

Facility Information Summary

AER Reporting Year
 Licence Register Number
 Name of site
 Site Location
 NACE Code
 Class/Classes of Activity
 National Grid Reference (6E, 6 N)

2014
 W0196-01
 MacAnulty Specialist Underground Services Limited.
 John F. Kennedy Industrial Estate, Johnb F. Kennedy Road, Naas Road, Dublin 12
 3821
 3.7, 3.11, 3.12, 3.13, 4.13, 4.3, 4.4, 4.6, 4.8
 53.3279 6.35314

Enva Ireland is located in JFK Road, Naas Road, Dublin 12. This site is licenced since 2004. Waste activities carried out on site include the storage of waste for onward movement and the processing of oily waters and waste waters. The activities for the site have remained the same for 2013 as for 2012. The quantities of waste per EWC code has fluctuated as expected due to the range of EWC codes which the site accepts within a reporting year. There has been no changes in infrastructure and no exceedances of licence limits. There was one non compliance when a visit occurred on 29/07/2013 and IBCs were placed on the yard when a curtain sided vehicle was being unloaded instead of being transferred to storage area which was banded. Please refer to the relevant parts of this document to view individual reporting areas.

A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year **and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.**

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.

Aigen O'Samail
 Signature
 Group/Facility manager
 (or nominated, suitably qualified and experienced deputy)

31/03/2015
 Date

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections

2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections

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 ¹	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW1	onsite		pH				8.19	pH units	Yes	Quarterly Sample Highest Value of the Year Closed Here
SW1	onsite		BOD				5.55	mg/L	Yes	Quarterly Sample Highest Value of the Year Closed Here
SW1	onsite		COD				5.55	mg/L	Yes	Quarterly Sample Highest Value of the Year Closed Here
SW1	onsite		Suspended Solids				130	mg/L	Yes	Quarterly Sample Highest Value of the Year Closed Here
SW1	onsite		Milligrams/litre				464	µg/L	Yes	Quarterly Sample Highest Value of the Year Closed Here

*trigger values may be agreed by the Agency outside of licence conditions

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT SELECT		

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

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of table W3 below

4 Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box

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

Emission reference no.	Emission released to	Parameter/ Substance/Note 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ¹ 2	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Precedural reference source	Annual mass load (kg)	Comments
D4	Wastewater/Sewer	Suspended Solids	composite	Daily	Monthly	240	All values < ELV	130	SELECT	SELECT	SELECT			
D5	Wastewater/Sewer	Sulphate	composite	Daily	Monthly	800	All values < ELV	370.3	SELECT	SELECT	SELECT			
D6	Wastewater/Sewer	Zinc and compounds (as Zn)	composite	Daily	Monthly	800	All values < ELV	1.12	SELECT	SELECT	SELECT			
D7	Wastewater/Sewer	Copper and compounds (as Cu)	composite	Daily	Monthly	1000	All values < ELV	0.11	SELECT	SELECT	SELECT			
D8	Wastewater/Sewer	pH	composite	Daily	Monthly	5	All values < ELV	8.19	SELECT	SELECT	SELECT			

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)									
		Lic No:		W0196-01		7607		2014	
D9	Wastewater/Sewer	Temperature	composite	Daily	Monthly	5	All values < ELV	15.6	
D10	Wastewater/Sewer	Mineral oils	composite	Daily	Monthly	10	All values < ELV	9.61	
D11	Wastewater/Sewer	Detergents (as MBAS)	composite	Daily	Monthly	100	All values < ELV	3.97	
D12	Wastewater/Sewer	Toluene volumetric flow	composite	Daily	Monthly	1	All values < ELV	0.44	
D13	Wastewater/Sewer	Xylenes volumetric flow	composite	Daily	Monthly	100	All values < ELV	109.3	
D14	Wastewater/Sewer	Xylenes	composite	Daily	Monthly	1	All values < ELV	0.203	

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

Continuous monitoring

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

If yes please summarise your continuous monitoring data below. In Table W4 and compare it to its relevant Emission Limit Value (ELV).

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

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

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

Table W4: Summary of average emissions-continuous monitoring

Emission reference no.	Emission related 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 exceedances in reporting year	Comments
	SELECT	SELECT	SELECT	SELECT	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

Additional information

Yes	3 years
Yes	
No	
None	
No	
No	
No	

- Bund testing [dropdown menu click to see options](#)
- 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 licensed testing period (mobile bunds and chemstore included)
- 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 containers, type units and mobile bunds)
 - How many bunds are on site?
 - How many of the bunds have been tested within the required test schedule?
 - 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 Choke Type	Product contained	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 (in current reporting year)
Bund 3 Rounddown Screen	general purpose concrete/masonry		4.3M3	4.3M3	4.3M3	Hydraulic test		20/10/2014	Yes	Pass				
Bund 5 Press #4 Bund	general purpose concrete/masonry		1.0M3	1.0M3	1.0M3	Hydraulic test		20/10/2014	Yes	Pass				
Bund 6 Unloading Pump	general purpose concrete/masonry		0.33M3	0.33M3	0.33M3	Hydraulic test		20/10/2014	Yes	Pass				
Empty Container Area	reinforced concrete		11.6M3	11.6M3	11.6M3	Hydraulic test		27/01/2014	Yes	Pass				
Dig Out Bay	general purpose concrete/masonry	19 JMS	12.6M3	12.6M3	12.6M3	Hydraulic test		10/07/2013	Yes	Pass				
Main Bund	reinforced concrete		136,500 litres	136,500 litres	136,500 litres	Hydraulic test		10/07/2013	Yes	Pass				
Storage Area 2	prefabricated		12.66M3	12.66M4	12.66M5	Hydraulic test		10/07/2013	Yes	Pass				
Storage Area 1	prefabricated		11.65M3	11.65M4	11.65M5	Hydraulic test	Commentary	10/07/2013	Yes	Pass				

Yes
No
No

- * Capacity required should comply with 25% or 20% (whichever is the most onerous) as detailed in your licence
- Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS5007/EPA Guidance?
- Are channels/transfer systems to remote containment systems tested?
 - Are channels/transfer systems compliant in both integrity and available volume?

Pipeline/Underground Structure Testing

- Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc? If yes please fill out table 2 below listing all underground structures and pipelines on site which failed the integrity test and all which have not been tested within the integrity test period as specified
- Please provide integrity testing frequency period
- * please note integrity testing means water tightness testing (or process and foul pipelines (as required under your licence))

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

Structure ID	Types 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 (in current reporting year)
MHS 4	SELECT	PE	No	SELECT	CCTV	Yes	Pass				
MHS 3	Starm	PE	No		CCTV	Yes	Pass				
MHS 2	Starm	PE	No		CCTV	Yes	Pass				
Interceptor	Foul	PE	No		CCTV	Yes	Pass				
MHS 3	Starm	PE	No		CCTV	Yes	Pass				
MHS 1A	Foul	PE	No		CCTV	Yes	Pass				

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

		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.	yes	
5	Is the contamination related to operations at the facility (either current and/or historic)	yes	
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	N/A	
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?	no	
10	Has a Conceptual Site Model been developed for the site?	no	
11	Have potential receptors been identified on and off site?	yes	
12	Is there evidence that contamination is migrating offsite?	no	

Please find attached at the end of this workbook (final tab) called groundwater. This provides results for 2013 and methodology of how samples are collected

Table 1: Upgradient Groundwater monitoring results

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

*+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Groundwater/Soil monitoring template							Lic No: W0196-01	Year	2014	
Date of sampling	Sample location reference	Parameter/Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data	
							SELECT	SELECT**	SELECT	
							SELECT		SELECT	
<p>*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.</p> <p>More information on the use of soil and groundwater standards/generic assessment criteria (GAC) and Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2012), risk assessment tools is available in the EPA published guidance (see the link in G3).</p> <p>**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), if the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS).</p>										
							Surface water EQS	Groundwater regulations	Drinking water (private supply) standards	Interim Guideline Values (IGV)

Table 3: Soil results

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

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

Environmental Liabilities template

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

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		Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA
2	ELRA review status	Review required and completed
3	Amount of Financial Provision cover required as determined by the latest ELRA	20,500
4	Financial Provision for ELRA status	Required but not submitted
5	Financial Provision for ELRA - amount of cover	to be determined
6	Financial Provision for ELRA - type	SELECT
7	Financial provision for ELRA expiry date	Enter expiry date
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA
9	Closure plan review status	Review required and completed
10	Financial Provision for Closure status	Required but not submitted
11	Financial Provision for Closure - amount of cover	20,700
12	Financial Provision for Closure - type	SELECT
13	Financial provision for Closure expiry date	TBC

Environmental Management Programme/Continuous Improvement Programme template

Lic No: W0196-01 Year 2014

Highlighted cells contain dropdown menu click to view

	Yes	No
1 Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information	Yes	
2 Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3 Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4 Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	No	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Groundwater protection	After completing last years objective of yard surface crack repairs to improve integrity, we will continue to monitor this as vehicular movements and		Follow on for last years target (completed) and an appreciation of how easily cracks can develop.	Individual	Increased compliance with licence conditions

Noise monitoring summary report

Lic No: W0196-01 Year 2014

- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?
Does your site have a noise reduction plan
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

Yes

Noise Guidance note NG4
Yes
No
not applicable
No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location - NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
03/07/2014	10:30	NB1		52	47	55	61	No	SELECT		Yes
03/07/2014	11:00	NB1		52	47	55	59	No			Yes
03/07/2014	11:30	NB1		51	47	54	59	No			Yes
03/07/2014	12:05	NB1		59	51	65	64	No			Yes
03/07/2014	12:35	NB2		55	51	57	64	No			Yes
03/07/2014	13:05	NB2		56	52	8	65	No			Yes
03/07/2014	11:01	NB3		52	49	54	57	No			Yes
03/07/2014	11:31	NB3		52	49	55	57	No			Yes
03/07/2014	12:06	NB3		52	49	54	57	No			Yes
02/09/2014	12:40	NB4		71	58	79	71	No			Yes
02/09/2014	13:10	NB4		67	58	65	79	No			Yes
02/09/2014	13:46	NB4		67	58	64	79	No			Yes
02/09/2014	13:30	NSL 1		57	64	60	64	No			Yes
02/09/2014	14:00	NSL 1		60	53	61	71	No			Yes
02/09/2014	14:30	NSL 1		62	70	66	70	No			Yes
02/09/2014	22:00	NSL 1		52	47	53	63	No			Yes
02/09/2014	22:36	NSL 1		51	48	53	5	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

SELECT

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

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

Any additional comments? (less than 200 words)

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

Additional information	
Not applicable	
No	
No	

2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI - Large Industry Energy Network (LIEN) Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

3

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	103.67	85.356		INVOICES ELECTRIC
Total Energy Generated (MWHrs)	NA			
Total Renewable Energy Generated (MWHrs)	NA			
Electricity Consumption (MWHrs)	103.67	85.356		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	NA			
Light Fuel Oil (m3)	1.5	2		INVOICES GREEN DIESEL
Natural Gas (m3)	NA			
Coal/Solid fuel (metric tonnes)	NA			
Peat (metric tonnes)	NA			
Renewable Biomass	NA			
Renewable energy generated on site	NA			

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

Table R2 Water usage on site

Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Water Emissions		Water Consumption	
					Volume Discharged back to environment(m ³ /yr):	Volume discharged to environment e.g. released as steam m3/yr	Volume used i.e not discharged to environment	Unaccounted for Water:
Groundwater								
Surface water								
Public supply	102.844	66.84				66		
Recycled water								
Total								

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

Table R3 Waste Stream Summary

	Landfill	Incineration	Recycled	Other
Total	5829.76			
Hazardous (Tonnes)	13559.84			
Non-Hazardous (Tonnes)				

Resource Usage/Energy efficiency summary Lic No: W0196-01 Year 2014

Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

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

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

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

Additional Information

Yes
Yes
No

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWIC code	Source of waste accepted	Description of waste accepted	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
	European Waste Catalogue EWIC codes										
Total Tonnage 35000	02 07 04	02- WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Powdered waste from additive tank cleaning	1.58	30.08	-95% streams/ann jobs	Variance in business and wastes streams/ann jobs	0%	H13-Storage of waste pending on	1.58	
Total Tonnage 35000	08 01 12	MANUFACTURE FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS	Aqueous liquid washings of a road tanker into an oily sump	17.48	0	#DIV/0!	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment n	0	
Total Tonnage 35000	08 03 08	MANUFACTURE FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND	Aqueous liquid containing ink	3.48	0	#DIV/0!	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
Total Tonnage 35000	10 01 26	10- WASTES FROM THERMAL PROCESSES	Chilling water/sludge from open Sludge Bay	38.52	210.8	-82% streams/ann jobs	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
Total Tonnage 35000	13 01 11	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Hydraulic oil	1.46	0	#DIV/0!	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
Total Tonnage 35000	13 01 13*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Hydraulic Oil/Water	3.12	0.1	9020% streams/ann jobs	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
Total Tonnage 35000	13 02 04*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste Mineral Oil	1.84	71.3	-97% streams/ann jobs	Variance in business and wastes streams/ann jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		

WASTE SUMMARY		LC No:	W0186-01	Year	2014				
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.06*	0.8	26.87	-97%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.08*	107.61	26.87	300%	Variance in business and wastes streams from jobs	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.01*	21.86	0	RDIV/DI	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.02*	6.2	0	RDIV/DI	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.01*	1.41	11.14	-87%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.02*	109.78	21.46	395%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.03*	156.05	338.61	-54%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.05*	21.94	30.95	-29%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.07*	3159.855	2326.41	35%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	34.234
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.08*	350.83	35.04	84%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.01*	417.19	5.62	7323%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	13.02.03*	51.88	55.38	-5%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flammable compounds or mixtures which are discarded by means D1 to D12	

WASTE SUMMARY		UC No:	Year	304				
		W0196-01						
Total Tonnage 35000	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 08, 12 and 19)	1217.565	1460.01	-17%	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	41.623
Total Tonnage 35000	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	61.5	0	#D.V/DI	Variance in business and wastes streams from jobs	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	21.4
Total Tonnage 35000	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	122.52	7.46	1598%	Wastes containing golden dangerous substances	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	41.575
Total Tonnage 35000	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	2.46	223.38	-95%	Aqueous Liquid Containing Dangerous Substances	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
Total Tonnage 35000	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	940.32	193.3	386%	Aqueous Liquid Non-Haz	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	4
Total Tonnage 35000	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	25.6	28.4	-11%	Contaminated Wood	0%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	
Total Tonnage 35000	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	11404.54	19245.18	-41%	Leachate	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	13.536
Total Tonnage 35000	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	284.42	0	#D.V/DI	Mlum Sludge	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	20-03 03	20.54	0.86	2288%	Street Cleaning/Gully Cleaning Waste	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	
Total Tonnage 35000	20-03 04	27.68	9.02	207%	Sewage	0%	D9-Physico-Chemical treatment not specified elsewhere which results in flaj compounds or mixtures which are discarded by means D1 to D12	

WASTE SUMMARY		LC No:	W0196-01	Year:	2014
Total Tonnage 35000	20 03 06	20 03 06	20 03 06	75% Variance in business and wastes streams/jobs	0% D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12
Total Tonnage 35000	20 01 25	20 01 25	20 01 25	75% Variance in business and wastes streams/jobs	0% R13-Storage of waste pending any of the operations numbered R4 to R12 (excluding temporary storage)

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

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

6 Does your facility have relevant nuisance controls in place?

7 Do you have an odour management system in place for your facility? If no why?

8 Do you maintain a sludge register on site?

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

Waste type permitted for disposal	Authorised/licensed annual tonnage for disposal (tpa)	Actual tonnage for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (mt)	Comments

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste		Unused area		Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell B														

PNNAME?

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 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 SS(A)5 of WMA been submitted in reporting year	Year

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

Table 5 Capping-Landfill only

Area uncapped* SELECT UNIT	Area with temporary cap SELECT UNIT	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 this cap	Comments

* please note this includes daily cover area

Table 6 Leachate-Landfill only

Is leachate from your site treated in a Waste Water Treatment Plant?
 YES to leachate released to surface waters? If yes please complete leachate mass load information below

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
						SELECT	SELECT

Table 7 Landfill Gas-Landfill only

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

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	



Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.16

REFERENCE YEAR | 2014

1. FACILITY IDENTIFICATION

Parent Company Name	Envva Ireland Limited
Facility Name	Envva Ireland Limited (Naas Road)
PRTR Identification Number	W0196
Licence Number	W0196-01

Classes of Activity

No.	class_name
- Refer to PRTR class activities below	

Address 1	John F. Kennedy Industrial Estate
Address 2	John F. Kennedy Road
Address 3	Naas Road
Address 4	
County	Dublin
Country	Ireland
Coordinates of Location	-6.35314 53.3279
River Basin District	IEEA
NACE Code	3821
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Ryan O'Donnell
AER Returns Contact Email Address	RODonnell@envva.ie
AER Returns Contact Position	HSE & Transport Officer
AER Returns Contact Telephone Number	014242201
AER Returns Contact Mobile Phone Number	0878164832
AER Returns Contact Fax Number	0579878699
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	2
User Feedback/Comments	Feedback
Web Address	http://www.envva.com

2. PRTR CLASS ACTIVITIES

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

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

Is it applicable? No
Have you been granted an exemption? 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

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

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

4.1 RELEASES TO AIR

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD		QUANTITY	
No. Annex II	Name	M/C/E	Method Used Designation or Description	T (Total) KG/Year	F (Fugitive) KG/Year
				0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD		QUANTITY	
No. Annex II	Name	M/C/E	Method Used Designation or Description	T (Total) KG/Year	F (Fugitive) KG/Year
				0.0	0.0

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

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

POLLUTANT		METHOD		QUANTITY	
Pollutant No.	Name	M/C/E	Method Used Designation or Description	T (Total) KG/Year	F (Fugitive) KG/Year
				0.0	0.0

* Select a row by double-clicking on the Pollutant Name (Column B) then click the edit 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) emissions to the environment under T (Total) KG/yr for Section A; Sector specific PRTR pollutants above. Please complete the table below:

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

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

Total estimated methane generation (as per site model)
Methane flared
Methane utilised in engine/s
Net methane emission (as reported in Section A above)

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

PRTR# W0198 | Facility Name Enva Ireland Limited (Naas Road) | Filename Copy of W0198_2014.xls | Return Year 2014 |

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Data on ambient monitoring of stormwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility. Please enter all quantities in this section in KGs.

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT	Name	M/C/E	Method Used Designation or Description	Emission Point 1	QUANTITY		
					T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
No. Annex II					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							
POLLUTANT	Name	M/C/E	Method Used Designation or Description	Emission Point 1	QUANTITY		
					T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
No. Annex II					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							
POLLUTANT	Name	M/C/E	Method Used Designation or Description	Emission Point 1	QUANTITY		
					T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
Pollutant No.					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# W0196 | Facility Name Enve Imans Limited (Nass Road) | Fileno# Copy of W0196_201

01/04/2015 16:25

SECTION A - PRTR POLLUTANTS

No. Annex II	Name	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER		Please enter all quantities in this section in KGs				
		M/C/E	Method Code	Method Used Description or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
20	Copper and compounds (as Cu)	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Ammonia F Phenate Method)	1.5655	1.5655	0.0	0.0
24	Zinc and compounds (as Zn)	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Ammonia F Phenate Method)	3.8721 0.0	3.8721 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 No.	Name	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER		Please enter all quantities in this section in KGs				
		M/C/E	Method Code	Method Used Description or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
306	COD	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Ammonia F Phenate Method)	24904.6 0.0	24904.6 0.0	0.0	0.0
240	Suspended Solids	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Ammonia F Phenate Method)	692.0	692.0	0.0	0.0
343	Sulphate	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Ammonia F Phenate Method)	1003.07	1003.07	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# : W0196 | Facility Name : Enva Ireland Limited (Naas Road) | Filename : Copy of W0196_2014.xls | Return Year : 2014 |

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SECTION A : PRTR POLLUTANTS

POLLUTANT		METHOD		QUANTITY			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
						0.0	0.0

Please enter all quantities in this section in KGs

* 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		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

Please enter all quantities in this section in KGs

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

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Licence/Permit No of Next Destination Facility 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	13 02 08	Yes	110.08	other engine, gear and lubricating oils	R9	M	Weighted	Offsite in Ireland	Envva Ireland Ltd, W0-184/1	Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland	Envva Ireland, W0184-46, Kreuztal, D57223, German y	Krombacher Strasse 42 - 46, Kreuztal, D57223, German y
Within the Country	13 05 01	Yes	317.36	solids from grit chambers and oil/water separators	R12	M	Weighted	Offsite in Ireland	Envva Ireland Ltd, W0-184/1	Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland	1. Clonminam Industrial Estate, Portlaoise, Laois, 0, Irel and Envva Ireland, W0184-46, Kreuztal, D57223, German y	Clonminam Industrial Estate, Portlaoise, Laois, , Irel and
Within the Country	13 05 03	Yes	75.6	interceptor sludges	R9	M	Weighted	Offsite in Ireland	Envva Ireland Ltd, W0-184/1	Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland	1. Clonminam Industrial Estate, Portlaoise, Laois, 0, Irel and Envva Ireland, W0184-46, Kreuztal, D57223, German y	Clonminam Industrial Estate, Portlaoise, Laois, , Irel and
Within the Country	13 08 02	Yes	101.68	other emulsions	R9	M	Weighted	Offsite in Ireland	Envva Ireland Ltd, W0-184/1	Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland	1. Clonminam Industrial Estate, Portlaoise, Laois, 0, Irel and Envva Ireland, W0184-46, Kreuztal, D57223, German y	Clonminam Industrial Estate, Portlaoise, Laois, , Irel and
Within the Country	16 10 02	No	19000.57	aqueous liquid wastes other than those mentioned in 16 10 01	D9	M	Volume Calculation	Offsite in Ireland	Ringsend Waste Water Treatment, D0034-01	House Road, Dublin, NA, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany
To Other Countries	17 02 04	Yes	21.46	contaminated with dangerous substances	R1	M	Weighted	Abroad	Reiling Gmbh, 121197630-3 Ommonde Organics, WFP.	Killowen, Portlaoise, Co. Waterford, NA, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany
Within the Country	20 01 25	No	21.9	edible oil and fat	D9	M	Weighted	Offsite in Ireland	WD-10-0003-03	1, Archerstown Industrial Estate, Thurles, Co Tipperary, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany
Within the Country	20 01 25	No	8.52	edible oil and fat	D9	M	Weighted	Offsite in Ireland	AGS, WCP-KK-12-583-01	House Road, Dublin, NA, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany
Within the Country	20 03 06	No	782.45	waste from sewage cleaning	D9	M	Volume Calculation	Offsite in Ireland	Ringsend Waste Water Treatment, D0034-01	House Road, Dublin, NA, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany
Within the Country	16 01 15	No	2000.0	antifreeze fluids other than those mentioned in 16 01 14	R13	M	Weighted	Offsite in Ireland	Envva Ireland Ltd, W0-184/1	Clonminam Industrial Estate, Portlaoise, Co Laois, Ireland	1. Clonminam Industrial Estate, Portlaoise, Laois, 0, Irel and Envva Ireland, W0184-46, Kreuztal, D57223, German y	Clonminam Industrial Estate, Portlaoise, Laois, , Irel and
Within the Country	16 05 06	Yes	40.0	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	R12	M	Weighted	Offsite in Ireland	Envva Ireland Shannon, W0041-01	Clare, Murrinstarr, Ireland	Reiling Gmbh, 121197630-3, Weefelder Strasse 36, Bonen, , , , Germany	Weefelder Strasse 36 Bonen, , , , Germany

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

Previous years data is correct as at 23/02/2015 10:29

Release_To	Year	Pollutant_Number	Pollutant_Description	M_C_E	Method_Code	Method_Description	Total
WasteWater	2013	20	Copper and compounds (as Cu)	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, secti.	4,3406
WasteWater	2013	24	Zinc and compounds (as Zn)	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, secti.	20,6972
WasteWater	2013	240	Suspended Solids	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, secti.	1870.5
WasteWater	2013	306	COD	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, secti.	31469.2
WasteWater	2013	343	Sulphate	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, secti.	700.27

Previous years data is correct as at 23/02/2015 10:29

Type of Waste	Previous Year Total	Current Year Total	Percentage Change
Hazardous Waste inside the country for disposal	0	0	0
Hazardous Waste inside the country for recovery	459.702	644.92	40.29088409
Hazardous Waste outside the country for disposal	0	0	0
Hazardous Waste outside the country for recovery	23.32	21.46	-7.975986278
Non-Hazardous Waste for disposal	24889.74	19813.44	-20.39515077
Non-Hazardous Waste for recovery	58.38	2000	3325.830764