Facility Information Summ	ary		
AER Reporting Year	2016		
Licence Register Number	W0131-02		
Name of site	Advanced Environmen	ntal Solution	ns (Ireland) Ltd Navan
Site Location	Proudstown Road, Clo	nmagaddei	า
NACE Code		38	32
Class/Classes of Activity	Schedule 3 - Class 11,	Class 12, Cl	ass 13, Schedule 4- recovery
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.

Operations at the facility include the receipt of domestic, commercial, industrial and construction waste. Predominantly household and compositionally similar commercial mixed waste was processed at the facility in 2016. Mixed municipal wastes are unloaded on the floor of the waste processing building and any unsuitable materials are mechanically removed by grab machine. The grab machine then loads the MSW into a hopper which passes the waste onto a conveyor belt and into a 30mm screen trommel. Fines material less than 30mm are collected beneath the trommel and sent to Enrich Composting Ltd for biostabilisation. Oversize material (>50mm) leaving the trommel is passed under a magnet which removes ferrous metals. Remaining residaul waste is bulked and trasnferred to landfill or waste to energy plants. Baling acitivites for export which were in place from late 2014 ceased in January 2015 as the market outlets abroad became less favorable. Metals are sent to Wilton waste and mixed Recycable materials are sent to AES Tullamore for further processing. C & D wastes are accepted to the facility and bulked to AES Lusk. There was no Site Visit from the Office of Environmental Enforcement in 2016.

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 Environmental Officer

	Answer all questions and complete all tables where relevant			
			Additional information	_
1	Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If you do not have licenced emissions and do not complete a solvent management plan (table A4 and A5) you 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	Yes		ility and to the inappropriate location of dust gauges within the site boundary. AES are dust locations at present in the hopes that alternate locations can be found that are in compliance with the ELV
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? AGN2	Yes		

W0131-02

Lic No:

2016

Year

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

			ELV in licence or							
Emission			any revision			Unit of	Compliant with		Annual mass	Comments -reason for change in % mass load from previous year if
reference no:	Parameter/ Substance	Frequency of Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
								OTH Based on VDI		
D1	Total Particulates	3 times per year	350	Daily average < ELV	162	mg/m2/day	yes	2119 Blatt 2		
							no (if no please			
							enter details in	OTH Based on VDI		The licence limit was exceeded three times (627mg/m2/day),
D2	Total Particulates	3 times per year	350	Daily average < ELV	869	mg/m2/day	comments box)	2119 Blatt 2		(1119mg/m2/day) and (861mg/m2/day).
							no (if no please			
							enter details in	OTH Based on VDI		The licence limit was exceeded twice (928 mg/m2/day) and
D3	Total Particulates	3 times per year	350	Daily average < ELV	709	mg/m2/day	comments box)	2119 Blatt 2		(861mg/m2/day).
							no (if no please			
							enter details in	OTH Based on VDI		The licence limit was exceeded three times (1217mg/m2/day),
D4	Total Particulates	3 times per year	350	Daily average < ELV	1045	mg/m2/day	comments box)	2119 Blatt 2		(1006mg/m2/day) and (911mg/m2/day)

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

AIR-summary template

AIR-summary template	Lic No:	W0131-02	Year	2016
Continuous Monitoring				
4 Does your site carry out continuous air emissions monitoring?	No			
If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)				
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT	NOT APPLICA	BLE	
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	NOT APPLICA	BLE	
7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	NOT APPLICA	BLE	

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3.	Abatement system	bypass reporting table	

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

Bypass protocol

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

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

	AIR-summary	template				Lic No:	W0131-02		Year	2016
	Solven	nt use and managem	ent on site							
8	Do you have a tota	al Emission Limit Value of o	direct and fugitive emission	ons on site? if yes p	No					
	Table A4: Solve VOC Emission	ent Management Pl limit value	an Summary Total	Solvent regulations	Please refer to linked solven complete table 5					
	Reporting year	Total solvent input on site (kg)		emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance				
						SELECT SELECT				
	Table A5	: Solvent Mass Bala	nce summary							
		(I) Inputs (kg)				utputs (kg)				
	Solvent	(I) Inputs (kg)		Solvents lost in water (kg)			Solvent released in other ways e.g.		Total emission of Solvent to air (kg)	
			" `							
								Total		

AFR Monito	ring returns summ	nary template-WATER/WASTE	WATER(SEWER)			Lic No:	W0131-02		Year	2016	5				
ALIC IVIOLITO	ing returns summ	iary template-walling was it	TWATER(SEWER)			LIC NO.	Additional information		rear	2010	,				
	he current reporting	ons direct to surface water or direct year and answer further questions. able W1 and or W2 for storm water	If you do not have licenced emi	issions you <u>only</u>		All storm	water and foulwater is collected o	insite into undergroi	und tanks and tanke	red to an offsite W	/aste water treatment plant				
		ce to carry out visual inspections on complete table W2 below summari: during visual inspection	sing only any evidence of contam		No	No									
	Table W1 Storm v	vater monitoring		1							-				
Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments					
Location Reference	Date of inspection		Description of contamination			Source of contamination	Corrective acti	on	Comn	nents	1				
						SEECT									
Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision 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
EMS	Wastewater/ Sewer	рН	discrete	Quarterly	SELECT	N/A	No pH value shall deviate from the specified range.	6.6	μS/cm@25oC	Yes	pH meter (electrode)	APHA / AWWA "Standard Methods"		(3/	
EMS	Wastewater/ Sewer	Total organic carbon (TOC) (as total C or COD/3)	discrete	Quarterly	SELECT	N/A	All values < ELV	429.5	mg/L	Yes	Furnace Digestion	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	BOD	discrete	Quarterly	SELECT	N/A	All values < ELV	809.5	mg/L	Yes	Dissolved Oxygen Meter (electrode)	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	COD	discrete	Quarterly	SELECT	N/A	All values < ELV	1473.8	mg/L	Yes	Closed reflux method	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Suspended Solids	discrete	Quarterly	SELECT	N/A	All values < ELV	224.3	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Sulphate	discrete	Quarterly	SELECT	N/A	All values < ELV	118.3	mg/L	Yes	Ion Chromatography	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Copper and compounds (as Cu)	discrete	Quarterly	SELECT	N/A	All values < ELV	0.027	μg/L	Yes	ICPMS	US EPA			
EMS	Wastewater/ Sewer	Zinc and compounds (as Zn)	discrete	Quarterly	SELECT	N/A	All values < ELV	0.406	μg/L	Yes	ICPMS	US EPA			
EMS	Wastewater/ Sewer	Fats, Oils and Greases	discrete	Quarterly	SELECT	N/A	All values < ELV	20	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Diesel range organics	discrete	Quarterly	SELECT	N/A	All values < ELV	2	μg/L	Yes	GCFID	US EPA			
EMS	Wastewater/ Sewer	Mineral oils	discrete	Quarterly	SELECT	N/A	All values < ELV	<0.01	μg/L	Yes	GCFID	US EPA			
EMS	Wastewater/ Sewer	Detergents (as MBAS)	discrete	Quarterly	SELECT	N/A	All values < ELV	0.413	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			
		ed as a reportable parameter LV) do not apply to your licence please													

7

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)		Lic No:	W0131-02	Y
Continuous monitoring			Additional Information	
5 Does your site carry out continuous emissions to water/sewer monitoring?	No			
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit	·-			
Value (ELV)				
6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	SELECT		Not Applicable	
7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT	Not Applicable		
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	SELECT	Not Applicab	ble	
Table W4: Summary of average emissions -continuous monitoring				

								% change +/- from			
								previous reporting	Monitoring	Number of ELV	
Emission			ELV or trigger values in licence or	Averaging	Compliance	Units of	Annual Emission for current	year	Equipment	exceedences in	
reference no:	Emission released to	Parameter/ Substance	any revision thereof	Period	Criteria	measurement	reporting year (kg)		downtime (hours)	reporting year	Comments
	SELECT	SELECT		SELECT	SELECT	SELECT					
	SELECT	SELECT		SELECT	SELECT	SELECT					

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

Table W5: Abatement system bypass reporting table

	Date	Duration (hours)	Location		action*		When was this report submitted?
						SELECT	
Γ							

^{*}Measures taken or proposed to reduce or limit bypass frequency

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The fact of the mining his grade of the mining his gra	ay 811. Velow Bund, Ad8bue Prefabricated Plastic Ad 8lue 1400 1100 Hydraulic est 15/03/2016 Yes Pass 928. But Performation Cill Bund prefabricated Metal Hydraulic Oil bund 850 220 Hydraulic est 15/03/2016 Yes Pass 2,pub. Yes 110% containment systems to detailed in your Linux similar prefabricated with 15/03/2016 Yes Pass 2,pub. Yes 110% containment and a defauled in your Linux similar prefabricated with 15/03/2016 Yes Pass 2,pub. Yes 100% containment systems to composit and a valiable volume? Pipeline/underground structure testing re you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc.? If yes please fill out table 2 below listing all underground structures and pipelines on site which			
Table 25 Someway details of process and four imaging training means were registered to an expect of the process and four proc	The plane Hydraulic Oil Bund prefibricated Metal Hydraulic Oil Bund 850 220 Hydraulic Lest 15/03/2016 Yes Pass Operative Hydraulic Oil Bund Phydraulic District 15/03/2016 Yes Pass Operative Hydraulic District 15/03/2016 Yes Pass Operative Hy			
Singuish residue from reflect or containment systems containment s	Commentary as integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? **The channels/transfer systems to remote containment systems tested? **Pec NOT Applicable SELECT NOT Applicable SELECT NOT Applicable **Pipeline/underground structure testing **Per vou required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc.? If yes please fill out table 2 below listing all underground structures and pipelines on site which			
Table 82: Summary details of pipeline/underground structures integrity test Type of secondary containment Does this structure have Secondary containment? NAV. Tanal, Of Interceptor 2 NAV. Tanal, Of Interceptor 2 NAV. Tanal, Of Interceptor 2 Storm Concrete No No No No No No No No No N	ase provide integrity testing frequency period 3 years			
Structure ID Type system Material of construction: Secondary containment NoV_Tank1_Of Interceptor1 Novess Concrete No SELECT Nydraulic Ves Pass The failure is due to water escaping between the poles and the tank are upmed down pays of an earth fail is a recommended that both tanks are upmed down and water for visual inspection. All joints within the tank aspection. All			_	
Structure ID Type system Material of construction: Secondary containment? Type integrity testing maintained on site? Results of test words taken for retest reporting year) NAV_Tank_I_Oil Interceptor/1 Process concrete No SELECT Hydraulic Yes Pass The failure is due to water escaping between the outlet pipe and the tank wall on the second chamber. As both tanks are inlined via turned down pipes of one tank falls then both tanks all. It is recommended that both tanks are jumped down and washed for visual inspection. All joints within the tank especially between the pipes and the tank especially between the pipes and the second chamber. All points within the tank especially between the pipes and the tank and the pipes and the tank and the pipes and the tank especially between the pipes and the tank especially between the pipes and the tank wall should be sealed.	containment	ate Results of retest(if in current		
The failure is due to water escaping between the outlet pipe and the tank val on the second chamber. As both tanks are linked via turned down pipes of one tank fails the noth thanks fail. It is recommended that of visual respective to the second chamber. It is recommended that other thanks are pumped down and wabel for visual respective. All joints within the tank sepectally between the pipes and the tank wall should be sealed.		reporting year)		
between the outlet pipe and the tank val on the second chamber. As both tanks are linked via turned down pipes of one tank falls then both tanks fall. It is recommended that both tanks are pumped down and washed for visual inspection. All joints within the tank especially between the pipes and tank especially between the pipes and the tank especially between the pipes and tank especially between	TOTAL STREET, UN TREET SEPTIMENT PLACES LUTTERE NO SCENE PROJECTION THE PROSE	SECECI		
NAV Tank2 Oil Interceptor2 Storm concrete No Hydraulic Yes Fall tank wall should be sealed.	between the culted pipe and the tank wall on the second chamber. As both tanks are linked via trunk fail. It is for eat and fails then both stanks fail. It is recommended that both and so was the fail of the second was			
Please use commentary for additional details not answered by tables/ questions above	NAV Tank2 Oil Interceptor2 Storm concrete No Hydraulic Yes Fail cank wall should be sealed.			
Please use commentary for additional details not answered by tables/ questions above				
Please use commentary for additional details not answered by tables/ questions above				
	Please use commentary for additional details not answered by tables/ questions above			

Groundwater/Soil monitoring template	Lic No:	W0131-02	Year	2016	
--------------------------------------	---------	----------	------	------	--

		Comments	
Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		additional space please include a groundwater/contaminated
³ Do you extract groundwater for use on site? If yes please specify use in comment section	no		land monitoring results interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria 4 such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	no		
5 Is the contamination related to operations at the facility (either current and/or historic)	no		
6 Have actions been taken to address contamination issues?If yes please summarise remediation		A Tier III Assessment	
strategies proposed/undertaken for the site	yes	was submitted to the	
7 Please specify the proposed time frame for the remediation strategy	N/A		
8 Is there a licence condition to carry out/update ELRA for the site?	yes		
9 Has any type of risk assesment been carried out for the site?	yes		A Tier III Assessment was submitted to the Agency in 2015. this
10 Has a Conceptual Site Model been developed for the site?	yes		assessment is still under Review with the Agency and any
11 Have potential receptors been identified on and off site?	yes		futher developments regarding the site remediation remains
12 Is there evidence that contamination is migrating offsite?	no		on hold until a decision is made.

Table 1: Upgradient Groundwater monitoring results

	PB: au. c C. C.									
										Upward trend in
										pollutant
										concentration
Date of	Sample location	Parameter/		Monitoring	Maximum	Average				over last 5 years
sampling	reference	Substance	Methodology	frequency	Concentration++	Concentration+	unit	GTV's*	SELECT**	of monitoring data
							SELECT			SELECT
							SELECT			SELECT

^{.+} where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Table 2. L	owngraulent C	Ji Guilawater i	nonitoring results	1						
Date of sampling	Sample location reference	Parameter/ Substance		Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*		Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
			APHA 2012 4500 H&B		7.9	7.85	pH Units	-	≥6.5 and ≤9.5	no
Biannually	Kilsaran Well	Conductivity	APHA 2012 2510B	Biannually	808	764	μS/cm@25oC	800 – 1875	1000	no
Biannually	Kilsaran Well	COD	APHA,2012 5220D	Biannually	<10	<10	mg/I	-	I	no

Groundw	ater/Soil moni	toring templa	te		Lic No:	W0131-02		Year	2016	
Biannually	Kilsaran Well	Chloride	APHA 2012 4500- CL-E	Biannually	25	24.5	mg/l	187.5	30	no
Biannually	Kilsaran Well	Sulphate	APHA 2012 4110B	Biannually	73	69	mg/l	187.5	200	no
Biannually	Kilsaran Well	Ammonia as N	APHA 2012 4500- NH3 and bluebook Ammonia in waters 1981	Biannually	0.06	0.04	mg/l	0.065-0.175	0.15	no
Biannually	Kilsaran Well	Total Nitrogen		Biannually	2.5	1.75	mg/l			no
Biannually	Kilsaran Well	Nitrate	APHA 2012 4500- NO₂B. Colorimetric Method	Biannually	0.44	0.42	mg/l	37.5	25	no
Biannually	Kilsaran Well	VOC's	GC-FID, GC-MS Based on USEPA 524.2 method	Biannually	<1	<1	ug/l	_	-	no
Biannually	Kilsaran Well	Total Coliforms	MTM025	Biannually	0	0	cfu / 100 ml	0	0	no
Biannually	Kilsaran Well	Faecal Coliforms	MTM025	Biannually	0	0	cfu / 100 ml	0	0	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 roundwater 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

Wore information on the use of soil and groundwater standards/ generic assessment criteria (GAC)

Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

and risk assessment tools is available in the EPA published guidance (see the link in G31)

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

				Interim
	Groundwater	Drinking water	Drinking water	Guideline
Surface	regulations	(private supply)	(public supply)	<u>Values</u>
vater EQS	GTV's	standards	standards	(IGV)

	ater/Soil monito		-		Lic No:	W0131-02			Year	2016	
Table 3: 5	Soil results								_		
Date of	Sample location	Parameter/		Monitoring	Maximum	Average		•	1		
sampling	reference	Substance	Methodology	frequency	Concentration	Concentration	u	nit			
							SELECT				
							SELECT				
									_		
									1		

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

Environmental Liabilities template Lic No: W0131-02 Year 2016

Click here to access EPA guidance on Environmental Liabilities and Financial provision

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€756,093.75	
4	Financial Provision for ELRA status	Submitted and agreed by EPA	
5	Financial Provision for ELRA - amount of cover	€756,093.75	
6	Financial Provision for ELRA - type	bond	
7	Financial provision for ELRA expiry date	12/06/2017	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	
10	Financial Provision for Closure status	Submitted and agreed by EPA	
11	Financial Provision for Closure - amount of cover	€963,501	
12	Financial Provision for Closure - type	bond	
13	Financial provision for Closure expiry date	16/06/2017	

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0131-02	Year	20
	Highlighted cells contain dropdown menu click to view		Additional Information	on		
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	Management System 14001:2004), Health (ISO9002:2000). The through onsite coop dedicated systems of	fully NSAI accredited Integrated n incoporating Environmental (to ISO & Safety (OHSAS 18000) and Quality se management systems are maintained eration with the environmental officers an cordinators. They are audited on a bi-annuexternally on an annual basis.		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	Yes an aspects regist annual review basis	er is maintained on site and updated on ar	n	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes		bjectives and targets are set on an annual gainst targets is reviewed quarterly		
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	A file is available to v	view by members of the public at the facilit	ty	

Environmental Management Programme (EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
	Household brown bin				
	service to be rolled out to				
	population centres of				
	greater than 500 people by				
	July 2016 in line with the				
	European Union		In 2016 Carlanstown,		
	(Household Food Waste		Donore, Kentstown,		
	and Bio Waste) Regulations		Kilmessan and Slane brown		Increased compliance with
Waste reduction/Raw material usage efficiency	2013 (SI No 71 of 2013)	100	bins rolled out	Individual	licence conditions
			In 2015 Navan recovered		
	Recovery rates through		85,000 tonnes of waste, only		
	onsite processing is set to		841 tonnes were sent to		
	be increased to 90% in		landfill. The target for 2017		Increased compliance with
Waste reduction/Raw material usage efficiency	2017	85	is 90% recovery.	Individual	licence conditions
			Conduct a review of dust		
	Eliminate the frequency of		monitoring locations and		
	breach of dust ELVs at D2		submit request for approval		
Reduction of emissions to Air	and D3	80	to move locations	Individual	Reduced emissions
			Route Optimisation and		
			efficiencies are continuing.		
	10% reduction of fuel		Supatrac technology is		
Energy Efficiency/Utility conservation	usage in 2017	80	installed on all vehicles	Individual	Reduced emissions

Environmental Management Prog	ramme/Continuous Impi	ovement Programme	template	Lic No:	W0131-02	Year	201
			The Agency have reverted				
			with a request for				
			information. AES are				
			responding and once this				
	Implement the findings of		information is recevied it is				
	the EPA decision on the		hoped tha a decision will be		Remediation of contamination		
Groundwater protection	Tier III Risk Assessment	0	made in Q2 2017.	Individual	on site		
	Reduce the number of						
	trucks used in waste				Improved Environmental		
Energy Efficiency/Utility conservation	collection.	Ongoing		Individual	Management Practices		
			In 2017 repairs to the				
			following areas are planned;				
	Continual Improvement to		waste shed 1, truck parking				
Materials Handling/Storage/Bunding	hardstand areas on site.	25	harcore zone	Section Head	Installation of infrastructure		
	Reduce the number of		A weekly odour patrol has		Increased compliance with		
Reduction of emissions to Air	odour complaints.	Ongoing	been introduced.	Individual	licence conditions		

Noise monitoring summary report Lic No: W0131-02 Year 2016

Yes

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

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

Noise Guidance

note NG4

Yes

3 Does your site have a noise reduction plan

4 When was the noise reduction plan last updated?

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

No Not Applicable No

Table N1: Noi	ise monitoring s	summary									
Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site_compliant</u> with noise limits (day/evening/night)?
01/06/2016	30 min	N1		51	43	52	75	No	No	Site: Continuous hum from trommel. Cars entering/exiting the car	Yes
02/06/2016	30 min	N1		53	47	54	76	No	No	park. Trucks/ machinery moving around the site and associated reversing tones. Squealing of breaks audible on occasion. Banging noises emitted from works located in the reception shed.	Yes
02/06/2016	30 min	N1		54	49	54	73	No	No	Background: Passing traffic on the Proudstown Ind. Est. Rd (5m) and R162. Birds singing and crows overhead.	Yes
01/06/2016	30 min	N2		51	41	52	70	No	No		Yes
02/06/2016	30 min	N2		52	46	54	83	No	No	Site: Intermittent power-washing nearby (15-20m) – not visible. Continuous low hum of operations within reception shed. Occasional traffic movement about site. Occasional low level event noise from nearby workshop (cutting, grinding, hammering	Yes
02/06/2016	30 min	N2		55	50	57	83	No	No	etc.) Idle engines at weighbridge. Maintenance of lift system of AES truck resulting in high rev tones emitted. Background: Overhead crows cawing. Vehicles entering/exiting Kilsaran Facility. Reversing tones and beeping from machinery entering the Kilsaran facility.	No
01/06/2016	30 min	N3		48	42	50	69	No	No		Yes
02/06/2016	30 min	N3		47	43	48	67	No	No	Site: Occasional lorries passing (30-40m). Movement of heavy	Yes
02/06/2016	30 min	N3		49	41	51	66	No	No	plant machinery within site and reversing tones clearly audible on occasion. Activity in reception shed and bird deterrent audible. Background: Crows cawing and birds singing in mature hedgerow.	Yes
01/06/2016	30 min	N4		55	48	57	72	No	No	Site: Continuous hum of operations within main shed. Traffic movement	No
02/06/2016	30 min	N4		60	58	62	76	No	No	about site with associated piston release of breaks and reversing tones. Lorries unloading RoRo skips (40m approx) with engines running at high revs. Bird deterrent sounding on occasion.	No
02/06/2016	30 min	N4		59	33	64	80	No	No	Background: Birds singing and crows audible. Traffic on Proudstown road audible on occasion. Plane over head during round 3.	No

01/06/2016	30 min	N5	Yes	48	39	51	73	No	No	Background: Vehicles passing in close proximity to the meter. Bus associated with the crèche left idle (10m). Traffic on R162 and	Yes
02/06/2016	30 min	N5	Yes	50	40	52	78	No	No	Proudstown road occasionally faintly audible. Works associated with the crèche audible. Maintenance of the GAA grounds in	Yes
02/06/2016	30 min	N5	Yes	50	38	54	78	No	No	progress. Hum from the GAA grounds generator audible during round 3. Activity from the surrounding businesses included intercom systems sounding and metal grinding.	Yes
01/06/2016	30 min	N6	Yes	52	43	51	79	No	No		Yes
02/06/2016	30 min	N6	Yes	51	38	51	78	No	No	Site: Not audible from this monitoring location.	Yes
02/06/2016	30 min	N6	Yes	52	41	53	78	No	No	Background: Birds singing and crows audible. Traffic associated with a residential area audible. Children playing in close proximity to the meter. Plane over head during 1st round. Dogs barking audible on occasion. Resident beeping horn repeatedly during round 3. Traffic entering/exiting housing estate (40m). Traffic on Clonmagadden Rd occasionally audible.	Yes

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

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

select

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary Lic No: W0131-02 Year 2016 Additional information 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below SEAI - Large Is the site a member of any accredited programmes for reducing energy usage/water conservation such **Industry Energy** AES is a subsidiary of Bord na Mona . AES are taking part of the SEAI as the SEAI programme linked to the right? If yes please list them in additional information Network (LIEN) Energy Management scheme for Governement bodies and working Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in with SEAI to roll out a certified Energy Management System to 3 additional information SELECT ISO50001. Working towards certification in 2017 Table R1 Energy usage on site Production +/- % Energy compared to Consumption +/- % previous reporting vs overall site nergy Use Previous year (2015) Current year (2016) year** production* Total Energy Used (MWHrs) 157.7 143.13 Total Energy Generated (MWHrs) Med FO Total Renewable Energy Generated (MWHrs) DERV Electricity Consumption (MWHrs) 152.4 138.3 Fossil Fuels Consumption: Heavy Fuel Oil (m3 Light Fuel Oil (m3) 524.5 474.732 Natural gas (m3 118950 Coal/Solid fuel (metric tonnes) Peat (metric tonnes) Renewable Biomass Renewable energy generated on site * where consumption of energy can be compared to overall site production please enter this information as percentage increase or decrease compare ** where site production information is available please enter percentage increase or decrease compared to previous year 5.331536714 4.825706616 Table R2 Water usage on site **Water Emissions Water Consumption** Volume used i.e not Production +/- % discharged to Volume Discharged compared to Consumption +/- % environment e.g. back to Water extracted Water extracted previous reporting vs overall site released as steam year** Water use environment(m³yr): Unaccounted for Water: Previous year m3/yr. Current year m3/yr. production* m3/yr Groundwater Surface water Public supply

Recycled water Total

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

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

Resource Usage/Energy efficiency summary

Lic No:

W0131-02

Year 2016

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

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

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

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

Complaints and Incidents summary template				Lic No:	W0131-02		Year	201	6			
	Complaints										•	
	-			Additional inform	ation							
Have you received any environmental complaints in the current reporting ye	ar? If yes please complete summary details of cor	nplaints received on site in										
table ?	L below		No									
				•	•							
Table 1 Complaints summary		٦										
,		Brief description of					T					
i			Corrective action< 20			Further						
Date Category	Other type (please specify)		words	Resolution status	Resolution date	information						
SELECT				SELECT			1					
SELECT				SELECT			1					
Total complaints open at start of reporting year												
Total new complaints received during reporting year												
Total complaints closed during reporting year												
Balance of complaints end of reporting year												
	Incidents				1							
	Incidents			Additional inform	ation							
				Additional inform	1							
Have any incidents occurred on site in the current reporting year?	Please list all incidents for current reporting year	in Table 2 below	Yes									
8,1		7			4							
*F1-5	ncident What is an incident											
*For information on how to report and what constitutes an ir	cident <u>what is an incident</u>	_										
Table 2 Incidents summary		7										
TODIC E INCIDENCE SUMMON Y		Incident			Other	Activity in		т	T	T	T	
		category*please refer to	,			progress at time	1		Corrective action<20	Preventative action <20		Resolution
Date of occurrence Incident nat	ture Location of occurrence	guidance	Receptor	Cause of incident		of incident	Communication	Occurrence	words	words	Resolution status	
						•				1	•	
										Given that the dust		
									Site manager	exceedances appear to be		
									instructed to ensure	coming from outside the site		
									yard sweeping is	boundaries AES will continue		
	Licenced discharge point			Other (add					continued on	to ensure dust levels on site		
04/05/2016 Breach of E	LV (D2A, D3A, D4)	1. Minor	Air	details)	Offsite generation	Normal activities	EPA	Recurring	schedule.	are kept to a minimum.	Complete	31/08/20
										Continued Road Sweeping		
	Licenced discharge point			Other (add					Increased Road	and Review of yard layout		
18/10/2016 Breach of El SELECT		1. Minor SELECT	Air SELECT	details) SELECT		Normal activities SELECT		Recurring	Sweeping	and dust locations	Complete SELECT	24/04/20
ISFLECT							SELECT	SELECT				4
	SELECT	BELECI	SEEECI	SEEECI		DELECT	DELECT	DELLECT			SELECT	
Total number of incidents current year Total number of incidents previous year	2 2	SELECT	SEECT	SEECT		JEECT	JEECE	SEECT		.1	SEECT	-1

WASTE SUMMARY	Lic No:	W0131-02	Year	2016
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALI	. IPPC AND WASTE FACILITIES	PRTR facility logon	dropdov	wn list click to see options

SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES]	
		Additional Information
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 1 to be captured through PRTR reporting)	Yes	
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	

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

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

site (total tonnes/annum) Please enter an accurate reporting year (tonnes) and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes European Waste Catalogue EWC codes	arried out at your description of this peration on site at the end of reporting year (tonnes)	g
tonnes/annum) and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes European Waste Catalogue EWC codes	peration end of reporting	g
tonnes/annum) and detailed description - which applies to relevant EWC code European Waste Catalogue EWC codes European Waste Catalogue EWC codes European Waste Catalogue EWC codes		
which applies to relevant EWC code European Waste Catalogue EWC codes European Waste Catalogue EWC codes Catalogue EWC codes		
Furopean Waste Catalogue EWC codes European Waste Catalogue EWC codes European Waste Catalogue EWC codes Catalogue EWC codes		
European Waste Catalogue EWC codes European Waste Catalogue EWC codes		
Catalogue EWC codes		
Catalogue EWC codes		
02-WASTES FROM 62.2%		
AGRICULTURE, HORTICULTURE		
	of waste pending	
	erations numbered	
	cluding temporary	
03- WASTES FROM WOOD 144.5%	-five-te-se-dis-	
	of waste pending	
	erations numbered	
	cluding temporary	
95000 03 01 05 CARDBOARD board and veneer 5.66 13.84 monufacuturer storage)	-function and the	
	of waste pending	
	erations numbered	
	cluding temporary	
95000 04 02 22 INDUSTRIES textile fabrics 128.92 105.88 manufacturing plant storage)		
15- WASTE PACKAGING; 4.9% Increase in waste		
	of waste pending	
	erations numbered	
	cluding temporary	
95000 15 01 01 OTHERWISE SPECIFIED packaging 559.68 532.07 retailers 100% storage)		5
15- WASTE PACKAGING; -54.8%		
	of waste pending	
	erations numbered	
	cluding temporary	
95000 15 01 02 OTHERWISE SPECIFIED Plastic Packaging 69.72 107.9 customers 100% storage)	3.	5
15- WASTE PACKAGING; 3.2% Increase in waste		
	of waste pending	
	erations numbered	
	cluding temporary	-
95000 15 01 03 OTHERWISE SPECIFIED Wooden packaging 468.49 453.43 retailers 100% storage)	0.7	5
15- WASTE PACKAGING; 100.0% Increase in waste		
ABSORBENTS, WIPING CLOTHS, stream from		
FILTER MATERIALS AND		
	/reclamation of	
95000 15 01 04 OTHERWISE SPECIFIED Metallic packaging 1.58 0 retailers 100% metals and n	etal compounds 1	2
15- WASTE PACKAGING; 100.0% Increase in waste	6 4 8	
	of waste pending	
	erations numbered	
	cluding temporary	
95000 15 01 05 OTHERWISE SPECIFIED Composite packaging 0.68 0 retailers 100% storage		
15- WASTE PACKAGING;		
	of waste pending	
	erations numbered	
	cluding temporary	
15 01 07 OTHERWISE SPECIFIED pockaging 6.42 43.64 waste reporting 100% storage)		

WASTE SUMMARY					Lic No:	W0131-02		Year	2016	
		15- WASTE PACKAGING;				-79.1%				
		ABSORBENTS, WIPING CLOTHS,							R13-Storage of waste pending	
		FILTER MATERIALS AND							any of the operations numbered	
		PROTECTIVE CLOTHING NOT	Domestic Glass				Recduction in waste		R1 to R12 (excluding temporary	
	15 01 07	OTHERWISE SPECIFIED	packaging	112.84	202.14		material	1009/	storage)	2
	13 01 07	OTTERWISE SPECIFIED	packaging	112.04	202.14	30.1%	Increase in waste	100%	storuge)	3
						30.1%				
							stream from		R13-Storage of waste pending	
							commercial,		any of the operations numbered	
		16- WASTES NOT OTHERWISE					industrial and		R1 to R12 (excluding temporary	
	16 01 03	SPECIFIED IN THE LIST	End-of-Life Tyres	18.58	12.98		retailers		storage)	4
						-14.1%			R13-Storage of waste pending	
									any of the operations numbered	
		16- WASTES NOT OTHERWISE	Windscreen Glass from				More accruate		R1 to R12 (excluding temporary	
	16 01 20	SPECIFIED IN THE LIST	ELVs	25.04	28.58		waste reporting		storage)	
	10 01 20	STECHTED IN THE EIST	Non-hazardous Organic	23.04	26.56	-34.3%	waste reporting		R13-Storage of waste pending	
						-34.370				
			wastes (off specification						any of the operations numbered	
		16- WASTES NOT OTHERWISE	batches and unused				Recduction in waste		R1 to R12 (excluding temporary	
	16 03 06	SPECIFIED IN THE LIST	products)	5.36	7.2		material		storage)	
						100.0%				
		17- CONSTRUCTION AND						1	R13-Storage of waste pending	
		DEMOLITION WASTES						1	any of the operations numbered	
		(INCLUDING EXCAVATED SOIL						1	R1 to R12 (excluding temporary	
	17 01 01	FROM CONTAMINATED SITES)	Concrete C&D	20.46			New waste stream	1	storage)	6.5
				20.40		81.0%		 		****
		17- CONSTRUCTION AND				01.070	Waste material		R13-Storage of waste pending	
		DEMOLITION WASTES	Non-hazardous mixture				diverted back to		any of the operations numbered	
		(INCLUDING EXCAVATED SOIL							any of the operations numbered	
			of concrete, bricks, tiles				facility for logistical		R1 to R12 (excluding temporary	
	17 01 07	FROM CONTAMINATED SITES)	and ceramices	340.08	64.7		reasons		storage)	
						-9.8%				
		17- CONSTRUCTION AND							R13-Storage of waste pending	
		DEMOLITION WASTES							any of the operations numbered	
		(INCLUDING EXCAVATED SOIL					More accruate		R1 to R12 (excluding temporary	
	17 02 01	FROM CONTAMINATED SITES)	Wood from C&D sources	47.78	52.48		waste reporting		storage)	
						37.7%				
		17- CONSTRUCTION AND				37.770	Waste material		R13-Storage of waste pending	
		DEMOLITION WASTES								
							diverted back to		any of the operations numbered	
			Non-hazardous				facility for logistical		R1 to R12 (excluding temporary	
	17 03 02	FROM CONTAMINATED SITES)	bituminous mixtures	57.56	35.86		reasons		storage)	
						-162.4%				
		17- CONSTRUCTION AND								
		DEMOLITION WASTES								
		(INCLUDING EXCAVATED SOIL					More accruate		R4- Recycling/reclamation of	
	17 04 07	FROM CONTAMINATED SITES)	Mixed C&D Metals	2.66	6.98		waste reporting		metals and metal compounds	
	1,040,	THOM CONTINUED SITES	Winca cas Wictors	2.00	0.50	43.1%	waste reporting		metals and metal compounds	
		17- CONSTRUCTION AND				45.170	Waste material		043 (4	
									R13-Storage of waste pending	
		DEMOLITION WASTES					diverted back to		any of the operations numbered	
		(INCLUDING EXCAVATED SOIL					facility for logistical		R1 to R12 (excluding temporary	
	17 05 04	FROM CONTAMINATED SITES)	Soil & Stone	774.06	440.54		reasons		storage)	17
						-287.7%				
		17- CONSTRUCTION AND					Waste material		R13-Storage of waste pending	
		DEMOLITION WASTES	Insulation materials				diverted away from		any of the operations numbered	
		(INCLUDING EXCAVATED SOIL	(non-Hazardous) other				facility to third	1	R1 to R12 (excluding temporary	
	17 06 04		than 170601 and 170603	53.92	209.06		parties	1	storage)	
	17 00 04	THOW CONTAININATED SITES)	man 170001 unu 170003	53.92	209.06	242.20/	purues	 	storage)	
		17 CONSTRUCTION AND	Cunsum hass			-243.3%	Masta meta-lat		R12 Storage of wants and	
		17- CONSTRUCTION AND	Gypsum-based				Waste material	1	R13-Storage of waste pending	
		DEMOLITION WASTES	construction materials				diverted away from		any of the operations numbered	
		(INCLUDING EXCAVATED SOIL	other than those				facility to third		R1 to R12 (excluding temporary	
	17 08 02	FROM CONTAMINATED SITES)	mentioned in 17 08 01*	39.84	136.76		parties		storage)	3.1
	-					27.5%				
								1	R12-Exchange of waste for	
								1	submission to any of the	
									operations numbered R1 to R11	
									(if there is no other R code	
								1		
									appropriate, this can include	
								1	preliminary operations prior to	
									recovery including pre-	
								1	processing such as amongst	
									others, dismantling, sorting,	
									crushing, compacting,	
								1		
		4.5.00.00							pelletising, drying, shredding,	
		17- CONSTRUCTION AND					Waste material	1	conditioning, repackaging,	
		DEMOLITION WASTES	Mixed Construction &				diverted back to	1	seperating, blending or mixing	
		(INCLUDING EXCAVATED SOIL	Demolition wastes (non-				facility for logistical		prior to submission to any of the	
	17 09 04		hazardous)	11807.36	8564.42		reasons	1	operations numbered R1 to R11)	1

WASTE SUMMARY					Lic No:	W0131-02		Year	2016	
WASTE SOMMANT		18- WASTES FROM HUMAN OR	1		EIC NO.	98.6%		Teal	2010	
		ANIMAL HEALTH CARE				30.0%				
		AND/OR RELATED RESEARCH								
		(except kitchen and restaurant								
		wastes not arising from								
		immediate RESEARCH (except					Waste material			
		kitchen and restaurant wastes					diverted back to			
		not arising from immediate	Non-Hazardous				facility for logistical		D15-Storage pending any of the	
	18 01 04	health care)	Healthcare Wastes	29.1	0.42		reasons		operations numbered D1 to D14	
		19- WASTES FROM WASTE				5.2%				
		MANAGEMENT FACILITIES,								
		OFF-SITE WASTE WATER								
		TREATMENT PLANTS AND THE								
		PREPARATION OF WATER	Screenings (wastes from				Waste material			
		INTENDED FOR HUMAN	waste water treatment				diverted back to			
		CONSUMPTION AND WATER	plants not otherwise				facility for logistical		D15-Storage pending any of the	
	19 08 01	FOR INDUSTRIAL USE	specified)	407.6	386.5		reasons		operations numbered D1 to D14	
		19- WASTES FROM WASTE				-43.6%				
		MANAGEMENT FACILITIES,								
		OFF-SITE WASTE WATER								
		TREATMENT PLANTS AND THE								
		PREPARATION OF WATER					Waste material		R13-Storage of waste pending	
		INTENDED FOR HUMAN	Waste From Mechanical				diverted back to		any of the operations numbered	
		CONSUMPTION AND WATER	Treatment - Organic				facility for logistical		R1 to R12 (excluding temporary	
	19 12 12	FOR INDUSTRIAL USE	Fines for Disposal	13.84	19.88		reasons	1	storage)	14
		19- WASTES FROM WASTE				100.0%				
		MANAGEMENT FACILITIES,								
		OFF-SITE WASTE WATER								
		TREATMENT PLANTS AND THE								
		PREPARATION OF WATER								
		INTENDED FOR HUMAN CONSUMPTION AND WATER	Waste from Mechanical						045 (4	
	10.12.12	FOR INDUSTRIAL USE	Treatment (Overs Greater 60)	237.18			New waste stream		D15-Storage pending any of the operations numbered D1 to D14	50
	19 12 12	20- MUNICIPAL WASTES	Greater 60)	237.10		-93.2%	ivew waste stream		operations numbered D1 to D14	50
		(HOUSEHOLD WASTE AND				-93.270	Reduction in waste			
		SIMILAR COMMERCIAL,					stream from			
		INDUSTRIAL AND					customers and		R13-Storage of waste pending	
		INSTITUTIONAL WASTES)	Commercial				diversion of waste		any of the operations numbered	
		INCLUDING SEPARATELY	biodegradable kitchen				steam to third party		R1 to R12 (excluding temporary	
	20 01 08	COLLECTED FRACTIONS	and canteen waste	105.6	203.98		facilities		storage)	
	20 01 00	20- MUNICIPAL WASTES	and conteen waste	103.0	203.30	-4.2%	Reduction in waste		storagey	
		(HOUSEHOLD WASTE AND				4.270	stream from			
		SIMILAR COMMERCIAL,					household			
		INDUSTRIAL AND					customers and		R13-Storage of waste pending	
		INSTITUTIONAL WASTES)	Domestic biodegradable				diversion of waste		any of the operations numbered	
		INCLUDING SEPARATELY	kitchen and canteen				steam to third party		R1 to R12 (excluding temporary	
	20 01 08	COLLECTED FRACTIONS	waste	394.86	411.46		facilities		storage)	7.2
		20- MUNICIPAL WASTES				3.0%				
		(HOUSEHOLD WASTE AND								
		SIMILAR COMMERCIAL,								
		INDUSTRIAL AND							R13-Storage of waste pending	
		INSTITUTIONAL WASTES)							any of the operations numbered	
		INCLUDING SEPARATELY							R1 to R12 (excluding temporary	
	20 01 38	COLLECTED FRACTIONS	Municipal Wood	177.8	172.44				storage)	4
		20- MUNICIPAL WASTES	1			-178.8%				
		(HOUSEHOLD WASTE AND	1							
		SIMILAR COMMERCIAL,	1							
		INDUSTRIAL AND	1				Diversion of waste		R13-Storage of waste pending	
		INSTITUTIONAL WASTES)	1				stream directly to		any of the operations numbered	
		INCLUDING SEPARATELY	L				more appropriate		R1 to R12 (excluding temporary	
	20 01 39	COLLECTED FRACTIONS	Municipal Plastic	11.32	31.56	#C 711	facility	1	storage)	
		20- MUNICIPAL WASTES				-52.3%				
		(HOUSEHOLD WASTE AND								
		SIMILAR COMMERCIAL, INDUSTRIAL AND	1				Diversion of waste			
		INSTITUTIONAL WASTES)	1				stream directly to			
		INSTITUTIONAL WASTES) INCLUDING SEPARATELY							DA Dogueling knolamation of	
	20 01 40	COLLECTED FRACTIONS	Municipal Metals	257.56	392.3		more appropriate facility		R4- Recycling/reclamation of metals and metal compounds	
	20 01 40	20- MUNICIPAL WASTES	iviunicipai ivietais	257.56	392.3	27.1%	jucility		metais and metai compounds	
		(HOUSEHOLD WASTE AND	1			27.176				
		SIMILAR COMMERCIAL,								
		INDUSTRIAL AND	1						R13-Storage of waste pending	
		INSTITUTIONAL WASTES)	Biodegradable wastes						any of the operations numbered	
		INCLUDING SEPARATELY	(from garden and Park				Increase in waste		R1 to R12 (excluding temporary	
	20 02 01	COLLECTED FRACTIONS	wastes)	15.42	11.24		acceptance		storage)	
	20 02 01	COLLEGED FRACTIONS	***************************************	13.42	11.24		occeptance	1	storuge/	

STE SUMMARY					Lic No:	W0131-02		Year 2016	
						-19.9%			
								R12-Exchange of waste for	
								submission to any of the	
								operations numbered R1 to R11	
								(if there is no other R code	
								appropriate, this can include	
								preliminary operations prior to	
								recovery including pre-	
								processing such as amongst	
		20- MUNICIPAL WASTES						others, dismantling, sorting,	
		(HOUSEHOLD WASTE AND							
								crushing, compacting,	
		SIMILAR COMMERCIAL,						pelletising, drying, shredding,	
		INDUSTRIAL AND						conditioning, repackaging,	
		INSTITUTIONAL WASTES)					Diversion of waste	seperating, blending or mixing	
		INCLUDING SEPARATELY	Commercial Mixed				stream directly to	prior to submission to any of the	
	20 03 01	COLLECTED FRACTIONS	Municipal Waste	17100.873	20507.78		disposal facility	operations numbered R1 to R11)	
	20 03 01	20- MUNICIPAL WASTES	manepar rease	17100.073	20307.78	0.9%	disposar jacinty	operations numbered na to naay	
						0.5%			
		(HOUSEHOLD WASTE AND							
		SIMILAR COMMERCIAL,							
		INDUSTRIAL AND						R13-Storage of waste pending	
		INSTITUTIONAL WASTES)						any of the operations numbered	
		INCLUDING SEPARATELY	Commercial Mixed					R1 to R12 (excluding temporary	
	20.02.01	COLLECTED FRACTIONS	Recyclable Waste	945.44	936.96				
	20 03 01	COLLECTED FRACTIONS	necyclable waste	945.44	936.96			storage)	
						-77.8%			
								R12-Exchange of waste for	
ļ								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	
		20- MUNICIPAL WASTES						others, dismantling, sorting,	
		(HOUSEHOLD WASTE AND					Baling operations	crushing, compacting,	
		SIMILAR COMMERCIAL,							
							for export ceased at	pelletising, drying, shredding,	
		INDUSTRIAL AND					the site - waste	conditioning, repackaging,	
		INSTITUTIONAL WASTES)					stream diverted to	seperating, blending or mixing	
		INCLUDING SEPARATELY	Domestic Mixed				other sites for	prior to submission to any of the	
	20 03 01	COLLECTED FRACTIONS	Municipal Waste	23476.58	41736.53		processing/ disposal	operations numbered R1 to R11)	57
		20- MUNICIPAL WASTES				4.1%	processing, empere	7,000,000,000,000,000,000,000,000,000,0	
		(HOUSEHOLD WASTE AND				4.170			
		SIMILAR COMMERCIAL,							
		INDUSTRIAL AND						R13-Storage of waste pending	
		INSTITUTIONAL WASTES)						any of the operations numbered	
		INCLUDING SEPARATELY	Domestic Mixed					R1 to R12 (excluding temporary	
ļ	20 03 01	COLLECTED FRACTIONS	Recyclable Waste	4794.01	4599.64			storage)	45
	20 03 01	20- MUNICIPAL WASTES	necyclubic vruste	4734.01	4393.04			storuge/	40
ļ						76.4%			
ļ		(HOUSEHOLD WASTE AND							
ļ		SIMILAR COMMERCIAL,							
		INDUSTRIAL AND							
ļ		INSTITUTIONAL WASTES)					Increase in market		
		INCLUDING SEPARATELY					share of LA waste	D15-Storage pending any of the	
	20.02.02		Canada Cinamaiana and 11	207.54					
	20 03 03	COLLECTED FRACTIONS	Street-Cleansing residues	387.54	91.5		stream	operations numbered D1 to D14	
ļ		20- MUNICIPAL WASTES				-33.0%			
ļ		(HOUSEHOLD WASTE AND							
ļ		SIMILAR COMMERCIAL,							
ļ		INDUSTRIAL AND							
ļ		INSTITUTIONAL WASTES)					diversion of waste		
ļ								DAS Channes and the Col	
	20.57	INCLUDING SEPARATELY					stream to third	D15-Storage pending any of the	
	20 03 07	COLLECTED FRACTIONS	Commercial Bulky Waste	766.96	1020.14		party sites	operations numbered D1 to D14	49
		20- MUNICIPAL WASTES				-22.6%			
ļ		(HOUSEHOLD WASTE AND							
ļ		SIMILAR COMMERCIAL,			I				
ļ									
		INDUSTRIAL AND							
ļ		INSTITUTIONAL WASTES)					diversion of waste		
ļ		INCLUDING SEPARATELY					stream to third	D15-Storage pending any of the	
	20 03 07	COLLECTED FRACTIONS	Domestic Bulky Waste	3183.86	3904.97		party sites	operations numbered D1 to D14	
				05.00	3304.37		p . ,		

WASTE SUMMARY	Lic No:	W0131-02	Year	2016

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

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

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

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

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

res .	
res .	
	,
es es	
res N/A	

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

VASTE SUMMARY	/				Lic No:	W0131-02		Year	2016
able 4 Environme	ental monitoring-landfill only	Landfill Manual-Monitoring Star	ndards						_
as meterological onitoring in compliance th Landfill Directive .D) standard in porting year +	Was leachate monitored in compliance with	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 Landfi	ill Manual linked above for relevant Landfill D	Directive monitoring standards							1
able 5 Capping-L	andfill only						_		
Area uncapped*	Area with temporary cap			Area with waste that should be permanently					
ELECT 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			
						SELECT SELECT			
Volume of leachate in reporting year(m3)		Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum		Specify type of leachate treatment	Comments		
							Comments		
reporting year(m3)	Leachate (BOD) mass load (kg/annum) Please ensure that all information rep	(kg/annum)	(kg/annum)	load kg/annum	Leachate treatment on-site		Comments		
	Leachate (BOD) mass load (kg/annum) Please ensure that all information rep	(kg/annum)	(kg/annum)	load kg/annum	Leachate treatment on-site		Comments		

Was surface emissions monitoring performed
Used on-site or to national grid during the reporting year? Comments

SELECT

Gas Captured&Treated by LFG System m3

Power generated (MW / KWh)



 $|\, PRTR\#: W0131 \,|\, Facility \, Name: Advanced Environmental Solutions \, (Ireland) \, Limited \,|\, Filename: W0131_2016.xls \,|\, Return \, Year: 2016 \,|\,$

10/05/2017 14:29

Guidance to completing the PRTR workbook

PRTR Returns Workbook

REFERENCE YEAR 2016 1. FACILITY IDENTIFICATION

Parent Company Name	Advanced Environmental Solutions (Ireland) Limited
Facility Name	Advanced Environmental Solutions (Ireland) Limited
PRTR Identification Number	W0131
Licence Number	W0131-02

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1 Clonmagaddan Address 2 Proudstown Address 3 Navan Address 4 Meath Country Ireland Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name AER Returns Contact Recovery of Sorted materials AER Returns Contact Email Address charlotte Greene AER Returns Contact Position AER Returns Contact Position AER Returns Contact Telephone Number 045439492 AER Returns Contact Fax Number Production Volume Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees User Feedback/Comments	A 1.1	Observation III
Address 3 Address 4 Meath Country Ireland Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name AER Returns Contact Email Address charlotte Greene AER Returns Contact Position AER Returns Contact Toesition Environmental Officer AER Returns Contact Telephone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Production Volume Units Number of Operating Hours in Year Number of Employees		
Address 4 Meath		
Meath Country Ireland Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name AER Returns Contact Email Address AER Returns Contact Position AER Returns Contact Position AER Returns Contact Telephone Number 045439492 AER Returns Contact Telephone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	Address 3	Navan
Country Ireland Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name Charlotte Greene AER Returns Contact Email Address charlotte.greene@bnm.ie AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 0877697465 AER Returns Contact Fax Number Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	Address 4	
Country Ireland Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name Charlotte Greene AER Returns Contact Email Address charlotte.greene@bnm.ie AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 0877697465 AER Returns Contact Fax Number Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees		
Coordinates of Location -6.68714 53.6705 River Basin District IEEA NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name Charlotte Greene AER Returns Contact Email Address AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 045439492 AER Returns Contact Fax Number Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees		Meath
River Basin District NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name AER Returns Contact Email Address charlotte Greene AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number O45439492 AER Returns Contact Fax Number AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	Country	Ireland
NACE Code 3832 Main Economic Activity Recovery of sorted materials AER Returns Contact Name Charlotte Greene AER Returns Contact Email Address charlotte.greene@bnm.ie AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 045439492 AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	Coordinates of Location	-6.68714 53.6705
Main Economic Activity AER Returns Contact Name AER Returns Contact Email Address AER Returns Contact Email Address AER Returns Contact Position AER Returns Contact Telephone Number 045439492 AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	River Basin District	IEEA
AER Returns Contact Name Charlotte Greene AER Returns Contact Email Address charlotte.greene@bnm.ie AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 045439492 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	NACE Code	3832
AER Returns Contact Email Address AER Returns Contact Position AER Returns Contact Telephone Number 045439492 AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	Main Economic Activity	Recovery of sorted materials
AER Returns Contact Position Environmental Officer AER Returns Contact Telephone Number 045439492 AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Name	Charlotte Greene
AER Returns Contact Telephone Number 045439492 AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Email Address	charlotte.greene@bnm.ie
AER Returns Contact Mobile Phone Number 0877697465 AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Position	Environmental Officer
AER Returns Contact Fax Number Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Telephone Number	045439492
Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Mobile Phone Number	0877697465
Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees	AER Returns Contact Fax Number	
Number of Installations Number of Operating Hours in Year Number of Employees	Production Volume	0.0
Number of Operating Hours in Year Number of Employees	Production Volume Units	
Number of Employees	Number of Installations	0
	Number of Operating Hours in Year	0
User Feedback/Comments	Number of Employees	15
	User Feedback/Comments	
Web Address http://www.aesirl.ie	Web Address	http://www.aesirl.ie

2. PRTR CLASS ACTIVITIES

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

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

3. GOLVENTO NEGGEATIONS (C.I. NO. 343 OF 201	JE)
Is it applicable?	No
Have you been granted an exemption?	
If applicable which activity class applies (as per	
Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being	
used ?	

4. WASTE IMPORTED/ACCEPTED ONTO SITE

4. WASTE INFORTED/ACCEPTED ONTO SITE	duluance on waste imported/accepted onto site
Do you import/accept waste onto your site for on-	
site treatment (either recovery or disposal	
activities) ?	

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

4.1 RELEASES TO AIR

Link to previous years emissions data

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : W0131_2016.xls | Return Year : 2016 |

10/05/2017 14:30

SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS

		Please enter all quantities in this section in KGs							
POLLUTANT			N	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	
					0.0		0.0 0.	0.0	

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

SECTION B: REMAINING PRTR POLLUTANTS

	Please enter all quantities in this section in KGs						
PO	ME	THOD	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

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

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

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

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:

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

	Advanced Environmental Solutions (Ireland) Limited				-	
Please enter summary data on the						
quantities of methane flared and / or						
utilised			Meth	od 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	0.0				0.0	(Total Flaring Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilising Capacity)
Net methane emission (as reported in Section						
A above)	0.0				N/A	
• •						

4.2 RELEASES TO WATERS

Link to previous years emissions data

PRTR#: W0131 | Facility Name: Advanced Environmental Solutions (Ireland) Limited | Filename: W0131_2016.xls | Return Year: 2016 |

10/05/2017 14:36

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS	
	-

SECTION A : SECTOR SPECIFIC PRTR POL	LUTANTS	Data on ar	nbient monitoring of	f storm/surface water or groundw	ater, conducted as part of yo	ır licenc	e requirements, should	d NOT be submitted under AE	R / PRTR Reporting as this	
		Please enter all quantities in this section in KGs								
POLLUTANT			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	

^{*} 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							
POL	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				

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

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

	RELEASES TO WATERS				Please enter all quantities in this section in KGs				
	POLLUTANT						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

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : W0'

10/05/2017 14:36

SECTION A : PRTR POLLUTANTS

SECTION A. I KIK I SEESIA	1410					_						
	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER						Please enter all quantities in this section in KGs					
	POLLUTANT		MI	ETHOD	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/Ye	ar F (Fugitive) KG/Year				
					0.0		0.0	0.0 0.0				

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

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

	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE	Please enter all quantities in this section in KGs								
	POLLUTANT		METHOD QU					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	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

4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : W0131_2016.xls | Return Year : 2016 |

10/05/2017 14:37

SECTION A: PRTR POLLUTANTS

020110111111111111111111111111111111111								
	RELEASES TO LAND	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	
					0.0	(0.0	

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

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

	RELEASES TO LAND				Please enter all quantities		
POI	LLUTANT		METHO	D			QUANTITY
			Met	nod 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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE | PRTR#: W0131 | Facility Name: Advanced Environmental Solutions (Ireland) Limited | Filename: W0131_2016.xls | Return Year: 2016 | 10/05/2017 14:38 r all quantities on this sheet in Tonnes Haz Waste : Name and ence/Permit No of Next Destinat Haz Waste: Address of Next Quantity Destination Facility Name and License / Permit No. and Actual Address of Final Destination Non Haz Waste: (Tonnes per i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY) Name and Licence/Permit No of Non Haz Waste: Address of ddress of Final Recoverer / Dispos (HAZARDOUS WASTE ONLY) Year) Method Used Recover/Disposer Recover/Disposer Waste European Waste reatmen Location of Transfer Destination Hazardous Description of Waste Method Used Code Operation Treatment Ballymount Irish Packaging Rd., Walkinstown, Dublin Within the Country 15 01 01 Nο 561.5 paper and cardboard packaging R13 M Weighed Offsite in Ireland Recycling, W0263-01 12...Ireland Thorntons Recycling MDR-Padraic Thornton Waste MRF,Unit 51 Henry Road Recycling Ltd., WFP-DC-10-Parkwest Business Within the Country 15 01 01 No 0.0 paper and cardboard packaging R13 М Weighed Offsite in Ireland 0021-02/13/MK/01 park. Dublin 12. Ireland Adamstown Hse., Towers business Pk, Wilmslow Rd MLM CAN Europe (UK),N/A Didsbury Manchester.,M20 0.0 paper and cardboard packaging Weighed TFS Reg - IRE/G022/12 2YY, United Kingdom To Other Countries 15 01 01 R13 Abroad Ballymount Irish Packaging Rd., Walkinstown, Dublin Within the Country 15 01 02 61.88 plastic packaging Offsite in Ireland Recycling, W0263-01 12,.,Ireland R13 М Weighed No Clermont Business Leinster Environmental.WI P- Pk.Haggardstown Offsite in Ireland LH-11-002-01 Dundalk.Co. Louth...Ireland Within the Country 15 01 02 0.0 plastic packaging R3 М Weighed No Unit 20.Bay road business Irish Polymer Extrusions park.Mountmellick.Co Offsite in Ireland Ltd,WFP-LS-13-0001-01 Within the Country 15 01 02 No 0.0 plastic packaging R3 М Weighed Laois Ireland Ballymount Rd., Walkinstown, Dublin Irish Packaging Within the Country 15 01 03 No 0.0 wooden packaging R13 М Weighed Offsite in Ireland Recycling, W0263-01 12 Ireland Kilmainham, Kells, Co. Within the Country 15 01 03 100.12 wooden packaging R13 М Weighed Offsite in Ireland Paddy Daly,. Meath,.,Ireland No Wilton Waste ,WFP-CN-10-Kiffagh, Crosserlough, Ballyja Within the Country 15 01 03 Nο 0.0 wooden packaging R13 М Weighed Offsite in Ireland 0005-01 mesduff,Co. Cavan,Ireland Clermont Business Leinster Environmental.WF P-Pk,Haggardstown Within the Country 15 01 03 No 0.0 wooden packaging R13 M Weighed Offsite in Ireland LH-11-002-01 Dundalk,Co. Louth,.,Ireland Wilton Waste ,WFP-CN-10-Kiffagh, Crosserlough, Ballyja Offsite in Ireland 0005-01 mesduff,Co. Cavan,Ireland Within the Country 15 01 04 No 53.34 metallic packaging R13 М Weighed Ecological Waste Clermont Business Management Ltd.,WFP-LH-Park, Haggardstown, Dundalk Within the Country 15 01 05 Offsite in Ireland 09-0004-01 Co. Louth,.,Ireland 0.0 composite packaging R13 M Weighed Nο 52 Creagh Rd.Toomebridge.Co. Antrim BT41 3SE United Glassdon Recycling, LN/08/103 To Other Countries 15 01 07 No 0.0 glass packaging R5 М Weighed Abroad Kinadom Wilton Waste ,WFP-CN-10-Kiffagh, Crosserlough, Ballyja Within the Country 16 01 03 No 0.0 end-of-life tyres R13 M Weighed Offsite in Ireland 0005-01 mesduff,Co. Cavan,Ireland **Ecological Waste** Clermont Business Management Ltd.,WFP-LH-Park, Haggardstown, Dundalk Within the Country 16 01 03 18.12 end-of-life tyres Offsite in Ireland 09-0004-01 Co. Louth,,,Ireland No R13 М Weighed gases in pressure containers other than Wilton Waste ,WFP-CN-10-Kiffagh, Crosserlough, Ballyja 0.0 those mentioned in 16 05 04 mesduff,Co. Cavan,Ireland Within the Country 16 05 05 R13 М Weighed Offsite in Ireland 0005-01 No gases in pressure containers other than Commons Lane, Navan, Co. Within the Country 16 05 05 0.9 those mentioned in 16 05 04 R13 М Weighed Offsite in Ireland Commons Fuels, Meath,,,Ireland No Moynehall, Cavan,.., Co gases in pressure containers other than Within the Country 16 05 05 0.0 those mentioned in 16 05 04 R13 Offsite in Ireland Apex Fire Ltd, Not Applicable Cavan, Ireland M Weighed Nο Rilta Environmental, W0192-03.Greenogue Business Unit 2, Duleek Bus. Park,Block Irish Metal Refineries Rathcoole Co Dublin Co. Pk Duleek Co. 402 Rathcoole Co. Within the Country 16 06 01 Yes 0.0 lead batteries R4 Weighed Offsite in Ireland IMR,WFP-09-03-01 Meath...Ireland Dublin Ireland Dublin,,,Ireland H.J. Enthoven & Sons.Licence No H.J. Enthoven & BL5598IR, Darleydale, Smelte Sons, Darleydale, Smelter Cappincur Ind Est, Daingean r South Darley, Matlock South Darley, Matlock Rd Tullamore,Co. Derbyshire, DE4 2LP, United Derbyshire / DE4 2LP

Weighed

Abroad

KMK Metals,W0113-03

Offaly,,,Ireland

Kingdom

Yes

To Other Countries 16 06 01

0.0 lead batteries

,United Kingdom

Part Control													
Part													
Transfer Deathors Court				Quantity							Haz Waste : Address of Next		
Part													
Part								Method Hood				Address of Final Recoverer / Disposer	
Part				rear)		10/		Metriod Used	-	Recover/Disposer	Recover/Disposer	(HAZARDOUS WASTE ONLY)	(HAZARDOUS WASTE ONLY)
		F W							1				
	T	European vvaste			December of Maria		N 1/0/F	Marie a delica d					
Part	Transfer Destination	Code	Hazardous		Description of waste	Operation	M/C/E	Method Used	Treatment	<u> </u>		III I Fellows 0	
Part													11.1.5.11
Column C													
To Chan Cause To Chee													
Marcin to County 19 00 1													
Wilson the County 10 10 10 10 10 10 10 1													
Min the County 10 (10	To Other Countries	16 06 01	Yes	0.0	lead batteries	R13	M	Weighed	Abroad			Kingdom	,United Kingdom
Part Court 17 17 17 17 17 17 17 1										Wilton Waste ,WFP-CN-10-	Kiffagh, Crosserlough, Ballyja		
Mark the County 17 to 10 18	Within the Country	16 06 05	No	0.0	other batteries and accumulators	R13	M	Weighed	Offsite in Ireland	0005-01	mesduff,Co. Cavan,Ireland		
Mark the County 17 to 10 18	-										Thorntons Recycling		
Within the County 17 01 01 17 01 01 01 01 01 01 01 01 01 01 01 01 01										Padraic Thornton Waste			
Miles Pool													
With the County 17 0 0 1	Within the Country	17 01 01	No	0.0) concrete	R13	M	Weighed	Offsite in Ireland				
Within the County 17 010 N N 0.00 10 06	Within the Country	17 01 01	140			1010	141	Weighted	Offsite in ficialia	recycling, vv 0044 02	10,11Clarid		
Minimar 10 10 10 10 10 10 10 1										Drehid Waste Mat	Killinagh I Inner Carbuny Co		
Mathits the County 17 0 0	Within the Country	17.01.07	No			D5	M	Weighod	Offeite in Iroland				
Second Control Contr	vviulin the Country	17 01 07	INU			KO	IVI	vv eigneu	Offisite in freiand		Middle,.,irelatio		
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Within the County 17 02 07 No													
Within the County 17 02 01 No	Within the Country	17 01 07	No	0.0	01 06	K13	M	Weighed	Offsite in Ireland				
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Within the County 17 of 42 No 0.0 all antiform the mentioned in 17 of 41 No 0.0 10 for the manuface of the manufac	Within the Country	17 03 02	No	0.0	those mentioned in 17 03 01	D5	M	Weighed	Offsite in Ireland	Facility,W0201-03	Kildare,.,Ireland		
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Within the Country 17 05 04 No 0 17 05 03 and stones other than those mentioned within the Country 17 05 04 No 0 17 05 03 and stones other than those mentioned within the Country 17 05 04 No 0 27 19 18 in 17 05 03	Mishin sha Carrata	47.05.04	NI=			DE		Watebaal	Official in Indianal				
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Within the Country 17 05 04 No 2719.18 in 17 05 03													
within the Country 17 05 04 No 2719.18 in 17 05 03 M Weighed Offsite in Ireland Offsite i	Within the Country	17 05 04	No	0.0) in 17 05 03	R13	M	Weighed	Offsite in Ireland		10,Ireland		
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Construction Cons													
Entsorgungsgesellschaft möhl & Co. Med (Ag. Ag6 (20057), Binohler Str. 57 (Sr.	Within the Country	17 05 04	No	2719.18	in 17 05 03	R13	M	Weighed	Offsite in Ireland	/01	Meath,.,Ireland		
Machine Mach												Grossenasper	
Machine Mach												Entsorgungsgesellschaft	
Machabab												mbH & Co.	
To Other Countries 17 06 05 Ves 0.0 (18) To Other Countries 17 08 02 No 0.0 (18) To Other Countries 18 04 No 0.0 (18) To Other Countries 18 04 No 0.0 (18) T													
Construction materials containing asbestos To Other Countries To Other													Rimobler Str. 57
To Other Countries 17 06 05 Yes 0.0 (18) R13 M Weighed Abroad Ltd, World 2-03 Dublim, Ireland Germany Germany 3 the Dalais The Dalai					construction materials containing asbestos					Rilta Environmental	Rathcoole Co. DublinCo.		
To Other Countries 17 08 02 No 0.0 than those mentioned in 17 08 01 Pages and properties of the right of the Countries 17 08 02 No 0.0 than those mentioned in 17 08 01 Pages and properties of the right of the Countries of the Countries of the Countries of the right of the Countries of the Count	To Other Countries	17 06 05	Yes			R13	М	Weighed	Abroad				
To Other Countries 17 08 02 No 0.0 than those mentioned in 17 08 01 Recycling Lid (BRL), LN09/113 Tyrone, United Kingdom 23 Downpatrick MacNabb Waste Road, Killough, Downpatrick Gypsum-based construction materials other mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those ment	. 5 Other Countings	00 00	. 00	0.0	(/			oignou		,		,	,
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To Other Countries 17 08 02 No 46.14 than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 129.92 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 7986.08 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 Within the Country 17 09 04 No 10 09 02 and 17 09 01, 17 No 10 00, 17 No 10	To Other Countries	17.00.02	No			D12	M	Moighod	Abroad				
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To Other Countries 17 08 02 No 46.14 than those mentioned in 17 08 01 n mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 or 17 09 04 No 129.92 09 02 and 17 09 03 No 129.92 No 129.													
within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, W0140-04 Thornton Recycling Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, W0140-04 Thornton Recycling Within the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, W044-02 R14 Thornton Waste Observation and demolition wastes other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, W0044-02 R16, Including Reauparc, Nava no Co. Meath., Ireland Thornton Recycling Weighed Offsite in Ireland Recycling, W0044-02 R16, Including R16,													
Within the Country 17 09 04 No 0.09 02 and 17 09 03 Mr. R13 Mr. Weighed Offsite in Ireland Recycling, Wol40-04 Thorntons Recycling Recycling Recycling, Wol40-04 Thorntons Recycling Recycling Recycling Recycling Recycling, Wol40-04 Thorntons Recycling Recyc	To Other Countries	17 08 02	No			R5	M	Weighed	Abroad	Ltd,LN/09/111/M	Kingdom		
Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Feeding Medicing Model on the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Feeding Medicing Medici													
mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, Would-to2 Within the Country 17 09 04 No 7986.08 09 02 and 17 09 03 R5 M Weighed Offsite in Ireland AES Lusk, Wo222-01 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland AES Lusk, Wo222-01 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland AES Lusk, Wo222-01 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans, WFP-DS-11-0002-01 Weighed Offsite in Ireland Trans, WFP-DS-11-0002-01 Dublin, Ireland Larchill Stud, Kilcock, Co.					other than those mentioned in 17 09 01, 17					Panda Waste	Rathdrinagh, Beauparc, Nava		
Mithin the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 R29.92 on their than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 mixed construction and demolition wastes of the related AES Lusk, W0222-01 publin, Ireland Stud, Rathcoole, Co. Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans, WFP-DS-11-0002-01 Dublin, Ireland Larching Stud, Kilcock, Co.	Within the Country	17 09 04	No	0.0	09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Recycling,W0140-04			
mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 within the Country 17 09 04 No 129.92 09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, Would 4-02 Blakes Cross, Coldwinters, Lusk, Co 1916, Ireland AES Lusk, Wo222-01 518, Ireland Single Gate T/A Skip Park, Rathcoole, Co. Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, Would 4-02 Blakes Cross, Coldwinters, Lusk, Co 1916, Ireland Single Gate T/A Skip Park, Rathcoole, Co. Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans, WFP-DS-11-002-01 Dublin, Ireland Larching Stud, Kilocok, Co.											Thorntons Recycling		
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Within the Country 17 09 04 No 129.92 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Recycling, W0044-02 10, Ireland Blakes Blakes Cross, Coldwinters, Lusk, Co Cross, Coldwinters, Lusk,													
mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 7986.08 09 02 and 17 09 03 R5 M Weighed Offsite in Ireland AES Lusk,W0222-01 Dublin,Ireland nixed construction and demolition wastes other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland Trans,WFP-DS-11-0002-01 Dubl	Within the Country	17 09 04	No			R13	М	Weighed	Offsite in Ireland				
other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 7986.08 09 02 and 17 09 03 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland AES Lusk,W0222-01 Weighed Offsite in Ireland Tans,WFP-DS-11-0002-01 Unblin,Ireland Tans,WFP-DS-11-0002-01 Unblin,Ireland Brunk, Co Unblin,Ireland Dublin,Ireland Dublin,Ireland Dublin,Ireland Larchill Stud,Kilcock,Co.								gou	2o.tooldild	,			
Within the Country 17 09 04 No 7986.08 09 02 and 17 09 03 R5 M Weighed Offsite in Ireland AES Lusk,W0222-01 Dublin,Ireland 518B,Greenogue Business other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland 518B,Greenogue Business Arneg Gate T/A Skip Dublin,Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland Larchill Stud,Kilcock,Co.													
mixed construction and demolition wastes 518B, Greenogue Business 518B,	Within the Country	17.00.04	No			D5	M	Weighod	Offeite in Iroland	AES Luck W0222 04			
other than those mentioned in 17 09 01, 17 Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans,WFP-DS-11-0002-01 Dublin,Ireland Larchill Stud,Kilcock,Co.	within the Country	17 09 04	INO			K3	IVI	vveigned	Onsite in Ireland	AES LUSK, WUZZZ-UT			
Within the Country 17 09 04 No 0.0 09 02 and 17 09 03 R13 M Weighed Offsite in Ireland Trans, WFP-DS-11-0002-01 Dublin, Ireland Larchill Stud, Kilcock, Co.										Arran Cata Tra Chin			
Larchill Stud,Kilcock,Co.	Marie Control	17.00.01	N1.			D40		Martin and	0"				
	within the Country	17 09 04	NO	0.0	09 02 and 17 09 03	K13	M	vveighed	Offsite in Ireland	Trans,WFP-DS-11-0002-01			
within the Country 19 U5 U3 No 0.0 off-specification compost R3 M Weighed Offsite in Ireland Enrich,WFP/MH/08/004/02. Meath,,, Ireland						-							
	within the Country	19 05 03	NO	0.0	orr-specification compost	K3	M	vveighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	weath,.,Ireland		

									Haz Waste: Name and Licence/Permit No of Next Destination	Haz Waste : Address of Next		
			Quantity						Facility Non Haz Waste:	Destination Facility	Name and License / Permit No. and	Actual Address of Final Destination
			(Tonnes per				Method Hood		Name and Licence/Permit No of	Non Haz Waste: Address of	Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	i.e. Final Recovery / Disposal Site
			Year)		Waste		Method Used	_	Recover/Disposer	Recover/Disposer	(HAZARDOUS WASTE ONLY)	(HAZARDOUS WASTE ONLY)
	European Waste				Treatment			Location of				
Transfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment	MULL MARKET ON 40	ICW - I Comment of Dellis		
Within the Country	19 12 02	No	0.0) ferrous metal	R13	М	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10- 0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Milliant Commission	40.40.00	N1.	0.40	N	D40			0": 1: 1: 1: 1: 1	Wilton Waste ,WFP-CN-10-	Kiffagh,Crosserlough,Ballyja		
Within the Country	19 12 03	No	3.12	2 non-ferrous metal	R13	М	Weighed	Offsite in Ireland	0005-01 Guessford Ltd,WFP-OY-10-	mesduff,Co. Cavan,Ireland Barnan,Daingean,.,Co		
Within the Country	19 12 07	No	0.0) wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	0183-02	Offaly,Ireland		
									Thorntons Recycling Wood			
									Chipping Facility	Oldmilltown,".",Kill,Co		
Within the Country	19 12 07	No	79.26	6 wood other than that mentioned in 19 12 06	R13	М	Weighed	Offsite in Ireland	(PDM),WFP-KE-10-0061-01 Wilton Waste ,WFP-CN-10-	Kildare,Ireland Kiffagh,Crosserlough,Ballyja		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	0005-01	mesduff,Co. Cavan,Ireland		
Mithin the Country	40.40.00	No	0.0)	R5	М	Mainhad	Officia in Indianal	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co.		
Within the Country	19 12 09	INU	0.0	O minerals (for example sand, stones) other wastes (including mixtures of	NO CO	IVI	Weighed	Offsite in freiand	raciiity,vvozo1-03	Kildare,.,Ireland		
				materials) from mechanical treatment of								
Within the Country	10 12 12	No	4378.42	wastes other than those mentioned in 19 12	D5	М	Weighed	Offeite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,.,Ireland		
Within the Country	19 12 12	INU	4370.42	other wastes (including mixtures of	Do	IVI	weighed	Offsite in freiand	raciiity,vvozo1-03	Kiluare,.,ireland		
				materials) from mechanical treatment of								
Within the Country	10 12 12	No	7535.46	wastes other than those mentioned in 19 12	R3	М	Weighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	Larchill Stud, Kilcock, Co. Meath, ,, Ireland		
within the Country	10 12 12	140	7000.40	other wastes (including mixtures of	110		Weighted	Offsite in freiding	2111011,1111111111111111111111111111111	moun,,,nound		
				materials) from mechanical treatment of					Constant	Crag		
Within the Country	19 12 12	No	0.0	wastes other than those mentioned in 19 12) 11	R13	М	Weighed	Offsite in Ireland	Greyhound Recycling,W0205-01	Avenue,Clondalkin,Dublin 22,.,Ireland		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				other wastes (including mixtures of					,			
				materials) from mechanical treatment of wastes other than those mentioned in 19 12						Carranstown, Duleek, Co.		
Within the Country	19 12 12	No	21374.76		R1	M	Weighed	Offsite in Ireland	Indaver,W0167-02	Meath,,,Ireland		
				other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					Knockharley landfill,W0146-	Knockharley Kentstown Co		
Within the Country	19 12 12	No	3188.58		D5	M	Weighed	Offsite in Ireland		Meath,.,Ireland		
				other wastes (including mixtures of						Morravell Ind		
				materials) from mechanical treatment of wastes other than those mentioned in 19 12						Merrywell Ind Est.,Ballymount,Dublin		
Within the Country	19 12 12	No	0.0) 11	R13	M	Weighed	Offsite in Ireland	Oxigen,W0208-02	22,.,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of					Padraic Thornton Waste	Thorntons Recycling Centre, Killeen		
				wastes other than those mentioned in 19 12					Disposal Ltd TA Thortons	Rd,Ballyfermot,Dublin		
Within the Country	19 12 12	No	48.48		R13	M	Weighed	Offsite in Ireland	Recycling,W0044-02	10,Ireland		
				other wastes (including mixtures of materials) from mechanical treatment of								
				wastes other than those mentioned in 19 12						Kiffagh,Crosserlough,Ballyja		
Within the Country	19 12 12	No	0.0	0 11 other wastes (including mixtures of	R13	М	Weighed	Offsite in Ireland	0005-01	mesduff,Co. Cavan,Ireland		
				materials) from mechanical treatment of								
Within the Country	10 12 12	No	0.0	wastes other than those mentioned in 19 12) 11	R13	М	Weighod	Offeito in Iroland	Panda Waste Recycling,W0140-04	Rathdrinagh, Beauparc, Nava		
Within the Country	19 12 12	140	0.0	other wastes (including mixtures of	113	IVI	Weighed	Onsite in Ireland	Necycling, WO 140-04	n Co. Meath,,,Ireland		
				materials) from mechanical treatment of					OD Agri Ltd t/a OD	Ballyboe		
Within the Country	19 12 12	No	0.0	wastes other than those mentioned in 19 12) 11	R3	М	Weighed	Offsite in Ireland	Recycling,WFP-TS-10-0002-	,Ballypatrick,Clonmel,Co. Tipperary,ireland		
are country	.0.212		0.0	other wastes (including mixtures of			o.grica	C. ISIC III II CIAIIU				
				materials) from mechanical treatment of						Blakes		
Within the Country	19 12 12	No	0.0	wastes other than those mentioned in 19 12) 11	R12	М	Weighed	Offsite in Ireland	AES Lusk,W0222-01	Cross,Coldwinters,Lusk,Co Dublin,Ireland		
			3.0	other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12						Cappancur Ind Est, Daingean Rd, Tullamore, Co		
Within the Country	19 12 12	No	0.0	0 11	R12	М	Weighed	Offsite in Ireland	AES Tullamore,W0104-03	Offaly,Ireland		
				other wastes (including mixtures of								
				materials) from mechanical treatment of wastes other than those mentioned in 19 12					Drehid Waste Mgt	Killinagh Upper,Carbury,Co.		
Within the Country	19 12 12	No	469.74		R3	M	Weighed	Offsite in Ireland	Facility,W0201-03	Kildare,.,Ireland		

									Haz Waste : Name and			
			Quantity (Tonnes per						Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of	Haz Waste: Address of Next Destination Facility Non Haz Waste: Address of	Name and License / Permit No. and Address of Final Recoverer / Disposer	Actual Address of Final Destination i.e. Final Recovery / Disposal Site
			Year)		Waste		Method Used	-	Recover/Disposer	Recover/Disposer	(HAZARDOUS WASTE ONLY)	(HAZARDOUS WASTE ONLY)
Transfer Destination	European Waste n Code	Hazardous		Description of Waste	Treatment Operation	M/C/E	Method Used	Location of Treatment				
				other wastes (including mixtures of materials) from mechanical treatment of					Drogheda Port	Tom Roes Port Facility,Baltry		
Within the Country	19 12 12	No	1563.56	wastes other than those mentioned in 19 12 11 other wastes (including mixtures of	R1	М	Weighed	Offsite in Ireland	Company,WFP-LH-11-0006- 01	Road,Drogheda,Co Louth,Ireland		
With its the Occupan	40.40.40	N.		materials) from mechanical treatment of wastes other than those mentioned in 19 12	Do	.,	West of	0%:1: 1: 1::1::1	McGill Environmental	Croom, Carrignavar, Glenville		
Within the Country	19 12 12	No	0.0	other wastes (including mixtures of materials) from mechanical treatment of	R3	М	Weighed	Offsite in Ireland		,Co. Cork,Ireland		
Within the Country	19 12 12	No	5923.02	wastes other than those mentioned in 19 12 11	D5	М	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,.,Ireland Ballynalurgan Kilmainhamwood Kells		
Within the Country	20 01 08	No	400.42	biodegradable kitchen and canteen waste	R3	М	Weighed	Offsite in Ireland	Thorntons Kilmainhamwood,W0195-02	,Kilmainhamwood,Kells,Meat h,Ireland Larchill Stud,Kilcock,Co.		
Within the Country	20 01 08	No	0.0	discarded electrical and electronic	R3	М	Weighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	Meath,.,Ireland Cappincur Ind Est,Daingean		
Within the Country	20 01 36	No	0.0	equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 discarded electrical and electronic	R13	М	Weighed	Offsite in Ireland	KMK Metals,W0113-03	Rd Tullamore,Co. Offaly,.,Ireland Unit 2,Duleek Bus.		
Within the Country	20 01 36	No	0.0	equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 discarded electrical and electronic	R13	М	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Pk.,Duleek Co. Meath,.,Ireland		
Within the Country	20 01 36	No	0.0	equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R13	М	Weighed	Offsite in Ireland	0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland Kiffagh,Crosserlough,Ballyja		
Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R13	М	Weighed	Offsite in Ireland		mesduff,Co. Cavan,Ireland Clermont Business		
Within the Country	20 01 39	No	0.0	plastics	R3	М	Weighed	Offsite in Ireland	Leinster Environmental,WFP- LH-11-002-01	Pk,Haggardstown Dundalk,Co. Louth,.,Ireland Unit 20,Bay road business		
Within the Country	20 01 39	No	5.42	plastics	R3	М	Weighed	Offsite in Ireland	Irish Polymer Extrusions Ltd,WFP-LS-13-0001-01 ROC Recycling Solutions	park,Mountmellick,Co Laois,Ireland 8A Keady Road		
To Other Countries	20 01 39	No	0.0	plastics	R13	М	Weighed	Abroad	Ltd,WMEX 22/80; WMEX 22/79	,Cornonagh,Newry,Co. Armagh BT35 9EL,Ireland Ballymount		
Within the Country	20 01 39	No	0.0	plastics	R13	М	Weighed	Onsite of generati	Irish Packaging Recycling,W0263-01	Rd.,Walkinstown,Dublin 12,.,Ireland Deepwater		
Within the Country	20 01 40	No	0.0	metals	R13	М	Weighed	Offsite in Ireland	Erin Recyclers Ltd.,WFP-SO- 11-0003-03			
Within the Country	20 01 40	No	0.0	metals	R13	М	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Pk.,Duleek Co. Meath,.,Ireland		
Within the Country	20 01 40	No	0.0	metals	R13	М	Weighed	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-09-0014-01 Wilton Waste ,WFP-CN-10-	The Murrough, Wicklow Town ,Co. Wicklow, ,Ireland Kiffagh, Crosserlough, Ballyja		
Within the Country	20 01 40	No	648.46	metals	R13	М	Weighed	Offsite in Ireland		mesduff,Co. Cavan,Ireland Kilberry,Co.		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	М	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kildare,,,,Ireland Larchill Stud,Kilcock,Co.		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	М	Weighed	Offsite in Ireland		Meath,.,Ireland Kilberry Compost		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	М	Weighed	Offsite in Ireland	Bord na Mona Horticulture Ltd Kilberry,W0198-01	Facility,Kilberry,Athy,Co Kildare,Ireland		
Within the Country	20 03 01	No	4485.34	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Tullamore,W0104-03	Cappancur Ind Est, Daingean Rd, Tullamore, Co Offaly, Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	М	Weighed	Offsite in Ireland	Mulleady Waste,W0169-01	Cloonagh, Drumlish, Co. Longford, , Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R3	М	Weighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	Larchill Stud,Kilcock,Co. Meath,.,Ireland		

Part County Cou			1				1						
Part										Haz Waste: Name and Licence/Permit No of Next Destination	Haz Waste : Address of Next		
Part										Facility Non Haz Waste:	Destination Facility		
Particle Columns Particle Co								Method Used			Non Haz Waste: Address of Recover/Disposer		
Part				rear)		Waste		Wethou Oseu		Necover/Disposer	(Necover/Disposer	(HAZARBOOS WASTE ONET)	(HAZAKBOOS WASTE ONET)
Miles Pac Country 20 (2) 11 No. 20 (2) dissed municipal water Part		European Waste							Location of				
Marie Mari	Transfer Destination	Code	Hazardous		Description of Waste	Operation	M/C/E	Method Used	Treatment				
March Le Country 20 00 10 10 10 10 10 10													
Within the Country 20 00 01 No 1964 4 mised minorice) washes R13 M Weight Chile in minorice Within the Country 20 00 01 No 20 00 minorice Minorice R13 M Weight Chile in minorice Within the Country 20 00 01 No 20 00 minorice Minorice R13 M Weight Chile in minorice Within the Country 20 00 01 No 20 00 minorice Minorice R13 M Weight Chile in minorice Within the Country 20 00 01 No 20 00 minorice Minorice R13 M Weight Chile in minorice Within the Country 20 00 01 No 20 00 minorice R13 M Weight Chile in minorice Weight	Within the Country	20.02.04	No	0.0) mixed municipal wests	D12	M	Weighod	Offsite in Iroland				
Main for County 20 3 0 1	within the Country	20 03 01	INO	0.0	mixed municipal waste	KIS	IVI	weighed	Offsite III freiafiti	Recycling, W0263-01			
Winds the Country 20 00 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0										Padraic Thornton Waste			
Within the County 2 03 001													
With the County 20 30 1 No 10 0 mixed muricipal water Discounty No No No No No No No N	Within the Country	20 03 01	No	165.44	1 mixed municipal waste	R13	M	Weighed	Offsite in Ireland		park, Dublin 12, Ireland		
Within the County 20 30 1											Clopmollon Co		
Within the County 20 20 10 No 20 30 0 No 20 0 0 mixed murricipal waste Part Within the County 20 20 10 No 20 0 0 mixed murricipal waste Part Par	Within the Country	20 03 01	No	0.0) mixed municipal waste	R13	М	Weighed	Offsite in Ireland				
Paris Marie Paris Pari	,									Drehid Waste Mgt			
Within the County 10 20 31 No 0.0 mixed municipal waste Fish No 10 0 mixed municipal waste Fish No	Within the Country	20 03 01	No	83.08	3 mixed municipal waste	D5	M	Weighed	Offsite in Ireland				
Within the Country 20 00 01 No 0.0 mised municipal waste R13 M Weighed Offsite in feetard AS Luss, W0022-01 District Minimal Resource R13 M Weighed Offsite in feetard AS Luss, W0022-01 District Minimal Resource R13 M Weighed Offsite in feetard AS Luss, W0022-01 District Minimal Resource R13 M Weighed Offsite in feetard R13 M Weighed Offsite in	William County	00.00.04	A1.	0.0	North of accordate about the	D40		Maria	000000000000000000000000000000000000000				
Within the Country 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	within the Country	20 03 01	NO	0.0	mixed municipal waste	R13	IVI	vveigned	Offsite in Ireland	Recycling, WU14U-U4			
Within the Country 20 9 0 1													
Part Wash	Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Lusk,W0222-01			
Within the Country 20 30 91 No 130 5.2 mixed municipal waste R13 M Weighed Offsite in Index Regular Worstein													
To Cither Countries 20 0.0 1	Within the Court	20.02.04	No	0.0) mixed municipal waste	D12	M	Weighod	Offsite in Iroland				
To Other Countries	within the Country	20 03 01	INO	0.0	mixed municipal waste	KIS	IVI	weigned	Offsite in freiand	Recycling, W0039-02			
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^{*} Select a row by double-clicking the Description of Waste then click the delete button