Facility Information Summary					
AER Reporting Year	2013				
Licence Register Number	W0196-01				
Name of site	MacAnulty Specialist Underground Services Limited.				
	John F. Kennedy Industrial Estate, Johnb F. Kennedy Road, Naas				
Site Location	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				
	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				
A description of the activities (processes at the site for the reporting year. This should include	activities for the site have remained the same for 2013 as for 2012. The quantities				
A description of the activities/processes at the site for the reporting year. This should include	of waste per EWC code has fluctuated as expected due to the range of EWC codes				
information such as production increases or decreases on site, any intrastructural changes,	which the site accepts within a reporting year. There has been no changes in				
environmental performance which was measured during the reporting year and an overview	infrastructure and no exceedances of licence limits. There was one non				
of compliance with your licence listing all exceedances of licence limits (where applicable)	compliance when a visit occurred on 29/07/2013 and IBCs were placed on the				
and what they relate to e.g. air, water, noise.	yard when a curtain sided vehicle was being unloaded instead of being transferred				

Declaration:

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

Signature Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

Date

document to view individual reporting areas.

to storage area which was bunded. Please refer to the relevant parts of this

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

Answer all questions and complete all tables where relevant

Additional information

Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current 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 <u>do not</u> need to complete the tables

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		
3	Basic air Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? monitoring checklist AGN2	SELECT	ΝΑ	

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 therof	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?	SELECT				
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compar it to its relevant Emission Limit Value (ELV)	e 			_	
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT			_	
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT			_	
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	SELECT				

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

AIR-summary	template				Lic No:	W0196-01		Year	2013
Solvent	t use and manageme	nt on site							
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5									
Fable A4: Solvent Management Plan Summary Solvent Please refer to linked Fotal VOC Emission limit value regulations complete t			Please refer to linked solver complete table 5	nt regulations to and 6		<u>No</u>	<u> </u>		
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance				
					SELECT				
					SELECT				
Table A5:	Solvent Mass Baland	ce summary							1
(I) Inputs (kg)				(0)	Outputs (kg)				
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)	
									-
									4
							Total		

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic	No: W0196-01	Year	2013	
		Additional information			
Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you <u>only</u> need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes				
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 <u>only any evidence of contamination noted during visual inspections</u>	No				

5

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
										Quarterly
614/1				05/42/2042			7.70			Sample, Highest
5001				05/12/2013			7.79			Value Of The
	onsite	SELECT	nH			N/A		nH units	ves	Here
	Unsite	566601	pri			in the second seco		pri dinto	105	Quarterly
										Sample, Highest
SW1				25/03/2013			5.35			Value Of The
										Yaer Qouted
	onsite		BOD			N/A		mg/L	yes	Here
										Quarterly
										Sample, Highest
SW1				05/12/2014			41.5			Value Of The
										Yaer Qouted
	onsite		COD			N/A		mg/L	yes	Here
										Quarterly Sample, Highest
SW/1				05/12/2014			20			Value Of The
5001				05/12/2014			20			Value Or The Vaer Oouted
	onsite		Suspended Solids			N/A		mg/l	ves	Here
									1.00	Quarterly
										Sample, Highest
SW1				05/12/2014	5000		1200			Value Of The
										Yaer Qouted
	onsite		Mineral oils		1	All values < ELV		ug/L	ves	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 bri	ef details in the		
-	comment section of Table W3 below		No	Additional information
	Was all monitoring carried out in accordance with EPA guidance			
	and checklists for Quality of Aqueous Monitoring Data Reported External /Interna	_		
	to the EPA? If no please detail what areas require improvement Lab Quality	Assessment of		
4	in additional information box checklist	results checklist	Yes	

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

												Proced ed	ır	
												ural al		
												referen ref	er	
Emission		Parameter/		Frequency of					Unit of	Compliant with		ce en	e Annual mass load	
reference no:	Emission released to	SubstanceNote 1	Type of sample	monitoring	Averaging period	ELV or trigger values in licence or any revision therof ^{Note 2}	Licence Compliance criteria	Measured value	measurement	licence	Method of analysis	source sta	n (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 Monitori	ng returns summa	ary template-WATER,	/WASTEWATER	(SEWER)	Lic No: W0196-01			W0196-01 Year 201				
D10	Wastewater/Sewer	рН	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			1
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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	l	Lic No:	W0196-01	Year	2013
Continuous monitoring 5 Does your site carry out continuous emissions to water/sewer monitoring?	No		Additional Information		
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)					
Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	No				
7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	Yes				
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	SELECT				

Table W4: Summary of average emissions -continuous monitoring

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

7

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline tes	ting template				Lic No:	W0196-01		Year	201	3				
Bund testing		drondown menu cli	ick to see ontions				Additional information							-
				(1)										
Are you required by you	ur licence to undertake inte	egrity testing on bunds and contain	nment structures ? If yes plea	ise fill out table B1 below li	isting all new bunds and									
containment structures	s on site, in addition to all t	bunds which railed the integrity te	st-all bunding structures whi	ch tailed including mobile i	bunds must be listed in the									
table below, please incl	ciude all bunds outside the	ilcenced testing period (mobile bu	inds and chemstore included			Yes								
Please provide integrity	y testing frequency period					3 years								
Does the site maintain	a register of bunds, underg	ground pipelines (including stormw	vater and foul), Tanks, sumps	and containers? (containe	rs refers to "Chemstore"									
type units and mobile b	ounds)					Yes								
How many bunds are or	in site?						5							
How many of these bur	nds have been tested within	n the required test schedule?					5							
How many mobile bund	ds are on site?						0							
Are the mobile bunds in	ncluded in the bund test sc	hedule?				No								
How many of these mol	bile bunds have been teste	ed within the required test schedul	le?				0							
How many sumps on sit	ite are included in the integ	rity test schedule?					0							
How many of these sun	mps are integrity tested wit	hin the test schedule?					0							
Please list any sump int	tegrity failures in table B1						0	_						
Do all sumps and chami	bers have high level liquid a	alarms?				N/A								
If yes to Q11 are these	failsafe systems included in	n a maintenance and testing progr	amme?			N/A								
Is the Fire Water Reten	ntion Pond included in your	integrity test programme?				N/A								
Tal	ble B1: Summary details of	hund /containment structure inte	grity test	Г										
	bie bit Summary details of	build yeontaininent structure inte	Bitytest											
														Resu
									Integrity reports					rete
Bund/Containment									maintained on		Integrity test failure		Scheduled date	curre
structure ID	Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?	Results of test	explanation <50 words	Corrective action taken	for retest	repo
* Canacity required should com	noly with 25% or 110% containment ru	ule as detailed in your licence					Commentary							
Has integrity testing be	en carried out in accordance	ce with licence requirements and a	are all structures tested in											
line with BS8007/EPA G	Guidance?			bunding and storage guide	lines	Yes								
Are channels/transfer s	systems to remote containn	ment systems tested?				No								
Are channels/transfer s	systems compliant in both i	integrity and available volume?				No								
Pipeline/undergr	round structure testing	Т												
Are you required by you	ur licence to undertake inte	egrity testing* on underground str	uctures e.g. pipelines or sum	ps etc ? if yes please fill ou	t table 2 below listing all									
underground structures	s and pipelines on site whic	ch failed the integrity test and all v	which have not been tested w	vithing the integrity test pe	eriod as specified	No		_						
Please provide integrity	y testing frequency period					SELECT	Not applicable							
*please note integrity t	testing means water tightne	ess testing for process and foul pip	pelines (as required under yo	ur licence)										
Table	le B2: Summary details of pi	ipeline/underground structures in	tegrity test	Ţ										

8

Standard D	T		Does this structure have	Type of secondary containment	T	Integrity reports		Integrity test failure explanation	Corrective action	Scheduled date	Results of retest(if in current
Structure ID	Type system	Material of construction:	Secondary containment?		Type integrity testing	maintained on site?	Results of test	<50 words	taken	for relest	reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

Lic No:

W0196-01

2013

Year

		Comments	
¹ Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		Please provide an interpretation of groundwater monitoring data
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		in the interpretation box below or if you require additional space
3 Do you extract groundwater for use on site? If yes please specify use in comment section	no		please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria 4 such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. template	no		
5 Is the contamination related to operations at the facility (either current and/or historic)	N/A		
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 assesment been carried out for the site?	no		
10 Has a Conceptual Site Model been developed for the site?	no		Please find attached at the end of this workbook (final
11 Have potential receptors been identified on and off site?	no		tab) called groundwater. This provides results for 2013 and
12 Is there evidence that contamination is migrating offsite?	no		amethadology 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	GTV's*	SELECT**	Upward trend in pollutant concentration over last 5 years of monitoring data

.+ 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

Groundwa	ter/Soil mor	itoring templ	ate		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	
*please note (for a substanc	exceedance of ge e indicates that fu Guideline Temp	neric assessment cr Irther interpretation late Report at the li	iteria (GAC) such as a Ground n of monitoring results is requi nk provided and submit separa	water Threshold Value red. In addition to con ately through ALDER a	e (GTV) or an Interim Gu npleting the above table s a licensee return or as	ideline Value (IGV) or e, please complete th otherwise instructed	an upward trend in results e Groundwater Monitoring by the EPA.	<u>Grou</u>	ndwater monite	ring template	
Aore informati isk assessment	on on the use of s tools is available	oil and groundwate in the EPA publishe	er standards/ generic assessme d guidance (see the link in G31	nt criteria (GAC) and .)	Guidance on th	e Management of (Contaminated Land and Gr	oundwater a	EPA Licensed S	<u>ites (EPA 2013).</u>	

Groundwa	ter/Soil mor	nitoring temp	late		Lic No:	W0196-01	Year	2013
 Table 3: So	il results							
Data of	Sample	Decemeter/		Monitoring	Movimum	Average		

Date of sampling	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

Commentary ELRA initial agreement status 1 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 losure 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 Financial Provision for Closure - type 12 SELECT To be determined 13 Financial provision for Closure expiry date Enter expiry date To be determined

Lic No:

2013

Year

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0196-01	Year	2013
	Highlighted cells contain dropdown menu click to view		Additional Information		-	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes				
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
	Improve yard surface		Poviow ward integrity		
	improve yard surface		Review yard integrity,		
	integrity -Seal cracks in		identify areas which need		Increased compliance with
Groundwater protection	surface.	10	replacement/repair.	Section Head	licence conditions
			Develop a documented		
	Improve yard surface		check of yard integrity and a		
	integrity -Seal cracks in		system for recording of		Increased compliance with
Groundwater protection	surface	0	renairs / improvements made	Section Head	licence conditions
	Surface.	0		Jection neau	

Noise monitoring summary report Lic No:	W0196-01	Year 2013
1 Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below	Yes	
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the Guidance "Checklist for noise measurement report" included in the guidance note as table 6? <u>note NG4</u>	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 <u>site</u> 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

SELECT

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

Any additional comments? (less than 200 words)

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

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

1 Site	J			
		Production +/- %	Energy	
		compared to	Consumption +/- %	
		previous reporting	vs overall site	
Previous year	Current year	year**	production*	
69349	103670			INVOICES ELECTRIC
NA	NA	NA	NA	
NA	NA	NA	NA	
69349	103670			
) NA	NA	NA	NA	
) 1.5	1.5	0	1.5	INVOICES GREEN DIESEL
) NA	NA	NA	NA	
) NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
NA	NA	NA	NA	
	Previous year 69349 NA 69349 NA 69349 NA 1.5) NA 1.5) NA NA NA NA	Previous year Current year 69349 103670 NA NA NA NA NA NA NA NA 103670 103670 NA NA 103670 103670 NA NA NA NA	Previous year Current year Production +/- % compared to previous reporting year** 69349 103670 NA NA NA <td>Previous year Current year Production +/- % compared to previous reporting year** Energy Consumption +/- % vs overall site production* NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA MA NA NA NA NA 0 103670 - - 0 103670 - - 0 1.5 0 1.5 1 NA NA NA NA NA NA NA</td>	Previous year Current year Production +/- % compared to previous reporting year** Energy Consumption +/- % vs overall site production* NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA MA NA NA NA NA 0 103670 - - 0 103670 - - 0 1.5 0 1.5 1 NA NA NA NA NA NA 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

1

2

3

Table R2 Water usage on a	site	Í			Water Emissions	Water Consumption	
						Volume used i.e not	
			Production +/- %	Energy		discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m ³ yr):	m3/yr	Unaccounted for Water:
Groundwater	0	0	0	0	0	0	
Surface water	0	0	0	0	0	0	
Public supply	89.404 m3	102.844 m3	13.45%		102.844	0	0
Recycled water	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 Sum					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	5380.84				5380.84
Non-Hazardous (Tonnes)	20051.28				20051.28

2013

0

Resource	e Usage/Energy efficiency summary				Lic No:	W0196-01		Year	2013
	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 NA NA NA NA Primary Fuel 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 NA Total Running Time 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

	Complaints and Incidents summary template		Lic No:	W0196-01	Year	2013	
-	Complaints						
	Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	SELECT	Additional information]			

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

						_						
		Incident	S									
					Additional information	_						
Have any incidents	occurred on site in the current repor	ting year? Please list all incide	nts for current reporting									
	year in Tab	le 2 below		Yes								
						_						
*For information on	how to report and what constitutes											
r or information on	an incident	What is an incident										
	an incident											
Table 2 Incidents sur	nman/		1									
Tuble 2 meldents sal						Other	Activity in				Preventative	
			Incident category*please			cause(please	progress at time			Corrective action<20	action <20	
Date of occurrence	Incident nature	Location of occurrence	refer to guidance	Receptor	Cause of incident	specify)	of incident	Communication	Occurrence	words	words	Resolution
29/07/2013	Other(please specify)	Other location (please specify	1. Minor	Water	Operational controls		Normal activities	EPA	New	IBCs were moved off o	Operator putti	Complete
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT
Total number of												
incidents current												
year	1											
Total number of												
incidents previous												
year												
% reduction/												
increase												

Resolution

Resolution status date

Likelihood of

reoccurence

SELECT SELECT

SELECT

SELECT

SELECT

WASTE SUMMARY	Lic No:	W0196-01	Year	2013
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IF	PPC 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
 Additional Information

 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 1 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
 Yes

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

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

Licenced annual	EWC code	Source of waste accepted	Description of waste	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recovery or	Quantity of	Comments -
nnage limit for your			accepted	accepted in current	previous reporting year (tonnes)	Increase over	reduction/ increase	only applies if the	treatment operation carried out	waste	
site (total			Please enter an	reporting year (tonnes)		previous year +/ -	from previous	waste has a packaging	at your site and the description	remaining on	
tonnes/annum)			accurate and detailed			%	reporting year	component	of this operation	site at the end	
			description - which							of reporting	
			applies to relevant EWC							year (tonnes)	
			code								
	European Waste Catalogue EWC codes		European Waste								
			Catalogue EWC codes								
		02-WASTES FROM									
		AGRICULTURE,									
		HORTICULTURE,					Change in the		D9-Physico-Chemical treatment		
		AQUACULTURE, FURESTRY,					changes in the		not specified elsewhere which		
		HUNTING AND FISHING, FOUD					range of Jobs Which		results in fial compounds or		
	03 07 01	PREPARATION AND	Fire Water	0.04	17.94	40%	2012 7 2012	NA	hu magne D1 to D12		
	02 07 01	02 WASTES FROM	File Water	5.04	17.84	-4378	2012 / 2013	INA	by means D1 to D12		
		HORTICULTURE							DQ-Physico-Chemical treatment		
							Changes in the		not specified elsewhere which		
		HUNTING AND FISHING FOOD					range of jobs which		results in fial compounds or		
		PREPARATION AND					took place between		mixtures wheich are discarded		
	02 07 04	PROCESSING	Process Effluent	30.08	0.68	4324%	2012 7 2013	NA	by means D1 to D12		
									D9-Physico-Chemical treatment		
							Changes in the		not specified elsewhere which		
							range of jobs which		results in fial compounds or		
		10- WASTES FROM THERMAL					took place between		mixtures wheich are discarded		
	10 01 26	PROCESSES	Cooling Water/Sludge	210.8	60.18	250%	2012 7 2013	NA	by means D1 to D12		
									D9-Physico-Chemical treatment		
		13- OIL WASTES AND WASTES					Changes in the		not specified elsewhere which		
		OF LIQUID FUELS (except					range of jobs which		results in fial compounds or		
		edible oils, and those in					took place between		mixtures wheich are discarded		
	13 01 13*	chapters 05, 12 and 19)	Waste Oil	0.1	0	100%	2012 7 2013	NA	by means D1 to D12		
									DD Dharing Chaming Inner		
							Changes in the		D9-Physico-Chemical treatment		
		13- UIL WASTES AND WASTES					changes in the		not specified elsewhere which		
		or LIQUID FUELS (except					range of Jobs which		results in Jiai compounas or		
	13.02.04*	chapters 05, 12 and 19)	Waste Oil	71.3	116.14	-30%	2012 7 2013	NA	hy means D1 to D12	10.65	
	15 02 04	chapters 05, 12 and 15/	Traste Oil	/1.3	110.14	-35%	2012 / 2013		0, means 01 (0 012	10.05	
									D9-Physico-Chemical treatment		
		13- OIL WASTES AND WASTES					Changes in the		not specified elsewhere which		
	13 02 08*	OF LIQUID FUELS (except	Waste Oil				range of jobs which		results in fial compounds or		
		edible oils, and those in					took place between		mixtures wheich are discarded		
		chapters 05, 12 and 19)		26.87	0	100%	2012 7 2013	NA	by means D1 to D12		
									D9-Physico-Chemical treatment		
	13.05.01*	13- OIL WASTES AND WASTES	Intercenter Waste				Changes in the		not specified elsewhere which		
	13 03 01	OF LIQUID FUELS (except	interceptor waste				range of jobs which		results in fial compounds or		
		edible oils, and those in					took place between		mixtures wheich are discarded		
		chapters 05, 12 and 19)		11.14	14.24	-22%	2012 7 2013	NA	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 wheich 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 wheich 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 wheich 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 wheich 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 wheich 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 wheich 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 wheich 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 wheich 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 wheich 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 wheich are discarded by means D1 to D12	147.76	
	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 wheich 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 wheich 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 fial compounds or mixtures wheich are discarded by means D1 to D12		
	16 10 02*	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Aqueos 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 fial compounds or mixtures wheich 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 fial compounds or mixtures wheich 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 fial compounds or mixtures wheich 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 fial compounds or mixtures wheich are discarded by means D1 to D12		
	20 01 25	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTE 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 fial compounds or mixtures wheich 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	31	-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 fial compounds or mixtures wheich 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 fial compounds or mixtures wheich 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 fiol compounds or mixtures wheich are discarded by means D1 to D12		
35400in tote	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 fial compounds or mixtures wheich are discarded by means D1 to D12		

WASTE SUMMARY

W0196-01

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES

Lic No:

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

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

6 Does your facility have relevant nuisance controls in place?

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

8 Do you maintain a sludge register on site?

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

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

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	Lined disposal area occupied by waste	Unlined area
										SELECT UNIT	SELECT UNIT	SELECT UNIT
Cell 8												

Yes	
Yes	
Yes	
No	
No	

Year

#NAME?

2013

able 4 Environmental monitoring-landfill only Landfill Manual-Monitoring Standards as metrological molitoring in molitoring in madfall Directive (LD) andard in reporting year Result Manual-Monitoring Standards was sequence with madfall Directive (LD) andard 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 Mase GW trigger levels year Were emission limit values agreed with the Agency (ELVs) Mase standard in reporting year Surveyed in reporting year Comments
Was metological monitoring in ompliance with Lub standard in reporting year Participation in vas landard in reporting year Participation in vas minitoring in vas landard in reporting year Participation in vas minitoring in v

SELECT SELECT

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

*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 leashets in		Looshota (COD) mass lood	Looshoto (NH4) mass	Langhata (Chlavida)		Specify type of	
	volume of feachate in		Leachate (COD) mass load	Leachate (14114) mass	Leachate (Chioride)	• • · · · · ·	leachate	<i>a i</i>
ļ	reporting year(m3)	Leachate (BOD) mass load (kg/annum)	(kg/annum)	load (kg/annum)	mass load kg/annum	Leachate treatment on-site	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

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

Monthly Parameters

	Parameter	Date sampled	Result	Carried out
Month				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	
October	Visual	29/10/2013	Clear	Tom Keogh
	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	
рН	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	

Methado	logy
	Visual inspection which identifies the sample as clear or cloudy. Where
Visual Inspection/Odour	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

CODO CODO Environmental Protection Agency | PRTR# : W0196 | Facility Name : MacAnulty Clear Drains | Filename : W0196_2013.xls | Return Year : 2013 |

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Guidance to completing the PRTR workbook

REFERENCE YEAR 2013 ACILITY 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 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 3.7 referred to in paragraphs 1. to 10. of this Schedule. Blending or mixture prior to submission to any activity referred to in a 3.11 preceding paragraph of this Schedule. Repackaging prior to submission to any activity referred to in a 3.12 preceding paragraph of this Schedule. Storage prior to submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, pending 3.13 collection, on the premises where the waste concerned is produced. Storage of waste intended for submission to any activity referred to in a preceding paragraph of this Schedule, other than temporary storage, 4.13 pending collection, on the premises where such waste is produced. 4.3 Recycling or reclamation of metals and metal compounds. A.3 Recycling or reclamation of means and mean compound A.4 Recycling or reclamation of other inorganic materials. A.6 Recovery of components used for pollution abatement. A.8 Dil re-refining or other re-uses of oil. Address 1 John F. Kenndy 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 3821 Main Economic Activity Treatment and disposal of non-hazardous waste AER Returns Contact Name Ryan ODornell enviro AER Returns Contact Email Address Robonnell enviro AER Returns Contact Email Address Robonnell enviro AER Returns Contact Teslen Nieß E A Transport Officer AER Returns Contact Telephone Number 0878164322 AER Returns Contact Telephone Number 0878164322 AER Returns Contact Fax Number 057 8678699 Production Volume Production Volume Units Number of Installations Number of Operating Hours in Year Number of Employees User Feedback/Comments User Friendy Document Web Address http://www.enva.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 20	02)
Is it applicable?	No
Have you been granted an exemption ?	No
If applicable which activity class applies (as per	
Schedule 2 of the regulations) ?	NA
Is the reduction scheme compliance route being	
used ?	NA
4. WASTE IMPORTED/ACCEPTED ONTO SITE	Guidance on waste imported/accepted onto si
Do you import/accept waste onto your site for on-	
site treatment (either recovery or disposal activities)	
2	No

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 : W0196_2013.xls | Return Year : 2013 |

Places onter all quantities in this section in KCs

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs				
PO	LLUTANT		ME	ETHOD			QUANTITY		
			Method Used						
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year		A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0		0.0	0.0	0.

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

SECTION B : REMAINING PRTR POLLUTANTS

	RELEASES TO AIR				Please enter all quantities	in this section in KG	s		
PO	LLUTANT			METHOD			Q	UANTITY	
				Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A	(Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	1	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 i	in your Licence)
	RELEASES TO AIR

					i louoo ontor un quantitioo				
POLLUTANT				METHOD			QUANTITY		
			Method Used						
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Yea	F (Fugitive) KG/Year	
		_			0.0		0.0	0.0	

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

Additional Data Requested from Landfill operators											
For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators build 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			Method Used								
		MICIE	Mathead Cards	Designation or	Facility Total Capacity m3						
T () () () () () () () () () (i (lotal) kg/Year	M/C/E	Method Code	Description	per hour						
I otal estimated methane generation (as per	0.0				N//A						
Site model)	0.0				N/A 0.0	(Total Floring Consoits)					
Methane Hared	0.0				0.0	(Total Flaring Capacity)					
Net methone emission (as reported in Eastion	0.0				0.0	(Total Utilising Capacity)					
A above)	0.0				N/A						

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREAT	MENT OR SEWER			Please enter all quantities in this section in KGs			
	POLLUTANT		N	IETHOD	QUANTITY			
				Method Used				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
				Standard Methods for the				
				examination of water and				
				wastewater, 18th edidtion,				
				1995,part 4000, section				
				4500- Nitrogen (Amonia F				
20	Copper and compounds (as Cu)	С	OTH	Phenate Method)	4.34	06 4.3406	0.0	0.0
				Standard Methods for the				
				examination of water and				
				wastewater, 18th edidtion,				
				1995,part 4000, section				
				4500- Nitrogen (Amonia F				
24	Zinc and compounds (as Zn)	С	OTH	Phenate Method)	20.69	72 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 DESTIN	ED FOR WASTE-WATER TREATME	ENT OR S	SEWER		Please enter all quantities in this section in KGs					
	POLLUTANT	METHOD			QUANTITY						
					Method Used						
Pollutant No.	Name	N	//C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year		
					Standard Methods for the						
					examination of water and						
					wastewater, 18th edidtion,						
					1995,part 4000, section						
					4500- Nitrogen (Amonia F						
306	COD	C)	OTH	Phenate Method)	31469.2	31469.2	0.0	0.0		
					Standard Methods for the						
					examination of water and						
					wastewater, 18th edidtion,						
					1995,part 4000, section						
					4500- Nitrogen (Amonia F						
240	Suspended Solids	C)	OTH	Phenate Method)	1870.5	1870.5	0.0	0.0		
					Standard Methods for the						
					examination of water and						
					wastewater, 18th edidtion,						
					1995,part 4000, section						
					4500- Nitrogen (Amonia F						
343	Sulphate	C	2	OTH	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 : W0196_2013.xis Return Year: 2013 22/04/2014 14:32												
			Please enter a	all quantities on this sheet in Tonnes								19
			Quantity (Tonnes per Year)		Waste		Method Used	-	Haz Waste : Name and Licence/Permit No of Next Destination Facility <u>Non</u> <u>Haz Waste</u> : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility <u>Non Haz Waste</u> : 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)
Transfor Destination	European Waste	Hazardouc		Description of Wasto	Treatment	M/C/E	Mothod Llood	Location of				
Transier Destination	Code	Hazaruous		Description of Waste	Operation	IVI/C/E	Wethod Used	Heatment			Enva Ireland.W0184-	
										Clonminam Industrial	1,Clonminam Industrial	Clonminam Industrial
Within the Country	12.02.04	Vee	76.40	mineral-based chlorinated engine, gear and	BO		Weighed	Offsite is Ireland	Enviro Iroland Ltd WO 194/1	Estate,Portlaoise,Co	Estate,Portlaoise,Laois,0,Irel	Estate,Portlaoise,Laois,.,Irel
within the Country	13 02 04	Tes	70.12	lubricating ons	R9	IVI	weighed	Onsite in freiand	Eliva irelanu Llu, wo-164/1	Laois, Co Laois, ireianu	Enva Ireland W0184-	anu
										Clonminam Industrial	1,Clonminam Industrial	Clonminam Industrial
										Estate,Portlaoise,Co	Estate,Portlaoise,Laois,0,Irel	Estate,Portlaoise,Laois,.,Irel
Within the Country	13 08 02	Yes	46.722	other emulsions	R9	м	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Laois,Co Laois,Ireland	and Beiling Cmbb 121107620	and
				glass, plastic and wood containing or						Strasse.36.Bonen.59199.Ge	3.Weetfelder Strasse 36	Weetfelder Strasse 36
To Other Countries	17 02 04	Yes	23.32	contaminated with dangerous substances	R1	М	Weighed	Abroad	Reiling GmbH,121197630-3	rmany	,Bonen,,Germany	,Bonen,.,,,Germany
										College Proteins,College		
Within the Country	20.01.25	No	50.52	edible oil and fat	D9	м	Weighed	Offsite in Ireland	College Proteins P0037-03	Road,Nobber,Co Meath Ireland		
within the obuility	20 01 23	140	00.02		55	101	Weighed	Offsite in ficiality	Concige i Totenia,i Coor Co	College Proteins.College		
				materials unsuitable for consumption or						Road,Nobber,Co		
Within the Country	02 07 04	No	59.12	processing	D9	М	Weighed	Offsite in Ireland	College Proteins, P0037-03	Meath, Ireland	Lis da a basida 474 400000 Ka	
										Clonminam Industrial	ombacher Strasse 42 -	Krombacher Strasse 42 -
										Estate,Portlaoise,Co	46,Kreutzal,D57223,German	46,Kreutzal,D57223,German
Within the Country	13 02 08	Yes	76.76	other engine, gear and lubricating oils	R9	М	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Laois,Co Laois,Ireland	у	У
										Clonminam Industrial	Enva Ireland,W0184-	Clonminom Industrial
				solids from grit chambers and oil/water						Estate,Portlaoise,Co	Estate,Portlaoise,Laois,0,Irel	Estate,Portlaoise,Laois,Irel
Within the Country	13 05 01	Yes	61.36	separators	R12	М	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Laois,Co Laois,Ireland	and	and
										Oleanatiana la dustrial	Enva Ireland,W0184-	Oleannian an Industrial
										Estate Portlaoise Co	Estate Portlaoise Laois 0. Irel	Estate Portlaoise LaoisIrel
Within the Country	13 05 02	Yes	5.9	sludges from oil/water separators	R9	М	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Laois,Co Laois,Ireland	and	and
											Enva Ireland,W0184-	o
										Clonminam Industrial	1,Clonminam Industrial Estate Portlaoise Laois 0 Irel	Cionminam Industrial
Within the Country	13 05 03	Yes	19.96	interceptor sludges	R9	М	Weighed	Offsite in Ireland	Enva Ireland Ltd,W0-184/1	Laois,Co Laois,Ireland	and	and
											Enva Ireland,W0184-	_
				soil and stones containing dangerous						Clonminam Industrial	1,Clonminam Industrial	Clonminam Industrial
Within the Country	17 05 03	Yes	172.88	substances	R12	м	Weighed	Offsite in Ireland	Enva Ireland Ltd.W0-184/1	Laois.Co Laois.Ireland	and	and
										Clonminam Industrial		
Within the Occuptor	40.00.00	N	50.00	premixed wastes composed only of non-	D 40		Malakad	Officity in Instand	Environment and the Mile 404/4	Estate,Portlaoise,Co		
within the Country	19 02 03	INO	58.38	nazardous wastes	R12	IVI	weigned	Offsite in Ireland	Enva Ireland Ltd, W0-184/1	Laois, Co Laois, Ireland		
										Unit 1, Monread Commercial		
									AES Ireland, WCP-OY-08-	Park,Monread Road Naas,		
Within the Country	19 09 05	No	18.66	saturated or spent ion exchange resins	D1	м	Weighed	Offsite in Ireland	0601-01	Co Kildare, Ireland		
										Estate, Thurles, Co		
Within the Country	20 01 08	No	10.26	biodegradable kitchen and canteen waste	D9	М	Weighed	Offsite in Ireland	AQS,WCP-KK-12-583-01	Tipperary, Ireland		
										1,Archerstown Industrial		
Within the Country	20 01 25	No	50.52	edible oil and fat	D9	М	Weighed	Offsite in Ireland	AQS,WCP-KK-12-583-01	Tipperary, Ireland		
									MSM Recycling, WFP-TN-	Anagh,Birr,Co		
Within the Country	20 01 40	No	2.28	metals	D9	М	Weighed	Offsite in Ireland	11.0003-02	Tipperary,NA,Ireland		
		"Select a row b	by double-clicking t	he 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