Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	WO-205091
Name of site	Greyhound Recycling and Recovery
Site Location	Crag Avenue, Clondalking Industrial Estate, Dublin 22
NACE Code	3832
Class/Classes of Activity	Recovery of sorted materials
National Grid Reference (6E, 6 N)	53°19'48.3"N 6°23'23.4"W
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.	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 Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Joe O Regan	Date	31/03/2016

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: WO-205091 Year 2015

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	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	pH	16/01/2015		N/A	7.48	pH units	yes	
SW1	onsite	SELECT	pH	15/04/2015		N/A	8.79	pH units	yes	
SW1	onsite	SELECT	pH	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	Fats, Oils and Grease	16/01/2015		N/A	<1	mg/L	yes	
SW1	onsite	SELECT	Fats, Oils and Grease	15/04/2015		N/A	2.9	mg/L	yes	
SW1	onsite	SELECT	Fats, Oils and Grease	08/07/2015		N/A	<1	mg/L	yes	
SW1	onsite	SELECT	Fats, 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)

					Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below			No	
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	External /Internal Lab Quality checklist	Assessment of 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	Averaging period	ELV or trigger values in licence or any revision therof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
SE1	Wastewater/Sewe	COD	discrete	16/01/2015	Monthly	8000	All values < ELV	244	mg/L	yes	INSTRUMENTAL METHODS	ISO		1839	
SE1	Wastewater/Sewe	COD	discrete	18/02/2015	Monthly	8000	All values < ELV	71	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	COD	discrete	26/03/2015	Monthly	8000	All values < ELV	86	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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	Wastewater/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	Wastewater/Sewe	COD	discrete	10/12/2015	Monthly	8000	All values < ELV	203	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	BOD	discrete	16/01/2015	Monthly	2000	All values < ELV	110	mg/L	yes	INSTRUMENTAL METHODS			894	
SE1	Wastewater/Sewe	BOD	discrete	18/02/2015	Monthly	2000	All values < ELV	11	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	BOD	discrete	26/03/2015	Monthly	2000	All values < ELV	37	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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	Wastewater/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	Wastewater/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	Wastewater/Sewe	BOD	discrete	28/08/2015	Monthly	2000	All values < ELV	18	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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	Wastewater/Sewe	BOD	discrete	27/11/2015	Monthly	2000	All values < ELV	26	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	BOD	discrete	10/12/2015	Monthly	2000	All values < ELV	113	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Suspended Solids	discrete	16/01/2015	Monthly	2000	All values < ELV	52	mg/L	yes	Gravimetric analysis			25.9	
SE1	Wastewater/Sewe	Suspended Solids	discrete	18/02/2015	Monthly	2000	All values < ELV	26	mg/L	yes	Gravimetric analysis				
SE1	Wastewater/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	Wastewater/Sewe	Suspended Solids	discrete	29/06/2015	Monthly	2000	All values < ELV	62	mg/L	yes	Gravimetric analysis				
SE1	Wastewater/Sewe	Suspended Solids	discrete	30/05/2015	Monthly	2000	All values < ELV	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	Wastewater/Sewe	Suspended Solids	discrete	08/07/2015	Monthly	2000	All values < ELV	21	mg/L	yes	Gravimetric analysis				
SE1	Wastewater/Sewe	Suspended Solids	discrete	26/08/2015	Monthly	2000	All values < ELV	33	mg/L	yes	Gravimetric analysis				
SE1	Wastewater/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	Wastewater/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	yes	Gravimetric analysis				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	16/01/2015	Monthly	200	All values < ELV	8.1	mg/L	yes	Gravimetric analysis			140	
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	18/02/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	26/03/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	15/04/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	26/08/2015	Monthly	200	All values < ELV	<1	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	29/09/2015	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Fats, Oils and Greases	discrete	30/10/2015	Monthly	200	All values < ELV	<1.0	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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	pH	discrete	16/01/2015	Monthly	6-10	All values < ELV	6.5	mg/L	yes	pH Meter (Electrode)			125	
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	pH	discrete	26/03/2015	Monthly	6-10	All values < ELV	7.59	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/Sewe	pH	discrete	15/04/2015	Monthly	6-10	All values < ELV	7.5	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/Sewe	pH	discrete	29/05/2015	Monthly	6-10	All values < ELV	7.47	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/Sewe	pH	discrete	29/06/2015	Monthly	6-10	All values < ELV	6.9	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/Sewe	pH	discrete	08/07/2015	Monthly	6-10	All values < ELV	7.44	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/Sewe	pH	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	Wastewater/Sewe	pH	discrete	26/08/2015	Monthly	6-10	All values < ELV	7.08	mg/L	yes	pH Meter (Electrode)				
SE1	Wastewater/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	Wastewater/Sewe	pH	discrete	10/12/2015	Monthly	6-10	All values < ELV	7.07	mg/L	yes	pH Meter (Electrode)				
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	Wastewater/Sewe	Sulphate	discrete	26/03/2015	Monthly	500	All values < ELV	31.9	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	15/04/2015	Monthly	500	All values < ELV	21.6	mg/L	yes	INSTRUMENTAL METHODS				

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	Wastewater/Sewe	Sulphate	discrete	08/07/2015	Monthly	500	All values < ELV	36.5	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	26/08/2015	Monthly	500	All values < ELV	36.5	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	29/09/2015	Monthly	500	All values < ELV	47.101	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	30/10/2015	Monthly	500	All values < ELV	37.228	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	27/11/2015	Monthly	500	All values < ELV	37.32	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Sulphate	discrete	10/12/2015	Monthly	500	All values < ELV	42.62	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	16/01/2015	Monthly	100	All values < ELV	0.107	mg/L	yes	INSTRUMENTAL METHODS			33.87	
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	18/02/2015	Monthly	100	All values < ELV	1.02	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	15/04/2015	Monthly	100	All values < ELV	0.091	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/05/2015	Monthly	100	All values < ELV	<0.025	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/06/2015	Monthly	100	All values < ELV	0.175	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	29/09/2015	Monthly	100	All values < ELV	<6.120	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/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)	discrete	27/11/2015	Monthly	100	All values < ELV	<6.120	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Ortho-phosphate (as PO4)	discrete	10/12/2015	Monthly	100	All values < ELV	3.56	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	16/01/2015	Monthly	100	All values < ELV	0.83	mg/L	yes	INSTRUMENTAL METHODS			18.06	
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	18/02/2015	Monthly	100	All values < ELV	0.17	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	26/03/2015	Monthly	100	All values < ELV	0.13	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	15/04/2015	Monthly	100	All values < ELV	0.04	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	29/05/2015	Monthly	100	All values < ELV	0.91	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	29/06/2015	Monthly	100	All values < ELV	0.12	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	08/07/2015	Monthly	100	All values < ELV	0.88	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	26/08/2015	Monthly	100	All values < ELV	0.64	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	30/09/2015	Monthly	100	All values < ELV	0.612	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	27/11/2015	Monthly	100	All values < ELV	0.924	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Detergents (as MBAS)	discrete	10/12/2015	Monthly	100	All values < ELV	6.05	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	16/01/2015	Monthly	10	All values < ELV	0.54	mg/L	yes	INSTRUMENTAL METHODS			3.42	
SE1	Wastewater/Sewe	Mineral oils	discrete	18/02/2015	Monthly	10	All values < ELV	<0.021	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	26/03/2015	Monthly	10	All values < ELV	<0.021	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	15/04/2015	Monthly	10	All values < ELV	<0.021	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	29/05/2015	Monthly	10	All values < ELV	0	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	29/06/2015	Monthly	10	All values < ELV	0.4	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	08/07/2015	Monthly	10	All values < ELV	0	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	26/08/2015	Monthly	10	All values < ELV	0.2	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	30/09/2015	Monthly	10	All values < ELV	0.022	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	27/11/2015	Monthly	10	All values < ELV	0.024	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Mineral oils	discrete	10/12/2015	Monthly	10	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS				
SE1	Wastewater/Sewe	Temperature	discrete	16/01/2015	Monthly	max 43	All values < ELV	9	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	18/02/2015	Monthly	max 43	All values < ELV	8	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	26/03/2015	Monthly	max 43	All values < ELV	9.8	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	15/04/2015	Monthly	max 43	All values < ELV	9.2	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	29/05/2015	Weekly	max 43	All values < ELV	14	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	29/06/2015	Monthly	max 43	All values < ELV	15	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/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	Wastewater/Sewe	Temperature	discrete	30/09/2015	Monthly	max 43	All values < ELV	15.5	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	30/10/2015	Monthly	max 43	All values < ELV	14.5	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	27/11/2015	Monthly	max 43	All values < ELV	10	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	Temperature	discrete	10/12/2015	Monthly	max 43	All values < ELV	10.1	degrees C	yes	Other (please describe)				Thermometer
SE1	Wastewater/Sewe	volumetric flow	discrete		Annual	<10	All values < ELV	9.91	m3/day	yes					

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

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

AIR-summary template	Lic No:	WO-205091	Year	2015

Answer all questions and complete all tables where relevant

			Additional information
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	

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? Basic air monitoring checklist AGN2	Yes	

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

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

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

Table A3: Abatement system bypass reporting table Bypass protocol

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

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

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

Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5

No

Table A4: Solvent Management Plan Summary
Total VOC Emission limit value

Solvent regulations — Please refer to linked solvent regulations to complete table 5 and 6

Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site (direct and fugitive)	Total VOC emissions as %of solvent input	Total Emission Limit Value (ELV) in licence or any revision therof	Compliance
					SELECT
					SELECT

Table A5: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
							Total	

Bund/Pipeline testing template

Lic No: WO-205091 Year 2015

Bund testing

dropdown menu click to see options

			Additional information
1	Are you required by your licence to undertake integrity testing on bunds and containment structures ? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to **all bunds which failed** the integrity test-**all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licenced testing period** (mobile bunds and chemstore included)	Yes	
2	Please provide integrity testing frequency period	3 years	
3	Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)	No	
4	How many bunds are on site?	4	
5	How many of these bunds have been tested within the required test schedule?	2	
6	How many mobile bunds are on site?	3	
7	Are the mobile bunds included in the bund test schedule?	Yes	
8	How many of these mobile bunds have been tested within the required test schedule?	2	
9	How many sumps on site are included in the integrity test schedule?	0	
10	How many of these sumps are integrity tested within the test schedule?	0	
	Please list any sump integrity failures in table B1		
11	Do all sumps and chambers have high level liquid alarms?	SELECT	N/A
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	SELECT	N/A
13	Is the Fire Water Retention Pond included in your integrity test programme?	SELECT	N/A

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Diesel Bund	Reinforced concrete		Diesel	40m3	44	Structural assessment		14/11/2014	Yes	Pass		SELECT		
Diesel exhaust fluid bun	other (please specify)	plastic portable bund	AdBlue			Other (please specify)	liquid tightness test	14/11/2014	Yes	Pass		SELECT		

* Capacity required should comply with 25% or 110% containment rule as detailed in your licence

			Commentary
15	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? bunding and storage guidelines	Yes	
16	Are channels/transfer systems to remote containment systems tested?	No	
17	Are channels/transfer systems compliant in both integrity and available volume?	No	

Pipeline/underground structure testing

1	Are you required by your licence to undertake integrity testing* on underground structures e.g. pipelines or sumps etc ? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test and all which have not been tested withing the integrity test period as specified**	Yes	Conducted in 2016
2	Please provide integrity testing frequency period	3 years	

*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

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

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

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

Groundwater/Soil monitoring template	Lic No:	WO-205091	Year	2015

			Comments	
1	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 interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
2	Are you required to carry out soil monitoring as part of your licence requirements?	no		
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no		
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	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

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

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

*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA. Groundwater monitoring template

More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31) Guidance on the Management of Contaminated Land and Groundwater at EPA Licensed Sites (EPA 2013).

**Depending on location of the site and proximity to other sensitive receptors alternative Receptor based Water Quality standards should be used in addition to the GTV e.g. if the site is close to surface water compare to Surface Water Environmental Quality Standards (SWEQS), If the site is close to a drinking water supply compare results to the Drinking Water Standards (DWS)

Surface water EQS | Groundwater regulations GTV's | Drinking water (private supply) standards | Drinking water (public supply) standards | Interim Guideline Values (IGV)

Table 3: Soil results

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

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

Environmental Liabilities template	Lic No:	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 Impairment 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	2015

	Highlighted cells contain dropdown menu click to view		Additional Information
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	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	80	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.	General Manager/ Managing Director	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.	80	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 faciltiy complies with waste waster discharge license.	Facility Supervisor/ Facility Manager	Improved Environmental Management Practices

Noise monitoring summary report	Lic No:	WO-205091	Year	2015

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below	Yes
2	Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? (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
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?	No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
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

13/11/2015	Nightime	N5		48	39	50.8	68.1	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

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	02/11/2015	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	No	SEAI - Large Industry Energy Network (LIEN)
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	N/A	No boiler onsite

Table R1 Energy usage on site

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	1206	1,467		18.00%
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)				
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 on site

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

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
02/11/2015			energy audit					
			SELECT					
			SELECT					

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

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

Complaints and Incidents summary template Lic No: WO-205091 Year 2015

Complaints

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

Table 1 Complaints summary

Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
11/01/2015	Odour		Internal odour complaint	Constructed research trails with small trial of bottles of perfume as a potential masking agent.		Company conducted research with research partner Nova Q in regard to reducing odour load from Organic fines	
16/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	Compony replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
19/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
21/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
30/01/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
06/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
03/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
03/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
16/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 2 Odour abatement system installed on 25/03/2015	
16/02/2015	Odour		Odour complaint	Installation of phase 2	Complete	Company replaced old odour abatement system with new Phase 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	
14/04/2015	Flies		Fly complaint	Not linked to site	Complete	Pest control company investigated and advised of sources closer to the complainant site. Comprehensive pest control program implemented in 2015.	
14/05/2015	Odour		Odour complaint	Simdean requested to 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	
29/05/2015	Odour		Odour complaint	Change out carbon	Complete	Major clean down of shed 2, carbon changed on 30/05/2015	
09/06/2015	Odour		Odour complaint	Replaced carbon & inspected the odour abatement system	Complete	During the inspection of the Odour Abatement System in conjunction with Simdean (manufacturer) a basket failure was identified. This failure was related to the manufacturing process that was employed to manufacture the adsorber basket. Repairs were completed to the basket under the supervision and direction of Simdean the supplier who advised that the likelihood of reoccurence is low given their 100% inspection of the repaired basket. Simdean advised that no other incident related to an adsorber basket has occured in any other system they manufactured and advised this issue to be an isolated incident not likely to occur again in this system or any other system that they manufacture.	
22/06/2015	Odour		Odour complaint	May be linked to movement of vehicles	Complete	Set up a system to check the carbon in the adsorber	
12/07/2015	Odour		Odour complaint	Not linked to site	Complete	Not linked to site	
16/07/2015	Flies		Fly complaint	Not linked to site	Complete	Pest control company investigated and advised of sources closer to the complainant site.	
27/07/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with bacteria	
28/07/2015	Flies		Fly complaint	Not linked to site	Complete	Pest control company investigated and advised of sources closer to the complainant site. Comprehensive pest control program implemented in 2015. Additional thermal fumigation completed.	
29/07/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
01/08/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	

04/08/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
15/08/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
18/08/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
21/09/2015	Odour		Internal odour complaint	Linked odour to truck removal of organic fines from building	Ongoing	Reviewed the use of perfumes to mask the odour	
22/09/2015	Odour		Internal odour complaint	Linked odour to truck removal of organic fines from building	Ongoing	Reviewed the use of perfumes to mask the odour	
23/09/2015	Odour		Internal odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
25/09/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
26/09/2015	Odour		Odour complaint	Unable to link to site	Complete		
27/09/2015	Odour		Odour complaint	Unable to link to site	Complete		
19/10/2015	Odour		Odour complaint	Linked to movement of vehicles carrying organic waste	Complete	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
19/10/2015	Odour		Odour complaint	Linked odour to truck removal of organic fines from building	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
21/11/2015	Odour		Odour complaint	Linked odour to truck removal of organic fines from building	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	
15/12/2015	Odour		Odour complaint	Linked odour to truck removal of organic fines from building	Ongoing	Enagaged with Nova Q to research alternative to perfumes and identified potential to break the odour cycle with use of a bacteria product to break the Odour cycle.	

Total complaints open at start of reporting year	
Total new complaints received during reporting year	37
Total complaints closed during reporting year	
Balance of complaints end of reporting year	

Incidents		
		Additional information
Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	Yes	See below

*For information on how to report and what constitutes an incident	What is an incident

Table 2 Incidents summary

Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurence
23/01/2015	Odour	Other location folease speci	1. Minor	Air	Plant or equipment issues		Normal activities	EPA	New	Repaired carbon bed on old odour abatement system	Odouor Abatement system upgraded to new system	Complete	8AM 24/01/2015	Low
17/08/2015	Breach of ELV	Licenced discharge point (sp	2. Limited	Sewer	Other (add details	Wash down of skip that previously contained food waste	Non Routine maint	EPA	New	Restriction on use of interceptor	Customers to clean skips on their own site	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	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT

Total number of incidents current year	2
Total number of incidents previous year	1
% 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	PRTR facility logon	dropdown list click to see options		

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

			Additional Information
1	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries is to be captured through PRTR reporting) If yes please enter details in table 1 below	Yes	
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	No	
3	Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information	No	

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

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant EWC code** European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/ - %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
250,000											
	15 01 01	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	Segragated cardboard and paper-corrugated cardboard, paper wrapping and bags	12.46	33.5	-168%	Sent directly to other facilities		*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*0*	
	15 01 02	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	Plastic packaging	*34.8*	33.2	5%	Increase in customer recycling		*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*0*	
	15 01 04	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Segrated metal packaging-waste aluminium cans	*96*	5.1	94%	Increase in municipal recycling		*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	0	
	15 01 06	*(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND*	Segragated mixed packaging waste	9116.1	3258.8	64%	municipal waste coming directly on site		*any of the operations numbered R1 to R12 (excluding temporary storage)*	0	
	20 01 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	Newspapers and pamplets	12.7	20.1	-58%	Sent directly to other facilitiy		*R13-Storage of waste pending any of the operations*	0	
	20 01 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	Paper cardboard from municiple sources	25.1	0	100%	New customer		*R12-Exchange of waste for submission to any of the*	0	
	20 01 38	*(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND*	Wood waste from municiple sources	1325.9	2431.3	-83%	Wood waste sent directly to other facility		*any of the operations numbered R1 to R12 (excluding temporary storage)*	0	
	20 03 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	Mixed residual waste from household and	144,266.00	153,760.00	-7%	Reduction may be from the		*R13-Storage of waste pending any of the operations*	4188	
	20 03 01	*(HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY*	Mixed dry recycables	104.7	0	100%	Increase in municipal recycling due to pay by weight iniative		*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	0	
	16 02 14	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	WEEE	8.1	8.1	0%	No fluctuation		*R13-Storage of waste pending any of the operations*	0	
	17 04 02	*17- CONSTRUCTION AND DEMOLITION WASTES*	Alluminum seperated from C&D waste	68.2	12.2	82%	Increase in customer		*R13-Storage of waste pending any of the operations*	0	
	17 02 04	*17- CONSTRUCTION AND DEMOLITION WASTES*	Waste glass from C&D sources	13	0	100%	New customer		*R13-Storage of waste pending any of the operations*	0	
	17 04 07	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	C&D mixed metals	52.7	98	86%	Reduction in construction generate materials from customers		*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	0	

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

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 your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	Yes	
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	Yes	
6 Does your facility have relevant nuisance controls in place?	Yes	
7 Do you have an odour management system in place for your facility? If no why?	Yes	
8 Do you maintain a sludge register on site?	Yes	

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type and tonnage-landfill only

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

Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	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 compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments

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

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

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

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

Table 7 Landfill Gas-Landfill only

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

Guidance to completing the PRTR workbook

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	Crag Avenue
Address 2	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	3832
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
eturns 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	30
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

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 enter all quantities in this section in KGs			
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 (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
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 (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

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

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

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	**Dust**	E	CRM	Measurement of dustfall using the Bergerhoff Instrument	0.0	2005.0	0.0	2005.0

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their

Landfill: Greyhound Recycling & Recovery

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

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

4.2 RELEASES TO WATERS

Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

ADD NEW ROW | DELETE ROW *

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

SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS	
POLLUTANT	
No. Annex II	Name

ADD NEW ROW | DELETE ROW *

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

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

RELEASES TO WATERS	
POLLUTANT	
Pollutant No.	Name

ADD NEW ROW | DELETE ROW *

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

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

			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

ı B) then click the delete button

			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

ı B) then click the delete button

			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

ı B) then click the delete button

quirements, should NOT be submitted under AER / PRTR

in KGs

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

in KGs

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

in KGs

	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 F
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 F
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				Please
	METHOD			ADD E
		Method Used		
	M/C/E	Method Code	Designation or Description	Emissio

ı B) then click the delete button

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

ı B) then click the delete button

enter all quantities in this section in KGs

EMISSION POINT	QUANTITY		
on 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		
on 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

4.4 RELEASES TO LAND

Link to previous years emissions data

SECTION A : PRTR POLLUTANTS

RELEASES TO LAND	
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)

RELEASES TO LAND	
POLLUTANT	
Pollutant No.	Name

ADD NEW ROW | DELETE ROW * | * Select a row by double-clicking on the Pollutant Name (Column

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

ı B) then click the delete button

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

ı B) then click 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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet i

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	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 tho mentioned in 17 05 03
Within the Country	17 09 04	No	18.04	mixed construction and demo other than those mentioned in 17 09 02 and 17 09 03
Within the Country	17 09 04	No	560.02	mixed construction and demo other than those mentioned in 17 09 02 and 17 09 03
Within the Country	19 08 05	No	89.95	sludges from treatment of urba water
Within the Country	19 12 10	No	28376.87	combustible waste (refuse de

Within the Country	19 12 10	No	28376.87	combustible waste (refuse der
Within the Country	19 12 10	No	62385.47	combustible waste (refuse der
Within the Country	19 12 10	No	257.36	combustible waste (refuse der
Within the Country	19 12 12	No	5332.2	other wastes (including mixtur materials) from mechanical tre wastes other than those ment 12 11
Within the Country	19 12 12	No	3396.4	other wastes (including mixtur materials) from mechanical tre wastes other than those ment 12 11
Within the Country	19 12 12	No	15515.0	other wastes (including mixtur materials) from mechanical tre wastes other than those ment 12 11
Within the Country	19 12 12	No	16230.0	other wastes (including mixtur materials) from mechanical tre wastes other than those ment 12 11
Within the Country	20 01 01	No	10.64	paper and cardboard
Within the Country	20 01 36	No	8.06	discarded electrical and electr equipment other than those m 20 01 21, 20 01 23 and 20 01
Within the Country	20 01 38	No	1029.2	wood other than that mentione
Within the Country	20 01 38	No	204.9	wood other than that mentione
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

in Tonnes

ste	Waste Treatment Operation	Method Used: M/C/E	Method Used: Method Used	Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer
	D9	M	Weighed	Offsite in Ireland	Rilta Environemtal Ltd,W0192-3
ng	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,w0263-01
	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,w0263-01
	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd T/A Thornto Recycling Wood Chippir Facility,WFP-KE-10-006 01
	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,w0263-01
	R3	M	Weighed	Offsite in Ireland	Killarney Waste Disposa ,W0217-01
	R3	M	Weighed	Offsite in Ireland	Ballymount MRF ,W0238
	R3	M	Weighed	Offsite in Ireland	Dillon Waste ,W0184-01
	R5	M	Weighed	Offsite in Ireland	Roadstone Fassaroe,W0269-01
	R4	M	Weighed	Offsite in Ireland	Hammond Lane Metal Co ,WFP-DC-09-0013-01
	R4	M	Weighed	Offsite in Ireland	Hammond Lane Metal Co ,WFP-DC-09-0013-01
se	R5	M	Weighed	Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03
lition wastes n 17 09 01,	R5	M	Weighed	Offsite in Ireland	Roadstone Fassaroe,W0269-01
lition wastes n 17 09 01,	R5	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd ,W0206
an waste	D7	M	Weighed	Offsite in Ireland	Dublin City Council Was Water Section,Ringsend Treatment Works
rived fuel)	R1	M	Weighed	Offsite in Ireland	Wicklow Port Company Linited ,WFP - WW - 12 0007-03

rived fuel)	R1	M	Weighed	Offsite in Ireland	0007-03
rived fuel)	R1	M	Weighed	Offsite in Ireland	Drogheda Port Company,WFP-LH-11-00 01
rived fuel)	R1	M	Weighed	Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03
res of eatment of tioned in 19	R3	M	Weighed	Offsite in Ireland	Enrich Composting Facil ,WFP/MH/08/0001/01
res of eatment of tioned in 19	R3	M	Weighed	Offsite in Ireland	McGill Environemtal Services,W0180-01
res of eatment of tioned in 19	R3	M	Weighed	Offsite in Ireland	Miltown Composting Systems LTD,WP01902
res of eatment of tioned in 19	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Limited ,W0195
	R3	M	Weighed	Offsite in Ireland	Irish Packaging Recycling,w0263-01
ronic nentioned in 35	R5	M	Weighed	Offsite in Ireland	Rehab Recycle ,WFP-D 10-0008-01
ed in 20 01 37	R3	E	Weighed	Offsite in Ireland	Clonmel Waste Disposal ,WM WP 08 02
ed in 20 01 37	R3	M	Weighed	Offsite in Ireland	Padraig Thornton Waste Disposal Ltd T/A Thornto Recycling Wood Chippir Facility,WFP-KE-10-006 01
	D1	M	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
	R13	M	Weighed	Offsite in Ireland	Murphy Environmental Hollywood LTD,W0129-0

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

	Town ,.,Ireland		
006-	Harbourville Morningtonn Road,.,Drogheda,.,Ireland Kileen Rd,Ballyfermot,Dublin,D10,Ireland		
ity	.,.,Kilcock Co. Meath ,.,Ireland		
	Coom,Glenville,.,Cork,Ireland		
	Milltownmore,Fethard,Tipperary,.,Ireland Kilmainhamwood Compost Ballynalurgan ,., Kilmainhamwood		
5-01	Kells,.,Ireland Ballymount Road,.,Walkinstown ,Dublin 12,Ireland		
DS.-	77 Broomhill Road Thallaght ,.,Dublin 22. ,.,Ireland	Rehab Recycle ,WFP-DS.-10-0008-01,77 Broomhill Road , Thallaght ,Dublin 22. ,Dublin 22. ,Ireland	77 Broomhill Road , Thallaght ,Dublin 22. ,Dublin 22. ,Ireland
l	23 Mitchell St ,.,Clonmel Co. Tipperary ,.,Ireland		
ons ng			
1-	Oldmilltown,kill,.,Kildare,Ireland		
a	Cappagh Road,.,Finglas,Dublin		
01	11,Ireland Kileen Rd,Ballyfermot,Dublin,D10,Ireland		
	Dunboyne ,Co. Meath ,.,.,Ireland		
3	Hollywood,Great Nags Head,The Naul,Dublin,Ireland		

Previous years data is correct as at 07/04/2016 16:56

BACK

Release_To	Year	Pollutant_Number	Pollutant_Description	M_C_E	Method_Cc
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
		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

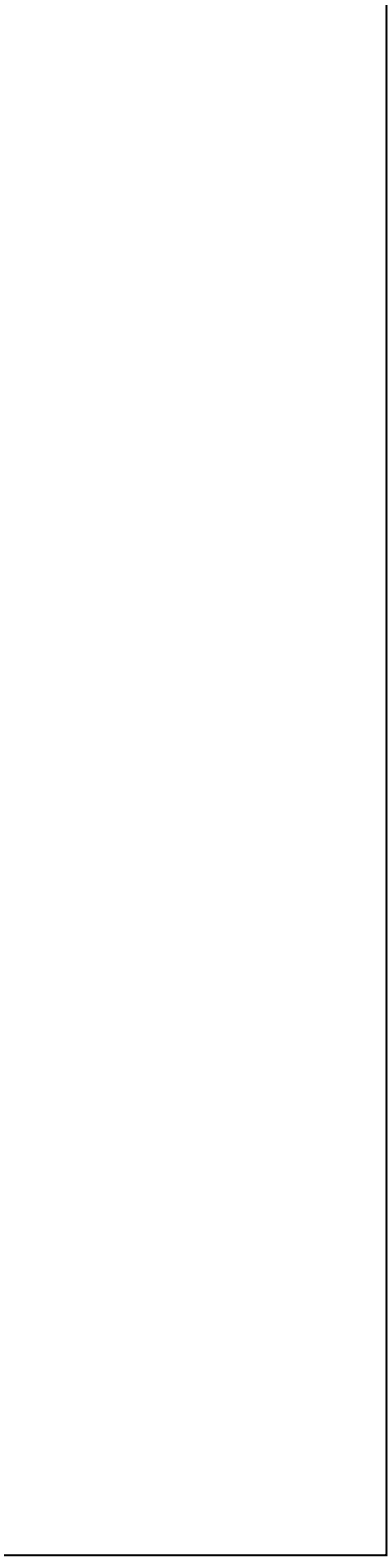
Waste Method Used
Weighed
Volume Calculation

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
Y



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