Facility Information Summary

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

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.

2015	
WO-205091	
Greyhound Recyclii	ng and Recovery
Crag Avenue, Clondalking In	dustrial Estate, Dublin 22
3833	2
Recovery of sort	ted materials
53°19'48.3"N 6	5°23'23.4"W

The main functions of the recycling facility are to sort, separate and process all of the waste arriving to the site. The warehouse buildings house all of the waste operations and processes on site. The waste accepted on site is diverted from landfill and processed into a recycable fraction / RDF Fraction for submission to recycling or Energy Recovery. Greyhound Recycling and Recovery believes that by applying aggressive segregation systems at the source our customers can then divert their waste into resources for the recycling and recovery markets.

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 Joe O Regan Date 31/03/2016
Group/Facility manager
(or nominated, suitably qualified and experienced deputy)

R Monitoring returns summary template-WATER/WASTEWATER(SEWER)		Lic No:	WO-205091	Year	2015	
			Additional information			
pes 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 ther questions. If you do not have licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes					
is it a requirement of your licence to carry out visual inspections on any surface water charges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	Yes		No contamination detected during observation period			
ıs i	W1 and or W2 for storm water analysis and visual inspections it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below	W1 and or W2 for storm water analysis and visual inspections it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below hummarising only any evidence of contamination noted during visual inspections Yes	W1 and or W2 for storm water analysis and visual inspections it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below unmarising only any evidence of contamination noted during visual inspections.	W1 and or W2 for storm water analysis and visual inspections it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections. Yes No contamination detected during observation period	W1 and or W2 for storm water analysis and visual inspections Yes it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections. Yes No contamination detected during observation period	W1 and or W2 for storm water analysis and visual inspections Yes it a requirement of your licence to carry out visual inspections on any surface water harges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections Yes No contamination detected during observation period

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
SW1	onsite	SELECT	рН	16/01/2015		N/A	7.48	pH units	yes	
SW1	onsite	SELECT	рН	15/04/2015		N/A	8.79	pH units	yes	
SW1	onsite	SELECT	pН	08/07/2015		N/A	7.44	pH units	yes	
SW1	onsite	SELECT	pH	10/12/2015		N/A	7.25	pH units	yes	
SW1	onsite	SELECT	COD	16/01/2015		N/A	57	mg/L	yes	
SW1	onsite	SELECT	COD	15/04/2015		N/A	44	mg/L	yes	
SW1	onsite	SELECT	COD	08/07/2015		N/A	13	mg/L	yes	
SW1	onsite	SELECT	COD	10/12/2015		N/A	<8	mg/L	yes	
SW1	onsite	SELECT	Suspended Solids	16/01/2015		N/A	2	mg/L	yes	
SW1	onsite	SELECT	Suspended Solids	15/04/2015		N/A	6	mg/L	yes	
SW1	onsite	SELECT	Suspended Solids	08/07/2015		N/A	<2	mg/L	yes	
SW1	onsite	SELECT	Suspended Solids	10/12/2015		N/A	<2	mg/L	yes	
SW1	onsite	SELECT	ats, Oils and Grease	16/01/2015		N/A	<1	mg/L	yes	
SW1	onsite	SELECT	ats, Oils and Grease	15/04/2015		N/A	2.9	mg/L	yes	
SW1	onsite	SELECT	ats, Oils and Grease	08/07/2015		N/A	<1	mg/L	yes	
SW1	onsite	SELECT	ats, Oils and Grease	10/12/2015		N/A	<1.0	mg/L	yes	
SW1	onsite	SELECT	Conductivity	16/01/2015		N/A	384	μS/cm @20oC	yes	
SW1	onsite	SELECT	Conductivity	15/04/2015		N/A	439	μS/cm @20oC	yes	
SW1	onsite	SELECT	Conductivity	08/07/2015		N/A	605	μS/cm @20oC	yes	
SW1	onsite	SELECT	Conductivity	10/12/2015		N/A	345	μS/cm @20oC	yes	-

^{*}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 y comment section of Table W3		ef details in the	No	Additional information
	Was all monitoring carried out in accordance with EPA				
	guidance and checklists for Quality of Aqueous Monitoring	External /Internal			
	Data Reported to the EPA? If no please detail what areas	Lab Quality	Assessment of		
4	require improvement in additional information box	checklist	results checklist	Yes	

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring		ELV or trigger values in licence or any revision therof ^{Note 2}	Licence Compliance criteria			Compliant with licence		Procedural	Procedural reference standard number	Annual mass load (kg)	Comments
SE1	Nastewater/Sewe	COD	discrete	16/01/2015	Monthly	8000	All values < ELV	244	mg/L	yes	INSTRUMENTAL METHODS	ISO		1839	
SE1	Nastewater/Sewe	COD	discrete	18/02/2015	Monthly	8000	All values < ELV	71	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Nastewater/Sewe	COD	discrete	26/03/2015	Monthly	8000	All values < ELV	86	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Nastewater/Sewe	COD	discrete	15/04/2015	Monthly	8000	All values < ELV	50	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	COD	discrete	29/05/2015	Monthly	8000	All values < ELV	18	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	COD	discrete	29/06/2015	Monthly	8000	All values < ELV	228	mg/L	yes	INSTRUMENTAL METHODS				

SE1	Wastewater/Sewe	COD	discrete	08/07/2015	Monthly	8000	All values < ELV	22	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	COD	discrete	26/08/2015	Monthly	8000	All values < ELV	35	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	COD	discrete	30/09/2015	Monthly	8000	All values < ELV	83	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	COD	discrete	27/11/2015	Monthly	8000	All values < ELV	41	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	COD	discrete	10/12/2015	Monthly	8000	All values < ELV	203	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe			16/01/2015	Monthly			110			INSTRUMENTAL METHODS		894	
SE1	Wastewater/Sewe	BOD	discrete	18/02/2015	Monthly	2000	All values < ELV		mg/L	yes	INSTRUMENTAL METHODS		894	
		BOD	discrete	-0,0-,-0-0		2000	All values < ELV	11	mg/L	yes				
SE1	Wastewater/Sewe	BOD	discrete	26/03/2015	Monthly	2000	All values < ELV	37	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	15/04/2015	Monthly	2000	All values < ELV	3	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	BOD	discrete	29/05/2015	Monthly	2000	All values < ELV	6	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	29/06/2015	Monthly	2000	All values < ELV	126	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	BOD	discrete	08/07/2015	Monthly	2000	All values < ELV	7	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	17/08/2015	Monthly	2000	All values < ELV	2500	mg/L	yes	INSTRUMENTAL METHODS			Due to washing food waste skip near the interceptor. Customers now clean their skips on their own site
SE1	Nastewater/Sewe	BOD	discrete	28/08/2015	Monthly	2000	All values < ELV	18	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	29/09/2015	Monthly	2000	All values < ELV	162	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	BOD	discrete	30/10/2015	Monthly	2000	All values < ELV	60	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	27/11/2015	Monthly	2000	All values < ELV	26	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	BOD	discrete	10/12/2015	Monthly	2000	All values < ELV	113	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Suspended Solids	discrete	16/01/2015	Monthly	2000	All values < ELV	52	mg/L	yes	Gravimetric analysis		25.9	
SE1 SF1				18/01/2015	Monthly			26					43.9	
	Wastewater/Sewe	Suspended Solids	discrete			2000	All values < ELV		mg/L	yes	Gravimetric analysis		ļ	
SE1	Vastewater/Sewe	Suspended Solids	discrete	26/03/2015	Monthly	2000	All values < ELV	34	mg/L	yes	Gravimetric analysis			
SE1	Wastewater/Sewe	Suspended Solids	discrete	15/04/2015	Monthly	2000	All values < ELV	6	mg/L	yes	Gravimetric analysis			
SE1	Wastewater/Sewe	Suspended Solids	discrete	29/05/2015	Monthly	2000	All values < ELV	13	mg/L	yes	Gravimetric analysis			
SE1	Vastewater/Sewe	Suspended Solids	discrete	29/06/2015	Monthly	2000	All values < ELV	62	mg/L	yes	Gravimetric analysis			
SE1	Vastewater/Sewe	Suspended Solids	discrete	30/05/2015	Monthly	2000	All values < FLV	13	mg/L	yes	Gravimetric analysis			
SE1	Wastewater/Sewe	Suspended Solids	discrete	29/06/2015	Monthly	2000	All values < ELV	62	mg/L	yes	Gravimetric analysis			
SE1	Vastewater/Sewe	Suspended Solids	discrete	08/07/2015	Monthly	2000	All values < ELV	21		· ·	Gravimetric analysis			
SF1									mg/L	yes				
	Vastewater/Sewe	Suspended Solids	discrete	26/08/2015	Monthly	2000	All values < ELV	33	mg/L	yes	Gravimetric analysis			
SE1	Nastewater/Sewe	Suspended Solids	discrete	29/09/2015	Monthly	2000	All values < ELV	23	mg/L	yes	Gravimetric analysis			
SE1	Wastewater/Sewe	Suspended Solids	discrete	30/10/2015	Monthly	2000	All values < ELV	5	mg/L	yes	Gravimetric analysis			
SE1	Vastewater/Sewe	Suspended Solids	discrete	27/11/2015	Monthly	2000	All values < ELV	15	mg/L	yes	Gravimetric analysis			
SE1	Wastewater/Sewe	Suspended Solids	discrete	10/12/2015	Monthly	2000	All values < ELV	13	mg/L	ves	Gravimetric analysis			
SE1	Vastewater/Sewe	Fats. Oils and Greases	discrete	16/01/2015	Monthly	200	All values < FLV	8.1	mg/L	ves	Gravimetric analysis		140	
SE1	Vastewater/Sewe	Fats, Oils and Greases	discrete	18/02/2015	Monthly	200	All values < ELV	<1	mg/L	ves	INSTRUMENTAL METHODS		110	
SF1			discrete		Monthly			<1						
	Vastewater/Sewe	Fats, Oils and Greases	0.00.010	26/03/2015		200	All values < ELV		mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Fats, Oils and Greases	discrete	15/04/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Fats, Oils and Greases	discrete	29/05/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	29/06/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	08/07/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS			
SF1	Vastewater/Sewe	Fats, Oils and Greases	discrete	26/08/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Fats, Oils and Greases	discrete	29/09/2015	Monthly	200	All values < ELV	<1.000			INSTRUMENTAL METHODS			
				,,					mg/L	yes				
SE1	Vastewater/Sewe	Fats, Oils and Greases	discrete	30/10/2015	Monthly	200	All values < ELV	<1.0	mg/L	yes	INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Fats, Oils and Greases	discrete	27/11/2015	Monthly	200	All values < ELV	<1.0	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	10/12/2015	Monthly	200	All values < ELV	<1.0	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	pН	discrete	16/01/2015	Monthly	6-10	All values < ELV	6.5	mg/L	yes	pH Meter (Electrode)		125	<u> </u>
SE1	Wastewater/Sewe	pH	discrete	18/02/2015	Monthly	6-10	All values < ELV	7.79	mg/L	yes	pH Meter (Electrode)			
SE1	Wastewater/Sewe	pН	discrete	26/03/2015	Monthly	6-10	All values < ELV	7.59	mg/L	yes	pH Meter (Electrode)			
SE1	Vastewater/Sewe	pH	discrete	15/04/2015	Monthly	6-10	All values < ELV	7.5	mg/L	ves	pH Meter (Electrode)			
SE1	Vastewater/Sewe	pH	discrete	29/05/2015	Monthly	6-10	All values < ELV	7.47	mg/L	yes	pH Meter (Electrode)		i	1
SE1					Monthly			6.9		· ·			1	1
	Wastewater/Sewe	pH	discrete	29/06/2015		6-10	All values < ELV		mg/L	yes	pH Meter (Electrode)		ļ	
SE1	Nastewater/Sewe	pH	discrete	08/07/2015	Monthly	6-10	All values < ELV	7.44	mg/L	yes	pH Meter (Electrode)			
SE1	Wastewater/Sewe	рН	discrete	17/08/2015		6-10	All values < ELV	5.7	mg/L	no (if no please enter details in comments box)	pH Meter (Electrode)			Due to washing food waste skip near the interceptor. Customers now clean their skips on their own site
SE1	Nastewater/Sewe	pH	discrete	26/08/2015	Monthly	6-10	All values < ELV	7.08	ma/l	1/05	pH Meter (Electrode)			t
			discrete				All values < ELV		mg/L	yes			ļ	
SE1	Vastewater/Sewe	pH	discrete	29/09/2015	Monthly	6-10	All values < ELV	7.45	mg/L	yes	pH Meter (Electrode)			
SE1	Wastewater/Sewe	pH	discrete	30/10/2015	Monthly	6-10	All values < ELV	7.36	mg/L	yes	pH Meter (Electrode)			
SE1	Wastewater/Sewe	pH	discrete	27/11/2015	Monthly	6-10	All values < ELV	7.06	mg/L	yes	pH Meter (Electrode)			
SE1	Nastewater/Sewe	pH	discrete	10/12/2015	Monthly	6-10	All values < ELV	7.07	mg/L	yes	pH Meter (Electrode)			L
SE1	Wastewater/Sewe	Sulphate	discrete	16/01/2015	Monthly	500	All values < ELV	49.2	mg/L	yes	INSTRUMENTAL METHODS		694	
SE1	Wastewater/Sewe	Sulphate	discrete	18/02/2015	Monthly	500	All values < ELV	31.9	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Sulphate	discrete	26/03/2015	Monthly	500	All values < ELV	31.9	mg/L	ves	INSTRUMENTAL METHODS			
			discrete	15/04/2015	Monthly	500	All values < ELV	21.6	mg/L	ves	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Sulphate												

SE1	Wastewater/Sewe	Sulphate	discrete	29/05/2015	Monthly	500	All values < ELV	30.6	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Sulphate	discrete	29/06/2015	Monthly	500	All values < ELV	81.2	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Sulphate	discrete	08/07/2015	Monthly	500	All values < ELV	36.5	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Sulphate	discrete	26/08/2015	Monthly	500	All values < ELV	36.5	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Sulphate	discrete	29/09/2015	Monthly	500	All values < ELV	47.101	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Sulphate	discrete	30/10/2015	Monthly	500	All values < ELV	37.228	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Sulphate	discrete	27/11/2015	Monthly	500	All values < ELV	37.32	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Sulphate	discrete	10/12/2015	Monthly	500	All values < ELV	42.62	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Ortho-phosphate (as PO4)	discrete	16/01/2015	Monthly	100	All values < ELV	0.107	mg/L	yes	INSTRUMENTAL METHODS		33.87	
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	18/02/2015	Monthly	100	All values < ELV	1.02	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	15/04/2015	Monthly	100	All values < ELV	0.091	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/05/2015	Monthly	100	All values < ELV	<0.025	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/06/2015	Monthly	100	All values < ELV	0.175	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	08/07/2015	Monthly	100	All values < ELV	0.43	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	26/08/2015	Monthly	100	All values < ELV	<2	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/09/2015	Monthly	100	All values < ELV	<6.120	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Nastewater/Sewe	Ortho-phosphate (as PO4)	discrete	30/10/2015	Monthly	100	All values < ELV	<6.120	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4) Ortho-phosphate (as	discrete	27/11/2015	Monthly	100	All values < ELV	<6.120	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Wastewater/Sewe Wastewater/Sewe	PO4) Detergents (as MBAS)	discrete	10/12/2015 16/01/2015	Monthly	100 100	All values < ELV	3.56 0.83	mg/L mg/L	yes	INSTRUMENTAL METHODS INSTRUMENTAL METHODS		18.06	
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	18/02/2015	Monthly	100	All values < ELV	0.17	mg/L	yes	INSTRUMENTAL METHODS		10.00	
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	26/03/2015	Monthly	100	All values < ELV	0.17	mg/L	yes	INSTRUMENTAL METHODS		 	
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	15/04/2015	Monthly	100	All values < ELV	0.04	mg/L	yes	INSTRUMENTAL METHODS		1	
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	29/05/2015	Monthly	100	All values < ELV	0.91	mg/L		INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	29/06/2015	Monthly	100	All values < ELV	0.91		yes	INSTRUMENTAL METHODS		1	1
SE1			discrete	08/07/2015	Monthly	100		0.12	mg/L	yes	INSTRUMENTAL METHODS		 	-
SE1 SE1	Vastewater/Sewe Vastewater/Sewe	Detergents (as MBAS)		08/07/2015 26/08/2015	Monthly		All values < ELV	0.88	mg/L	yes	INSTRUMENTAL METHODS INSTRUMENTAL METHODS		-	-
SE1 SE1		Detergents (as MBAS)	discrete	30/09/2015		100	All values < ELV	0.64	mg/L	yes			-	-
	Vastewater/Sewe	Detergents (as MBAS)	discrete		Monthly	100	All values < ELV		mg/L	yes	INSTRUMENTAL METHODS		-	-
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	27/11/2015	Monthly	100	All values < ELV	0.924	mg/L	yes	INSTRUMENTAL METHODS		<u> </u>	
SE1	Vastewater/Sewe	Detergents (as MBAS)	discrete	10/12/2015	Monthly	100	All values < ELV	6.05	mg/L	yes	INSTRUMENTAL METHODS		2.42	
SE1	Vastewater/Sewe	Mineral oils	discrete	16/01/2015	Monthly	10	All values < ELV	0.54	mg/L	yes	INSTRUMENTAL METHODS		3.42	
SE1	Vastewater/Sewe	Mineral oils	discrete	18/02/2015	Monthly	10 10	All values < ELV All values < ELV	<0.021 <0.021	mg/L	yes	INSTRUMENTAL METHODS INSTRUMENTAL METHODS		<u> </u>	
	Vastewater/Sewe	Mineral oils	discrete	26/03/2015	Monthly			<0.021 <0.021	mg/L	yes		-	1	
SE1	Vastewater/Sewe	Mineral oils	discrete	15/04/2015	Monthly	10	All values < ELV		mg/L	yes	INSTRUMENTAL METHODS	-	1	
SE1	Vastewater/Sewe	Mineral oils	discrete	29/05/2015	Monthly	10	All values < ELV	0	mg/L	yes	INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Mineral oils	discrete	29/06/2015	Monthly	10	All values < ELV	0.4	mg/L	yes	INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Mineral oils	discrete	08/07/2015	Monthly	10	All values < ELV	0	mg/L	yes	INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Mineral oils	discrete	26/08/2015	Monthly	10	All values < ELV	0.2	mg/L	yes	INSTRUMENTAL METHODS		1	1
SE1	Vastewater/Sewe	Mineral oils	discrete	30/09/2015	Monthly	10	All values < ELV	0.022	mg/L	yes	INSTRUMENTAL METHODS		1	
SE1	Vastewater/Sewe	Mineral oils	discrete	27/11/2015	Monthly	10	All values < ELV	0.024	mg/L	yes	INSTRUMENTAL METHODS		1	
SE1	Vastewater/Sewe	Mineral oils	discrete	10/12/2015	Monthly	10	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS			
SE1	Vastewater/Sewe	Temperature	discrete	16/01/2015	Monthly	max 43	All values < ELV	9	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	18/02/2015	Monthly	max 43	All values < ELV	8	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	26/03/2015	Monthly	max 43	All values < ELV	9.8	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	15/04/2015	Monthly	max 43	All values < ELV	9.2	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	29/05/2015	Weekly	max 43	All values < ELV	14	degrees C	yes	Other (please describe)		ļ	Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	29/06/2015	Monthly	max 43	All values < ELV	15	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	08/07/2015	Monthly	max 43	All values < ELV	17.5	degrees C	yes	Other (please describe)			Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	26/08/2015	Monthly	max 43	All values < ELV	16	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	30/09/2015	Monthly	max 43	All values < ELV	15.5	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	30/10/2015	Monthly	max 43	All values < ELV	14.5	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	27/11/2015	Monthly	max 43	All values < ELV	10	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	Temperature	discrete	10/12/2015	Monthly	max 43	All values < ELV	10.1	degrees C	yes	Other (please describe)			Thermometer
SE1	Vastewater/Sewe	volumetric flow	discrete		Annual	<10	All values < ELV	9.91	m3/day	yes				
		luded as a reportable para-												

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		Additional Information
5 Does your site carry out continuous emissions to water/sewer monitoring?	Yes	Monthly
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	No	
7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	No	
8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	No	

Table W4: Summary of average emissions -continuous monitoring

Emission released to		 					Number of ELV exceedences in	Comments
 SELECT	SELECT	 SELECT	SELECT	SELECT	reperior grant (ing)			
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)		Reason for bypass	action*	submitted to the	When was this report submitted?
					EPA? SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

	6

		8	

		9

	AIR-summary template	Lic No:	WO-205091	Year	2015
-	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	No	Add	itional information	
	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	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? checklist AGN2	Yes			
	Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)				

										1
										Comments -
										reason for
										change in %
										mass load
										from
			ELV in licence or							previous
Emission		Frequency of	any revision			Unit of	Compliant with		Annual mass	year if
reference no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis	load (kg)	applicable
					120					
	TA Luft inorganic dust									
D1	particles class 1	Bi-annually	350	Monthly average < ELV		mg/m2/day	yes	SELECT		
					40					
	TA Luft inorganic dust									
D2	particles class 1	Bi-annually	350	Monthly average < ELV		mg/m2/day	yes	SELECT		
					115					
	TA Luft inorganic dust									
D1	particles class 1	Bi-annually	350	Monthly average < ELV		mg/m2/day	yes	SELECT		
	TA Luft inorganic dust				38					
D2	particles class 1	Bi-annually	350	Monthly average < ELV		mg/m2/day	yes	SELECT		

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

	Continuous Monitoring		
4			
-	Does your site carry out continuous air emissions monitoring?	No	
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)		
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	SELECT	N/A
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	SELECT	N/A
7			-gr
,	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	N/A
	Table A2: Summary of average emissions -continuous monitoring		

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	
		E1141 P								1

	reference no:		ELV in licence or		measurement		downtime (hours)	exceedences in current reporting year	
			any revision therof						
L		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

 $[\]ensuremath{^{*}}$ 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

Solve	nt use and manageme	nt on site						
Do you have a to	otal Emission Limit Value of d	lirect and fugitive emi	sions on site? if yes please fill out tables A4 and A5				No	
	lvent Management Pla nission limit value	nn Summary	Solvent regulations	Please refer to linked solven complete table 5				
Reporting yea	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)		Total Emission Limit Value (ELV) in licence or any revision therof	Compliance			
					SELECT			
			SELECT					
Table A	5: Solvent Mass Baland	ce summary						
	(I) Inputs (kg)			(0)	Outputs (kg)			
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)		Solvent released in other ways e.g.		Total emission of Solvent to air (kg)
	1				l	1	Total	

Bund/Pipeline te	sting template				Lic No:	WO-205091		Year	2015					
bullu/ ripellile te	stilig telliplate				LIC NO.	WO-203091		real	201:	•				
Bund testing		dropdown menu cli	ck to see options				Additional information							
Are you required by yo	— our licence to undertake in	itegrity testing on bunds and cont	ainment structures ? if ves n	lease fill out table B1 below	listing all new bunds and									
		I bunds which failed the integrity												
the table below, pleas	e include all bunds outsid	e the licenced testing period (mol	ile bunds and chemstore inc	luded)		Yes								
2 Please provide integrit	ty testing frequency period	1				3 years		-						
		rground pipelines (including storr	nwater and foul) Tanks sum	ns and containers? (contain	ers refers to "Chemstore"			_						
3 type units and mobile		inground procures (including store	mater and routy, runner, sun	ps and containers. (contain	cistereis to chemistore	No								
4 How many bunds are o						-	4							
5 How many of these bu	inds have been tested with	hin the required test schedule?					2							
6 How many mobile bun							3							
	included in the bund test					Yes								
		ted within the required test sched	lule?				0	_						
9 How many sumps on s 10 How many of these su	ite are included in the inte						0	+						
	ntegrity failures in table B						U	_1						
11 Do all sumps and chan						SELECT	N/A	7						
		in a maintenance and testing pro	gramme?			SELECT	N/A	_						
		ir integrity test programme?	•			SELECT	N/A							
				_										
Tal	ble B1: Summary details of	f bund /containment structure int	egrity test							1				_
														Results
									Integrity reports					retest(if
Bund/Containment									maintained on		Integrity test failure		Scheduled date	e current
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	reporting
Diesel Bund	Reinforced concrete un other (please specify)	plastic portable bund	Diesel	40m3	4	4 Structural assessment		14/11/2014	Yes	Pass		SELECT		
Diesei exhaust fluid bu														
* Conneity required about decor			AdBlue			Other (please specify)	liquid tightness test	14/11/2014	Yes	Pass		SELECT		
* Capacity required should cor Has integrity testing be	nply with 25% or 110% containment					Other (please specify)	liquid tightness test Commentary	14/11/2014	Yes	Pass		SELECT		
* Capacity required should cor Has integrity testing be 15 line with BS8007/EPA	nply with 25% or 110% containment een carried out in accorda	t rule as detailed in your licence		bunding and storage guideli	nes_	Other (please specify) Yes		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer	nply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contain	rule as detailed in your licence nce with licence requirements and nment systems tested?		bunding and storage guideli	nes	Yes No		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer	nply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contain	rule as detailed in your licence nce with licence requirements and		bunding and storage guideli	nes	Yes		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer	nply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contain	rule as detailed in your licence nce with licence requirements and nment systems tested?		bunding and storage guideli	nes	Yes No		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer	mply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contail systems compliant in boti	rule as detailed in your licence nce with licence requirements and nment systems tested?		bunding and storage guideli	nes	Yes No		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer	nply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contain	rule as detailed in your licence nce with licence requirements and nment systems tested?		bunding and storage guideli	nes	Yes No		14/11/2014	Yes	Pass		SELECT		
Has integrity testing bi 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergre	mply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contail systems compliant in both	rule as detailed in your licence nce with licence requirements and nment systems tested?	d are all structures tested in			Yes No No		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b I line with BS8007/EPA I Are channels/transfer I Are channels/transfer Pipeline/undergre Are you required by you underground structure	ngby with 25% or 110% containment carried out in accorda Guidance? systems to remote contail systems compliant in boti ound structure testing our licence to undertake ir es and pipelines on site wh	role at detailed in your learner nce with flicence requirements an nment systems tested? h integrity and available volume? It is spring on underground is high failed the integrity test and a	d are all structures tested in	mps etc ? if yes please fill o	ut table 2 below listing all	Yes No No Yes		14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergre Are you required by ye 1 underground structure 2 Please provide integrit	reply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contail systems compliant in both bound structure testing our licence to undertake ir so and pipelines on site with ty testing frequency perior	India addesided in your learner meet with licence requirements an inment systems tested? in integrity and available volume? litegrity testing* on underground sich failed the integrity test and a inch failed the integrity test and a inchess and a second se	d are all structures tested in tructures e.g. pipelines or s. Il which have not been teste	mps etc ? if yes please fill o d withing the integrity test p	ut table 2 below listing all	Yes No No	Commentary	14/11/2014	Yes	Pass		SELECT		
Has integrity testing b 5 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergre Are you required by ye 1 underground structure 2 Please provide integrit	reply with 25% or 110% containment een carried out in accorda Guidance? systems to remote contail systems compliant in both bound structure testing our licence to undertake ir so and pipelines on site with ty testing frequency perior	role at detailed in your learner nce with flicence requirements an nment systems tested? h integrity and available volume? It is spring on underground is high failed the integrity test and a	d are all structures tested in tructures e.g. pipelines or s. Il which have not been teste	mps etc ? if yes please fill o d withing the integrity test p	ut table 2 below listing all	Yes No No Yes	Commentary	14/11/2014	Yes	Pass		SELECT		
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity	mply with 25% or 110% containment enen carried out in accorda Guidance? systems to remote contail systems compliant in bot ound structure testing our licence to undertake in so and pipelines on site will by testing frequency perior testing means water tight	Inde addeniated in your licence nee with licence requirements an inment systems tested? In integrity and available volume? Itegrity testing* on underground s inch falled the integrity test and a intess testing for process and foul it	d are all structures tested in tructures e.g., pipelines or s.t ll which have not been teste	mps etc ? if yes please fill o d withing the integrity test p	ut table 2 below listing all	Yes No No Yes	Commentary	14/11/2014	Yes	Pass		SELECT		
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Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity	mply with 25% or 110% containment enen carried out in accorda Guidance? systems to remote contail systems compliant in bot ound structure testing our licence to undertake in so and pipelines on site will by testing frequency perior testing means water tight	Inde addeniated in your licence nee with licence requirements an inment systems tested? In integrity and available volume? Itegrity testing* on underground s inch falled the integrity test and a intess testing for process and foul it	d are all structures tested in tructures e.g., pipelines or s.t ll which have not been teste	mps etc ? if yes please fill o d withing the integrity test p	ut table 2 below listing all	Yes No No Yes	Commentary	14/11/2014	Yes	Pass		SELECT		
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity	mply with 25% or 110% containment enen carried out in accorda Guidance? systems to remote contail systems compliant in bot ound structure testing our licence to undertake in so and pipelines on site will by testing frequency perior testing means water tight	Inde addeniated in your licence, neewith licence requirements an inment systems tested? in integrity and available volume? It tegrity testing* on underground so inch failled the integrity test and a in iness testing for process and foul it ness testing for process and foul it	d are all structures tested in tructures e.g., pipelines or s.t ll which have not been teste	imps etc ? if yes please fill o d withing the integrity test to your licence)	ut table 2 below listing all	Yes No No Yes	Commentary	14/11/2014	Yes	Pass		SELECT		
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity	mply with 25% or 110% containment enen carried out in accorda Guidance? systems to remote contail systems compliant in bot ound structure testing our licence to undertake in so and pipelines on site will by testing frequency perior testing means water tight	Inde addeniated in your licence, neewith licence requirements an inment systems tested? in integrity and available volume? It tegrity testing* on underground so inch failled the integrity test and a in iness testing for process and foul it ness testing for process and foul it	d are all structures tested in tructures e.g., pipelines or s.t ll which have not been teste	imps etc ? if yes please fill o d withing the integrity test p your licence)	ut table 2 below listing all	Yes No No Yes	Commentary	14/11/2014	Yes	Pass		SELECT		
Has integrity testing b I sline with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergri Are you required by 1 underground structure 2 Please provide integrit *please note integrity	mply with 25% or 110% containment enen carried out in accorda Guidance? systems to remote contail systems compliant in bot ound structure testing our licence to undertake in so and pipelines on site will by testing frequency perior testing means water tight	Inde addeniated in your licence, neewith licence requirements an inment systems tested? in integrity and available volume? It tegrity testing* on underground so inch failled the integrity test and a in iness testing for process and foul it ness testing for process and foul it	d are all structures tested in tructures e.g., pipelines or s. Il which have not been teste pipelines (as required under- ntegrity test	imps etc ? if yes please fill o d withing the integrity test to your licence)	ut table 2 below listing all	Yes No No Ves 3 years	Commentary	Integrity test						
Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity Table	mply with 25% or 100% containment een carried out in accorda Guidance? systems to remote contail systems compliant in bott ound structure testing our licence to undertake in said pipelines on site will by testing frequency perior testing means water tight e 82: Summary details of p	India addressibled in your licence nee with licence requirements an inment systems tested? in integrity and available volume? letegrity testing* on underground so pich failed the integrity test and a 1 of ness testing for process and foul is sipeline/underground structures in	d are all structures tested in tructures e.g. pipelines or s. which have not been teste oipelines (as required under ontegrity test Does this structure have	imps etc ? if yes please fill o d withing the integrity test p your licence)	ut table 2 below listing all period as specified	Yes No No No Yes 3 years	Commentary Conducted in 2016	integrity test failure explanation	Corrective action	Scheduled date	Results of retest(if in current			
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity	multiple with Strot of the content o	India addressed in your learned more with licence requirements an inment systems tested? In integrity and available volume? It is the property of the property of the property of the property testing on underground sich failed the integrity test and a display of the process and foul judgments of the process and foul judgments to the process and foul judgments of the process of the p	d are all structures tested in tructures e.g. pipelines or su I which have not been teste sipelines (as required under stegrity test Does this structure have Secondary containment?	Imps etc ? If yes please fill o d withing the integrity test p your licence) Type of secondary containment	ut table 2 below listing all period as specified	Yes No No No Yes 3 years	Conducted in 2016 Conducted in 2016	Integrity test			reporting year)			
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity Table	mply with 25% or 100% containment een carried out in accorda Guidance? systems to remote contail systems compliant in bott ound structure testing our licence to undertake in said pipelines on site will by testing frequency perior testing means water tight e 82: Summary details of p	India addressibled in your licence nee with licence requirements an inment systems tested? in integrity and available volume? letegrity testing* on underground so pich failed the integrity test and a 1 of ness testing for process and foul is sipeline/underground structures in	d are all structures tested in tructures e.g. pipelines or s. which have not been teste oipelines (as required under ontegrity test Does this structure have	imps etc ? if yes please fill o d withing the integrity test p your licence)	ut table 2 below listing all period as specified	Yes No No No Yes 3 years	Commentary Conducted in 2016	integrity test failure explanation	Corrective action	Scheduled date				
Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity Table	multiple with Strot of the content o	India addressed in your learned more with licence requirements an inment systems tested? In integrity and available volume? It is the string on underground sich failed the integrity test and a disperse of the string for process and foul judgeline/underground structures in pipeline/underground structures in Material of construction:	d are all structures tested in tructures e.g. pipelines or su I which have not been teste sipelines (as required under stegrity test Does this structure have Secondary containment?	Imps etc ? If yes please fill o d withing the integrity test p your licence) Type of secondary containment	ut table 2 below listing all period as specified	Yes No No No Yes 3 years	Conducted in 2016 Conducted in 2016	integrity test failure explanation	Corrective action	Scheduled date	reporting year)			
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Has integrity testing b 15 line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergrr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity Table	multiple with Strot of the content o	India addressed in your learned more with licence requirements an inment systems tested? In integrity and available volume? It is the string on underground sich failed the integrity test and a disperse of the string for process and foul judgeline/underground structures in pipeline/underground structures in Material of construction:	d are all structures tested in tructures e.g. pipelines or su I which have not been teste sipelines (as required under stegrity test Does this structure have Secondary containment?	Imps etc ? If yes please fill o d withing the integrity test p your licence) Type of secondary containment	ut table 2 below listing all period as specified	Yes No No No Yes 3 years	Conducted in 2016 Conducted in 2016	integrity test failure explanation	Corrective action	Scheduled date	reporting year)			
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Has integrity testing b Is line with BS8007/EPA 16 Are channels/transfer 17 Are channels/transfer Pipeline/undergr Are you required by y 1 underground structure 2 Please provide integrit *please note integrity Table	multiple with Strot of the content o	India addressing to your learner concewhith licence requirements an inment systems tested? In integrity and available volume? Integrity testing on underground stick failed the integrity test and a display the systems testing for process and foul judgment of the process and foul judgment of the systems of	d are all structures tested in tructures e.g., pipelines or st in which have not been teste oipelines (as required under a tegrity test Does this structure have Secondary containment? SELECT	mps etc ? if yes please fill o d withing the integrity test in your licence) Type of secondary containment SELECT	ut table 2 below listing all period as specified Type integrity testing SELECT	Yes No No No Yes 3 years	Conducted in 2016 Conducted in 2016	integrity test failure explanation	Corrective action	Scheduled date	reporting year)			
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Groundwater/Soil monitoring template	Lic No:	WO-205091	Year	2015	
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		Comments	
Are you required to carry out groundwater monitoring as part of your licence requirements?	no		Please provide an interpretation of groundwater monitoring data in the
2 Are you required to carry out soil monitoring as part of your licence requirements?	no		interpretation box below or if you require additional space please
Do you extract groundwater for use on site? If yes please specify use in comment			include a groundwater/contaminated land monitoring results
³ section	no		interpretaion as an additional section in this AER
Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	SELECT	N/A	
5 Is the contamination related to operations at the facility (either current and/or historic)	SELECT	N/A	
6 Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	SELECT	N/A	
7 Please specify the proposed time frame for the remediation strategy	SELECT	N/A	
8 Is there a licence condition to carry out/update ELRA for the site?	SELECT	N/A	
9 Has any type of risk assesment been carried out for the site?	SELECT	N/A	
10 Has a Conceptual Site Model been developed for the site?	SELECT	N/A	
11 Have potential receptors been identified on and off site?	SELECT	N/A	
12 Is there evidence that contamination is migrating offsite?	SELECT	N/A	Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

Tubic 1.	Opgradient	Giodilawat		5 i courto						
										Upward trend in
										pollutant
	Sample									concentration
Date of	location	Parameter/		Monitoring	Maximum	Average				over last 5 years
sampling	reference	Substance	Methodology	frequency	Concentration++	Concentration+	unit	GTV's*	SELECT**	of monitoring data
							SELECT			SELECT
							SELECT			SELECT

^{.+} where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

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

*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

Groundwater monitoring template

More information on the use of soil and groundwater standards/ generic

sessment criteria (GAC) and risk assessment tools is available in the EPA publish uidance (see the link in G31)

sessment criteria (GAC) and risk assessment tools is available in the EPA published <u>Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).</u>

**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)

Surface regulations (private supply)
water EQS GTV's standards

Drinking water (public Interim Guideline supply) standards Values (IGV)

Table 3: Soil results

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

1	
1	Where additional detail is required please enter it here in 200 words or less

Environmental Liabilities template Lic No: WO-205091 Year 2015

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

			Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	Updated ELRA submitted
2	ELRA review status	Review required and completed	
3	Amount of Financial Provision cover required as determined by the latest ELRA	€788,371 inc contingency + vat	
4	Financial Provision for ELRA status	Required but not submitted	
5	Financial Provision for ELRA - amount of cover	Not specified as of yet	
6	Financial Provision for ELRA - type	nsurance with Environmental Impairmer	nt Liability cover,
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	WO-205091	Year
	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	Pooes the EMS reference the most significant environmental aspects and associated impacts on-site	Yes			
	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes			
2	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes			

Environmental Management Programme	EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	Ensure the most efficient and environmentally sustainable management of client waste streams		The company started to produce RDF in 2012. This offered more energy recovert outlets and thus resulted in a more sustainable product enabling the processing of stocks. The company increased the number of energy recovery outlets that are authorised to accept RDF from GRR facility and increased further in 2015. This helped reduce the volume of stock on the site and ensured that issues external to the GRR facility did not affect operations at the facility.		To reduce the volume of materials on site as part of the overall program to reduce the odour load and ensure the effective treatment of air extracted from MRB2.
Odour Management	Reduce significantly the number of odour complaints for the site	60	Ensured completion of Phase 2-upgrade of odour abatement system. Ensured the external odour laboratory engaged in 2014 to conduct independent odour monitoring of the odour abatement system and are maintained in 2015 in conducting quarterly assessments. Conducted research into odour masking perfumes to mask the odour from waste vehicles leaving the Crag site and conducted the research into the use of alternative solutions to mask or prevent the odour from waste vehicles leaving the Crag site.	General Manager / Managing Director, EHS Manager	Installation of Phase 2 Odour Abatement System and commissioning and optomisiation of plant. Identify mechanism to reduce odour load in the building (MRB2) to prevent/mask or reduce odour load arising from departing vehicles.

Traffic	Achieve organized, efficient and safe movement of cars, trucks and machinery on site minimising noise and emissions	90	Maintain the traffic lights at the main facility entrance doors 7 and 8 to manage traffic and reduce the risk of impacts damaging the main entrance/ exit doors. Identified areas for further concrete improvement works and conduct repairs to yard as required as part of the concrete management plan.	Facility Supervisor	No damaged doors from vehicles entering or exiting. Door operating efficiently with no down-time. Doors rapid closing system operating effectively. Concrete management plan in place.
Resource use and energy efficiency	Identify opportunities for energy use reduction and efficiency. Identify opportunities for reduction in the quantity of water used on site	80	Review the electricity usage for the site and identify where the company can reduce energy requirements.	Operations Manager	Improved Environmental Management Practices
Integrated Management System	Achieve better communication between departments to increase control of compliances with the waste license	80	Updatied legislation register and environmental aspects and impacts. Reviewed operation of odour abatement system in conjuction with an independent odour consultant and conduct research to ensure that the recycling operation and departing vehicles do not give rise to odour complaints.	EHS Manager/Facility Manager	Improved Environmental Management Practices. Practical solution to breaking the odour cycle arising from departing vehicles-containing organic materials arising from the research program.
Water/Oil	Prevent surface water contamination, decrease emission values to storm water and sewer.		Adopting a hands on yard management program via the use of sweeper to ensure the yard is kept clean at all times. Ensuring interceptors are functional and operational at all times and trace any non-conformances back to root cause and iniatiate prevention measures. Monitored external laboratory testing of waste water discharge and ensure facility complies with waste waster discharge license.	Facility Supervisor/ Facility Manager	Improved Environmental Management Practices

Noise monitoring summary report	Lic No:	WO-205091	Year 20	015
Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below		Yes		
2 Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6?	Noise Guidance note NG4	Yes		
3 Does your site have a noise reduction plan		No		
4 When was the noise reduction plan last updated?		N/A		
Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since to survey?	he last noise	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)?
11/11/2015	Daytime	N1		62.5	58.9	64.6	76.5	Yes	Yes	Constrution across site (offsite) and vehicles entering and leaving the site (onsite)	Yes
11/11/2015	Nightime	N1		50	35.6	52.3	74.5	Yes	Yes	Vehicles entering and exiting site (onsite)	Yes
11/11/2015	Daytime	N2		58.6	52.1	61.6	74	Yes	Yes	Construction work adjacent to site (offsite)	Yes
13/11/2015	Nightime	N2		51.6	40.4	52.8	79.8	Yes	Yes	External road traffic (offsite)	Yes
11/11/2015	Daytime	N3		61.6	33.5	63	90.4	Yes	Yes	Construction on adjacent property (offsite)	Yes
13/11/2015	Nightime	N3		48.5	41.9	49.5	74.9	Yes	Yes	External road traffic (offsite)	Yes
13/11/2015	Daytime	N4		57	53.8	58.8	65.2	Yes	Yes	Vehicle traffic from adjacent roads (offsite)	Yes
13/11/2015	Nightime	N4		51.3	39.2	54.9	69.7	Yes	Yes	Vehicle traffic from m50 (offsite)	Yes
13/11/2015	Daytime	N5		64.3	58.8	66.9	84.3	Yes	Yes	Vehicle traffic on Station Rd and Ninth Lock Rd (offsite)	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?

N/A

** 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: WO-205091 Year 2015

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

Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information

Network (LIEN)

	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage
3	additional information

	Additional information
02/11/2015	
No	
N/A	No boiler onsite

Table R1 Energy usag	e on site			
Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	1206	1,467		18.00%
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (N	1WHrs)			
Electricity Consumption (MWHrs)				
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)				
Light Fuel Oil (m3)				
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)		0		
Renewable Biomass		0		
Renewable energy generated on site		0		

^{*} 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	e on site	Ĭ			Water Emissions	Water Consumption	
	Water extracted		compared to	Energy Consumption +/- % vs overall site	Volume Discharged back to	Volume used i.e not discharged to environment e.g. 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							
Surface water							
Public supply	4822.9	8966					Contacted SDCC water section and was advised there maybe an issue with the meter recording the volume incorrectly.
Recycled water							
Total							

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

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

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

Table R4: Energy A	udit finding recommendat	tions					
Date of audit		Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Status and comments
02/11/2015			energy audit				
			SELECT				
			SELECT				

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

Complaints and incidents summary template (a: to: WO-2000) Year 2015

Complaints Additional Information

Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below

Yes

18010							
	Complaints summary		Brief description of				Further
Date	Category	Other type (please specify)	complaint (Free txt <20 words)	Corrective action < 20 words	Resolution status	Resolution date	Further information
				Constructed research		Company conducted research with	
				trails with small trial of bottles of perfume as a		research partner Nova Q in regard to reducing odour load from	
11/01/2015	Odour		Internal odour complaint	potential masking agent.		to reducing odour load from Organic fines	
,,						Company replaced old odour	
						abatement system with new Phase	
16/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
10,01,1013	Guoui		Odobi Compianic	macanacion or phase 2	Complete	Company replaced old odour	
						abatement system with new Phase	
19/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
13/01/1013	Guoui		Odobi Compianic	macanacion or phase 2	Complete	Company replaced old odour	
						abatement system with new Phase	
21/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
						Company replaced old odour	
						abatement system with new Phase	
30/01/2015	Orlows		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
30,23,232						Company replaced old odour	
						abatement system with new Phase	
06/02/2015	Orlows		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
00,01,1013	Guoui		Odobi Compianic	macanacion or phase 2	Complete	Company replaced old odour	
						abatement system with new Phase	
03/02/2015	Orlows	1	Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
0.00474015	***		and a straightening		prese	Company replaced old odour	
		Ì	1			abatement system with new Phase	
03/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
0.3/02/2015			and sompliffill		-Jingrest	Company replaced old odour	
						abatement system with new Phase	
16/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
10/02/2015			and sompliffill		-Jingrest	Company replaced old odour	
		Ì	1			abatement system with new Phase	
16/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	2 Odour abatement system installed on 25/03/2015	
01/04/2015	Odour		Odour complaint	Not linked to site	Complete	Bins left out at complainant site	
						Pest control company investigated and advised of sources closer to the	
						complainant site. Comprehensive	
						pest control program implemented	
14/04/2015	Flies		Fly complaint	Not linked to site Simdean requested to	Complete	in 2015.	
14/05/2015	Odour		Odour complaint	attend site	Complete	Carbon changed on 30/05/2015	
25/05/2015	Odour		Odour complaint	Change out carbon	Complete	Carbon changed on 30/05/2015	
26/05/2015	Odour		Odour complaint	Change out carbon	Complete	Carbon changed on 30/05/2015 Major clean down of shed 2, carbon	
29/05/2015	Odour		Odour complaint	Change out carbon	Complete	changed on 30/05/2015	
						During the inspection of the Odour Abatement System in conjunction with Simdean (manufacturer) a basket failure was identified. This	
09/06/2015 22/06/2015 12/07/2015	Oddorf Oddorf Oddorf		Odour complaint Odour complaint Odour complaint	Replaced carbon & inspected the odour abstement system May be linked to movement of whicks Not linked to site	Complete Complete Complete	boakt faller was identified. This later was related the was members of the was another than the was adopted to the boakt under the adopted than the properties of the properties of the properties of the properties of the properties of adopted that no other incident adopted that no other incident adopted that no other incident adopted that no other incident adopted that on other incident adopted that on the adopted that the adopted that the manufacture and adopted this test be an incident of the properties of the properties of the properties the properties of the properties the properties the properties the properties the properties the properties the propertie	
22/06/2015				inspected the odour abatement system May be linked to movement of vehicles	<u>Complete</u>	manufacturing process that was employed on manufacture the manufacturing the completed to the basket under the completed to the basket under the supervision and derivation of Sociales the supplier with a shaded to see the supplier with a shaded to see the supplier with a shaded to see the supplier with a shaded to the repaired basket. Similaria abouted that on their invalidation of the repaired basket. Similaria abouted that is only about the supplier to supplier that the supplier that supplier that the supplier that supplier	
22/06/2015 12/07/2015			Odour complaint	inspected the odour abatement system May be linked to movement of vehicles Not linked to site	Complete Complete Complete	moundiscring process that was moundiscring process that was monitored to multi-critical transport completed to the basket under the graphical process of the completed of the process of the complete of the that the listification of an that the listification of the that the listification of the that the listification of the that the listification of the that the the process of the the register to the register to basket. Similar that the second in any other explain they was the second process of the listify to occur again in this system or any other system to check the carbon in the addition. Yet linked to the Prec control company investigated and advised of sources closer to the complainment the.	
22/06/2015 12/07/2015			Odour complaint	inspected the odour abatement system May be linked to movement of vehicles Not linked to site Not linked to site Linked to movement of Linked to movement of	Complete Complete Complete	manufacturing process that was manufacturing process that was manufactured to the basis under the completed to the basis under the completed to the basis under the process of the process of the manufactured and and the process of the process of the course of any other system they was the process of the process of the process of the course of any other system they under the process of the process of the course of any other system they are course of the they to cour again in this system to any other system they to cour again in this system to the discourse of the discourse of discourse of the discourse of discourse of	
22/05/2015 12/07/2015 16/07/2015			Odour complaint	inspected the odour abatement system May be linked to movement of vehicles Not linked to site	Complete Complete Complete	moundiscring process that was mountinged to multi-facture the completed to the basis under the completed to the basis under the completed to the basis under the process of the completed of the process of the complete of the the third basis of the that the listinged of recommend about that no other incident advised that no other incident related to an addoor basis the social of any other system they could be a process of the section of the control of the country of the section of the the section of the section of the the the the the the the the	
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22/05/2015 12/07/2015 16/07/2015 27/07/2015 28/07/2015	Files Obtour		Odour complaint Fly complaint Odour complaint Pry complaint	imperced the odour substances system May be linked to involvement of whiches Nort linked to site. Not linked to site. Not linked to site. Linked to movement of whiches carrying organic waste. Linked to movement of whiches carrying organic waste.	Complete Complete Complete Complete Complete Complete Complete	moundicating process that was moundicating process that was monipoyed to muslicitum the completed to the basket under the completed to the basket under the process of the completed of the completed of the formation and section of includes the way the complete of the complete of the complete of the repaired to basket. Similation extends to an adoptive basket has cocurred in any other system they extend to an adoptive basket has cocurred in any other system they the control of the complete of the control of the complete of the control of the complete of the district of the district of the control of the complete of the district of the control	
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					Enagaged with Nova Q to research	
					alternative to perfumes and	
			Linked to movement of		identified potential to break the	
			vehicles carrying organic		odour cycle with use of a bacteria	
04/08/2015	Odour	Odour complaint	waste	Ongoing	product to break the Odour cycle.	
					Enagaged with Nova Q to research	
					alternative to perfumes and	
			Linked to movement of		identified potential to break the	
15/08/2015		Odour complaint	vehicles carrying organic waste	Ongoing	odour cycle with use of a bacteria product to break the Odour cycle.	
13/06/2013	Guoui	Odour complaint	Waste	Origonia	broduct to break the Oddur Cvde.	
					Enagaged with Nova Q to research	
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			vehicles carrying organic		identified potential to break the odour cycle with use of a bacteria	
18/08/2015	Odour	Odour complaint	waste	Ongoing	product to break the Odour cycle.	
			Linked odour to truck			
			removal of organic fines		Reviewed the use of perfumes to	
21/09/2015	Odour	Internal odour complaint	from building	Ongoing	mask the odour	
1			Linked odour to truck removal of organic fines		Reviewed the use of perfumes to	J
22/09/2015	Odour	Internal odour complaint	from building	Ongoing	mask the odour	
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			vehicles carrying organic		odour cycle with use of a bacteria	
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			Linked to movement of		identified potential to break the	
			vehicles carrying organic		odour cycle with use of a bacteria	
25/09/2015		Odour complaint	waste	Ongoing	product to break the Odour cycle.	
26/09/2015	Odour	Odour complaint	Unable to link to site	Complete		
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Incidents							
	Additional inf						
	Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting						
	year in Table	2 below		Yes	See below		
	*For information on how to report and what						
	constitutes an incident V	What is an incident					

			Incident category*please refer to				Activity in progress at time			Corrective action<20	Preventative action <20	Resolution		Likelihood of
Date of occurrence	Incident nature	Location of occurrence	guidance	Receptor	Cause of incident	Other cause(please specify)	ofincident	Communication	Occurrence	words	words	status	Resolution date	reoccurence
23/01/201	o Odour	Other location (please speci	1. Minor	Air	Plant or equipment issues		Normal activities	EPA		Repaired carbon bed on old odour abatement system	Odouor Abatement system upgraded to new system	Complete	8AM 24/01/2015	Low
						Wash down of skip that previously					Customers to clean skips on			
17/08/201	Breach of ELV	Licenced discharge point (ty	2. Limited	Sewer			Non Routine main	EPA				Complete	29/09/2015	Low
			SELECT	SELECT	SELECT				SELECT			SELECT		SELECT
		SELECT	SELECT	SELECT	SELECT				SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
otal number of ncidents current ear	2													
Total number of incidents previous year														
K reduction/ increase	5/1%													

Total number of	
incidents current	
vear	
Total number of	
incidents previous	
vear	
% reduction/	
increase	50

WASTE SUMMARY

Lic No: WO-205091 Year 2015

SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES

PRITE facility logon dropdown list click to see options

SECTION B. WASTE	ACCEPTED ONTO	SITE-TO BE COMPLETED	BY ALL IPPC AND WAS	TE FACILITIES

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

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

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

No	
No	

	waste accepted onto your site that was ge					No]			
Table 1 Details o	of waste accepted onto your	site for recovery, dispo	osal or treatment	(do not include w	astes generated at your sit	e, as these w	rill have been re	eported in your PI	RTR workbook)		
Licenced annual	EWC code	Source of waste accepted	Description of waste	Quantity of waste	Quantity of waste accepted in previous	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recovery or treatment	Quantity of	Comments -
tonnage limit for your			accepted	accepted in current	reporting year (tonnes)	Increase over	reduction/increase	only applies if the waste	operation carried out at your	waste remaining	
site (total			Please enter an accurate	reporting year (tonnes)		previous year +/ -	from previous	has a packaging	site and the description of this	on site at the	
tonnes/annum)			and detailed description			%	reporting year	component	operation	end of reporting	
,			- which applies to				.,		.,	year (tonnes)	
			relevant EWC code							year (torries)	
			relevant LVVC code								
	European Waste Catalogue EWC codes		European Waste								
			Catalogue EWC codes								
250,000											
250,000											
			Segragated cardboard						R13-Storage of waste pending		
			and paper-corrugated						any of the operations		
		16- WASTES NOT OTHERWISE	cardboard, paper				Sent directly to		numbered R1 to R12 (excluding		
	15 01 01	SPECIFIED IN THE LIST	wrapping and bags	12.46	33.5	-168%	other facilities		temporary storage)	0	
1									R13-Storage of waste pending		
						1		1	any of the operations		
1		16- WASTES NOT OTHERWISE				1	Increase in	1	numbered R1 to R12 (excluding		
	15 01 02	SPECIFIED IN THE LIST	Plastic packaging	34.8	33.2	5%	customer recycling	<u> </u>	temporary storage)	0	
		20- MUNICIPAL WASTES									
1		(HOUSEHOLD WASTE AND				1		1			
		SIMILAR COMMERCIAL,									
		INDUSTRIAL AND							R13-Storage of waste pending		
		INSTITUTIONAL WASTES)	Segrated metal						any of the operations		
		INCLUDING SEPARATELY	packaging-waste				Increase in		numbered R1 to R12 (excluding		
	15 01 04	COLLECTED FRACTIONS	aluminium cans	96	5.1	049/	municipal recycling		temporary storage)		
	15 01 04		aluminium cans	90	5.1	94%		+		U	
		(HOUSEHOLD WASTE AND					municipal waste		any of the operations		
		SIMILAR COMMERCIAL,	Segragated mixed				coming directly on		numbered R1 to R12 (excluding		
	15 01 06	INDUSTRIAL AND	packaging waste	9116.1	3258.8	64%	site		temporary storage)	0	
		20- MUNICIPAL WASTES	Newspapers and				Sent directly to		R13-Storage of waste pending		
	20 01 01	(HOUSEHOLD WASTE AND	pamplets	12.7	20.1	-58%	other facilitiy		any of the operations	0	
		20- MUNICIPAL WASTES	Paper cardboard from						R12-Exchange of waste for		
	20 01 01	(HOUSEHOLD WASTE AND	municiple sources	25.1	0	100%	New customer		submission to any of the	0	
		(HOUSEHOLD WASTE AND					Wood waste sent		any of the operations		
		SIMILAR COMMERCIAL,	Wood waste from				directly to other		numbered R1 to R12 (excluding		
	20 01 38	INDUSTRIAL AND	municiple sources	1325.9	2431.3	-83%	facility		temporary storage)	0	
		20- MUNICIPAL WASTES	Mixed residual waste				Reduction may be		R13-Storage of waste pending		
	20 03 01	(HOUSEHOLD WASTE AND	from household and	144,266.00	153,760.00	-7%	from the		any of the operations	4188	
		(HOUSEHOLD WASTE AND									
1		SIMILAR COMMERCIAL,				1	Increase in	1	R13-Storage of waste pending		
1		INDUSTRIAL AND				1	municipal recycling	1	any of the operations		
1							due to pay by		numbered R1 to R12 (excluding		
1	20.02.01	INSTITUTIONAL WASTES)	Mine d day as a seek!	104.7	0	4000		1		_	
<u> </u>	20 03 01	INCLUDING SEPARATELY 16- WASTES NOT OTHERWISE	Mixed dry recycables	104.7	U	100%	weight iniative	 	temporary storage)	0	
1	16 02 14	SPECIFIED IN THE LIST	WEEE	8.1	8.1		No fluctuation	1	R13-Storage of waste pending	_	
<u> </u>	16 UZ 14	17- CONSTRUCTION AND	WEEE	8.1	8.1	0%		 	any of the operations	0	
1	47.04.03		Alluminum seperated	50.2	422		Increase in	1	R13-Storage of waste pending	_	
<u> </u>	17 04 02	DEMOLITION WASTES	from C&D waste	68.2	12.2	82%	customer	 	any of the operations	0	
1	47.02.04	17- CONSTRUCTION AND	Waste glass from C&D	42		,		1	R13-Storage of waste pending	_	
-	17 02 04	DEMOLITION WASTES	sources	13	0	100%	New customer	1	any of the operations	0	
						1		1			
		17- CONSTRUCTION AND				1	Reduction in	1	R13-Storage of waste pending		
		DEMOLITION WASTES				1	construction	1	any of the operations		
		(INCLUDING EXCAVATED SOIL				1	generate materials	1	numbered R1 to R12 (excluding		
	17 04 07	FROM CONTAMINATED SITES)	C&D mixed metals	52.7	98	86%	from customers	1	temporary storage)	0	
								•	, , , , , , , , , , , , , , , , , , , ,		

	17- CONSTRUCTION AND					None generated		
	DEMOLITION WASTES					from customer		
	(INCLUDING EXCAVATED SOIL					construction		
17 04 11	FROM CONTAMINATED SITES)	Waste cables from C&D	0	6.3	-100%	activities		0
	DEMOLITION WASTES						any of the operations	
	(INCLUDING EXCAVATED SOIL					Reduced customer	numbered R1 to R12 (excluding	
17 05 04	FROM CONTAMINATED SITES)	Soil and stones	11.2	12.2	-9%	construction activity	temporary storage)	0
	DEMOLITION WASTES					Increase in	R13-Stordge of Waste penaing any of the operations	
	(INCLUDING EXCAVATED SOIL	Waste gypsum from				customer	numbered R1 to R12 (excluding	
17 08 02		construction material	76.6	0	100%	construction	temporary storage)	0
	/			-				_
	17- CONSTRUCTION AND					Increase in	R13-Storage of waste pending	
	DEMOLITION WASTES					customers	any of the operations	
	(INCLUDING EXCAVATED SOIL					requesting skips for	numbered R1 to R12 (excluding	
17 03 04	FROM CONTAMINATED SITES)	Mixed C&D waste	556.1	203.7	63%	construction waste	temporary storage)	0
	MANAGEMENT FACILITIES,	Plastics and rubber					any of the operations	
	OFF-SITE WASTE WATER	removed during physical					numbered R1 to R12 (excluding	
19 12 04		treatment	157.5	155.8	1%	Customer activity	temporary storage)	0
	17- CONSTRUCTION AND					Increase in	R13-Storage of waste pending	
	DEMOLITION WASTES					customers recycling	any of the operations	
17 02 02	(INCLUDING EXCAVATED SOIL	Glass from construction	156.5	246.2	-57%	glass directly to	numbered R1 to R12 (excluding	0
							submission to any of the	
							operations numbered R1 to R11	
	19- WASTES FROM WASTE						(if there is no other R code	
	MANAGEMENT FACILITIES,						appropriate, this can include	
	OFF-SITE WASTE WATER						preliminary operations prior to	
	TREATMENT PLANTS AND THE						recovery including pre-	
	PREPARATION OF WATER						processing such as amongst	
	INTENDED FOR HUMAN					Reduction in port	others, dismantling, sorting,	
40.42.40	CONSUMPTION AND WATER	Combosite and BBS	c	0400.3	42420/	sending back	crushing, compacting,	4557
19 12 10	FOR INDUSTRIAL USE	Combustible waste-RDF	644.7	9108.3	-1312%	material	pelletising, drying, shredding,	1557
	MANAGEMENT FACILITIES,				1			
	OFF-SITE WASTE WATER				1		242 (1	
	TREATMENT PLANTS AND THE	Mixture of wastes from					R13-Storage of waste pending	
	PREPARATION OF WATER INTENDED FOR HUMAN	Mixture of wastes from mechanical treatment of			1	Increased customer	any of the operations numbered R1 to R12 (excluding	
19 12 12	CONSUMPTION AND WATER	waste	749.7	31.3	000/	activity		206
19 12 12	CONSUMPTION AND WATER	waste	/49./	31.3	96%	activity	temporary storage)	200
					İ			
			-	•		·		

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

4 Is all waste processing infrastructure as required by you	ir licence and approved by the Agency in place? If no	o please list waste processing infrastructure required onsite
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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?		Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type	
---------	----------------------------	-------------------------	-----------------------	-------------------------------	------------------------	-------------------------------------	--------------------------	--	--	---	---	--------------	------------------------	--

					SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8								

Table 4 Environmental monitoring-landfill only Landfill Manual-Monitoring Standards

Was meterological								
monitoring in							Has the statement	
compliance with			Was SW monitored in			Was topography	under S53(A)(5) of	
Landfill Directive (LD)		Was Landfill Gas monitored in	compliance with LD			of the site	WMA been	
standard in reporting	Was leachate monitored in compliance	compliance with LD standard in	standard in reporting	Have GW trigger levels	Were emission limit values agreed with	surveyed in	submitted in	
year +	with LD standard in reporting year	reporting year	year	been established	the Agency (ELVs)	reporting year	reporting year	Comments

^{.+} please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards

Table 5 Capping-Landfill only

rabic b capping La	nam om							
	Area with temporary cap			Area with waste that				
Area uncapped*	Area with temporary cap			should be permanently				
SELECT UNIT	SELECT UNIT	Area with final cap to LD		capped to date under				
SELECT CIVIT	SELECT CHII	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

SELECT	
SELECT	

Volume of leachate in reporting year(m3)		Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	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	

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR 2015

1. FACILITY IDENTIFICATION

Parent Company Name Greyhound Recycling and Recovery			
Facility Name	Greyhound Recycling & Recovery		
PRTR Identification Number	W0205		
Licence Number	W0205-01		

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	
	Clondalkin Industrial Estate
Address 3	Clondalkin
Address 4	Dublin 22
	Dublin
Country	Ireland
Coordinates of Location	-6.38899 53.3323
River Basin District	IEEA
NACE Code	
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	joe.oregan@greyhoundrecycling.com
AER Returns Contact Email Address	ehs@greyhoundrecycling.com
AER Returns Contact Position	Director
R Returns Contact Telephone Number	01-4612800
Returns Contact Mobile Phone Number	01-4612800
AER Returns Contact Fax Number	01-4196882
Production Volume	0.0
Production Volume Units	
Number of Installations	1
Number of Operating Hours in Year	8712
Number of Employees	
User Feedback/Comments	The macros on the workbook can on occasion lock cells that are
	designated for input requiring the complete workbook to be
	repopulated.
Web Address	www.greyhoundrecycling.ie

2. PRTR CLASS ACTIVITIES

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

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

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

4. WASTE IMPORTED/ACCEPTED ONT Do you import/accept waste onto your I 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	

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

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR				Please en	ter all quar	ntities in th	s section in	
POLLUTANT			METHOD			QUANTITY		Υ
		Method Used						
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accident al) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

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

SECTION C: REMAINING POLLUTANT EMISSIONS (AS required in your Licence)								
RELEASES TO AIR					Please enter all quantities in this section in			s section in l
POLLUTANT			MET	THOD			QUANTIT	Y
	Method Used		Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description		T (Total) KG/Year	A (Accident al) KG/Year	F (Fugitive) KG/Year
210	Dust	E	CRM	Measurement of dustfall using the Bergerhoff Instrument	0.0	2005.0	0.0	2005.0

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

Additional Data Requested from Landfill ope	rators]
requested to provide summary data on landfill gas (Methane) flare	ed or utilised on their						
L. Jen	Greyhound Recycling & Recovery						
Landfill:	& Recovery				1		
Please enter summary data on the quantities of methane flared and / or utilised							
methane flared and / or utilised			N	Method Used	Facility	1	
					Total Capacity		
				Designation or	m3 per		
	T (Total) kg/Year	M/C/E	Method Code	Description	hour		
Total estimated methane generation (as per site model)					N/A		
Methane flared							ng Capacity)
Methane utilised in engine/s	0.0				0.0	(Total Utilis	sing Capacity
Net methane emission (as reported in Section A above)	0.0				N/A		

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence rec

		Please enter all quantities in this section					
			ADD EMISSION POINT				
		Method Used					
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Yea			
			0.0				

¹ B) then click the delete button

		Please enter all quantities in this sect				
			ADD EMISSION POINT			
		Method Used				
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Yea		
			0.0			

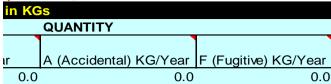
¹ B) then click the delete button

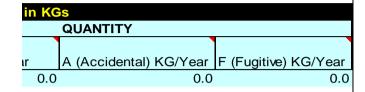
	Please enter all quantities in this se				
			ADD EMISSION POINT		
		Method Used			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Yea	
			0.0		

B) then click the delete button

: 2015 | 14/07/2016 14:49







in KG	is	
	QUANTITY	
ır	A (Accidental) KG/Year	F (Fugitive) KG/Year
0.0	0.0	0.0

4.3 RELEASES TO WASTEWATER OR SEWER

SECTION A : PRTR POLLUTANTS

		
		OFFSITE TRANSFER OF POLLUTANTS DESTINED FO
		POLLUTANT
No. Annex II		Name
ADD NEW ROW	DELETE ROW *	* Select a row by double-clicking on the Pollutant Name (Column

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

	OFFSITE TRANSFER OF POLLUTANTS DESTINED FO
	POLLUTANT
Pollutant No.	Name
303	BOD
306	COD
240	Suspended Solids
314	Fats, Oils and Greases
343	Sulphate
324	Mineral oils
308	Detergents (as MBAS)
332	Ortho-phosphate (as PO4)
ADD NEW ROW DELETE ROW *	* Select a row by double-clicking on the Pollutant Name (Column

OR WASTE-WATER TREATMENT OR SEWER					
	METHOD				
		Method Used			
	M/C/E	Method Code	Designation or Description	Emissio	

¹ B) then click the delete button

OR WASTE-WATER TREAT	MENT OF	RSEWER		Please
		MI	ETHOD	ADD E
			Method Used	
	M/C/E	Method Code	Designation or Description	Emissio
	E	CRM		

B) then click the delete button

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

enter all quantities in this section in KGs							
EMISSION POINT		QUANTITY					
n Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year				
894.1	894.1	0.0	0.0				
1839.0	1839.0	0.0	0.0				
449.0	449.0	0.0	0.0				
140.0	140.0	0.0	0.0				
694.0	694.0	0.0	0.0				
3.42	3.42	0.0	0.0				
18.6	18.6	0.0	0.0				
33.87	33.87	0.0	0.0				
0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0				
0.0	0.0	0.0	0.0				

* Select a row by double-clicking on the Pollutant Name (Column

ADD NEW ROW

DELETE ROW *

			Please enter all quantitie	s in this
	METH	OD	ADD EMISSION POINT	
	M€			
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total)
			0.0	

B) then click the delete button

			Please enter all quantitie	s in this
	MET	HOD	ADD EMISSION POINT	
M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total)
			0.0	
ι B) then cl	lick the delete button			

section in KGs						
	QUANTITY					
KG/Year	A (Accidental) KG/Year					
0.0	0.0					

section in KGs						
	QUANTITY					
KG/Year	A (Accidental) KG/Year					
0.0	0.0					

- 0\\0\T= T== 1				
5. ONSITE TREATM	IENT & OFFSITE TRA	ANSFERS OF		PRTR# : W0205 Facility Name : Gr all quantities on this sheet
			Quantity (Tonnes per Year)	
Transfer Destination	European Waste Code	Hazardous		Description of Was
Within the Country	13 05 03	Yes	89.96	interceptor sludges
Within the Country	15 01 01	No	12.24	paper and cardboard packagir
Within the Country	15 01 02	No	18.74	plastic packaging
Within the Country	15 01 03	No	1018.4	wooden packaging
Within the Country	15 01 06	No	980.44	mixed packaging
Within the Country	15 01 06	No	6687.6	mixed packaging
Within the Country	15 01 06	No	99.9	mixed packaging
Within the Country	15 01 06	No	6048.6	mixed packaging
Within the Country	17 01 01	No	157.5	concrete
Within the Country	17 04 02	No	12.9	aluminium
Within the Country	17 04 07	No	755.72	mixed metals
Within the Country	17 05 04	No	11.0	soil and stones other than the mentioned in 17 05 03 mixed construction and demo other than those mentioned in
Within the Country	17 09 04	No	18.04	17 09 02 and 17 09 03 mixed construction and demo other than those mentioned in
Within the Country	17 09 04	No	560.02	17 09 02 and 17 09 03

No

No

Within the Country 19 08 05

Within the Country 10 12 10

sludges from treatment of urba

28276 87 combustible waste (refuse del

89.95 water

within the Country	19 12 10	INU	ZOOTO.OT CUITIDUSTIDIE WASTE (TETUSE DE
Within the Country	19 12 10	No	62385.47 combustible waste (refuse del
Within the Country	19 12 10	No	257.36 combustible waste (refuse del other wastes (including mixtul materials) from mechanical tre
Within the Country	19 12 12	No	wastes other than those ment 5332.2 12 11 other wastes (including mixtule materials) from mechanical tree
Within the Country	19 12 12	No	wastes other than those ment 3396.4 12 11 other wastes (including mixtule materials) from mechanical tree
Within the Country	19 12 12	No	wastes other than those ment 15515.0 12 11 other wastes (including mixtule materials) from mechanical tree
Within the Country	19 12 12	No	wastes other than those ment 16230.0 12 11
Within the Country	20 01 01	No	10.64 paper and cardboard
Within the Country	20 01 36	No	discarded electrical and electrical equipment other than those m 8.06 20 01 21, 20 01 23 and 20 01
Within the Country	20 01 38	No	1029.2 wood other than that mentions
Within the Country	20 01 38	No	204.9 wood other than that mentions
Within the Country	20 03 01	No	52.14 mixed municipal waste
Within the Country	20 03 01	No	639.08 mixed municipal waste
Within the Country	20 03 07	No	22.32 bulky waste
Within the Country	17 02 02	No	156.48 glass

				· ·	Haz Waste : Name and
					Licence/Permit No of Next
					Destination Facility
					Non Haz Waste: Name and Licence/Permit No of
			Method Used		Recover/Disposer
	Waste	,		1	'
	Treatment			Location of	
ste	Operation	M/C/E	Method Used	Treatment	
				~ #	Rilta Environemtal
	D9	M	Weighed	Offsite in Ireland	Ltd,W0192-3
					Iriah Daakaaina
20	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,w0263-01
ng	N3	IVI	vveigned	Olisite III lielariu	Recycling, W0203-01
					Irish Packaging
	R3	M	Weighed	Offsite in Ireland	Recycling,w0263-01
			vv olgi lod		1.00y 5g, 1.0200 0 1
					Padraig Thornton Waste
					Disposal Ltd T/A Thornto
					Recycling Wood Chippir
					Facility,WFP-KE-10-006
	R3	M	Weighed	Offsite in Ireland	01
					Irish Packaging
	R3	M	Weighed	Offsite in Ireland	Recycling,w0263-01
	DO	N 4	\\\ - : - i i	Official in Inclain d	Killarney Waste Disposa
	R3	M	Weighed	Offsite in Ireland	,W0217-01
	R3	М	Weighed	Offsite in Ireland	Ballymount MRF ,W0238
					, , ,
	R3	М	Weighed	Offsite in Ireland	Dillon Waste ,W0184-01
					Roadstone
	R5	M	Weighed	Offsite in Ireland	Fassaroe,W0269-01
					Hammond Lane Metal Co
	R4	M	Weighed	Offsite in Ireland	,WFP-DC-09-0013-01
					Hammond Lane Metal Co
	R4	M	Weighed	Offsite in Ireland	,WFP-DC-09-0013-01
					Dadria v Transtava Masta
ose	D <i>E</i>	N.A	Weighod	Offsite in Ireland	Padriag Thornton Waste
olition wastes	R5	M	Weighed	Olisite in Ireland	Disposal,W0044-03
17 09 01,					Roadstone
1 17 00 01,	R5	M	Weighed	Offsite in Ireland	Fassaroe,W0269-01
olition wastes			vv olgi lod		1 4004100,11 0200 01
17 09 01,					Padraig Thornton Waste
,	R5	M	Weighed	Offsite in Ireland	Disposal Ltd ,W0206
					Dublin City Council Was
an waste					Water Section, Ringsend
	D7	M	Weighed	Offsite in Ireland	Treatment Works
					Wicklow Port Company
	5.4			0	Linited ,WFP - WW - 12
rived fuel)	D1	N/I	Weighed	Offeita in Iraland	∩∩∩7 ₋ ∩3

nveu luei)	ΚI	IVI	vveigneu	Olisite in lielanu	Drogheda Port
rived fuel)	R1	М	Weighed	Offsite in Ireland	Company,WFP-LH-11-00 01
rived fuel)	R1	M	Weighed	Offsite in Ireland	Padriag Thornton Waste Disposal, W0044-03
res of eatment of	TC1	IVI	Weighted	Olisite III licialid	Disposal, ************************************
tioned in 19	R3	M	Weighed	Offsite in Ireland	Enrich Composting Facil ,WFP/MH/08/0001/01
res of eatment of tioned in 19					McGill Environemtal
res of	R3	М	Weighed	Offsite in Ireland	Services, W0180-01
eatment of tioned in 19					Miltown Composting
res of	R3	M	Weighed	Offsite in Ireland	Systems LTD,WP01902
eatment of tioned in 19	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited ,W0195
			TV oliginou		Irish Packaging
	R3	M	Weighed	Offsite in Ireland	Recycling,w0263-01
ronic nentioned in 35	R5	M	Weighed	Offsite in Ireland	Rehab Recycle ,WFP-I
ed in 20 01 37		E	Weighed	Offsite in Ireland	Clonmel Waste Disposal ,WM WP 08 02
					Padraig Thornton Waste
					Disposal Ltd T/A Thornto Recycling Wood Chippir Facility,WFP-KE-10-006
ed in 20 01 37	R3	М	Weighed	Offsite in Ireland	01
	D1	М	Weighed	Offsite in Ireland	Nurendale Ltd T/A Panda Waste Services, W0261-(
	R3	M	Weighed	Offsite in Ireland	Padriag Thornton Waste Disposal, W0044-03
	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd ,W0206
	D12	M	Weighod	Officito in Iroland	Murphy Environmental
	R13	М	Weighed	Offsite in Ireland	Hollywood LTD,W0129-0

Name and License / Permit No. Haz Waste: Address of Next Actual Address of Final Destination i.e. Final Recovery / and Address of Final Recoverer / **Destination Facility** Disposer (HAZARDOUS WASTE Disposal Site (HAZARDOUS Non Haz Waste: Address of Recover/Disposer ONLY) WASTE ONLY) ENVA Ireland Ltd ,WO184-01, Clonminam Industrial Clonminam Industrial Block 402, Greenogue Estate Portlaoise Co Estate Portlaoise Co Laois ,,,Portlaoise Co Laois ,,,Portlaoise Co Business Park, Rathcoole Laois ,,,Ireland ,Dublin,Ireland Laois ,,,Ireland **Ballymount** Road,.,Walkinstown,Dublin 12, Ireland Ballymount Road,.,Walkinstown,Dublin 12, Ireland ns ng 1-Oldmilltown, kill,., Kildare, Irel and Ballymount Road,.,Walkinstown,Dublin 12, Ireland Aughacureen ,., Killarney Co. Kerry ,., Ireland Merrywell Industrial Estate, **Ballymount Road Lower** ,Ballymount Dublin 3-01 12,,,|reland The Kerries ,.,Tralee Co. Kerry ,,,Ireland Fassaroe ,.,Bray,Co. Wicklow, Ireland Pigeon Hse rd Ringsend ,.,Dublin 4 ,.,Ireland Pigeon Hse rd Ringsend ,,,Dublin 4 ,,,Ireland Kileen Rd, Ballyfermot, Dublin, D10, Ir eland Fassaroe ,.,Bray,Co. Wicklow, Ireland Dunboyne ,Co. Meath ,,,,,Ireland ste Ringsend Treatment Works, Ringsend, Dublin, Dub , , , , , , Ireland lin 4, Ireland , , , , Ireland North Quay ,,,Wicklow Town Ireland

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rown ,.,neianu
006- Harbourville Morningtonn
     Road,.,Drogheda,.,Ireland
     Kileen
     Rd, Ballyfermot, Dublin, D10, Ir
     eland
    .,.,Kilcock Co. Meath
     ,.,Ireland
     Coom, Glenville,., Cork, Irelan
     d
     Milltownmore, Fethard, Tipper
     ary,.,Ireland
     Kilmainhamwood Compost
     Ballynalurgan,.,
     Kilmainhamwood
5-01 Kells,.,Ireland
     Ballymount
     Road,.,Walkinstown,Dublin
     12, Ireland
                                   Rehab Recycle ,WFP-DS.-
     77 Broomhill Road
                                   10-0008-01,77 Broomhill
                                                                 77 Broomhill Road,
DS.- Thallaght ,,,Dublin 22.
                                   Road, Thallaght, Dublin
                                                                 Thallaght ,Dublin 22.
     ,.,Ireland
                                   22. ,Dublin 22. ,Ireland
                                                                 ,Dublin 22. ,Ireland
     23 Mitchell St ,., Clonmel
     Co. Tipperary ,,, Ireland
ns
ng
1-
     Oldmilltown, kill,., Kildare, Irel
     and
     Cappagh
     Road,.,Finglas,Dublin
01
     11, Ireland
     Kileen
     Rd, Ballyfermot, Dublin, D10, Ir
     eland
     Dunboyne ,Co. Meath
     ,.,.,Ireland
     Hollywood, Great Nags
     Head, The
     Naul, Dublin, Ireland
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Previous years		BACK			
					BACK
Release_To ▼	Year ▼	Pollutant_Number 💌	Pollutant_Description 💌	M_C_	E Method_Co
WasteWater	2014	240	Suspended Solids	E	ESTIMATE
WasteWater	2014	303	BOD	E	ESTIMATE
WasteWater	2014	306	COD	E	ESTIMATE
WasteWater	2014	308	Detergents (as MBAS)	E	ESTIMATE
WasteWater	2014	314	Fats, Oils and Greases	E	ESTIMATE
WasteWater	2014	324	Mineral oils	E	ESTIMATE
WasteWater	2014	343	Sulphate	E	ESTIMATE
WasteWater	2014	387	Ortho-phosphate (as P)	E	ESTIMATE

ode 💌	Method_Description ▼	Total ▼
		624
		2692 4531
		4531
		7
		135
		122
		987
		42

Method Codes M C E

Water Types
Freshwater
Seawater
Estuary

Transfer Destination Within the Country To Other Countries

Waste Treatment Operation
Recovery
Disposal

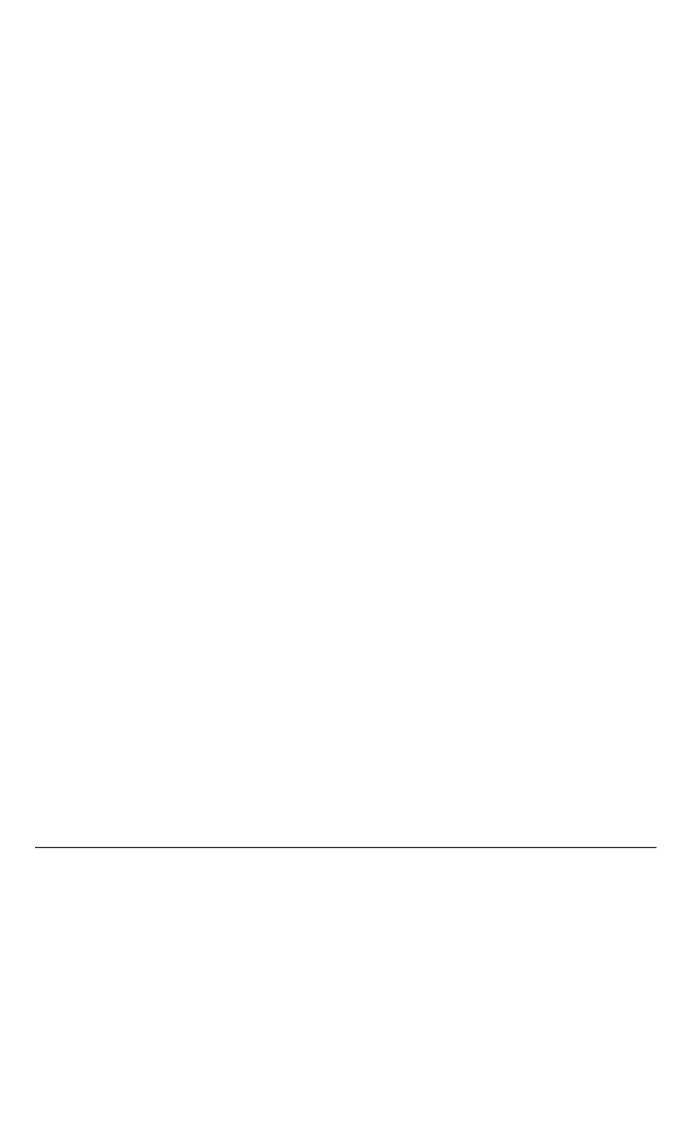
Waste Method Used
Weighed
Volume Calculation

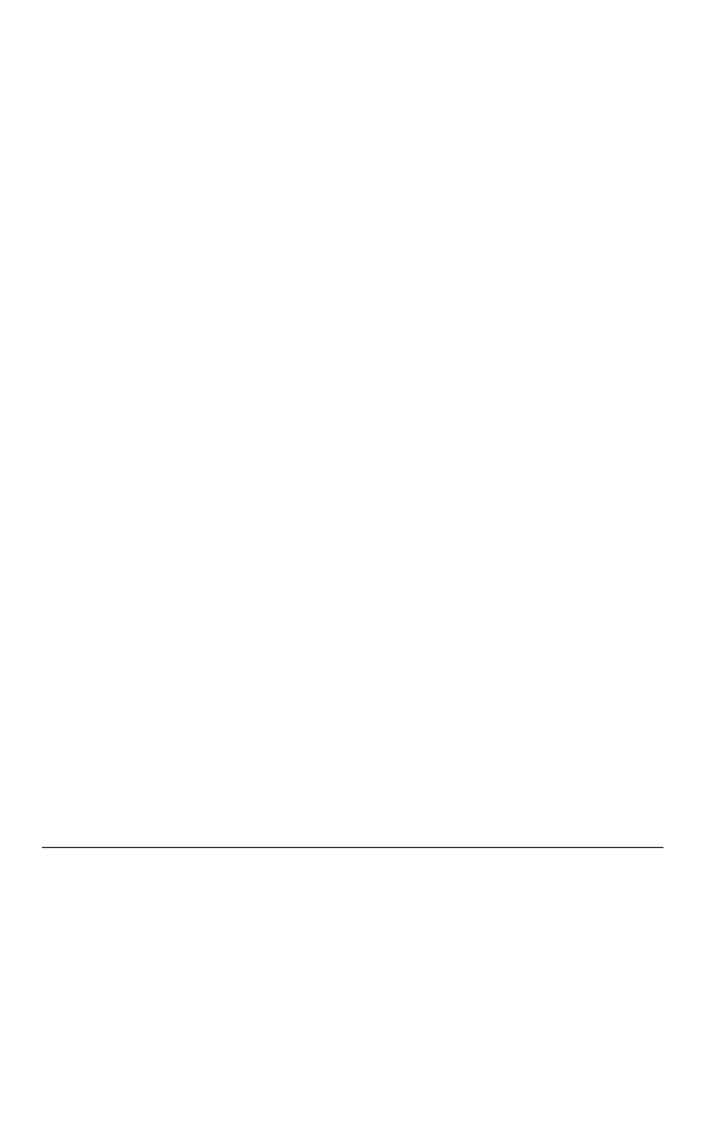
Treatment Location
Onsite of generation
Offsite in Ireland
Abroad

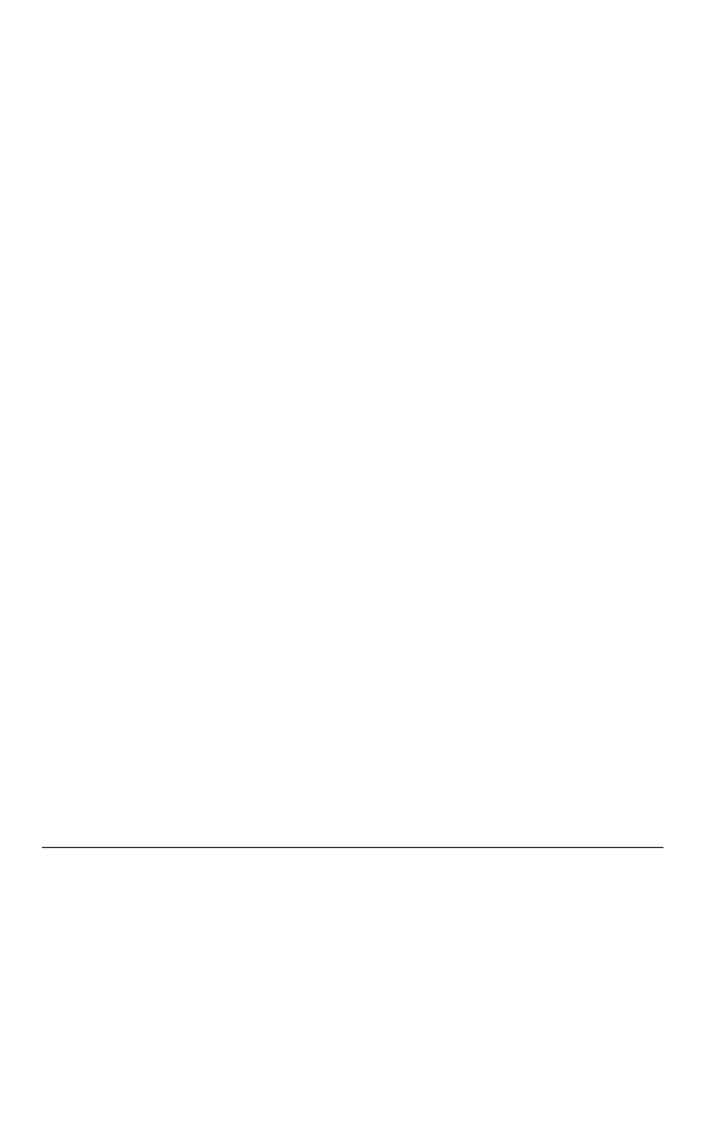
Yes/No	
Yes	
No	

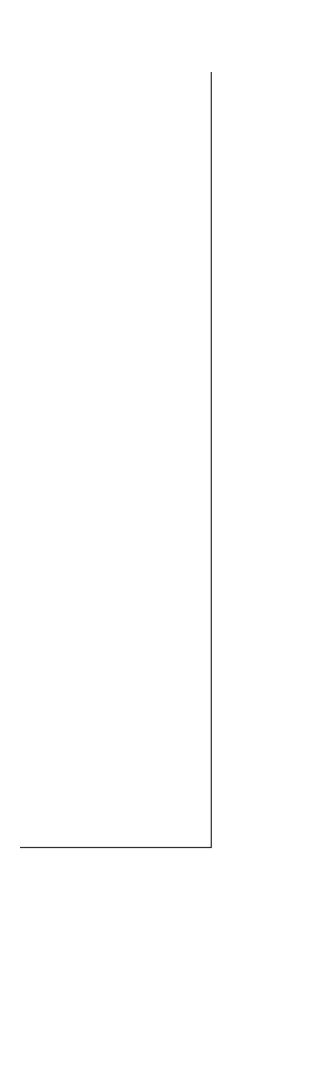
Country
Afghanistan
Åland Islands
Albania
Algeria
American Samoa
Andorra
Angola
Anguilla
Antarctica
Antigua and Barbuda
Argentina
Armenia
Aruba
Australia
Austria

Lookups Configured









Previous years data is correct as at 07/04/2016 16:56	
Type of Waste	Previous Year Total
Hazardous Waste inside the country for disposal	54.72
Hazardous Waste inside the country for recovery	12.66
Hazardous Waste outside the country for disposal	0
Hazardous Waste outside the country for recovery	0
Non-Hazardous Waste for disposal	804.34
Non-Hazardous Waste for recovery	161880.38

	BACK	
Current Year Total	Percentage Change	
89.96	64.4005848	
0	-100	
0	0	
0	0	
142.09	-82.33458488	
149945.08	-7.372913259	