

SELECT

cells that are highlighted blue contain a dropdown menu click to select one option from the list

[guidance document link](#)

cells that contain underlined text click to access relevant guidance documents for this section

Table heading \*

table headings followed by a symbol have an associated footnote or instructions

Cells with red indicator in top right corner


cells that have a red indicator in the top right corner contain a comment box with further instructions or clarification

Please note an interpretation of results is still required. This should be entered in the additional information/comments boxes within the templates. Please size these boxes appropriately to fit your interpretation, if additional space is required please include an appendix to the AER template and merge it as part of the AER PDF document. The excel template should have all cells sized appropriately so that all text is readable before it is converted to PDF document.

Facility Information Summary	
AER Reporting Year	2017
Licence Register Number	W0131-02
Name of site	Advanced Environmental Solutions (Ireland) Ltd Navan
Site Location	Proudstown Road, Clonmagadden
NACE Code	3832
Class/Classes of Activity	Schedule 3 - Class 11, Class 12, Class 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 <b>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.</b>	<p>Operations at the facility include the receipt of domestic, commercial, industrial and construction waste. Predominantly Construction and Demolition and compositionally similar commercial and industrial mixed waste was processed at the facility in 2017. 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 wastes into a hopper which passes the waste onto a conveyor belt and into a 30mm screen trommel. C &amp; D Fines material less than 30mm are collected beneath the trommel and sent to Dredge landfill for recovery. Oversize material (&gt;50mm) leaving the trommel is passed under a magnet which removes ferrous metals. Remaining residual waste is bulked and transferred to landfill or waste to energy plants. Source segregated household waste is accepted to the facility for bulking purposes only. Household and compositionally similar commercial waste is unloaded into shed 2 from where it is bulk loaded into articulated trailers and dispatched to Indaver for energy recovery. Household and commercial dry recyclables are accepted into Shed 2 and bulk loaded for dispatch to AES Tullamore. Metals are sent to Wilton waste for further processing. The EPA attended the site for an inspection in the autumn of 2017. There were 14 observations raised during the site visit which, although not considered breaches of licence conditions.</p>

**Declaration:**

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

	<u>28.03.2018</u>
Signature Environmental Officer	Date

<b>AIR-summary template</b>	Lic No: W0131-02	Year: 2017
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Answer all questions and complete all tables where relevant

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Additional information	
Yes	

<b>Periodic/Non-Continuous Monitoring</b>	
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- 2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below
- 3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

Yes	Dust issues in 2017 were attributed to road traffic close to the facility and to the inappropriate location of dust gauges within the site boundary.
Yes	

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
D1	Total Particulates	3 times per year	350	Daily average < ELV	478	mg/m2/day	no (if no please enter details in comments box)	OTH Based on VDI 2119 Blatt 2		The licence limit was exceeded once with a result of 1002mg/m2/day.
D2A	Total Particulates	3 times per year	350	Daily average < ELV	104	mg/m2/day	yes	OTH Based on VDI 2119 Blatt 2		
D2B	Total Particulates	3 times per year	350	Daily average < ELV	152	mg/m2/day	yes	OTH Based on VDI 2119 Blatt 2		
D3A	Total Particulates	3 times per year	350	Daily average < ELV	249	mg/m2/day	yes	OTH Based on VDI 2119 Blatt 2		
D4	Total Particulates	3 times per year	350	Daily average < ELV	277	mg/m2/day	yes	OTH Based on VDI 2119 Blatt 2		

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

<b>AIR-summary template</b>		Lic No:	W0131-02	Year	2017
<b>Continuous Monitoring</b>					

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below  NOT APPLICABLE

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?  NOT APPLICABLE

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below  NOT APPLICABLE

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

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

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

**Table A3: Abatement system bypass reporting table**

[Bypass protocol](#)

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

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

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

<b>AIR-summary template</b>		Lic No: W0131-02	Year: 2017					
<b>Solvent use and management on site</b>								
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5			No					
<b>Table A4: Solvent Management Plan Summary Total VOC Emission limit value</b>		<a href="#">Solvent regulations</a> Please refer to linked solvent regulations to complete table 5 and 6						
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input					
			Total Emission Limit Value (ELV) in licence or any revision thereof					
			SELECT					
			SELECT					
<b>Table A5: Solvent Mass Balance summary</b>								
	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite	Total emission of Solvent to air (kg)
								Total

**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)** Lic No: W0131-02 Year 2017

Additional information	
Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	No All storm water and foulwater is collected onsite into underground tanks and tankered to an offsite Waste water treatment plant
Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	No

**Table W1 Storm water monitoring**

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments	
Location Reference	Date of inspection	Description of contamination				Source of contamination	Corrective action	Comments			
						SELECT					

Emission reference no:	Emission released to	Parameter/ Substance>Note 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof** 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	pH	discrete	Quarterly	SELECT	N/A	No pH value shall deviate from the specified range.	6.4	µS/cm@25oC	Yes	pH meter (electrode)	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Total organic carbon (TOC) (as total C or COD/3)	discrete	Quarterly	SELECT	N/A	All values < ELV	605.0	mg/L	Yes	Furnace Digestion	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	BOD	discrete	Quarterly	SELECT	N/A	All values < ELV	1265.5	mg/L	Yes	Dissolved Oxygen Meter (electrode)	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	COD	discrete	Quarterly	SELECT	N/A	All values < ELV	2095.5	mg/L	Yes	Closed reflux method	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Suspended Solids	discrete	Quarterly	SELECT	N/A	All values < ELV	261.5	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Sulphate	discrete	Quarterly	SELECT	N/A	All values < ELV	186.5	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	6.4	µg/L	Yes	ICPMS	US EPA			
EMS	Wastewater/ Sewer	Zinc and compounds (as Zn)	discrete	Quarterly	SELECT	N/A	All values < ELV	114.2	µg/L	Yes	ICPMS	US EPA			
EMS	Wastewater/ Sewer	Fats, Oils and Greases	discrete	Quarterly	SELECT	N/A	All values < ELV	7.0	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			
EMS	Wastewater/ Sewer	Diesel range organics	discrete	Quarterly	SELECT	N/A	All values < ELV	2432.7	µg/L	Yes	GC/FID	US EPA			
EMS	Wastewater/ Sewer	Mineral oils	discrete	Quarterly	SELECT	N/A	All values < ELV	0.4	µg/L	Yes	GC/FID	US EPA			
EMS	Wastewater/ Sewer	Detergents (as MBAS)	discrete	Quarterly	SELECT	N/A	All values < ELV	0.9	mg/L	Yes	Gravimetric Analysis	APHA / AWWA "Standard Methods"			

Note 1: Volumetric flow shall be included as a reportable parameter  
 Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

**AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)** Lic No: W0131-02 Year 2017

**Continuous monitoring**

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

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  Not Applicable

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?  Not Applicable

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below  Not Applicable

**Table W4: Summary of average emissions -continuous monitoring**

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

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

**Table W5: Abatement system bypass reporting table**

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B1 below listing all new bunds and containment structures on site, in addition to all bunds which failed the integrity test: all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period (mobile bunds and chemstore included)

Yes	
3 years	
No	
12	
12	
11	
Yes	
11	Bund and tank integrity testing was carried out in 2016
2	
2	
No	
N/A	

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

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Nav_B1_Main Diesel Tank	Reinforced concrete		Road Diesel	30000	18920	Hydraulic test		15/03/2016	Yes	Pass		SELECT		
Nav_B2_Diesel Pump House	General purpose concrete/masonry		Road Diesel Dispenser	163	Not Applicable - Dispenser	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B3_Diesel Pumphouse	Prefabricated	Plastic	Oils, Lube Oil	350		Hydraulic test		15/03/2016	Yes	Pass				
Nav_B4_Detergents	Prefabricated		Detergents	440	400	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B5_Green Oil Bund	Prefabricated		Green Diesel	2250	1144	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B6_Blue Storage_Workshop	Prefabricated		Workshop	3168	140	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B7_Black Plastic_Workshop	Prefabricated	Plastic	Lube Oil, Hydraulic Oils	320	225	Hydraulic test		15/03/2016	Yes	Pass		SELECT		
Nav_B8_Grey Battery_Workshop	Prefabricated	Plastic	Batteries	580	160	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B9_Paint Bund_Fabrication Shed	Prefabricated	Metal	Paint	920	353	Hydraulic test		15/03/2016	Yes	Pass		SELECT		
Nav_B10?						Hydraulic test		15/03/2016	Yes	Pass				
Nav_B11_Yellow Bund_Adlblue	Prefabricated	Plastic	Ad Blue	1400	1100	Hydraulic test		15/03/2016	Yes	Pass				
Nav_B12_Blue Hydraulic Oil Bund	Prefabricated	Metal	Hydraulic Oil bund	850	220	Hydraulic test		15/03/2016	Yes	Pass				

\*Capacity required should comply with 25% or 100% containment rate as detailed in your licence

- Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA guidance?
- Are channels/transfer systems to remote containment systems tested?
- Are channels/transfer systems compliant in both integrity and available volume?

[bundling and storage guidelines](#)

Commentary	
Yes	
SELECT	NOT Applicable
SELECT	NOT Applicable

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing\* on underground structures e.g. pipelines or sumps etc? If yes please fill out table 2 below listing all underground structures and pipelines on site which failed the integrity test and all which have not been tested within the integrity test period as specified

Yes	
3 years	

- Please provide integrity testing frequency period
- \*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
NAV_Tank1_Oil Interceptor1 (adjacent to the Bin wash Area)	Process	concrete	No	SELECT	Hydraulic	Yes	Pass				SELECT
Oil Interceptor 2 Silt Chamber (Rear of Workshop)	Storm	concrete	No		Hydraulic	Yes	Fail	The failure is due to water escaping between the outlet pipe and the tank wall on the second chamber. As both tanks are linked via turned down pipes if one tank fails then both tanks fail. It is recommended that both tanks are pumped down and washed for visual inspection. All joints within the tank especially between the pipes and the tank wall should be sealed.			
oil Interceptor 2 Filter Chamber (Rear of Workshop)	Foul	concrete	No		Hydraulic	Yes	Pass				
Bin wash Holding Tank	Foul	concrete	No		Hydraulic	Yes	Fail	Seal around outlet pipe requires replacement			

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



<b>Groundwater/Soil monitoring template</b>	Lic No: W0131-02	Year: 2017
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		Comments
1 Are you required to carry out groundwater monitoring as part of your licence requirements?	yes	Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretation as an additional section in this AER
2 Are you required to carry out soil monitoring as part of your licence requirements?	no	
3 Do you extract groundwater for use on site? If yes please specify use in comment section	no	
4 Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	no	A Tier III Assessment was submitted to the Agency in 2015. this assessment is still under Review with the Agency and any further developments regarding the site remediation remains on hold until a decision is made.
5 Is the contamination related to operations at the facility (either current and/or historic)	no	
6 Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	yes	
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 assessment been carried out for the site?	yes	
10 Has a Conceptual Site Model been developed for the site?	yes	
11 Have potential receptors been identified on and off site?	yes	
12 Is there evidence that contamination is migrating offsite?	no	

**Table 1: Upgradient Groundwater monitoring results**

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

.\* where average indicates arithmetic mean

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

## Groundwater/Soil monitoring template

Lic No:

W0131-02

Year

2017

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	IGV	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Biannually	Kilsaran Well	pH	APHA 2012 4500 H&B	Biannually	7.9	7.85	pH Units	-	≥6.5 and ≤9.5	no
Biannually	Kilsaran Well	Conductivity	APHA 2012 2510B	Biannually	825	767.5	µS/cm@25oC	800 – 1875	1000	no
Biannually	Kilsaran Well	COD	APHA,2012 5220D	Biannually	0	<10	mg/l	–	–	no
Biannually	Kilsaran Well	Chloride	APHA 2012 4500-CL-E	Biannually	26	25	mg/l	187.5	30	no
Biannually	Kilsaran Well	Sulphate	APHA 2012 4110B	Biannually	63	62.5	mg/l	187.5	200	no
Biannually	Kilsaran Well	Ammonia as N	APHA 2012 4500-NH3 and bluebook Ammonia in waters 1981	Biannually	0.12	0.09	mg/l	0.065-0.175	0.15	no
Biannually	Kilsaran Well	Total Nitrogen		Biannually	0	<1	mg/l			no
Biannually	Kilsaran Well	Nitrate	APHA 2012 4500-NO <sub>2</sub> B. Colorimetric Method	Biannually	0.32	0.28	mg/l	37.5	25	no
Biannually	Kilsaran Well	VOC's	GC-FID, GC-MS Based on USEPA 524.2 method	Biannually	0	<1	ug/l	–	–	no
Biannually	Kilsaran Well	Total Coliforms	MTM025	Biannually	1	<1	cfu / 100 ml	0	0	no
Biannually	Kilsaran Well	Faecal Coliforms	MTM025	Biannually	0	<1	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 Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.

[Groundwater monitoring template](#)

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)

[Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\)](#)

\*\*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](#) [\(private supply\)](#) [\(public supply\)](#) [Values](#)  
[water EQS](#) [GTV's](#) [standards](#) [standards](#) [\(IGV\)](#)

**Groundwater/Soil monitoring template** Lic No: W0131-02 Year 2017

**Table 3: Soil results**

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

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

<b>Environmental Liabilities template</b>	Lic No:	W0131-02	Year	2017
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[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

		Commentary
1	ELRA initial agreement status	ELRA agreed with Agency in 2015 however this was based on that processing model of the time where MSW was being processed on site and sent out as baled RDF. This activity ceased in Jan 2016 and as such a revised ELRA is required.
2	ELRA review status	Submitted and agreed by EPA
3	Amount of Financial Provision cover required as determined by the latest ELRA	Review required and not completed;
4	Financial Provision for ELRA status	€756,093.75
5	Financial Provision for ELRA - amount of cover	Submitted and agreed by EPA
6	Financial Provision for ELRA - type	€756,093.75
7	Financial provision for ELRA expiry date	bond
		12/06/2017
8	Closure plan initial agreement status	DMP agreed with Agency in 2015 however this was based on the presumed storage of 600tonnes of RDF onsite. This activity is no longer taking place and therefore the DMP costing needs to be reviewed to reflect this
9	Closure plan review status	Closure plan submitted and agreed by EPA
10	Financial Provision for Closure status	Review required and not completed
11	Financial Provision for Closure - amount of cover	Submitted and agreed by EPA
12	Financial Provision for Closure - type	€963,501
13	Financial provision for Closure expiry date	bond
		12/06/2017

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0131-02	Year	2017
Highlighted cells contain dropdown menu click to view			Additional Information		
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	The Licensee holds a fully NSAI accredited Integrated Management System incorporating Environmental (to ISO 14001:2004), Health & Safety (OHSAS 18001) and Quality (ISO9002:2000). These management systems are maintained through onsite cooperation with the environmental officers and dedicated systems coordinators. They are audited on a bi-annual basis internally and externally on an annual basis.		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	Yes an aspects register is maintained on site and updated on an annual review basis		
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in	Yes	Yes Environmental objectives and targets are set on an annual		
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 view by members of the public at the facility if requested		

#### Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	Recovery rates through onsite processing was set to be increased to 90% in 2017	100	In 2018 Navan recovered 97 of waste, with only 1600 tonnes sent to landfill for disposal. The target for 2018 is 99% recovery.	Individual	Improved Environmental Management Practices
Reduction of emissions to Air	Eliminate the frequency of breach of dust ELVs	80	Replacement of gravel fill at truck parking with clean washed 2" Down stone.	Individual	Reduced emissions
Energy Efficiency/Utility conservation	10% reduction of fuel usage in 2017	20	Re Route for Navan town scheduled for 2018	Individual	Reduced emissions
Groundwater protection	Implement the findings of the EPA decision on the Tier III Risk Assessment	0	AES Await the Agencys decision on the TIER III assessment	Individual	Remediation of contamination on site
Materials Handling/Storage/Bunding	Continual Improvement to hardstand areas on site.	25	In 2017 repairs to the following areas were completed 1. Floor waste shed 1, 2. bin wash area, in 2018 the following areas are scheidung for repair 1. truck parking area, 2. skip drop area.	Section Head	Installation of infrastructure

## Noise monitoring summary report

Lic No: W0131-02      Year

2017

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

Yes

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

Yes

- 3 Does your site have a noise reduction plan

No

- 4 When was the noise reduction plan last updated?

Not Applicable

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

No

**Table N1: Noise monitoring summary**

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location - NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
31/08/2017	30 min	N1		56	58	40	79	No	No	<b>Site:</b> Continuous hum from trommel. Cars entering/exiting the car park. Trucks/ machinery moving around the site and associated reversing tones. Pest control alarm intermittently audible. Banging of skips being loaded/offloaded.	No
31/08/2017	30 min	N1		54	54	46	76	No	No	<b>Background:</b> Passing traffic on the Proudstown Ind. Est. Rd (5m) and R162. Crows perched in overhead trees – exceedance round 1.	Yes
31/08/2017	30 min	N1		52	51	43	75	No	No		Yes
31/08/2017	30 min	N2		53	54	43	79	No	No	<b>Site:</b> Continuous low hum of operations within reception shed. Occasional traffic movement about site. Occasional low level event noise from nearby workshop (cutting, grinding, hammering etc.) Idle engines at weighbridge.	Yes
31/08/2017	30 min	N2		54	54	47	79	No	No	<b>Background:</b> Overhead crows cawing. Vehicles entering/exiting Kilsaran Facility. Reversing tones and beeping from machinery entering the Kilsaran facility. Continuous hum from machinery in Kilsaran.	Yes
31/08/2017	30 min	N2		52	55	45	70	No	No		Yes

31/08/2017	30 min	N3		45	46	41	66	No	No	Site: Occasional lorries passing (30-40m). Movement of heavy plant machinery within site and reversing tones clearly audible on occasion. Activity in reception shed and bird deterrent audible. Skips banging occasionally. Occasional low level event noise from nearby workshop (cutting, grinding, hammering etc.) Background: Crows cawing and birds singing in mature hedgerow.	Yes
31/08/2017	30 min	N3		45	47	41	71	No	No		Yes
31/08/2017	30 min	N3		45	49	38	61	No	No		Yes
31/08/2017	30 min	N4		61	62	48	86	No	No	Site: Continuous hum of operations within main shed. Traffic movement about site. Lorries unloading RoRo skips (40m approx) with engines running at high revs. Reversing beacons, generator audible. Background: Birds singing and crows audible. Traffic on Proudstown road audible on occasion.	No
31/08/2017	30 min	N4		59	62	52	84	No	No		No
31/08/2017	30 min	N4		56	60	35	84	No	No		No
31/08/2017	30 min	N5	Yes	45	49	35	66	No	No	Site: Not audible from this monitoring location. Background: Vehicles passing in close proximity to the meter. Traffic on R162 and Proudstown road occasionally faintly audible. Works associated with the crèche audible. Maintenance of the GAA grounds in progress. Car alarm soundings.	Yes
31/08/2017	30 min	N5	Yes	46	48	37	64	No	No		Yes
31/08/2017	30 min	N5	Yes	49	49	37	79	No	No		Yes
31/08/2017	30 min	N6	Yes	51	54	46	66	No	No	Site: Not audible from this monitoring location. Background: Birds singing and crows audible. Traffic associated with a residential area audible. Children playing in close proximity to the meter. Dogs barking audible on occasion. Grass cutting. Traffic entering/exiting housing estate (40m). Traffic on Clonmagadden Rd occasionally audible.	Yes
31/08/2017	30 min	N6	Yes	49	51	43	75	No	No		Yes
31/08/2017	30 min	N6	Yes	45	48	40	66	No	No		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)

- When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information
- Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

Yes
SELECT

Additional information

AES is a subsidiary of Bord na Mona . AES are taking part of the SEAI Energy Management scheme for Government bodies and working with SEAI to roll out a certified Energy Management System to ISO50001. Working towards certification in 2017

Energy Use	Previous year (2016)	Current year (2017)	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	143.13	137.87		
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
Electricity Consumption (MWHrs)	138.3	133.38		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)	474.732	441.731		
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

	2016	2017
DERV	351853	337065
Gas Oil	118950	101912
Kerosene	3929	2754
	3577.993157	3427.613985
	1209.12675	1035.93548
	38.586709	27.047034
	4825.706616	4490.596499
	4.825706616	4.490596499

\* 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

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

2017

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

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

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

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

<b>Complaints and Incidents summary template</b>		Lic No:	W0131-02	Year	2017
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Complaints		Additional information
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below		No

Table 1 Complaints summary							
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
	SELECT				SELECT		
	SELECT				SELECT		
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		Additional information
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below		Yes
*For information on how to report and what constitutes an incident		<a href="#">What is an incident</a>

Table 2 Incidents summary														
Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurrence
18/10/2016	Breach of ELV	Licensed discharge point (D2A, D4)	1. Minor	Air	Other (add details)	Offsite generation	Normal activities	EPA	Recurring	Site manager instructed to ensure yard sweeping is increased and all dust locations reviewed	Updated 03-03-17 Adverse weather due to leaf fall from trees contaminating some perimeter samples. Dust location reviewed and D2A decommissioned as it was sited in teh centre of the yard. a boundary lcoation D2B was chosen and agreed by the Agency in 2017.	Complete	31/01/2017	Medium
18/10/2016	Fire	Other location (Admin offices)	1. Minor	Air	Other (Electrical fault while charging mobile bin chip scanner)		Other (Saturday -n	EPA	New	The yard supervisor detected the fire and initiated emergency fire response procedures on site. The fire was extinguished using on site fire extinguishers.	All barcode scanners PAT tested. No charging while building unmanned. Conduct refresher ERP training for all staff	Complete	30/06/2017	Low
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of incidents current year														2
Total number of incidents previous year														2
% reduction/ increase														

WASTE SUMMARY		Lic No:	W0131-02	Year	2017
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		PRTR facility logon		dropdown list click to see options	

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

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility?; (waste generated within your boundaries is to be captured through PRTR reporting)

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

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

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
95000	02 05 01	02- WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Materials from the Dairy industry unsuitable for consumption or processing	142.4	215.7	-51.5%	Increase in waste stream from manufacturing plant		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
95000	03 01 05	03- WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD	Sawdust, shavings, cuttings, wood, particle board and veneer	7.12	5.66	20.5%	Decrease in waste stream accepted to facility from manufacturer		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
95000	04 02 22	04- WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES	Waste from processed textile fabrics	244.04	128.92	47.2%	Increase in waste stream from manufacturing plant		R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
95000	11 01 10	11- WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY	Sludges and filter cakes	18.66	0	100.0%	New waste stream		D15-Storage pending any of the operations numbered D1 to D14		
95000	15 01 01	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Paper and cardboard packaging	662.5	559.68	15.5%	Increase in waste stream from commercial, industrial and retailers	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	20	
95000	15 01 02	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Plastic Packaging	34.6	69.72	-101.5%	reduction in waste stream from commercial/retail customers	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
95000	15 01 03	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Wooden packaging	306.34	468.49	-52.9%	Increase in waste stream from commercial, industrial and retailers	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)		
95000	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Metallic packaging	2.68	1.58	41.0%	Increase in waste stream from commercial, industrial and retailers	100%	R4- Recycling/reclamation of metals and metal compounds	0	

Additional Information

Yes	
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No	
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No	
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WASTE SUMMARY		Lic No: W0131-02		Year: 2017						
95000	15 01 05	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Composite packaging	0	0.68	-100.0%	waste stream was not received into site	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Commercial Glass packaging	4.32	6.42	-48.6%	Reduction in waste material	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Domestic Glass packaging	196.24	112.84	42.5%	Reduction in waste material	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0
	16 01 03	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	End-of-Life Tyres	537.54	18.58	96.5%	Increase in waste stream due to introduction of REPAK ELT	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	10
	16 01 20	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Windscreen Glass from ELVs	19.1	25.04	-31.1%	Reduction in waste material	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	16 03 06	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Non-hazardous Organic wastes (off specification batches and unused products)	5.88	5.36	8.8%	no significant change	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	17 01 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Concrete C&D	86.96	20.46	76.5%	New waste stream	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	75
	17 01 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Non-hazardous mixture of concrete, bricks, tiles and ceramics	253.84	340.08	-34.0%	Waste material diverted back to facility for logistical reasons	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	17 02 01	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Wood from C&D sources	56.72	47.78	15.8%	More accurate waste reporting	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	20
	17 03 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Non-hazardous bituminous mixtures	0	57.56	#DIV/0!	Waste material diverted back to facility for logistical reasons	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
	17 04 07	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed C&D Metals	0	2.66	#DIV/0!	More accurate waste reporting	0%	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (If there is no other R code appropriate, this can include preliminary operations prior to recovery including pre- processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	
	17 05 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Soil & Stone	310.58	774.06	-149.2%	Waste material diverted back to facility for logistical reasons	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0

WASTE SUMMARY		Lic No:		W0131-02		Year		2017		
	17 06 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Insulation materials (non-Hazardous) other than 170601 and 170603	73.45	53.92	26.6%	Waste material diverted away from facility to third parties	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
	17 08 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Gypsum-based construction materials other than those mentioned in 17 08 01*	116.96	39.84	65.9%	Waste material diverted away from facility to third parties	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	0
	17 09 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Mixed Construction & Demolition wastes (non-hazardous)	14780.27	11807.36	20.1%	Waste material diverted back to facility for logistical reasons	R5-Recycling/reclamation or other inorganic materials which includes soil capping resulting in recovery of the soil and recycling of inorganic construction materials	0%	
	18 01 04	18- WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate RESEARCH (except kitchen and restaurant wastes not arising from immediate health care))	Non-Hazardous Healthcare Wastes	6.66	29.1	-336.9%	Waste material diverted back to facility for logistical reasons	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	
	19 08 01	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Screenings (wastes from waste water treatment plants not otherwise specified)	336.9	407.6	-21.0%		D15-Storage pending any of the operations numbered D1 to D14	0%	
	19 12 02	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Mechanically separated Ferrous Metals	18.98	0	100.0%	New waste stream	R12-Exchange of waste for submission to any of the operations numbered R1 to R11 (if there is no other R code appropriate, this can include preliminary operations prior to recovery including pre-processing such as amongst others, dismantling, sorting, crushing, compacting, pelletising, drying, shredding, conditioning, repackaging, separating, blending or mixing prior to submission to any of the operations numbered R1 to R11)	0%	10
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	C & D Fines	82.418	0	100.0%	New waste stream	R5-Recycling/reclamation or other inorganic materials which includes soil capping resulting in recovery of the soil and recycling of inorganic construction materials	0%	
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Waste From Mechanical Treatment - Organic Fines for Disposal	0	13.84	#DIV/0!	Waste material diverted back to facility for logistical reasons	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0%	14

WASTE SUMMARY		Lic No:		W0131-02		Year		2017	
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Waste From Mechanical Treatment - MSW for Recovery	399.8	0	100.0%		15%	D15-Storage pending any of the operations numbered D1 to D14
	19 12 12	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Waste from Mechanical Treatment (Overs Greater 60)	221.4	237.18	-7.1%	New waste stream	0%	D15-Storage pending any of the operations numbered D1 to D14
	20 01 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Paper and Cardboard	30.6	0	100.0%	New waste Stream	20%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 02	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Glass	1.58	0	100.0%		0%	R5-Recycling/reclamation or other inorganic materials which includes soil celaning resulting in recovery of the soil and recycling of inorganic construction materials
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Commercial biodegradable kitchen and canteen waste	61.2	105.6	-72.5%	Reduction in waste stream from customers and diversion of waste steam to third party facilities	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 08	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic biodegradable kitchen and canteen waste	776.55	394.86	49.2%	Reduction in waste stream from household customers and diversion of waste steam to third party facilities	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 38	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Wood	196.26	177.8	9.4%		0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 39	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Plastic	12.98	11.32	12.8%	Diversion of waste stream directly to more appropriate facility	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)
	20 01 40	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Municipal Metals	100.48	257.56	-156.3%	Diversion of waste stream directly to more appropriate facility	0%	R4- Recycling/reclamation of metals and metal compounds
	20 02 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Biodegradable wastes (from garden and Park wastes)	28.7	15.42	46.3%	Increase in waste acceptance	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)

WASTE SUMMARY		Lic No:		W0131-02		Year		2017		
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Commercial Mixed Municipal Waste	13626.64	17100.873	-25.5%	Diversion of waste stream directly to disposal facility	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	5
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Commercial Mixed Recyclable Waste	811.36	945.44	-16.5%		44%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	2.5
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic Mixed Municipal Waste	15289.44	23476.58	-53.5%	Baling operations for export ceased at the site - waste stream diverted to other sites for processing/ disposal	15%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	5
	20 03 01	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic Mixed Recyclable Waste	5036.64	4794.01	4.8%		44%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	2.5
	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Street-Cleansing residues	18.14	387.54	-2036.4%	Increase in market share of LA waste stream	0%	D15-Storage pending any of the operations numbered D1 to D14	
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Commercial Bulky Waste	860.68	766.96	10.9%	diversion of waste stream to third party sites	10%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	49
	20 03 07	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Domestic Bulky Waste	3441.4	3183.86	7.5%	diversion of waste stream to third party sites	10%	D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12	





<b>WASTE SUMMARY</b>	Lic No:	W0131-02	Year	2017
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**Table 4 Environmental monitoring-landfill only** [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under SS3(A)(5) of WMA been submitted in reporting year	Comments

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

**Table 5 Capping-Landfill only**

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

\*please note this includes daily cover area

**Table 6 Leachate-Landfill only**

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

SELECT

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

SELECT

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

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

**Table 7 Landfill Gas-Landfill only**

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : w0131\_2017.xls | Return Year : 2017 |

25/04/2018 11:44

Please enter all quantities on this sheet in Tonnes

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Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	15 01 01	No	716.7	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Rd.,Walkinstown,Dublin 12.,Ireland		
Within the Country	15 01 01	No	0.0	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Recycling Ltd.,WFP-DC-10-0021-02/13/MK/01	Thorntons Recycling MDR-MRF,Unit 51 Henry Road ,Parkwest Business park,Dublin 12,Ireland		
To Other Countries	15 01 01	No	0.0	paper and cardboard packaging	R13	M	Weighed	Abroad	MLM CAN Europe (UK),N/A TFS Reg - IRE/G022/12	Didsbury Manchester.,M20 2YY,United Kingdom		
Within the Country	15 01 02	No	43.62	plastic packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Rd.,Walkinstown,Dublin 12.,Ireland		
Within the Country	15 01 02	No	0.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Leinster Environmental,WFP-LH-11-002-01	Clermont Business Park,Haggardstown Dundalk,Co. Louth.,Ireland		
Within the Country	15 01 02	No	0.0	plastic packaging	R3	M	Weighed	Offsite in Ireland	Irish Polymer Extrusions Ltd,WFP-LS-13-0001-01	Unit 20,Bay road business park,Mountmellick,Co Laois,Ireland		
Within the Country	15 01 03	No	0.0	wooden packaging	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Rd.,Walkinstown,Dublin 12.,Ireland		
Within the Country	15 01 03	No	16.64	wooden packaging	R13	M	Weighed	Offsite in Ireland	Paddy Daly., Wilton Waste ,WFP-CN-10-0005-01	Meath.,Ireland		
Within the Country	15 01 03	No	0.0	wooden packaging	R13	M	Weighed	Offsite in Ireland	Leinster Environmental,WFP-LH-11-002-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	15 01 04	No	0.0	metallic packaging	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Clermont Business Park,Haggardstown,Dundalk Co. Louth.,Ireland		
Within the Country	15 01 05	No	0.0	composite packaging	R13	M	Weighed	Offsite in Ireland	Ecological Waste Management Ltd.,WFP-LH-09-0004-01	52 Creagh Rd,Toomebridge,Co. Antrim,BT41 3SE,United Kingdom		
To Other Countries	15 01 07	No	0.0	glass packaging	R5	M	Weighed	Abroad	Glassdon Recycling,LN/08/103			
Within the Country	15 01 07	No	189.5	glass packaging	R5	M	Weighed	Offsite in Ireland	Johmick Ltd (Batt Enterprises),WFP?FG?1370 001-02	Borranstown.,Ashbourne,Co Meath,Ireland		
Within the Country	15 01 07	No	0.0	glass packaging	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	16 01 03	No	0.0	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Oristown Autorecyclers,WFP-MH-10-0001-01	Oristown.,Kells,Co Meath,Ireland		
Within the Country	16 01 03	No	526.32	end-of-life tyres	R4	M	Weighed	Offsite in Ireland	Combesgate Ireland Ltd,WFP-LH-15-0002-01	Donore Road Industrial Estate,Donore Road,Drogheda,Co Louth,Ireland		
Within the Country	16 01 03	No	6.46	end-of-life tyres	R13	M	Weighed	Offsite in Ireland	Ecological Waste Management Ltd.,WFP-LH-09-0004-01	Clermont Business Park,Haggardstown,Dundalk Co. Louth.,Ireland		
Within the Country	16 05 05	No	0.0	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	16 05 05	No	1.1	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Commons Fuels.,	Meath.,Ireland		
Within the Country	16 05 05	No	0.0	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Apex Fire Ltd,Not Applicable	Moynehall,Cavan.,Co Cavan,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	16 06 01	Yes	0.0	lead batteries	R4	M	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Unit 2,Duleek Bus. Pk.,Duleek Co. Meath,..Ireland	Rilta Environmental,W0192-03,Greenogue Business Park,Block 402,Rathcoole,Co. Dublin,Ireland H.J. Enthoven & Sons,Licence No BL5598IR,Darleydale,Smelter South Darley,Matlock Derbyshire,DE4 2LP ,United Kingdom	Rathcoole Co. Dublin,..Co. Dublin,..Ireland H.J. Enthoven & Sons,Darleydale,Smelter South Darley,Matlock Derbyshire / DE4 2LP ,United Kingdom
To Other Countries	16 06 01	Yes	0.0	lead batteries	R13	M	Weighed	Abroad	KMK Metals,W0113-03	Cappincur Ind Est,Daingean Rd Tullamore,Co. Offaly,..Ireland	Derbyshire,DE4 2LP ,United Kingdom H.J. Enthoven & Sons,Licence No BL5598IR,Darleydale,Smelter South Darley,Matlock Derbyshire,DE4 2LP ,United Kingdom	H.J. Enthoven & Sons,Darleydale,Smelter South Darley,Matlock Derbyshire / DE4 2LP ,United Kingdom
To Other Countries	16 06 01	Yes	0.0	lead batteries	R13	M	Weighed	Abroad	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland	Derbyshire,DE4 2LP ,United Kingdom	Sons,Darleydale,Smelter South Darley,Matlock Derbyshire / DE4 2LP ,United Kingdom
Within the Country	16 06 05	No	0.0	other batteries and accumulators	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland	Thorntons Recycling Centre,Killeen Rd,Ballyfermot,Dublin 10,Ireland	
Within the Country	17 01 01	No	0.0	concrete mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06	R13	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Disposal Ltd TA Thorntons Recycling,W0044-02	Killinagh Upper,Carbury,Co. Kildare,..Ireland		
Within the Country	17 01 07	No	0.0	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 01	R5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Harristown,WFP/MH/10/000 4/01		
Within the Country	17 01 07	No	0.0	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 01	R13	M	Weighed	Offsite in Ireland	Harristown,WFP/MH/10/000 4/01	Harristown,Navan,Co. Meath,..Ireland		
Within the Country	17 01 07	No	0.0	01 06 mixture of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 01	R13	M	Weighed	Offsite in Ireland	AES Lusk,W0222-01	Blakes Cross,Coldwinters,Lusk,Co Dublin,Ireland		
Within the Country	17 02 01	No	758.74	wood bituminous mixtures containing other than those mentioned in 17 03 01	R12	M	Weighed	Offsite in Ireland	McKinstry Skip Hire Ltd,LN/16/16	81-83 Belfast Road,Nutts Corner,Crumlin,Antrim BT29 4TL,United Kingdom		
Within the Country	17 03 02	No	0.0	those mentioned in 17 03 01	D5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,..Ireland		
Within the Country	17 04 02	No	0.0	aluminium cables other than those mentioned in 17 04 01	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	17 04 11	No	3.84	10 cables other than those mentioned in 17 04 01	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff,Co. Cavan,Ireland		
Within the Country	17 04 11	No	0.0	10 soil and stones other than those mentioned in 17 05 03	R13	M	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Unit 2,Duleek Bus. Pk.,Duleek Co. Meath,..Ireland		
Within the Country	17 05 04	No	0.0	in 17 05 03 soil and stones other than those mentioned in 17 05 03	R5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,..Ireland		
Within the Country	17 05 04	No	0.0	in 17 05 03 soil and stones other than those mentioned in 17 05 03	R13	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Disposal Ltd TA Thorntons Recycling,W0044-02	Thorntons Recycling Centre,Killeen Rd,Ballyfermot,Dublin 10,Ireland		
Within the Country	17 05 04	No	566.72	in 17 05 03 soil and stones other than those mentioned in 17 05 03	R13	M	Weighed	Offsite in Ireland	Damian Fitzsimon Harristown,WFP/MH/10/000 4/01	Harristown,Navan,Co. Meath,..Ireland		
To Other Countries	17 06 05	Yes	0.0	(18) construction materials containing asbestos	R13	M	Weighed	Abroad	Rilta Environmental Ltd.,W0192-03	Rathcoole Co. Dublin,..Co. Dublin,..Ireland 31 the Dales	Grossenasper Entsorgungsgesellschaft mbH & Co. KG,A60F00507,Bimohler Str.,57 A,24623,Grossenaspe ,Germany	Bimohler Str.,57 A,24623,Grossenaspe ,Germany
To Other Countries	17 08 02	No	0.0	gypsum-based construction materials other than those mentioned in 17 08 01	R13	M	Weighed	Abroad	Baron Recycling Ltd (BRL),LN/09/113	,Cookstown,RT80 8TF,Co. Tyrone,United Kingdom		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
To Other Countries	17 08 02	No	108.2	gypsum-based construction materials other than those mentioned in 17 08 01 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Abroad	MacNabb Waste Management Ltd, LN/09/111/M	23 Downpatrick Road, Killough, Downpatrick Co. Down, BT30 7QB, United Kingdom		
Within the Country	17 09 04	No	0.0	gypsum-based construction materials other than those mentioned in 17 08 01 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Panda Waste Recycling, W0140-04	Rathdrinagh, Beauparc, Navan Co. Meath, Ireland		
Within the Country	17 09 04	No	0.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Disposal Ltd TA Thortons Recycling, W0044-02	Thorntons Recycling Centre, Killeen Rd, Ballyfermot, Dublin 10, Ireland		
Within the Country	17 09 04	No	4271.02	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed	Offsite in Ireland	AES Lusk, W0222-01	Blakes Cross, Coldwinters, Lusk, Co Dublin, Ireland		
Within the Country	17 09 04	No	0.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R13	M	Weighed	Offsite in Ireland	Arneg Gate T/A Skip Trans, WFP-DS-11-0002-01	518B, Greenogue Business Park, Rathcoole, Co. Dublin, Ireland		
Within the Country	19 05 03	No	0.0	off-specification compost	R3	M	Weighed	Offsite in Ireland	Enrich, WFP/MH/08/004/02	Larchill Stud, Killocock, Co. Meath, Ireland		
Within the Country	19 12 02	No	15.16	ferrous metal	R4	M	Weighed	Offsite in Ireland	Wilton Waste , WFP-CN-10-0005-01	Kiffagh, Crosserlough, Ballyja mesduff, Co. Cavan, Ireland		
Within the Country	19 12 02	No	183.34	ferrous metal	R13	M	Weighed	Offsite in Ireland	AES Lusk, W0222-01	Blakes Cross, Coldwinters, Lusk, Co Dublin, Ireland		
Within the Country	19 12 03	No	1.72	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	Wilton Waste , WFP-CN-10-0005-01	Kiffagh, Crosserlough, Ballyja mesduff, Co. Cavan, Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Guessford Ltd, WFP-OY-10-0183-02	Barnan, Daingean, Co Offaly, Ireland		
Within the Country	19 12 07	No	642.14	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Starrus Ecoholdings Ltd (Fassaroe), W0053-03	Bray Depot La Vallee House, Fassaroe, Bray, Co Wicklow, Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R13	M	Weighed	Offsite in Ireland	Wilton Waste , WFP-CN-10-0005-01	Kiffagh, Crosserlough, Ballyja mesduff, Co. Cavan, Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Starrus Ecoholdings Ltd (Fassaroe), W0053-03	Bray Depot La Vallee House, Fassaroe, Bray, Co Wicklow, Ireland		
Within the Country	19 12 07	No	0.0	wood other than that mentioned in 19 12 06	R12	M	Weighed	Offsite in Ireland	Walters Lot Civic Amenity Site (South Tipperary Co Co), W0200-01	Walters Lot, Cashel, Co Tipperary, Ireland		
Within the Country	19 12 09	No	0.0	minerals (for example sand, stones) other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility, W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland		
Within the Country	19 12 12	No	1137.0	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility, W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland		
Within the Country	19 12 12	No	3271.02	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed	Offsite in Ireland	Enrich Environmental Ltd, P1013-01	Larch Hill Stud, Newtownrathganley, Killocock, Co Meath, Ireland		
Within the Country	19 12 12	No	0.0	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Greyhound Recycling, W0205-01	Crag Avenue, Clondalkin, Dublin 22, Ireland		
Within the Country	19 12 12	No	21512.22	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R1	M	Weighed	Offsite in Ireland	Indaver, W0167-02	Carranstown, Duleek, Co. Meath, Ireland		
Within the Country	19 12 12	No	314.52	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighed	Offsite in Ireland	Knockharley landfill, W0146-03	Knockharley, Kentstown, Co. Meath, Ireland		
Within the Country	19 12 12	No	0.0	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R13	M	Weighed	Offsite in Ireland	Oxigen, W0208-02	Merrywell Ind Est., Ballymount, Dublin 22, Ireland		

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						M/C/E	Method Used					
Within the Country	19 12 12	No	291.74	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R12	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Disposal Ltd TA, Thorntons Recycling,W0044-02	Thorntons Recycling Centre, Killeen Rd, Ballyfermot, Dublin 10, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh, Crosserlough, Ballyja mesduff, Co. Cavan, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Panda Waste Recycling,W0140-04	Rathdrinagh, Beauparc, Navan Co. Meath, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	OD Agri Ltd t/a OD Recycling,WFP-TS-10-0002-03	Ballyboe ,Ballypatrick, Clonmel, Co. Tipperary, Ireland		
Within the Country	19 12 12	No	249.4	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	AES Lusk,W0222-01	Blakes Cross, Coldwinters, Lusk, Co Dublin, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R12	M	Weighed	Offsite in Ireland	AES Tullamore,W0104-03	Cappancur Ind Est, Daingean Rd, Tullamore, Co Offaly, Ireland		
Within the Country	19 12 12	No	81.26	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R1	M	Weighed	Offsite in Ireland	Drogheda Port Company,WFP-LH-11-0006-01	Tom Roes Port Facility, Balry Road, Drogheda, Co Louth, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R3	M	Weighed	Offsite in Ireland	McGill Environmental Systems (Ir) Ltd,W0180-01	Croom, Carrignavar, Glenville ,Co. Cork, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	Greenore Port Ltd,WFP-LH-14-0002-01	Greenore Port, Greenore, Co Louth, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R13	M	Weighed	Offsite in Ireland	O'Hanlon & Sons Contractors,WFP-LH-12-0002-01	Lockington's Yard, Quay Street, Dundalk, Co. Louth, Ireland		
Within the Country	19 12 12	No	0.0	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	D5	M	Weighed	Offsite in Ireland	Ballynagran Landfill ,W0165-02	Ballynagran ,Coolbeg and Kilcandra ,Co Wicklow, Ireland Ballynalurgan		
Within the Country	20 01 08	No	795.86	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Thorntons Kilmainhamwood,W0195-02	Kilmainhamwood Kells ,Kilmainhamwood, Kells, Meath, Ireland		
Within the Country	20 01 08	No	0.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	Larchill Stud, Kilcock, Co. Meath, Ireland		
Within the Country	20 01 36	No	0.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R13	M	Weighed	Offsite in Ireland	KMK Metals,W0113-03	Cappincur Ind Est, Daingean Rd Tullamore, Co. Offaly, Ireland		
Within the Country	20 01 36	No	0.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R13	M	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Unit 2,Duleek Bus. Pk.,Duleek Co. Meath, Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 01 36	No	0.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff, Co. Cavan,Ireland		
Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff, Co. Cavan,Ireland		
Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Walters Lot Civic Amenity Site (South Tipperary Co Co),W0200-01	Walters Lot,,Cashel,Co Tipperary,Ireland		
Within the Country	20 01 39	No	0.0	plastics	R3	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff, Co. Cavan,Ireland		
To Other Countries	20 01 39	No	0.0	plastics	R13	M	Weighed	Abroad	ROC Recycling Solutions Ltd,W/MEX 22/80; W/MEX 22/79	8A Keady Road ,Cornonagh,Newry,Co. Armagh BT35 9EL,Ireland		
Within the Country	20 01 39	No	4.56	plastics	R13	M	Weighed	Onsite of generati	Irish Packaging Recycling,W0263-01	Rd.,Walkinstown,Dublin 12.,Ireland		
Within the Country	20 01 39	No	19.78	plastics	R3	M	Weighed	Offsite in Ireland	Leinster Environmental,WFP-LH-11-002-01	Pk,Haggardstown Dundalk Co. Louth.,Ireland		
Within the Country	20 01 39	No	0.0	plastics	R3	M	Weighed	Offsite in Ireland	Irish Polymer Extrusions Ltd,WFP-LS-13-0001-01	Unit 20,Bay road business park,Mountmellick,Co Laois,Ireland		
Within the Country	20 01 40	No	0.0	metals	R13	M	Weighed	Offsite in Ireland	Erin Recyclers Ltd.,WFP-SO-11-0003-03	quay,Finisklin,Sligo Harbour, Co. Sligo,Ireland		
Within the Country	20 01 40	No	0.0	metals	R13	M	Weighed	Offsite in Ireland	Irish Metal Refineries IMR,WFP-09-03-01	Unit 2,Duleek Bus. Pk.,Duleek Co. Meath.,Ireland		
Within the Country	20 01 40	No	0.0	metals	R13	M	Weighed	Offsite in Ireland	Multimetals Recycling Ltd.,WFP-WW-09-0014-01	The Murrough,Wicklow Town ,Co. Wicklow.,Ireland		
Within the Country	20 01 40	No	624.98	metals	R13	M	Weighed	Offsite in Ireland	Wilton Waste ,WFP-CN-10-0005-01	Kiffagh,Crosserlough,Ballyja mesduff, Co. Cavan,Ireland		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	M	Weighed	Offsite in Ireland	BNM Kilberry,W0198-01	Kilberry,Co. Kildare,,Ireland		
Within the Country	20 02 01	No	4.88	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Enrich Environmental Ltd,P1013-01	Larch Hill Stud,Newtownrathganley,Kilcock,Co Meath,Ireland		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Bord na Mona Horticulture Ltd Kilberry,W0198-01	Kilberry Compost Facility,Kilberry,Athy,Co Kildare,Ireland		
Within the Country	20 03 01	No	3080.34	mixed municipal waste	R12	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	M	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	M	Weighed	Offsite in Ireland	Enrich,WFP/MH/08/004/02.	Larchill Stud,Kilcock,Co. Meath.,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,W0263-01	Ballymount Rd.,Walkinstown,Dublin 12.,Ireland		
Within the Country	20 03 01	No	78.26	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Padraic Thornton Waste Recycling Ltd.,WFP-DC-10-0021-02/13/MK/01	Thorntons Recycling MDR-MRF,Unit 51 Henry Road ,Parkwest Business park,Dublin 12,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Allied Waste Management Services Ltd,WFP-WM-2010-0001-01	Clonmellon,,Co. Westmeath,Ireland		
Within the Country	20 03 01	No	138.24	mixed municipal waste	D5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare.,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Panda Waste Recycling,W0140-04	Rathdrinagh,Beauparc,Navan Co. Meath.,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	AES Lusk,W0222-01	Blakes Cross,Coldwinters,Lusk,Co Dublin,Ireland		

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	20 03 01	No	0.0	mixed municipal waste	R13	M	Weighed	Offsite in Ireland	Panda Waste Recycling,W0039-02	Ballymount Cross,, Tallagh,Dublin 24,Ireland Unit 7 Shepherds Drive,Cambane Industrial Estate,Newry,Co Down BT35 6JQ,United Kingdom		
To Other Countries	20 03 01	No	2919.4	mixed municipal waste	R12	M	Weighed	Abroad	Regen Waste Ltd,LN/10/50/M			
Within the Country	20 03 03	No	0.0	street-cleaning residues	D5	M	Weighed	Offsite in Ireland	Knockharley landfill,W0146-03	Knockharley ,Kentstown,Co. Meath,,Ireland		
Within the Country	20 03 03	No	0.0	street-cleaning residues	R13	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	20 03 01	No	140.82	mixed municipal waste other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R1	M	Weighed	Offsite in Ireland	Dublin Waste to Energy Ltd (Covanta),W0232-01	Pigeon House Road,Poolbeg,Dublin,4,Ireland		
Within the Country	19 12 12	No	2027.86	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	19 12 12	No	9777.52	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R5	M	Weighed	Offsite in Ireland	Drehid Waste Mgt Facility,W0201-03	Killinagh Upper,Carbury,Co. Kildare,,Ireland		
Within the Country	19 12 12	No	2116.14	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R1	M	Weighed	Offsite in Ireland	Dublin Waste to Energy Ltd (Covanta),W0232-01	Pigeon House Road,Poolbeg,Dublin,4,Ireland		
Within the Country	19 12 12	No	10.66	11 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R12	M	Weighed	Offsite in Ireland	Pacon Waste & recycling Ltd,WFP-FG-14-0001-01	Unit 4F Fingal Bay Business Park,,Balbriggan,Co Dublin,Ireland		
Within the Country	20 03 01	No	2328.68	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver,W0167-02	Carranstown,Duleek,Co. Meath,,Ireland		
Within the Country	16 10 02	No	630.86	aqueous liquid wastes other than those mentioned in 16 10 01	R3	M	Weighed	Offsite in Ireland	Irish Water (Ringsend),D0034-01	Ringsend WWTP,Pigeon House Road,Poolbeg,Dublin 4,Ireland		

\* Select a row t

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[Guidance to completing the PRTR workbook](#)

# PRTR Returns Workbook

Version 1.1.19

<b>REFERENCE YEAR</b>	2017
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## 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
<b>AER Returns Contact Name</b>	Charlotte Greene
<b>AER Returns Contact Email Address</b>	charlotte.greene@bnm.ie
<b>AER Returns Contact Position</b>	Environmental Officer
<b>AER Returns Contact Telephone Number</b>	045439492
<b>AER Returns Contact Mobile Phone Number</b>	0877697465
<b>AER Returns Contact Fax Number</b>	
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	50
<b>User Feedback/Comments</b>	
<b>Web Address</b>	http://www.aesirl.ie

## 2. PRTR CLASS ACTIVITIES

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

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

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

## 4. WASTE IMPORTED/ACCEPTED ONTO SITE

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

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities) ?	
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This question is only applicable if you are an IPPC or Quarry site



4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR#: W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : w0131\_2017.xls | Return Year : 2017 |

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

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

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

**Additional Data Requested from Landfill operators**

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

<b>Landfill:</b>	Advanced Environmental Solutions (Ireland) Limited				
<b>Please enter summary data on the quantities of methane flared and / or utilised</b>			<b>Method Used</b>		
	<b>T (Total) kg/Year</b>	<b>M/C/E</b>	<b>Method Code</b>	<b>Designation or Description</b>	<b>Facility Total Capacity m3 per hour</b>
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\_2017.xls | Return Year : 2017 |

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**SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS**

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this

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

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

**SECTION B : REMAINING PRTR POLLUTANTS**

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

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

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

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

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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : w01

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**SECTION A : PRTR POLLUTANTS**

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

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

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

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

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

4.4 RELEASES TO LAND

[Link to previous years emissions data](#)

| PRTR# : W0131 | Facility Name : Advanced Environmental Solutions (Ireland) Limited | Filename : w0131\_2017.xls | Return Year : 2017 |

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**SECTION A : PRTR POLLUTANTS**

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

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

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

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

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