

Facility Information Summary	
AER Reporting Year	2013
Licence Register Number	W0196-01
Name of site	MacAnulty Specialist Underground Services Limited.
Site Location	John F. Kennedy Industrial Estate, Johnb F. Kennedy Road, Naas Road, Dublin 12
NACE Code	3821
Class/Classes of Activity	3.7, 3.11, 3.12, 3.13, 4.13, 4.3, 4.4, 4.6, 4.8
National Grid Reference (6E, 6 N)	53.3279 6.35314
<p>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.</p> <p>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.</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.

<hr/> <p>Signature Group/Facility manager</p> <p>(or nominated, suitably qualified and experienced deputy)</p>	<hr/> <p>Date</p>
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AIR-summary template Lic No: W0196-01 Year 2013

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	
No	

Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

No	
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3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision 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
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			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

AIR-summary template	Lic No: W0196-01	Year: 2013
Continuous Monitoring		

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

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table [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

<p>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</p> <p>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</p>	Additional information
Yes	
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
SW1	onsite	SELECT	pH	05/12/2013		N/A	7.79	pH units	yes	Quarterly Sample, Highest Value Of The Year Quoted Here
SW1	onsite		BOD	25/03/2013		N/A	5.35	mg/L	yes	Quarterly Sample, Highest Value Of The Year Quoted Here
SW1	onsite		COD	05/12/2014		N/A	41.5	mg/L	yes	Quarterly Sample, Highest Value Of The Year Quoted Here
SW1	onsite		Suspended Solids	05/12/2014		N/A	20	mg/L	yes	Quarterly Sample, Highest Value Of The Year Quoted Here
SW1	onsite		Mineral oils	05/12/2014	5000	All values < ELV	1200	µg/L	yes	Quarterly Sample, Highest Value Of The Year Quoted 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)

<p>3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below</p> <p>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</p>	Additional information
No	
Yes	

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

Emission reference no:	Emission released to	Parameter/ Substance ^{Note 1}	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Annual mass load (kg)	Comments
D4	Wastewater/Sewer	COD	composite	Daily	Monthly	240	All values < ELV	146.71	mg/L	SELECT	SELECT	SELECT		
D5	Wastewater/Sewer	BOD	composite	Daily	Monthly	800	All values < ELV	80.3	mg/L					
D6	Wastewater/Sewer	Suspended Solids	composite	Daily	Monthly	800	All values < ELV	118	mg/L					
D7	Wastewater/Sewer	Sulphate	composite	Daily	Monthly	1000	All values < ELV	22.3	mg/L					
D8	Wastewater/Sewer	Zinc and compounds (as Zn)	composite	Daily	Monthly	5	All values < ELV	0.1	mg/L					
D9	Wastewater/Sewer	Copper and compounds (as Cu)	composite	Daily	Monthly	5	All values < ELV	0.09	mg/L					

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)						Lic No:	W0196-01	Year	2013						
D10	Wastewater/Sewer	pH	composite	Daily	Monthly	10	All values < ELV	8.25	pH units						
D11	Wastewater/Sewer	Temperature	composite	Daily	Monthly	42	All values < ELV	23.1	degrees C						
D12	Wastewater/Sewer	Mineral oils	composite	Daily	Monthly	10	All values < ELV	2.34	mg/L						
D13	Wastewater/Sewer	Detergents (as MBAS)	composite	Daily	Monthly	100	All values < ELV	4.42	mg/L						
D14	Wastewater/Sewer	Toluene	composite	Daily	Monthly	1	All values < ELV	0.125	mg/L						
D15	Wastewater/Sewer	volumetric flow	composite	Daily	Monthly	180	All values < ELV	156	m3/day						
D16	Wastewater/Sewer	Xylenes	composite	Daily	Monthly	1	All values < ELV	0.186	mg/L						

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? 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

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

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

Table W4: Summary of average emissions -continuous monitoring

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

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Groundwater/Soil monitoring template Lic No: W0196-01 Year 2013

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

*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) [Groundwater regulations](#) [Drinking water \(private supply\) standards](#) [Drinking water \(public supply\) 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

Lic No:

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Year

2013

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

		Commentary	
1	ELRA initial agreement status	Submitted and agreed by EPA	
2	ELRA review status	SELECT	No changes to document
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	To be determined
7	Financial provision for ELRA expiry date	Enter expiry date	To be determined
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	
9	Closure plan review status	Review required and completed	No changes to document
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	To be determined
13	Financial provision for Closure expiry date	Enter expiry date	To be determined

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0196-01	Year	2013
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			Additional Information
	Highlighted cells contain dropdown menu click to view		
1	Do you maintain an Environmental Mangement 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	Improve yard surface integrity -Seal cracks in surface.	10	Review yard integrity, identify areas which need replacement/repair.	Section Head	Increased compliance with licence conditions
Groundwater protection	Improve yard surface integrity -Seal cracks in surface.	0	Develop a documented check of yard integrity and a system for recording of repairs/improvements made	Section Head	Increased compliance with licence conditions

Noise monitoring summary report

Lic No: W0196-01

Year

2013

1 Was noise monitoring a licence requirement for the AER period?

Yes

If yes please fill in table N1 noise summary below

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

[Noise
Guidance
note NG4](#)

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 _{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)?
05/09/2013	13.15	NB1		53	46	55	61	No	SELECT		Yes
05/09/2013	13.45	NB1		52	45	54	60	No			Yes
05/09/2013	14.15	NB1		52	46	55	60	No			Yes
05/09/2013	13.41	NB2		50	47	52	58	No			Yes
05/09/2013	14.14	NB2		51	58	52	58	No			Yes
05/09/2013	14.46	NB2		53	49	56	58	No			Yes
05/09/2013	11.44	NB3		46	43	48	51	No			Yes
05/09/2013	12.14	NB3		47	44	48	56	No			Yes
05/09/2013	12.44	NB3		51	47	51	60	No			Yes
05/09/2013	12.03	NB4		64	57	61	76	No			Yes
05/09/2013	12.38	NB4		66	57	67	77	No			Yes
05/09/2013	13.08	NB4		64	57	61	75	No			Yes
03/09/2013	10.06	NSL 1		59	53	62	69	No			Yes
03/09/2013	10.36	NSL 1		61	54	64	70	No			Yes
03/09/2013	11.06	NSL 1		58	52	61	66	No			Yes
03/09/2013	23	NSL 1		52	49	53		No			Yes
03/09/2013	23.3	NSL 1		53	49	54	60	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)

		Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	Not applicable
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	No
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	No

Table R1 Energy usage on site

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	69349	103670		
Total Energy Generated (MWHrs)	NA	NA	NA	NA
Total Renewable Energy Generated (MWHrs)	NA	NA	NA	NA
Electricity Consumption (MWHrs)	69349	103670		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	NA	NA	NA	NA
Light Fuel Oil (m3)	1.5	1.5	0	1.5
Natural gas (m3)	NA	NA	NA	NA
Coal/Solid fuel (metric tonnes)	NA	NA	NA	NA
Peat (metric tonnes)	NA	NA	NA	NA
Renewable Biomass	NA	NA	NA	NA
Renewable energy generated on site	NA	NA	NA	NA

INVOICES ELECTRIC

INVOICES GREEN DIESEL

* 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 used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:	
Groundwater	0	0	0	0	0	0	0	
Surface water	0	0	0	0	0	0	0	
Public supply	89.404 m3	102.844 m3	13.45%		102.844	0	0	0
Recycled water	0	0	0	0	0	0	0	0
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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	5380.84				5380.84
Non-Hazardous (Tonnes)	20051.28				20051.28

Resource Usage/Energy efficiency summary	Lic No: W0196-01	Year	2013
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Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
			SELECT					
			SELECT					
			SELECT					

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

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology	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

WASTE SUMMARY		Lic No:	W0196-01	Year	2013
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

- 1 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

Additional Information	
Yes	
No	

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

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 European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/- %	Reason for reduction/ increase from previous reporting year	Packaging Content (%) only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
	02 07 01	02-WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Fire Water	9.04	17.84	-49%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	02 07 04	02-WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING	Process Effluent	30.08	0.68	4324%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	10 01 26	10- WASTES FROM THERMAL PROCESSES	Cooling Water/Sludge	210.8	60.18	250%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	13 01 13*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste Oil	0.1	0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	13 02 04*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste Oil	71.3	116.14	-39%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	10.65	
	13 02 08*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste Oil	26.87	0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
	13 05 01*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Interceptor Waste	11.14	14.24	-22%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		

WASTE SUMMARY		Lic No:		W0196-01		Year		2013	
13 05 02*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		21.98	58.2	-62%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 05 03*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		338.61	554.279	-39%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 05 06*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water/Interceptor Waste		30.85	66.23	-53%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 05 07*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water/Interceptor Waste		2376.41	2785.485	-15%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 05 08*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Interceptor Waste		35.04	214.74	-84%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 07 01*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Waste Oils		5.62	73.36	-92%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 07 02*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		9.04	0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 07 03*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		55.38	90.89	-39%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 07 05*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		17.88	0	#DIV/0!	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
13 08 02*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Oily Water		1460.01	1205.025	21%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
16 01 05	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Water/Antifreeze	7.00		0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12
16 07 09*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Oily Water/Antifreeze	7.48		4.6	63%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in fial compounds or mixtures which are discarded by means D1 to D12

WASTE SUMMARY		Lic No: W0196-01		Year: 2013						
16 10 01*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Aquos Waste	229.38	12.7	1706%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
16 10 02*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Aqueous Waste	193.30	791.32	-76%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
17 02 04	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Contaminated Wood	28.40	50.92	-44%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	15.24	
19 07 03	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	Leachate	19,245.18	11198.65	72%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
19 09 05	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Process Effluent	40.14	0	#DIV/0!	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
20 01 25	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Grease	52.66	28.56	84%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12	13.47	
20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Sand/Silt	0.86	3.1	-72%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
20 03 04	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Sewage	9.02	0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
20 03 06	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Sewage	446.50	290.685	54%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		
13 05 07*	13- OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)	Interceptor Waste	3.27	0	100%	Changes in the range of jobs which took place between 2012 7 2013	NA	D9-Physico-Chemical treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means D1 to D12		

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WASTE SUMMARY	Lic No: W0196-01	Year: 2013
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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 S53(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?

10 Is leachate released to surface water? 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

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	

Monthly Parameters

Month	Parameter	Date sampled	Result	Carried out by
January	Visual	15/01/2013	Clear	Tom Keogh
	Conductivity (uS)		695	
February	Visual	13/02/2013	Clear	Tom Keogh
	Conductivity (uS)		638	
March	Visual	13/03/2013	Clear	Tom Keogh
	Conductivity (uS)		715	
April	Visual	22/04/2013	Clear	Tom Keogh
	Conductivity (uS)		649	
May	Visual	28/04/2013	Clear	Tom Keogh
	Conductivity (uS)		636	
June	Visual	21/06/2013	Clear	Tom Keogh
	Conductivity (uS)		724	
July	Visual	22/07/2013	Clear	Tom Keogh
	Conductivity (uS)		741	
August	Visual	29/08/2013	Clear	Tom Keogh
	Conductivity (uS)		802	
				Tom Keogh
September	Visual	09/09/2013	Clear	
	Conductivity (uS)		742	
				Tom Keogh
October	Visual	29/10/2013	Clear	
	Conductivity (uS)		761	
November	Visual	26/11/2013	Clear	Tom Keogh
	Conductivity (uS)		757	
December	Visual	02/12/2013	Cloudy	Tom Keogh
	Conductivity (uS)		652	

Quarterly monitoring	1st quarter	2nd quarter	3rd quarter	4th quarter
Date	15/01/2013	22/04/2013	29/08/2013	02/12/2013
pH	7.44	7.21	7.26	7.82
Temperature	11.4	12.3	13.3	12.4
Mineral oil (ug/l)	<10	<10	<10	<10
BTEX (ug/l)	<28	<28	<28	<28
Groundwater level	2.87	2.39	3.16	3.11
Dissolved Oxygen	3.24	3.6	3,07	4.97

Methodology

Visual Inspection/Odour	Visual inspection which identifies the sample as clear or cloudy. Where there is evident gross contamination, additional samples will be analysed.
Groundwater Level	Parameters measured on site with dip tape.
Dissolved Oxygen	Grab sample measured with a portable electronic meter. Licence
Electrical Conductivity	Grab sample measured with a portable electronic meter.
Ph	Grab sample measured with a portable electronic meter.
Temperature	Grab sample measured with a portable electronic meter.
Mineral Oil	Sent to Alcontrol Laboratories for monthly analysis
BTEX	Sent to Alcontrol Laboratories for monthly analysis



Guidance to completing the PRTR workbook

AER Returns Workbook

Version 1.1.18

REFERENCE YEAR	2013
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1. FACILITY IDENTIFICATION

Parent Company Name	MacAnulty Specialist Underground Services Ltd
Facility Name	MacAnulty Clear Drains
PRTR Identification Number	W0196
Licence Number	W0196-01

Waste or IPPC Classes of Activity

No.	class name
3.7	Physico-chemical treatment not referred to elsewhere in this Schedule (including evaporation, drying and calcination) which results in final compounds or mixtures which are disposed of by means of any activity referred to in paragraphs 1. to 10. of this Schedule.
3.11	Blending or mixture prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.12	Repackaging prior to submission to any activity referred to in a preceding paragraph of this Schedule.
3.13	Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where the waste concerned is produced.
4.13	Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending collection, on the premises where such waste is produced.
4.3	Recycling or reclamation of metals and metal compounds.
4.4	Recycling or reclamation of other inorganic materials.
4.6	Recovery of components used for pollution abatement.
4.8	Oil re-refining or other re-uses of oil.
Address 1	John F. Kennedy Industrial Estate
Address 2	John F. Kennedy Road
Address 3	Naas Road
Address 4	Dublin 12
	Dublin
Country	Ireland
Coordinates of Location	-6.35314 53.3279
River Basin District	IEEA
NACE Code	3921
Main Economic Activity	Treatment and disposal of non-hazardous waste
AER Returns Contact Name	Ryan O'Donnell
AER Returns Contact Email Address	RODonnell@enva.ie
AER Returns Contact Position	HSE & Transport Officer
AER Returns Contact Telephone Number	0878164932
AER Returns Contact Mobile Phone Number	0878164932
AER Returns Contact Fax Number	057 8678699
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	
Web Address	

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

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

Do you import/accept waste onto your site for on-site treatment (either recovery or disposal activities)?	No
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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#: W0196 | Facility Name : MacAnulty Clear Drains | Filename : Copy of W0196_2013.xls | Return Year : 2013 |

02/04/2014 15:21

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	QUANTITY		
			Method Code	Designation or Description		T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

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

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

Additional Data Requested from Landfill operators

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

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

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : W0196 | Facility Name : MacAnulty Clear Drains | Filename

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater

RELEASES TO WATERS				
POLLUTANT				
No. Annex II	Name	M/C/E	Method Used	
			Method Code	Designation or Description

* 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				
No. Annex II	Name	M/C/E	Method Used	
			Method Code	Designation or Description

* 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				
Pollutant No.	Name	M/C/E	Method Used	
			Method Code	Designation or Description

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

er, 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			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

Please enter all quantities in this section in KGs			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

Please enter all quantities in this section in KGs			
QUANTITY			
Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0	0.0

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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
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 (Amonia F Phenate Method)	4.3406	4.3406	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 (Amonia F Phenate Method)	20.6972	20.6972	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 Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
306	COD	C	OTH	Standard Methods for the examination of water and wastewater, 18th edition, 1995, part 4000, section 4500- Nitrogen (Amonia F Phenate Method)	31469.2	31469.2	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 (Amonia F Phenate Method)	1870.5	1870.5	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 (Amonia F Phenate Method)	700.27	700.27	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR#: W0196 | Facility Name: MacAnulty Clear Drains | Filename: Copy of W0196_2013.xls | Return Year: 2013 |

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Please enter all quantities on this sheet in Tonnes

13

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste: Name and Licence/Permit No of Next Destination Facility Non-Haz Waste: Name and Licence/Permit No of Recoverer/Disposer	Haz Waste: Address of Next Destination Facility Non-Haz Waste: Address of Recoverer/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	13 02 04	Yes	139.14	mineral-based chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and	Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and
Within the Country	13 05 07	Yes	0.0	oily water from oil/water separators	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and	Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and
Within the Country	13 05 08	Yes	9.24	mixtures of wastes from grit chambers and oil/water separators	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and	Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and
Within the Country	13 07 01	Yes		fuel oil and diesel	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and	Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and
Within the Country	13 08 02	Yes	194.5	other emulsions	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and Enva Ireland,W0184-1,Clonminam Industrial Estate,Portlaoise,Laois,0,Ireland and	Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and Clonminam Industrial Estate,Portlaoise,Laois,,Ireland and
Within the Country	16 01 15	No	38.08	antifreeze fluids other than those mentioned in 16 01 14	R9	M	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Enva Ireland,Smithstown Industrial Estate,Shannon,Clare,0,Ireland and Reiling GmbH,121197630-3,Weetfelder Strasse 36 ,Bonen,,Germany Afvalstoffen Terminal Moerdijk B.V.,1538449,Vlasweg 12 ,4782 PW Moerdijk ,P.O. Box 30 ,4780 AA Moerdijk ,Netherlands	Smithstown Industrial Estate,Shannon,Clare,0,Ireland and Weetfelder Strasse 36 ,Bonen,,Germany
Within the Country	16 05 06	Yes	0.06	laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals	D9	M	Weighed	Offsite in Ireland	Enva Ltd,W0-41/1	Smithtown Industrial ,Shannon ,Co Clare,Ireland	Smithtown Industrial Estate,Shannon,Clare,0,Ireland and Reiling GmbH,121197630-3,Weetfelder Strasse 36 ,Bonen,,Germany Afvalstoffen Terminal Moerdijk B.V.,1538449,Vlasweg 12 ,4782 PW Moerdijk ,P.O. Box 30 ,4780 AA Moerdijk ,Netherlands	Smithstown Industrial Estate,Shannon,Clare,0,Ireland and Weetfelder Strasse 36 ,Bonen,,Germany
To Other Countries	17 02 04	Yes	41.46	glass, plastic and wood containing or contaminated with dangerous substances	R1	M	Weighed	Abroad	Reiling GmbH,121197630-3	Smithtown Industrial ,Shannon ,Co Clare,Ireland	Smithtown Industrial Estate,Shannon,Clare,0,Ireland and Reiling GmbH,121197630-3,Weetfelder Strasse 36 ,Bonen,,Germany Afvalstoffen Terminal Moerdijk B.V.,1538449,Vlasweg 12 ,4782 PW Moerdijk ,P.O. Box 30 ,4780 AA Moerdijk ,Netherlands	Weetfelder Strasse 36 ,Bonen,,Germany
Within the Country	17 05 03	Yes	181.48	Filter press cake	D8	M	Weighed	Abroad	Enva Ireland Ltd,W0-184/1	Clonminam Industrial Estate,Portlaoise,Co Laois,Co Laois,Ireland	Enva Ireland,W0184-1,Enva Ireland,Smithstown Industrial Estate,Shannon,Clare,0,Ireland and Reiling GmbH,121197630-3,Weetfelder Strasse 36 ,Bonen,,Germany Afvalstoffen Terminal Moerdijk B.V.,1538449,Vlasweg 12 ,4782 PW Moerdijk ,P.O. Box 30 ,4780 AA Moerdijk ,Netherlands	Vlasweg 12 ,4782 PW Moerdijk ,P.O. Box 30 ,4780 AA Moerdijk ,Netherlands
Within the Country	19 08 05	No	1.82	sludges from treatment of urban waste water	D13	M	Weighed	Offsite in Ireland	Thorntons Recycling Kileen Road Dublin,NWCPO-09-01190-01	Kileen Road,1,Dublin,Co Dublin,Ireland	Thorntons Recycling Kileen Road,1,Dublin,Co Dublin,Ireland	College Proteins,College Road,Nobber,Co Meath,Ireland
Within the Country	20 01 25	No	21.88	edible oil and fat	D9	M	Weighed	Offsite in Ireland	College Proteins,P0037-03	College Proteins,College Road,Nobber,Co Meath,Ireland	College Proteins,College Road,Nobber,Co Meath,Ireland	College Proteins,College Road,Nobber,Co Meath,Ireland

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

[Link to previous years waste data](#)

[Link to previous years waste summary data & percentage change](#)

[Link to Waste Guidance](#)