANTITY	
			Method Used					
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

^{*} 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)

	TE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-W	Please enter all quantities in this section in KGs								
	POLLUTANT		METHO	D	QUANTITY					
			Met	thod Used						
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

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				METHO	D			QUANTITY	
				Met	nod Used				
No. Annex II	N	lame	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Yea	
						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)

SECTION B. REMAINING I SECTIANT EMIS	ON B. REMAINING FOLLO FAIT EMISSION (las required in your Elicence)											
	RELEASES TO LAND				Please enter all quantities in this section in KGs							
POLLUTANT			METHO	D D			QUANTITY					
			Method Used									
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

Testiment Destination				Quantity (Tonnes per Year)		Waste		Method Used		Haz Waste: Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
Marie the Country 10 0 1 0 1	Transfer Destination		Hazardous		Description of Waste	Treatment	M/C/E	Method Used					
Wilst No Country 150 10 No paper and certificate packaging R13 M Weighted Offsite in Healand Lineals, REACA 117/2 Co. Loss in Releand Calculation	Within the Country	15 01 01	No	164.86	paper and cardboard packaging	R13	М	Weighed	Offsite in Ireland	Ltd,W0263-01	Road, Walkinstown, Dublin, 12 , Ireland Ballymacken Industrial		
Math	Within the Country	15 01 01	No		paper and cardboard packaging	R13	М	Weighed	Offsite in Ireland		,Co. Laois,Ireland		
To Other Countries 10 10 1 No 17925.81 papers and cardboard posk-garging F3 M Weighted Abroad N.N. VOCC Countries 10 10 1 No 2016.26 paper and cardboard packaging F3 M Weighted Abroad N.N. VOCC Countries 10 10 1 No 2016.26 paper and cardboard packaging F3 M Weighted Abroad Paule Papier Recycling Line Paper Rec	Within the Country	15 01 01	No		paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Meath,,,Ireland Towers Bus. Pk.,Wilmslow		
To Other Countries 15 01 01 No 2016.26 paper and cardboard packaging R3 M Weighed Abroad Pedde PaperRecycling. Live Scientific Paper Recycling Live Scientific	To Other Countries	15 01 01	No	17925.81	paper and cardboard packaging	R3	M	Weighed	Abroad	(MLM) ACN Europe (UK),.			
To Other Countries 15 01 01 No Palastic packaging R13 M Weighed Abroad Pente PapterRecycling. Mortanes Farm. Scheller Medical Paper Recording Life. Medical	To Other Countries	15 01 01	No		paper and cardboard packaging	R3	M	Weighed	Abroad	N.N. VOPC,.			
To Other Countries 15 01 02 No plastic packaging R13 M Weighed Abroad WRC Recycling LL. Singdom Ballymacken inclustrial Ballymacken inclusion Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclustrial Ballymacken inclusion Ballymacken inclus	To Other Countries	15 01 01	No	2016.26	paper and cardboard packaging	R3	М	Weighed	Abroad	Peute PapierRecycling,.	Dordrecht,,Netherlands Auchans Farm,St Johnstone,Renfrenshire		
To Other Countries 15 01 02 No plastic packaging R3 M Weighed Abroad Limited, REARIANTON Hardwick Road Abroad Roncom Hardwick Read Abstract influsional Read Abstract influsional Read Abstract influsional Read Abstract influsional Read Abstract influsional Read Abstract influsional Read Abstract influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Abstract Influsional Read Read Abstract Influsional Read Read Read Read Read Read Read Read	To Other Countries	15 01 02	No		plastic packaging	R13	М	Weighed	Abroad	WRC Recycling Ltd,.	Kingdom		
To Other Countries 15 01 02 No plastic packaging R13 M Weighed Abroad JFC Plastics L.I.d., Banhoekways 4, 313 L.A Dordrecht L., white-failed Banho	To Other Countries	15 01 02	No	8.26	plastic packaging	R3	М	Weighed	Abroad		,Co. Laois,Ireland Runcorn Hardwick		
To Other Countries 15 01 02 No plastic packaging R13 M Weighed Abroad Peutle PapierRecycling. Ran-Gen Wasta Ltd WIAL Recycling Co. The Recycling Co. The Recycling Co. Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Brown Meath, Ireland Waste, Working Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Brown Meath, Ireland Meath, Ireland Brown Meath, Ireland Meath, Ire	To Other Countries	15.01.02	No		plastic packaging	R13	М	Weighed	Ahroad	IFC Plastics I td			
Shepherds Drive Carbane industrial Estates New Co Common Shepherds Drive Carbane industrial Estates New Co Common State (Lift/WILL Common State (Lift) (Lift/WILL Common State (Lift) (Li								-			Baanhoekweg 4, 3313 LA		
To Other Countries 15 01 02 No plastic packaging R13 M Weighed Process	To Other Countries	15 01 02	No		plastic packaging	R3	М	Weighed	Abroad		Shepherds Drive, Carbane Industrial Estate, Newry, Co		
Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Robust (Fractional Registro) R15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Refuse Services, WFP-C-9-96 Park, Wier Road Business (Fractional Refuse Services, WFP-C-9-96 Park, Wier Road Susiness (Fractional Refuse Refuse Services, WFP-C-9-96 Park, Wier Road Susiness (Fractional Refuse Refuse Services, WFP-C-9-96 Park, Wier Road Susiness (Fractional Refuse	To Other Countries	15 01 02	No		plastic packaging	R13	М	Weighed	Abroad	22/25 (LN/13/32)	Kingdom		
Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Refuse Services,WFP-G-09 Park,Wier Road, Tuam Co. Galway, Ireland Wier Road Business Refuse Services,WFP-G-09 Park,Wier Road, Tuam Co. Galway, Ireland Olog-2-01 Clement Business Refuse Services,WFP-G-09 Park, Wier Road, Tuam Co. Galway, Ireland Clement Business Refuse Services,WFP-G-09 Park, Wier Road, Tuam Co. Galway, Ireland Clement Business Refuse Services, WFP-G-09 Park, Wier Road, Tuam Co. Galway, Ireland Clement Business Refuse Services, WFP-G-09 Park, Wier Road, Tuam Co. Galway, Ireland Clement Business Refuse Services, WFP-G-09 Park, Wier Road, Tuam Co. Galway, Ireland Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services, WFP-G-09 Park, Bagardstown, Durdalk Clement Business Refuse Services Refuse Refuse Ref	Within the Country	15 01 02	No		plastic packaging	R3	M	Weighed	Offsite in Ireland		Wicklow, Ireland		
Within the Country 15 01 02 No 508.01 plastic packaging R13 M Weighed Offsite in Ireland Country I5 01 02 No 508.01 plastic packaging R13 M Weighed Offsite in Ireland Rillycard In Ireland RILlycard RILlycard In Ireland RILlycard RILlycard RILlycard RILlycard In Ireland RILlycard RILlyca	Within the Country	15 01 02	No		plastic packaging	R13	M	Weighed	Offsite in Ireland	Wheeley Environmental	Meath,,,Ireland Wier Road Business		
Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Irish Packaging Recycling R24, Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Ltd, W0263-01 Ltd, W0263-01 Killycard Ind Est, Castleblaney, Co. Within the Country 15 01 02 No 1327.64 plastic packaging R13 M Weighed Offsite in Ireland R25, Castleblaney, Co. Within the Country 15 01 02 No 32.0 plastic packaging R13 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No Wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No Wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No Wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No Wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Co. Within the Country 15 01 03 No Wooden packaging R3 M Weighed Offsite in Ireland R25, Portlandsis, Portland is, Portlandsis, Portlandsis, Portlandsis, Portlandsis, Portlandsis, Portlandsis, Portlandsis, Port	Within the Country	15 01 02	No	507.42	plastic packaging	R13	M	Weighed	Offsite in Ireland	0002-01	Galway,Ireland Clermont Bus		
Within the Country 15 01 02 No plastic packaging Radian Plastic Plastic	Within the Country	15 01 02	No	508.01	plastic packaging	R13	M	Weighed	Offsite in Ireland		Co. Louth,.,Ireland		
Within the Country 15 01 02 No 1327.64 plastic packaging R13 M Weighed Offsite in Ireland Shabbra,WFP08-0022-01 blasty can be set, Portlacise, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland ROC,WFPLS-11-01-01 Laois,Ireland Kiffa, Ballyjamesduff, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Wilton Waste, W 06/03 Cayan,Ireland Rubicon Centre,(IT Cayan,, Ireland Rubicon Centre,, IT Cayan,, Ireland Rubicon Centre,(IT Cayan,, Ireland Rubicon Centre,, IT Cayan,, Ireland Rubicon Centre,, IT Cayan,, Ireland Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Weighed Offsite in Ireland Macs Pallets,,,,,,,, .	Within the Country	15 01 02	No		plastic packaging	R13	М	Weighed	Offsite in Ireland		Road, Walkinstown, Dublin, 12 , Ireland Killycard Ind		
Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Weighed Offsite in Ireland Roc, WFP-LS-11-001-01 Laois,Ireland Kiffa,Ballyjamesduff,Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Within the Country 15 01 02 No plastic packaging R13 M Weighed Offsite in Ireland Weighed Offsite in Ireland Macs Pallets, Cork, Ireland Convolved Waste Recycling Corne Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Offsite in Ireland Corner Weighed Offsite in Ireland Corner Weighed Offsite in Ireland Corner Weighed Offsite in Ireland Corner Weighed Offsite in Ireland Corner Waste Recycling Corner Waste Recycling Corner Waste Recycling Corner Waste Recycling Corner Waste Recycling Corner Waste Recycling Corner Waste Recycling Corner Weighed Corner Waste Recycling Corner Waste Re	Within the Country	15 01 02	No	1327.64	plastic packaging	R13	М	Weighed	Offsite in Ireland	Shabbra,WFP08-0022-01	Monaghan,,,Ireland ballymacken Ind		
Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Wilton Waste, W 06/03 Cavan,,, ireland Rubicon Centre,,CIT Rubicon Centre, CIT Grapus Bishopstown, Co. Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Within the Country 15 01 03 No wooden packaging R13 M Weighed Offsite in Ireland Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Offsite in Ireland Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Offsite in Ireland Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Corry Waste Recycling Consult Millingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Corry Waste Novel Racycling Corry Waste Recycling Co	Within the Country	15 01 02	No	32.0	plastic packaging	R13	М	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01	Laois,.,Ireland		
Within the Country 15 01 02 No plastic packaging R3 M Weighed Offsite in Ireland Trading Ltd, Cork, Ireland Macs Pallets, Conrow Waste Recycling Conrow Waste Recycling Offsite in Ireland Ltd, WFP-MH-2009-0002-01 Westmeath, Ireland Coxigen environmental Ltd (Guessford Ltd), WFP-OY-10- Barnan, Daingean, Tullamore,	Within the Country	15 01 02	No		plastic packaging	R3	М	Weighed	Offsite in Ireland		Cavan,.,Ireland Rubicon Centre,.,CIT		
Conroy Waste Recycling Sonna, Mullingar, Co Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Offsite in Ireland Ltd, WFP-MH-2009-0002-01 Westmeath, "Ireland Oxigen environmental Ltd (Guessford Ltd.) WFP-OY-10- Barnan, Daingean, Tullamore,	Within the Country	15 01 02	No		plastic packaging			Weighed		Trading Ltd,.			
Within the Country 15 01 03 No 225.94 wooden packaging R3 M Weighed Offsite in Ireland Ltd, WFP-MH-2009-0002-01 Westmeath,, Freland Oxigen environmental Ltd (Guessford Ltd), WFP-OY-10- Barnan, Daingean, Tullamore,	Within the Country	15 01 03	No		wooden packaging	R13	M	Weighed	Offsite in Ireland				
	Within the Country	15 01 03	No	225.94	wooden packaging	R3	М	Weighed	Offsite in Ireland	Ltd,WFP-MH-2009-0002-01 Oxigen environmental Ltd	Westmeath,.,Ireland		
· · · · · · · · · · · · · · · · · · ·	Within the Country	15 01 03	No		wooden packaging	R13	М	Weighed	Offsite in Ireland		Offaly,Ireland		

									Cappincur Ind Estate, Daingean
								KMK Metals Recycling	Road,Tullamore,Co.
Within the Country	15 01 03	No	3.2 wooden packaging	R3	М	Weighed	Offsite in Ireland		Offaly,Ireland
Within the Country	15 01 04	No	169.0 metallic packaging	R4	М	Weighed	Offsite in Ireland		Garrycastle,Athlone,Co. Westmeath,.,Ireland
						-		Wilton Waste Recycling	Kiffagh,Crosserlough,Ballyja
Within the Country Within the Country		No No	336.22 metallic packaging glass packaging	R4 R13	M M	Weighed Weighed	Offsite in Ireland Offsite in Ireland		mesduff,Cavan,Ireland .,,,,,,Ireland
within the Country	13 01 07	140	giass packaging	ICIO	IVI	Weighed	Offsite III freiand		Unit 4 Osberstown Ind.
Within the Country	15 01 07	No	66.7 glass packaging	R5	М	Weighed	Offsite in Ireland	Rehab Glassco, WFP-KE-08-	Pk.,Carragh Rd. Naas,Kildare,Ireland
within the Country	15 01 07	NO	66.7 glass packaging	No	IVI	weigned	Offsite III freiafid		Ballymount
									Road, Walkinstown, Dublin, 12
Within the Country	16 01 03	No	end-of-life tyres	R13	М	Weighed	Offsite in Ireland	Ltd,W0263-01	,Ireland Kyletalesha,Portlaois,Co.
Within the Country	16 01 03	No	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Laois,Ireland
Within the Country	17.01.01	No	17.84 concrete	R5	М	Weighed	Offsite in Iroland	Drehid WMF.W0201-03	Killinagh Upper,Carbury,Co. Kildare,.,Ireland
within the Country	17 01 01	140	mixture of concrete, bricks, tiles and	110	IVI	Weighed	Offsite III freiand	Dienia wwi ,wozo 1-05	Midale,.,ii eland
			ceramics other than those mentioned in 17						Killinagh Upper,Carbury,Co.
Within the Country	17 01 07	No	93.02 01 06	R5	М	Weighed	Offsite in Ireland		Kildare,.,Ireland Sonna,Mullingar,Co
Within the Country	17 02 01	No	wood	R3	M	Weighed	Offsite in Ireland		Westmeath,,,Ireland
								Oxigen environmental Ltd	D D T. II
Within the Country	17 02 01	No	78.76 wood	R13	М	Weighed	Offsite in Ireland		Barnan,Daingean,Tullamore, Offaly,Ireland
Triami alo ocuraly	02 01		70.70 4000	1110		TT originate	Onone in inclaire		Kileen
Within the Country	47.00.04	N-		R13	M	10/-:	Official in Incland	Thorntons Waste ,W0044-02	Rd.,Ballyfermot,Dublin
within the Country	17 02 01	No	wood	KIS	IVI	Weighed	Offsite in freiand	Thorntons Waste ,W0044-02 Thorntons Recycling Wood	io,.,ireiand
								Chipping (PDM) Ltd,WFP-	Oldmilltown ,Kill,Co
Within the Country	17 02 01	No	41.3 wood	R3	М	Weighed	Offsite in Ireland		Kildare,.,Ireland Kiffagh,Crosserlough,Ballyja
Within the Country	17 04 02	No	243.62 aluminium	R4	M	Weighed	Offsite in Ireland		mesduff,Cavan,Ireland
									Deep Water Quay, Finisklin
Within the Country	17 04 07	No	mixed metals	R13	М	Weighed	Offsite in Ireland		Sligo Harbour, Co. Sligo, WP- SO-08-93, Ireland
· ·						-		Hammond Lane,WFP-WM-	Garrycastle, Athlone, Co.
Within the Country	17 04 07	No	161.64 mixed metals	R4	М	Weighed	Offsite in Ireland		Westmeath,,,Ireland -Annagh,Birr,Birr,County
Within the Country	17 04 07	No	mixed metals	R4	M	Weighed	Offsite in Ireland		Offaly,Ireland
MC11-11-10-11-1	47.04.44	No.	cables other than those mentioned in 17 04	D4		147-1-1	00000		Kiffagh,Crosserlough,Ballyja
Within the Country	17 04 11	No	10 soil and stones other than those mentioned	R4	М	Weighed	Offsite in Ireland	Ltd,WFP-CN-10-0005-01	mesduff,Cavan,Ireland Killinagh Upper,Carbury,Co.
Within the Country	17 05 04	No	in 17 05 03	R5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Kildare,.,Ireland
			mixed construction and demolition wastes other than those mentioned in 17 09 01, 17						Kyletalesha,.,Portlaois,Co.
Within the Country	17 09 04	No	18.18 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Laois,Ireland
•			mixed construction and demolition wastes			_		Thorntons Recycling Wood	
Within the Country	17 09 04	No	other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	М	Weighed	Offsite in Ireland		Oldmilltown ,Kill,Co Kildare,,Ireland
Triami alo ocuraly			mixed construction and demolition wastes			TT originate	Onone in inclaire		Kileen
Within the Country	17.00.04	N-	other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R3	М	Weighed	Official in Incland	Thorntons Waste ,W0044-02	Rd.,Ballyfermot,Dublin
within the Country	17 09 04	No	mixed construction and demolition wastes	K3	IVI	weigned	Offsite in freiand	momitons waste ,wuu44-u2	io,.,ireiand
			other than those mentioned in 17 09 01, 17						Rathdrinagh,Beauparc,Co.
Within the Country	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes	R3	М	Weighed	Offsite in Ireland		Meath,,,Ireland Proudstown
			other than those mentioned in 17 09 01, 17					Waste Disposal Services	Road,Clonmagadden,Navan,
Within the Country	17 09 04	No	09 02 and 17 09 03 mixed construction and demolition wastes	R3	M	Weighed	Offsite in Ireland	Ltd,W0131-02 AES Lusk TA Greenclean	Co Meath,Ireland
			other than those mentioned in 17 09 01, 17						Coldwinters,Blakescross,Lus
Within the Country	17 09 04	No	09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	Limited,W0222-01	k,County Dublin,Ireland
								Irish Packaging Recycling	Ballymount Road,Walkinstown,Dublin,12
Within the Country	19 12 01	No	paper and cardboard	R3	М	Weighed	Offsite in Ireland		,Ireland
,									Towers Bus. Pk., Wilmslow
To Other Countries	19 12 01	No	paper and cardboard	R3	М	Weighed	Abroad	(MLM) ACN Europe (UK),.	Rd.,Didsbury,Manchester,Un ited Kingdom
. o other countries	.0 12 01	140	paper and caraboard			cignica		Hammond Lane,WFP-WM-	Garrycastle, Athlone, Co.
Within the Country	19 12 02	No	ferrous metal	R4	М	Weighed	Offsite in Ireland	2011-0002-01	Westmeath,,,Ireland
Within the Country	19 12 03	No	non-ferrous metal	R4	М	Weighed	Offsite in Ireland	Wilton Waste,W 06/03	Kiffa,Ballyjamesduff,Co. Cavan,,,Ireland
,									

							Wheeley Environmental	Wier Road Business		
							Refuse Services,WFP-G-09-			
Within the Country 19 12 0	14 No	plastic and rubber	R3	M	Weighed	Offsite in Ireland		Galway,Ireland		
,		,						ballymacken Ind		
								Est,Portlaoise,Co.		
Within the Country 19 12 0	14 No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01	Laois,.,Ireland		
								Killycard Ind		
								Est,Castleblaney,Co.		
Within the Country 19 12 0	14 No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	Shabbra,WFP08-0022-01	Monaghan,.,Ireland		
								Unit 37 ,Innotec		
							Volker Gruppe Ltd -	Drive,Bangor,BT19		
To Other Countries 19 12 0	14 No	plastic and rubber	R3	M	Weighed	Abroad	Broker,IRE/G435/17	7PD,United Kingdom		
								Clermont Bus		
								Pk.,Haggardstown,Dundalk		
Within the Country 19 12 0	14 No	plastic and rubber	R3	M	Weighed	Offsite in Ireland	Environmental,WP2008/06	Co. Louth,,,Ireland		
								Runcorn Hardwick		
								Road, Astmoor Industrial Estate. Cheshire. WA7		
To Other Countries 19 12 0	14 No	plastic and rubber	R3	М	Weighed	Abroad	JFC Plastics Ltd	1PH,United Kingdom		
10 Other Countries 19 12 0	140	plastic and tubber	11.5	IVI	Weighted		Conroy Waste Recycling	Sonna, Mullingar, Co		
Within the Country 19 12 0	7 No	wood other than that mentioned in 19 12 06	R3	М	Weighed			Westmeath,,,Ireland		
Within the Country 15 12 0	140	wood other than that mentioned in 15 12 00	110		Weighted		Conroy Waste Recycling	Sonna, Mullingar, Co		
Within the Country 19 12 0	7 No.	wood other than that mentioned in 19 12 06	R13	M	Weighed			Westmeath,,,Ireland		
771am alo oculary 10 12 c			1110		rroignou		Oxigen environmental Ltd	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
							(Guessford Ltd), WFP-OY-10-	Barnan, Daingean, Tullamore,		
Within the Country 19 12 0	7 No	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	0183-02	Offaly, Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of					AES Navan TA Midland	Proudstown		
		wastes other than those mentioned in 19 12					Waste Disposal Services	Road, Clonmagadden, Navan,		
Within the Country 19 12 1	2 No	208.26 11	R3	M	Weighed	Offsite in Ireland	Ltd,W0131-02	Co Meath, Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of								
		wastes other than those mentioned in 19 12					5	Killinagh Upper,Carbury,Co.		
Within the Country 19 12 1	2 No	158.24 11	R5	M	Weighed	Offsite in Ireland	Drehid CF,W0201-03	Kildare,.,Ireland		
		other wastes (including mixtures of						Kileee		
		materials) from mechanical treatment of wastes other than those mentioned in 19 12						Kileen Rd.,Ballyfermot,Dublin		
Within the Country 19 12 1	2 No	5756.99 11		M	Weighed	Offsite in Ireland	Thorntons Waste ,W0044-02			
Within the Country 19 12 1	2 140	other wastes (including mixtures of	1(15	IVI	Weighed	Offsite III ffeland	THORITORIS Waste , WOO44-02	10,.,ireland		
		materials) from mechanical treatment of					PACON Waste &	Unit 4F,Fingal Bay Business		
		wastes other than those mentioned in 19 12					Recycling,WFP-FG-10-0004-			
Within the Country 19 12 1	2 No	4928.03 11		M	Weighed		01	Dublin, Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of								
		wastes other than those mentioned in 19 12					Indaver (ireland) Ltd,W0167-			
Within the Country 19 12 1	2 No	371.48 11	R1	M	Weighed	Offsite in Ireland	03	Meath,.,Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of								
		wastes other than those mentioned in 19 12						Rathdrinagh, Beauparc, Co.		
Within the Country 19 12 1	2 No	11	R13	M	Weighed	Offsite in Ireland	Panda Waste,W0140-04	Meath,.,Ireland		
		other wastes (including mixtures of materials) from mechanical treatment of					Theodore Develop Wood			
		wastes other than those mentioned in 19 12					Thorntons Recycling Wood Chipping (PDM) Ltd,WFP-	Oldmilltown ,Kill,Co		
Within the Country 19 12 1	2 No	11		М	Weighed	Offsite in Ireland		Kildare,.,Ireland		
Within the Country 19 12 1	2 140	other wastes (including mixtures of	1(15	IVI	Weighed	Offsite III ffeland	KE-10-0001-01	Midale,.,ilelalid		
		materials) from mechanical treatment of								
		wastes other than those mentioned in 19 12						Killinagh Upper,Carbury,Co.		
Within the Country 19 12 1	2 No	11		M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Kildare,.,Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of								Hardwick Rd., Astmoor Ind
		wastes other than those mentioned in 19 12					Enrich (Peter Joseph			Est ,Runcorn ,Cheshire.
Within the Country 19 12 1	2 No	11	R13	M	Weighed	Offsite in Ireland	Barry),WFP-MH-08-0004-01	Stud,Kilcock,.,Meath,Ireland	,Tuam,Co. Galway,.,Ireland	WA71PH,United Kingdom
		other wastes (including mixtures of								
		materials) from mechanical treatment of								
William O		wastes other than those mentioned in 19 12			Martin Colored	0000	450 D. II	Kyletalesha,,,Portlaois,Co.		
Within the Country 19 12 1	2 No	11 other westes (including mixtures of	R13	M	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Laois, Ireland		
		other wastes (including mixtures of								
		materials) from mechanical treatment of wastes other than those mentioned in 19 12					Enrich (Peter Joseph	Larch Hill		
Within the Country 19 12 1	2 No	wastes other than those mentioned in 19 12		M	Weighed		Barry),WFP-MH-08-0004-01			
Vitalifi the Country 19 12 1	2 110	other wastes (including mixtures of	1110	141	VVoigneu	Challe in heidhu	24.77, 11111111111111111111111111111111111	otaa, tiloook, , woati i, ii elaliu		
		materials) from mechanical treatment of						Ballymount		
		wastes other than those mentioned in 19 12					Nurendale Ltd TA PANDA	Cross, Tallaght, Dublin, 24, Irel		
Within the Country 19 12 1	2 No	wastes other than those mentioned in 19 12 11		М	Weighed			and		

										Ballymacken Industrial		
										Estate,Ballymacken,Portlaois		
Within t	he Country	20 01 01	No	paper and cardboard	R13	M	Weighed	Offsite in Ireland	Agnail Ltd,IREAG 117/12	e,Laois,Ireland Killinagh Upper,Carbury,Co.		
Within t	he Country	20 01 08	No	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Kildare,.,Ireland		
\\/ithin t	he Country	20 01 08	No	503.06 biodegradable kitchen and canteen waste	R3	М	Weighed	Offsite in Iroland	Padraig Thornton Waste Disposal Ltd, W0195-02	Kilmainhamwood,.,Kells,Co Meath,Ireland		
VVILIIIII	ne Country	20 01 00	NO	505.00 blodegradable kitchen and canteen waste	N3	IVI	weighed	Offsite III freiand	Disposal Ltd, WO 195-02	weath, relatio	KMK Metals Ltd,W0113-	
				discarded electrical and electronic						Cappincur Ind	04,Cappincur Ind	Cappincur Ind
				equipment other than those mentioned in 20 01 21 and and 20 01 23 containing	1				KMK Metals Recycling	Estate, Daingean Road, Tullamore, Co.	Estate, Daingean Road, Tullamore, Co.	Estate, Daingean Road, Tullamore, Co.
Within t	he Country	20 01 35	Yes	hazardous components	R4	M	Weighed	Offsite in Ireland	Ltd,W0113-04	Offaly,Ireland	Offaly,Ireland	Offaly,Ireland
Within t	he Country	20 01 40	No	33.1 metals	R4	М	Weighed	Offsite in Ireland	Hammond Lane,WFP-WM-	Garrycastle,Athlone,Co. Westmeath,,,Ireland		
vviciniii	ne Country	20 01 40	140	55.1 metals	114	IVI	Weighed	Offsite III freiand	2011-0002-01	Kilberry ,Athy,Co.		
Within t	he Country	20 02 01	No	5.92 biodegradable waste	R3	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kildare,.,Ireland Kilberry ,Athy,Co.		
Within t	he Country	20 02 01	No	biodegradable waste	R3	М	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kildare,.,Ireland		
									D. 1: 114/45 W0004 00	Killinagh Upper,Carbury,Co.		
Within t	he Country	20 02 02	No	soil and stones	D1	М	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 Oxigen environmental Ltd	Kildare,.,Ireland		
									(Guessford Ltd),WFP-OY-10	- Barnan, Daingean, Tullamore,		
Within t	he Country	20 03 01	No	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	0183-02	Offaly, Ireland Killinagh Upper, Carbury, Co.		
Within t	he Country	20 03 01	No	7757.7 mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03	Kildare,.,Ireland		
Within t	he Country	20.03.01	No	1896.38 mixed municipal waste	R1	М	Weighed	Offsite in Ireland		Carranstown, Dulleek, Co Meath,,, Ireland		
vvitimi	ne Country	20 03 01	140	1090.90 Mixed Mullicipal Waste	IXI	IVI	Weighed	Offsite III freiand	AES Navan TA Midland	Proudstown		
\A(!4b: 4	h = C=t=-	20.02.04	NI-	6220.40	D42	М	10/-:	Official in Incland	Waste Disposal Services	Road, Clonmagadden, Navan, Co Meath, Ireland		
vvitnin t	he Country	20 03 01	No	6328.18 mixed municipal waste	R13	IVI	Weighed	Offsite in Ireland	Ltd, VV 0 13 1-02	Ballintrane, Carlow, Co.		
Within t	he Country	20 03 01	No	mixed municipal waste	R3	M	Weighed	Offsite in Ireland	O'Toole Composting,.	Carlow,.,Ireland		
Within t	he Country	20 03 01	No	mixed municipal waste	R13	М	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Kyletalesha,.,Portlaois,Co. Laois,Ireland		
	,									Robinhood Industrial		
									Oxigen Environmental	Estate,Robinhood Road,Ballymount,Dublin		
Within t	he Country	20 03 01	No	mixed municipal waste	R13	M	Weighed	Offsite in Ireland		22,Ireland		
Within t	he Country	20 03 03	No	155.56 street-cleaning residues	D5	М	Weighed	Offeito in Iroland	Drehid WMF.W0201-03	Killinagh Upper,Carbury,Co. Kildare,,,Ireland		
vvicinii	ne Country	20 03 03	140	100.00 Street-Gearing residues	D3	IVI	Weighed	Offsite III freiand	Dreilid WWW ,W0201-03	Midale,.,ireland		
\\/ithin t	he Country	20 03 07	No	bulky waste	R13	М	Weighed	Offsite in Iroland	Enrich (Peter Joseph Barry),WFP-MH-08-0004-01	Larch Hill Stud,Kilcock,.,Meath,Ireland		
VVILIIIII	ne Country	20 03 07	NO	bulky waste	KIS	IVI	weighed	Offsite III freiand	Daily), VV FF-IVIH-00-0004-01	Killinagh Upper,Carbury,Co.		
Within t	he Country	20 03 07	No	2177.58 bulky waste	D5	M	Weighed	Offsite in Ireland	Drehid WMF,W0201-03 AES Navan TA Midland	Kildare,.,Ireland Proudstown		
									Waste Disposal Services	Road, Clonmagadden, Navan,		
Within t	he Country	20 03 07	No	24.78 bulky waste	R13	M	Weighed	Offsite in Ireland	Ltd,W0131-02	Co Meath, Ireland		
										ballymacken Ind		
										Est,Portlaoise,Co.		
Within t	he Country	15 01 01	No	1238.9 paper and cardboard packaging	R13	М	Weighed	Offsite in Ireland	ROC,WFP-LS-11-001-01 Condron Concrete	Laois,.,Ireland Arden		
									Limited,WFP-OY-15-0198-	Road,.,Tullamore,County		
Within t	he Country	15 01 02	No	11.82 plastic packaging	R13	М	Weighed	Offsite in Ireland	01 Clonmel Waste Disposal	Offaly,Ireland Lawlesstown,.,Clonmel		
Within t	he Country	15 01 03	No	129.16 wooden packaging	R13	М	Weighed	Offsite in Ireland	Ltd,WFP-TS-11-0001-01	,County Tipperary,Ireland		
									Leinster	Clermont Bus Pk.,Haggardstown,Dundalk		
Within t	he Country	15 01 06	No	40.06 mixed packaging	R13	M	Weighed	Offsite in Ireland	Environmental,WP2008/06	Co. Louth,.,Ireland		
Within t	he Country	17.02.01	No	18.64 wood	R13	М	Weighed	Offeito in Iroland	Clonmel Waste Disposal Ltd,WFP-TS-11-0001-01	Lawlesstown,.,Clonmel ,County Tipperary,Ireland		
vviciilli	no Country	17 02 01	140	10.07 W000	1110	141	** Cigilled	Challe III II eldilu		Bollarney,The		
									Multimetals Recycling Limited,WFP-WW-09-0014-	Murrough, Wicklow		
Within t	he Country	17 04 02	No	13.54 aluminium	R4	М	Weighed	Offsite in Ireland		Town,County Wicklow,Ireland		
	-			soil and stones other than those mentioned						Kyletalesha,,,Portlaois,Co.		
vvithin t	he Country	17 05 04	No	128.96 in 17 05 03 other wastes (including mixtures of	R13	М	Weighed	Offsite in Ireland	AES Portlaois,W0194-02	Laois,Ireland Crag Avenue,Clondalkin		
				materials) from mechanical treatment of						Industrial		
Within	he Country	19 12 12	No	wastes other than those mentioned in 19 12 997.67 11	R13	М	Weighed	Offsite in Ireland	Greyhound Recycling and Recovery Limited, W0205-01	Estate, Clondalkin, County Dublin, Ireland		
	-						-		Clonmel Waste Disposal	Lawlesstown,.,Clonmel		
Within t	he Country	20 01 38	No	10.66 wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Ltd,WFP-TS-11-0001-01	,County Tipperary,Ireland		

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

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

Link to previous years waste data Link to previous years waste summary data & percentage change Link to Waste Guidance