Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	W0205-01
Name of site	Greyhound Recycling and Recovery
Site Location	Crag Avenue, Clondalkin Industrial Estate, Dublin 22
NACE Code	2832
Class/Classes of Activity	3.11, 3.12, 3.13, 4.2, 4.3, 4.4, 4.8, 4.11, 4.12, 4.13
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 activities that take place on site are the sorting, separating, processing and bulking of incoming waste materials,to divert waste from landfill, for the production of Refuse Derived Fuel, and Solid Refuse Fuel. The main processes carried out on site are described as follows: 1. MMW is accepted using the Waste Acceptance Procedure CR-113. All weights are recorded at the weighbridge office, on the IWS System. 2. Tipped in MRB2, incoming materials are inspected upon reception by the Shovel Driver in the Waste Acceptance Area, prior to them being loaded onto the Intake Conveyor for processing. 3. Materials from the Intake Conveyor are fed into the M&J Shredder, and are shredded at variable speed. The capacity of the M&J Shredder is 100tonnes/hr. The shredded wastes from the outlet of the shredder have maximum size of 400mm and are conveyed to a Trommel for size screening. 4. Isolation of ferrous metal from oversized residues, is completed by Magnetic separation via two overband magnets. 5. The wastes are separated into undersized (≤200 mm) and oversized residues (≤400mm) by size exclusion. 6. Weight separation of the remaining Oversized residuals, achieved using an air-blower (Integra), leading to the segregation of light from heavy particles. 7. RDF is obtained from the heavy separates obtained after weight exclusion from the oversized residues. 8. During the first stage of Undersize processing, Ferrous metals are removed from the undersized residues by a magnet (magnet 2) and removed from the conveyer belt into the Ferrous metal bay. 9. The Second stage of Undersized processing involves sending the residues through a Trommel (Trommel 2) where the organic fines are extracted (<50mm).

Declaration:

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

_____	_____
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

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		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 — Licensed emissions to Trade Effluent
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 — daily routine inspections of Storm Water included visual, odour, conductivity and Ph monitorring.

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	na	Conductivity	28/01/2016	NA	N/A	NA	µS/cm @20oC	NA	NA
SW1	onsite	na	pH	28/01/2016	NA	N/A	7.3	pH units	NA	NA
SW1	onsite	na	COD	28/01/2016	NA	N/A	20	mg/L O2	NA	NA
SW1	onsite	na	Fats, Oils and Greases	28/01/2016	NA	N/A	<1.0	mg/L	NA	NA
SW1	onsite	na	Suspended Solids	28/01/2016	NA	N/A	<2.0	mg/L	NA	NA
SW1	onsite	na	Conductivity	30/03/2016	NA	N/A	NA	µS/cm @20oC	NA	NA
SW1	onsite	na	pH	30/03/2016	NA	N/A	7.45	pH units	NA	NA
SW1	onsite	na	COD	30/03/2016	NA	N/A	38	mg/L O2	NA	NA
SW1	onsite	na	Fats, Oils and Greases	30/03/2016	NA	N/A	<1.0	mg/L	NA	NA
SW1	onsite	na	Suspended Solids	30/03/2016	NA	N/A	7	mg/L	NA	NA
SW1 (lab ref. 316622)	onsite	na	Conductivity	18/04/2016	NA	N/A	639	µS/cm @20oC	NA	NA
SW1 (lab ref. 316622)	onsite	na	pH	18/04/2016	NA	N/A	8.88	pH units	NA	NA
SW1 (lab ref. 316622)	onsite	na	COD	18/04/2016	NA	N/A	91	mg/L O2	NA	NA
SW1 (lab ref. 316622)	onsite	na	Fats, Oils and Greases	18/04/2016	NA	N/A	<1.000	mg/L	NA	NA
SW1 (lab ref. 316622)	onsite	na	Suspended Solids	18/04/2016	NA	N/A	10	mg/L	NA	NA
SW1 (lab ref 318602)	onsite	na	Conductivity	11/05/2016	NA	N/A	359	µS/cm @20oC	NA	NA
SW1 (lab ref 318602)	onsite	na	pH	11/05/2016	NA	N/A	7.42	pH units	NA	NA
SW1 (lab ref 318602)	onsite	na	COD	11/05/2016	NA	N/A	22	mg/L O2	NA	NA
SW1 (lab ref 318602)	onsite	na	Fats, Oils and Greases	11/05/2016	NA	N/A	<1.000	mg/L	NA	NA
SW1 (lab ref 318602)	onsite	na	Suspended Solids	11/05/2016	NA	N/A	2	mg/L	NA	NA
SW1 (Lab ref 330528)	onsite	na	Conductivity	30/08/2016	NA	N/A	785	µS/cm @20oC	NA	NA
SW1 (Lab ref 330528)	onsite	na	pH	30/08/2016	NA	N/A	9.18	pH units	NA	NA
SW1 (Lab ref 330528)	onsite	na	COD	30/08/2016	NA	N/A	229	mg/L O2	NA	NA
SW1 (Lab ref 330528)	onsite	na	Fats, Oils and Greases	30/08/2016	NA	N/A	3.618	mg/L	NA	NA
SW1 (Lab ref 330528)	onsite	na	Suspended Solids	30/08/2016	NA	N/A	39	mg/L	NA	NA
SW1 (Lab ref 333080)	onsite	na	Conductivity	22/09/2016	NA	N/A	740	µS/cm @20oC	NA	NA
SW1 (Lab ref 333080)	onsite	na	pH	22/09/2016	NA	N/A	9.15	pH units	NA	NA
SW1 (Lab ref 333080)	onsite	na	COD	22/09/2016	NA	N/A	310	mg/L O2	NA	NA
SW1 (Lab ref 333080)	onsite	na	Fats, Oils and Greases	22/09/2016	NA	N/A	9.18	mg/L	NA	NA

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SW1 (Lab ref 333080)	onsite	na	Suspended Solids	22/09/2016	NA	N/A	24	mg/L	NA	NA
SW1 (Lab ref 335623)	onsite	na	Conductivity	14/10/2016	NA	N/A	463	µS/cm @20oC	NA	NA
SW1 (Lab ref 335623)	onsite	na	pH	14/10/2016	NA	N/A	7.61	pH units	NA	NA
SW1 (Lab ref 335623)	onsite	na	COD	14/10/2016	NA	N/A	52	mg/L O2	NA	NA
SW1 (Lab ref 335623)	onsite	na	Fats, Oils and Greases	14/10/2016	NA	N/A	6.882	mg/L	NA	NA
SW1 (Lab ref 335623)	onsite	na	Suspended Solids	14/10/2016	NA	N/A	8	mg/L	NA	NA
SW1 (lab ref339843)	onsite	na	Conductivity	17/11/2016	NA	N/A	364	µS/cm @20oC	NA	NA
SW1 (lab ref339843)	onsite	na	pH	17/11/2016	NA	N/A	7.43	pH units	NA	NA
SW1 (lab ref339843)	onsite	na	COD	17/11/2016	NA	N/A	20	mg/L O2	NA	NA
SW1 (lab ref339843)	onsite	na	Fats, Oils and Greases	17/11/2016	NA	N/A	<1.000	mg/L	NA	NA
SW1 (lab ref339843)	onsite	na	Suspended Solids	17/11/2016	NA	N/A	2	mg/L	NA	NA
SW1 (lab ref 339844)	onsite	na	Conductivity	17/11/2016	NA	N/A	351	µS/cm @20oC	NA	NA
SW1 (lab ref 339844)	onsite	na	pH	17/11/2016	NA	N/A	7.49	pH units	NA	NA
SW1 (lab ref 339844)	onsite	na	COD	17/11/2016	NA	N/A	21	mg/L O2	NA	NA
SW1 (lab ref 339844)	onsite	na	Fats, Oils and Greases	17/11/2016	NA	N/A	<1.000	mg/L	NA	NA
SW1 (lab ref 339844)	onsite	na	Suspended Solids	17/11/2016	NA	N/A	3	mg/L	NA	NA
SW1 (lab ref 343301)	onsite	na	Conductivity	15/12/2016	NA	N/A	426	µS/cm @20oC	NA	NA
SW1 (lab ref 343301)	onsite	na	pH	15/12/2016	NA	N/A	7.85	pH units	NA	NA
SW1 (lab ref 343301)	onsite	na	COD	15/12/2016	NA	N/A	24	mg/L O2	NA	NA
SW1 (lab ref 343301)	onsite	na	Fats, Oils and Greases	15/12/2016	NA	N/A	<1.000	mg/L	NA	NA
SW1 (lab ref 343301)	onsite	na	Suspended Solids	15/12/2016	NA	N/A	6	mg/L	NA	NA

*trigger values may be agreed by the Agency

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	
na	na	na	na	na	na	SELECT	na	na	na	na
na	na	na	na	na	na	SELECT	na	na	na	na

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

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

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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)
TE1	Wastewater/Sewer	BOD	discrete	28/01/2016	Monthly	2,000	All values < ELV	108	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1	Wastewater/Sewer	COD	discrete	28/01/2016	Monthly	8,000	All values < ELV	182	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1	Wastewater/Sewer	Conductivity	discrete	28/01/2016	Monthly	NA	All values < ELV	NA	µS/cm @20oC	NA	INSTRUMENTAL METHODS	NA	D/D3011	
TE1	Wastewater/Sewer	Detergents (as MBAS)	discrete	28/01/2016	Monthly	100	All values < ELV	0.769	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1	Wastewater/Sewer	Fats, Oils and Greases	discrete	28/01/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1	Wastewater/Sewer	Mineral oils	discrete	28/01/2016	Monthly	10	All values < ELV	0.044	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	28/01/2016	Monthly	100	All values < ELV	0.032	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	pH	discrete	28/01/2016	Monthly	6-10	All values < ELV	7.12	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1	Wastewater/Sewer	Sulphate	discrete	28/01/2016	Monthly	500	All values < ELV	30.145	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	Suspended Solids	discrete	28/01/2016	Monthly	2,000	All values < ELV	<5	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1	Wastewater/Sewer	BOD	discrete	24/02/2016	Monthly	2,000	All values < ELV	7	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1	Wastewater/Sewer	COD	discrete	24/02/2016	Monthly	8,000	All values < ELV	168	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1	Wastewater/Sewer	Conductivity	discrete	24/02/2016	Monthly	NA	All values < ELV	NA	µS/cm @20oC	NA	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1	Wastewater/Sewer	Detergents (as MBAS)	discrete	24/02/2016	Monthly	100	All values < ELV	0.576	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1	Wastewater/Sewer	Fats, Oils and Greases	discrete	24/02/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1	Wastewater/Sewer	Mineral oils	discrete	24/02/2016	Monthly	10	All values < ELV	0.28	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	24/02/2016	Monthly	100	All values < ELV	3.545	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	pH	discrete	24/02/2016	Monthly	6-10	All values < ELV	7.25	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1	Wastewater/Sewer	Sulphate	discrete	24/02/2016	Monthly	500	All values < ELV	39.31	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	Suspended Solids	discrete	24/02/2016	Monthly	2,000	All values < ELV	8	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1	Wastewater/Sewer	BOD	discrete	30/03/2016	Monthly	2,000	All values < ELV	53	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1	Wastewater/Sewer	COD	discrete	30/03/2016	Monthly	8,000	All values < ELV	723	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	

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TE1	Wastewater/Sewer	Conductivity	discrete	30/03/2016	Monthly	NA	All values < ELV	NA	µS/cm @20oC	NA	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1	Wastewater/Sewer	Detergents (as MBAS)	discrete	30/03/2016	Monthly	100	All values < ELV	1.223	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1	Wastewater/Sewer	Fats, Oils and Greases	discrete	30/03/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1	Wastewater/Sewer	Mineral oils	discrete	30/03/2016	Monthly	10	All values < ELV	0.16	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	30/03/2016	Monthly	100	All values < ELV	1.958	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	pH	discrete	30/03/2016	Monthly	6-10	All values < ELV	6.51	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1	Wastewater/Sewer	Sulphate	discrete	30/03/2016	Monthly	500	All values < ELV	60.121	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1	Wastewater/Sewer	Suspended Solids	discrete	30/03/2016	Monthly	2,000	All values < ELV	26	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 316931)	Wastewater/Sewer	BOD	discrete	20/04/2016	Monthly	2,000	All values < ELV	183	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 316931)	Wastewater/Sewer	COD	discrete	20/04/2016	Monthly	8,000	All values < ELV	352	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 316931)	Wastewater/Sewer	Conductivity	discrete	20/04/2016	Monthly	NA	All values < ELV	366	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 316931)	Wastewater/Sewer	Detergents (as MBAS)	discrete	20/04/2016	Monthly	100	All values < ELV	0.11	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 316931)	Wastewater/Sewer	Fats, Oils and Greases	discrete	20/04/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 316931)	Wastewater/Sewer	Mineral oils	discrete	20/04/2016	Monthly	10	All values < ELV	1.3	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 316931)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	20/04/2016	Monthly	100	All values < ELV	0.226	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 316931)	Wastewater/Sewer	pH	discrete	20/04/2016	Monthly	6-10	All values < ELV	6.55	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 316931)	Wastewater/Sewer	Sulphate	discrete	20/04/2016	Monthly	500	All values < ELV	46.419	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 316931)	Wastewater/Sewer	Suspended Solids	discrete	20/04/2016	Monthly	2,000	All values < ELV	35	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1(lab ref 316761)	Wastewater/Sewer	BOD	discrete	19/04/2016	Monthly	2,000	All values < ELV	159	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1(lab ref 316761)	Wastewater/Sewer	COD	discrete	19/04/2016	Monthly	8,000	All values < ELV	266	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1(lab ref 316761)	Wastewater/Sewer	Conductivity	discrete	19/04/2016	Monthly	NA	All values < ELV	322	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1(lab ref 316761)	Wastewater/Sewer	Detergents (as MBAS)	discrete	19/04/2016	Monthly	100	All values < ELV	0.137	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1(lab ref 316761)	Wastewater/Sewer	Fats, Oils and Greases	discrete	19/04/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1(lab ref 316761)	Wastewater/Sewer	Mineral oils	discrete	19/04/2016	Monthly	10	All values < ELV	0.26	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1(lab ref 316761)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	19/04/2016	Monthly	100	All values < ELV	0.451	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1(lab ref 316761)	Wastewater/Sewer	pH	discrete	19/04/2016	Monthly	6-10	All values < ELV	7.01	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1(lab ref 316761)	Wastewater/Sewer	Sulphate	discrete	19/04/2016	Monthly	500	All values < ELV	45.97	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1(lab ref 316761)	Wastewater/Sewer	Suspended Solids	discrete	19/04/2016	Monthly	2,000	All values < ELV	11	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 316621)	Wastewater/Sewer	BOD	discrete	18/04/2016	Monthly	2,000	All values < ELV	20880	mg/L O2	no (if no please enter details in	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 316621)	Wastewater/Sewer	COD	discrete	18/04/2016	Monthly	8,000	All values < ELV	21600	mg/L O2	no (if no please enter details in	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 316621)	Wastewater/Sewer	Conductivity	discrete	18/04/2016	Monthly	NA	All values < ELV	8810	µS/cm @20oC	NA	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 316621)	Wastewater/Sewer	Detergents (as MBAS)	discrete	18/04/2016	Monthly	100	All values < ELV	1.722	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 316621)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	18/04/2016	Monthly	100	All values < ELV	83.487	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 316621)	Wastewater/Sewer	pH	discrete	18/04/2016	Monthly	6-10	All values < ELV	4.82	pH units	no (if no please enter details in	INSTRUMENTAL METHODS	ISO	D/D1041	

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TE1 (lab ref 316621)	Wastewater/Sewer	Sulphate	discrete	18/04/2016	Monthly	500	All values < ELV	1,771.38	mg/L	no (if no please enter details in	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 316621)	Wastewater/Sewer	Suspended Solids	discrete	18/04/2016	Monthly	2,000	All values < ELV	1970	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1(lab ref 318605)	Wastewater/Sewer	BOD	discrete	11/05/2016	Monthly	2,000	All values < ELV	7	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1(lab ref 318605)	Wastewater/Sewer	COD	discrete	11/05/2016	Monthly	8,000	All values < ELV	28	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1(lab ref 318605)	Wastewater/Sewer	Conductivity	discrete	11/05/2016	Monthly	NA	All values < ELV	167.3	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1(lab ref 318605)	Wastewater/Sewer	Detergents (as MBAS)	discrete	11/05/2016	Monthly	100	All values < ELV	0.164	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1(lab ref 318605)	Wastewater/Sewer	Fats, Oils and Greases	discrete	11/05/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1(lab ref 318605)	Wastewater/Sewer	Mineral oils	discrete	11/05/2016	Monthly	10	All values < ELV	0.23	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1(lab ref 318605)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	11/05/2016	Monthly	100	All values < ELV	0.101	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1(lab ref 318605)	Wastewater/Sewer	pH	discrete	11/05/2016	Monthly	6-10	All values < ELV	7.29	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1(lab ref 318605)	Wastewater/Sewer	Sulphate	discrete	11/05/2016	Monthly	500	All values < ELV	31.382	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 330527)	Wastewater/Sewer	Suspended Solids	discrete	11/05/2016	Monthly	2,000	All values < ELV	8	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 330527)	Wastewater/Sewer	BOD	discrete	30/08/2016	Monthly	2,000	All values < ELV	29	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 330527)	Wastewater/Sewer	COD	discrete	30/08/2016	Monthly	8,000	All values < ELV	35	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 330527)	Wastewater/Sewer	Conductivity	discrete	30/08/2016	Monthly	NA	All values < ELV	232.4	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 330527)	Wastewater/Sewer	Detergents (as MBAS)	discrete	30/08/2016	Monthly	100	All values < ELV	0.331	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 330527)	Wastewater/Sewer	Fats, Oils and Greases	discrete	30/08/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 330527)	Wastewater/Sewer	Mineral oils	discrete	30/08/2016	Monthly	10	All values < ELV	0.071	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 330527)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	30/08/2016	Monthly	100	All values < ELV	0.328	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 330527)	Wastewater/Sewer	pH	discrete	30/08/2016	Monthly	6-10	All values < ELV	7.56	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 330527)	Wastewater/Sewer	Sulphate	discrete	30/08/2016	Monthly	500	All values < ELV	27.582	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 330527)	Wastewater/Sewer	Suspended Solids	discrete	30/08/2016	Monthly	2,000	All values < ELV	12	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 333079)	Wastewater/Sewer	BOD	discrete	22/09/2016	Monthly	2,000	All values < ELV	76	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 333079)	Wastewater/Sewer	COD	discrete	22/09/2016	Monthly	8,000	All values < ELV	313	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 333079)	Wastewater/Sewer	Conductivity	discrete	22/09/2016	Monthly	NA	All values < ELV	525	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 333079)	Wastewater/Sewer	Detergents (as MBAS)	discrete	22/09/2016	Monthly	100	All values < ELV	0.215	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 333079)	Wastewater/Sewer	Fats, Oils and Greases	discrete	22/09/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 333079)	Wastewater/Sewer	Mineral oils	discrete	22/09/2016	Monthly	10	All values < ELV	1.1	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 333079)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	22/09/2016	Monthly	100	All values < ELV	2.487	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 333079)	Wastewater/Sewer	pH	discrete	22/09/2016	Monthly	6-10	All values < ELV	7.94	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 333079)	Wastewater/Sewer	Sulphate	discrete	22/09/2016	Monthly	500	All values < ELV	27.074	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 333079)	Wastewater/Sewer	Suspended Solids	discrete	22/09/2016	Monthly	2,000	All values < ELV	50	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 335622)	Wastewater/Sewer	BOD	discrete	14/10/2016	Monthly	2,000	All values < ELV	80	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 335622)	Wastewater/Sewer	COD	discrete	14/10/2016	Monthly	8,000	All values < ELV	378	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	

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TE1 (lab ref 335622)	Wastewater/Sewer	Conductivity	discrete	14/10/2016	Monthly	NA	All values < ELV	603	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 335622)	Wastewater/Sewer	Detergents (as MBAS)	discrete	14/10/2016	Monthly	100	All values < ELV	0.581	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 335622)	Wastewater/Sewer	Fats, Oils and Greases	discrete	14/10/2016	Monthly	200	All values < ELV	<1.000	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 335622)	Wastewater/Sewer	Mineral oils	discrete	14/10/2016	Monthly	10	All values < ELV	0.051	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 335622)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	14/10/2016	Monthly	100	All values < ELV	2.573	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 335622)	Wastewater/Sewer	pH	discrete	14/10/2016	Monthly	6-10	All values < ELV	8.89	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 335622)	Wastewater/Sewer	Sulphate	discrete	14/10/2016	Monthly	500	All values < ELV	44.1	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 335622)	Wastewater/Sewer	Suspended Solids	discrete	14/10/2016	Monthly	2,000	All values < ELV	73	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 339841)	Wastewater/Sewer	BOD	discrete	17/11/2016	Monthly	2,000	All values < ELV	8	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 339841)	Wastewater/Sewer	COD	discrete	17/11/2016	Monthly	8,000	All values < ELV	95	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 339841)	Wastewater/Sewer	Conductivity	discrete	17/11/2016	Monthly	NA	All values < ELV	300	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 339841)	Wastewater/Sewer	Detergents (as MBAS)	discrete	17/11/2016	Monthly	100	All values < ELV	0.016	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 339841)	Wastewater/Sewer	Fats, Oils and Greases	discrete	17/11/2016	Monthly	200	All values < ELV	7.615	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 339841)	Wastewater/Sewer	Mineral oils	discrete	17/11/2016	Monthly	10	All values < ELV	3.8	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 339841)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	17/11/2016	Monthly	100	All values < ELV	0.711	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 339841)	Wastewater/Sewer	pH	discrete	17/11/2016	Monthly	6-10	All values < ELV	7.24	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 339841)	Wastewater/Sewer	Sulphate	discrete	17/11/2016	Monthly	500	All values < ELV	31.19	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 339841)	Wastewater/Sewer	Suspended Solids	discrete	17/11/2016	Monthly	2,000	All values < ELV	40	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 339842)	Wastewater/Sewer	BOD	discrete	17/11/2016	Monthly	2,000	All values < ELV	3	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 339842)	Wastewater/Sewer	COD	discrete	17/11/2016	Monthly	8,000	All values < ELV	128	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 339842)	Wastewater/Sewer	Conductivity	discrete	17/11/2016	Monthly	NA	All values < ELV	281.9	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 339842)	Wastewater/Sewer	Detergents (as MBAS)	discrete	17/11/2016	Monthly	100	All values < ELV	0.004	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 339842)	Wastewater/Sewer	Fats, Oils and Greases	discrete	17/11/2016	Monthly	200	All values < ELV	13.273	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 339842)	Wastewater/Sewer	Mineral oils	discrete	17/11/2016	Monthly	10	All values < ELV	3.6	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 339842)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	17/11/2016	Monthly	100	All values < ELV	0.464	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 339842)	Wastewater/Sewer	pH	discrete	17/11/2016	Monthly	6-10	All values < ELV	7.27	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 339842)	Wastewater/Sewer	Sulphate	discrete	17/11/2016	Monthly	500	All values < ELV	46.364	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 339842)	Wastewater/Sewer	Suspended Solids	discrete	17/11/2016	Monthly	2,000	All values < ELV	50	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 343272)	Wastewater/Sewer	BOD	discrete	14/12/2016	Monthly	2,000	All values < ELV	170	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 343272)	Wastewater/Sewer	COD	discrete	14/12/2016	Monthly	8,000	All values < ELV	605	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 343272)	Wastewater/Sewer	Conductivity	discrete	14/12/2016	Monthly	NA	All values < ELV	176.2	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 343272)	Wastewater/Sewer	Detergents (as MBAS)	discrete	14/12/2016	Monthly	100	All values < ELV	0.107	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 343272)	Wastewater/Sewer	Fats, Oils and Greases	discrete	14/12/2016	Monthly	200	All values < ELV	40.5	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 343272)	Wastewater/Sewer	Mineral oils	discrete	14/12/2016	Monthly	10	All values < ELV	7	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	

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TE1 (lab ref 343272)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	14/12/2016	Monthly	100	All values < ELV	<0.025	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 343272)	Wastewater/Sewer	pH	discrete	14/12/2016	Monthly	6-10	All values < ELV	7.13	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 343272)	Wastewater/Sewer	Sulphate	discrete	14/12/2016	Monthly	500	All values < ELV	41	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 343272)	Wastewater/Sewer	Suspended Solids	discrete	14/12/2016	Monthly	2,000	All values < ELV	347	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	
TE1 (lab ref 343273)	Wastewater/Sewer	BOD	discrete	14/12/2016	Monthly	2,000	All values < ELV	154	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1003	
TE1 (lab ref 343273)	Wastewater/Sewer	COD	discrete	14/12/2016	Monthly	8,000	All values < ELV	441	mg/L O2	yes	INSTRUMENTAL METHODS	ISO	D/D1009	
TE1 (lab ref 343273)	Wastewater/Sewer	Conductivity	discrete	14/12/2016	Monthly	NA	All values < ELV	692	µS/cm @20oC	yes	INSTRUMENTAL METHODS	ISO	D/D3011	
TE1 (lab ref 343273)	Wastewater/Sewer	Detergents (as MBAS)	discrete	14/12/2016	Monthly	100	All values < ELV	0.126	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S	
TE1 (lab ref 343273)	Wastewater/Sewer	Fats, Oils and Greases	discrete	14/12/2016	Monthly	200	All values < ELV	10.13	mg/L	yes	INSTRUMENTAL METHODS	ISO	S/S3208	
TE1 (lab ref 343273)	Wastewater/Sewer	Mineral oils	discrete	14/12/2016	Monthly	10	All values < ELV	2.2	mg/L	yes	INSTRUMENTAL METHODS	ISO	*U	
TE1 (lab ref 343273)	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	14/12/2016	Monthly	100	All values < ELV	5.492	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 343273)	Wastewater/Sewer	pH	discrete	14/12/2016	Monthly	6-10	All values < ELV	6.93	pH units	yes	INSTRUMENTAL METHODS	ISO	D/D1041	
TE1 (lab ref 343273)	Wastewater/Sewer	Sulphate	discrete	14/12/2016	Monthly	500	All values < ELV	55.11	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D3000	
TE1 (lab ref 343273)	Wastewater/Sewer	Suspended Solids	discrete	14/12/2016	Monthly	2,000	All values < ELV	95	mg/L	yes	INSTRUMENTAL METHODS	ISO	D/D1049	

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

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Continuous monitoring

		Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	Yes — monthly monitoring to sewer, daily monitoring to storm water

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 — na
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	Yes — annual calibration by independent party
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
na	NA	NA	NA	NA	NA	NA	na	na	na	na	na
na	NA	NA	NA	NA	NA	NA	na	na	na	na	na
na	NA	NA	NA	NA	NA	NA	na	na	na	na	na

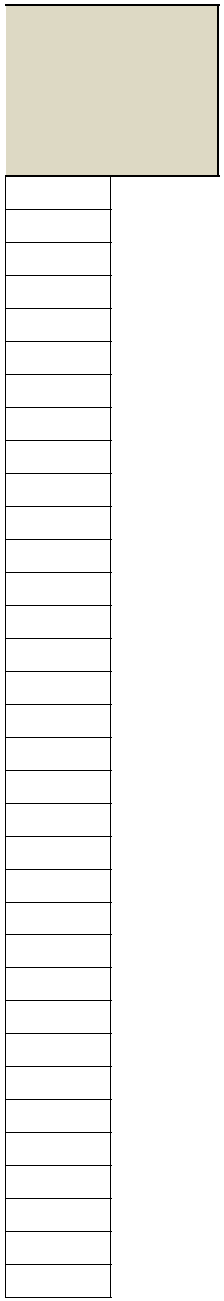
note 1: Volumetric flow shall be included as a reportable parameter.

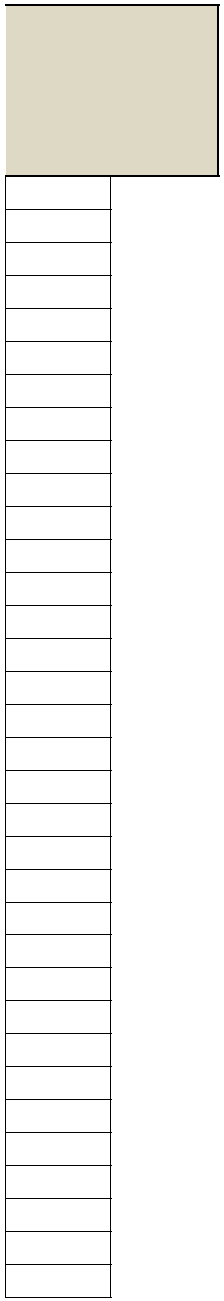
Table W5: Abatement system bypass reporting table

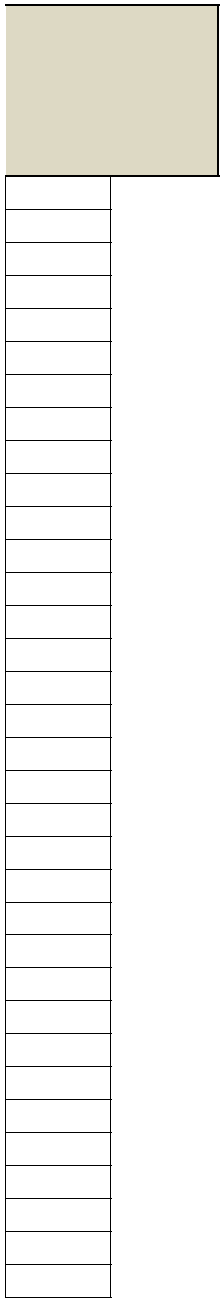
Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
na	na	na	na	na	na	NA	NA
na	na	na	na	na	na	NA	NA
na	na	na	na	na	na	NA	NA

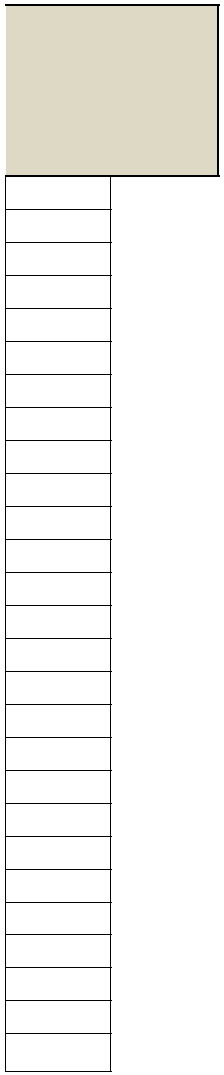
*Measures taken or proposed to reduce or limit bypass frequency

Comments









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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	na

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	na

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	116	mg/m2/day	yes	VDI 2119	na	na
D2	TA Luft inorganic dust particles class 1	Bi-annually	350	Monthly average < ELV	38	mg/m2/day	yes	VDI 2119	na	na
D1	TA Luft inorganic dust particles class 1	Bi-annually	350	Monthly average < ELV	94	mg/m2/day	yes	VDI 2119	na	na
D2	TA Luft inorganic dust particles class 1	Bi-annually	350	Monthly average < ELV	161	mg/m2/day	yes	VDI 2119	na	na

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

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4	Does your site carry out continuous air emissions monitoring?	no	NA
	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	NO	NA
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	NO	NA
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	SELECT	

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
na	SELECT	na	na	SELECT	SELECT	na	na	na	na	na
na	SELECT	na	na		SELECT	na	na	na	na	na
na	SELECT	na	na		SELECT	na	na	na	na	na
na	SELECT	na	na		SELECT	na	na	na	na	na
na	SELECT	na	na		SELECT	na	na	na	na	na

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	
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na	na

* 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

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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	SELECT	na

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
na	na	na	na	na	SELECT
na	na	na	na	na	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. by-	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na
na	na	na	na	na	na	na	na	na

Bund/Pipeline testing template

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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	NA
2	Please provide integrity testing frequency period	3 years	NA
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)	Yes	NA
4	How many bunds are on site?	4	NA
5	How many of these bunds have been tested within the required test schedule?	2	NA
6	How many mobile bunds are on site?	3	NA
7	Are the mobile bunds included in the bund test schedule?	Yes	NA
8	How many of these mobile bunds have been tested within the required test schedule?	1	NA
9	How many sumps on site are included in the integrity test schedule?	0	NA
10	How many of these sumps are integrity tested within the test schedule?	0	NA
	Please list any sump integrity failures in table B1	0	NA
11	Do all sumps and chambers have high level liquid alarms?	N/A	NA
12	If yes to Q11 are these failsafe systems included in a maintenance and testing programme?	N/A	NA
13	Is the Fire Water Retention Pond included in your integrity test programme?	N/A	NA

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)
Effluent Diesel Bund	reinforced concrete	na	diesel fluid	45.2m³	44 m³	Structural assessment	Liquid tightness testing	14/11/2014	Yes	Pass	na	na	na	na
Effluent Tank Bund	other (please specify)	mobile plastic bund	Waste Oil	2.9 m³	2.2m³	Structural assessment	Liquid tightness testing	14/11/2014	Yes	Pass	na	na	na	na

* 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	na
16	Are channels/transfer systems to remote containment systems tested?	No	na
17	Are channels/transfer systems compliant in both integrity and available volume?	No	na

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**	No	na
2	Please provide integrity testing frequency period	SELECT	na

*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)
NA		na	na	na	na	na	na	NA	NA	NA	na
NA		na	na	na	na	na	na	NA	NA	NA	na
NA		na	na	na	na	na	na	NA	NA	NA	na
NA		na	na	na	na	na	na	NA	NA	NA	na

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

Groundwater/Soil monitoring template	Lic No:	W0205-01	Year	2016

			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no	NA	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	NA	
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no	NA	
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	no	NA	
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A	NA	
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	N/A	NA	
7	Please specify the proposed time frame for the remediation strategy	N/A	NA	
8	Is there a licence condition to carry out/update ELRA for the site?	N/A	NA	
9	Has any type of risk assesment been carried out for the site?	N/A	NA	
10	Has a Conceptual Site Model been developed for the site?	N/A	NA	
11	Have potential receptors been identified on and off site?	N/A	NA	
12	Is there evidence that contamination is migrating offsite?	N/A	NA	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
NA	NA	NA	NA	NA	NA	NA	SELECT	NA	NA	SELECT
NA	NA	NA	NA	NA	NA	NA	SELECT	NA	NA	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
NA	NA	NA	NA	NA	NA	NA	SELECT	NA	NA	SELECT
NA	NA	NA	NA	NA	NA	NA	SELECT	NA	NA	SELECT

Groundwater/Soil monitoring template	Lic No:	W0205-01	Year	2016

*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)

Groundwater/Soil monitoring template	Lic No:	W0205-01	Year	2016

Table 3: Soil results

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

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

Environmental Liabilities template	Lic No:	W0205-01	Year: 2016	2016

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

			Commentary
1	ELRA initial agreement status	Submitted and agreed by EPA	na
2	ELRA review status	Review required and completed	na
3	Amount of Financial Provision cover required as determined by the latest ELRA	€1,320,917 €264,183	detailed costings Contingency @ 20%
4	Financial Provision for ELRA status	Submitted and agreed by EPA	na
5	Financial Provision for ELRA - amount of cover	€1.65 million	cramp and ELRA
6	Financial Provision for ELRA - type	bond	AIB 'On demand Performance Bond'.
7	Financial provision for ELRA expiry date	01/10/2019	na
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	na
9	Closure plan review status	Review required and completed	na
10	Financial Provision for Closure status	Submitted and agreed by EPA	na
11	Financial Provision for Closure - amount of cover	€1.65 million	cramp and ELRA
12	Financial Provision for Closure - type	bond	AIB 'On demand
13	Financial provision for Closure expiry date	01/10/2019	NA

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0205-01	Year	2016

	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	Significantly reduce the amount of material being sent to Landfill, by ensure the most efficient and environmentally sustainable management of client waste streams.	90	1. The company started to produce RDF in 2012, and since then, Greyhound Recycling and Recovery have increased the number of energy recovery outlets.This helped reduce the volume of stock on site, and shorten storage times of odourous or combustible material on site.	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. Lower volumes of stock within the Recovery Sheds are also very important for the reviewed Fire Management Plan, and the Waste Strage Plan.
Reduction of emissions to Air	Reduce significantly the number of odour complaints for the site	60	1. Continued quarterly monitoring of Odour Abatement System, and functionaltiy review of System performance and efficiency. 2. Reduction of stock within MRB2 to reduce odour concentration of extract air flow to odour abatement system. 3. Increased Stock rotation internally, to reduce rate of metabolic breakdown of stock, and reduce odour units emitted. 4. Optimisation of system parameter settings, to ensure Odour Abatement System is operating to full efficiency. 5. Decreased parking times of vehicles in yard, to decrease	Managing Director, EHS Officer	1. Differential and Static pressures measured in (pa) mapped on excel spreadsheet, for trend analysis. Aim is to identify trends or signs of stress on the system, indicating the need for a media change, or filter cleaning. It may also show relationship between stock levels and emission concentration. 2. energy efficiency of odour abatement system is reviewed, to ensure that energy is not wasted in running thesystem on a daily basis.

Environmental Management Programme/Continuous Improvement Programme template			Lic No:	W0205-01	Year 2016
Additional improvements	Damaged hardstanding in places around the site have been mended to protect surface water runoff, and bolder clay under hardstanding.	20	1. Identified areas for further concrete improvement works and conduct repairs to yard as required as part of the concrete management plan. 2. Structural engineer contracted to determine aeas where reinforced concrete or steel plating required	Facility Supervisor	1. Concrete management plan in place. 2. Time schedule made for areas, prioritised by risk to environment.
Additional improvements	Introduction of Waste Storage Plan, defining storage times, stock heights and volumes, into Storage bays of fixed dimensions.	70	1. Seggregatpeion of residual material by type. 2. Identification of primary components for high grade SRF production. 3. Improved seggregation and bulking of ferrous and non-ferrous metals, andincreased revenue from the transfer of metals to other recovery facilities.	EHS Officer, facility manager	Improved fire safety precautions and upgrade of fire management plan
Additional improvements	updated EMS to include daily compliance checks, permit workbooks, increased logbooks for operators, and 'daily scanned reports' to EMS	90	1. All laboratory instruments have been calibrated to ensure reliable results. 2. addition of ph to daily storm water monitoring. 3. Improved documentation of	EHS Officer	Improved Environmental Management Practices

Noise monitoring summary report	Lic No:	W0205-01	Year	2016

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?	na
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)?
20/07/2016	annual	odour abatement System		79.6	78.8	na	81.4	No	no	trains moving on railway line thought to be wxtraneous sources	No
20/07/2016	annual	Enterance Gates N1 A		60.5	56.8	65.6	71.8	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Enterance Gates N1 B		60.5	55.8	63.1	75.8	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Enterance Gates N1 C		59	55.1	61.4	72.1	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Enterance Gates N1 D		50.6	44.8	150	69.4	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Enterance Gates N1 E		49.9	43.2	48.6	68.9	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Eastern Site Boundary N2A		70.3	50	62.2	100.4	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Eastern Site Boundary N2B		68.8	48.9	62.3	95.4	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Eastern Site Boundary N2C		60.9	48.9	61.1	50.8	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Eastern Site Boundary N2D		49.1	47.5	150	60.6	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Eastern Site Boundary N2E		46.3	44.3	47.3	68.7	No	no	traffic noises fromindustrial estate have influence on readings	No
20/07/2016	annual	Southwest boundary N3A		57.5	56.1	58.4	70.8	No	No	Main noise sources from mobile plant on site	No
20/07/2016	annual	Southwest boundary N3B		57.2	55.1	59.9	67.5	No	No	Main noise sources from mobile plant on site	No
20/07/2016	annual	Southwest boundary N3C		59.2	54.7	60.7	84	No	No	Main noise sources from mobile plant on site	No
20/07/2016	annual	Southwest boundary N3D		52.5	50.5	53.7	60.7	No	No	Main noise sources from mobile plant on site	No

20/07/2016	annual	Southwest boundary N3E		52.1	49.9	53.4	61.1	No	No	Main noise sources from mobile plant on site	No
20/07/2016	annual	Palmerstown Woods N4A		57.5	40.4	60.4	82.8	No	No	No audible noise detected from site activities. Main noise source from traffic adjacent to Station Road, and m50.	Yes
20/07/2016	annual	Palmerstown Woods N4B		58.6	42.9	60.6	87.1	No	No	No audible noise detected from site activities. Main noise source from traffic adjacent to Station Road, and m50.	Yes
20/07/2016	annual	Palmerstown Woods N4C		57.8	44	66.6	75.8	No	No	No audible noise detected from site activities. Main noise source from traffic adjacent to Station Road, and m50.	Yes
20/07/2016	annual	Palmerstown Woods N4D		52.5	46.3	54.1	74.1	No	No	No audible noise detected from site activities. Main noise source from traffic adjacent to Station Road, and m50.	Yes
20/07/2016	annual	Palmerstown Woods N4E		52.5	44.5	52.8	73.2	No	No	No audible noise detected from site activities. Main noise source from traffic adjacent to Station Road, and m50.	Yes
		James Connolly Park N5A		57.9	51.1	59.4	74.7	No	No	No audible noise detected from site activities. Main noise source from traffic on Station Road and Ninth Lock Road.	Yes
		James Connolly Park N5B		57.8	53.9	59.9	80.6	No	No	No audible noise detected from site activities. Main noise source from traffic on Station Road and Ninth Lock Road.	Yes
		James Connolly Park N5C		57.8	53.1	59.4	86	No	No	No audible noise detected from site activities. Main noise source from traffic on Station Road and Ninth Lock Road.	Yes
		James Connolly Park N5D		51.2	43.3	53.7	72.5	No	No	No audible noise detected from site activities. Main noise source from traffic on Station Road and Ninth Lock Road.	Yes
		James Connolly Park N5E		49.2	43.5	49.2	67.8	No	No	No audible noise detected from site activities. Main noise source from traffic on Station Road and Ninth Lock Road.	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?	nothing**

Action to reduce noise, was not taken, as the source of of activity related noise was determined as the odour abatement system, and taffic entering and leaving the site. There would be no cost effective way to reduce noise of these operations, without risking efficiency or functionality of both the scales,
NA

Resource Usage/Energy efficiency summary	Lic No:	W0205-01	Year	2016

			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	NA
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	SEAI - Large Industry Energy Network (LIEN)	No	NA
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information		No	NA

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)				
Total Energy Generated (MWHrs)	NA	NA		
Total Renewable Energy Generated (	NA	NA		
Electricity Consumption (MWHrs)	1268.8	2,019.30		
Fossil Fuels Consumption:	NA	NA		
Heavy Fuel Oil (m3)	NA	169.81		
Light Fuel Oil (m3)	NA	NA		
Natural gas (m3)	NA	NA		
Coal/Solid fuel (metric tonnes)	NA	NA		
Peat (metric tonnes)	NA	NA		
Renewable Biomass	NA	NA		
Renewable energy generated on site	NA	NA		

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

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

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	NA	NA	NA	NA	NA	NA	NA
Surface water	NA	NA	NA	NA	NA	NA	NA

Resource Usage/Energy efficiency summary				Lic No:	W0205-01		Year	2016
Public supply	8966	3750	na	na	na	na	SDCC advised in 2015, that meter was not accurate in measuring the volume of water being extracted m3/yr. this decrease (41.2%) is not an accurate representation of the amount of water used in 2016, versus 2015. As there is not a flow meter installed in the Trade effluent line, the volume of effluent leaving the site, versus volume extracted onto the site cannot be determined.	
Recycled water	NA	NA	NA	NA	NA	NA	NA	
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)	na	na	na	na	na
Non-Hazardous (Tonnes)	na	na	na	na	na

Resource Usage/Energy efficiency summary Lic No: W0205-01 Year 2016

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
na	na	na	SELECT	na	na	na	na	na
na	na	na	SELECT	na	na	na	na	na
na	na	na	SELECT	na	na	na	na	na

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

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

Complaints and Incidents summary template Lic No: W0205-01 Year 2016

Complaints

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

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
25/01/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Reviewed operations and Oversize sent to landfill	Complete	na	na
26/01/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Reviewed operations and Oversize sent to landfill Date for installation of Bacterial System moved forward.	Complete	na	na
27/01/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Reviewed operations and Oversize sent to landfill Date for installation of Bacterial System moved forward.	Complete	na	
28/01/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Reviewed operations and Oversize sent to landfill Date for installation of Bacterial System moved forward.	Complete	na	
02/02/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Fittters checked level of Carbon & added Carbon	Complete	na	
21/03/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	Carbon had recently been changed, situation was monitorred.	Complete	na	
04/04/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	odour linked with odourous vehicles transferring organic fines. All vehicles transporting organic fines shall be accompanied by a plastic tarpaulin from this date.	Complete	na	
05/04/2016	Wastewater	complaint from SDCC	Non-compliance of trade effluent licence ph 5.5 opposed to license limit 6-10	there was no unusual operations being carried out at the time the sample was taken. Reason for low PH unknown, monitoring closely.	Ongoing	na	monthly samples of Trade Effluent are analysed by independent QC laboratory.
18/04/2016	Wastewater	Complaint via Eden	COD license limit exceeded by 20,000 as opposed to 8000mg/l.	COD results from lab the following day were 266mg/l. As the reason is unknown, the results of trade effluent are continually being monitored monthly.	Ongoing	na	monthly samples of Trade Effluent are analysed by independent QC laboratory.
20/04/2016	flies	Complaint via Eden	increased flie activity around 3Rock	increased fly spraying on site	Complete	21/04/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
05/05/2016	flies	Complaint via Eden	increased flie activity around Serigraff.	Pestguard brought on-site to advise on how best to treat situation	Complete	12/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
09/05/2016	flies	Complaint via Eden	increased flie activity around ME Plant	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2018
11/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
11/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
11/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
11/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
13/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
13/05/2016	flies	Complaint via Eden	increased flie activity around 3Rock	Pestguard to carried out independent assessment of complainant site	Complete	14/05/2016	Independent fly spray treatment on 13/05/2016, fumigation on 14/05/2016
16/05/2016	flies	Complaint via Eden	increased flie activity around Serigraff.	Pestguard to carried out independent assessment of complainant site, on 12/05/2016. No flies were evident.	Complete	18/06/2016	Carbon filters cleaned with comressed air
19/05/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
20/05/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
07/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
07/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
14/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
16/06/2016	Odour	Complaint via Eden	carbon odour at A&A Engineering	investigation led to Carbon filter needing cleaning	Ongoing	na	Carbon filters cleaned with comressed air
17/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
17/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
17/06/2016	Odour	Complaint via Eden	waste odour	investigation led to Carbon filter needing cleaning	Complete	18/06/2016	Carbon filters cleaned with comressed air
20/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	25/06/2016	Carbon filters to be changed on 25th June
20/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	25/06/2016	Carbon filters to be changed on 25th June
22/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	25/06/2016	Carbon filters to be changed on 25th June
24/06/2016	Odour	Complaint via Eden	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Ongoing	na	Carbon filters to be changed on 25th June
24/06/2016	Odour	direct complaint, not submitted through EPA	carbon odour at DoorChoice	investigation led to Carbon filter needing cleaning	Complete	25/06/2016	Carbon filters to be changed on 25th June
29/06/2016	flies	Complaint via Eden	increase in fly activity	investgation determined weather caused increased in activity	Complete	na	Pestguard to increase fly spraying, and fogging
29/06/2016	flies	Complaint via Eden	increase in fly activity	investgation determined weather caused increased in activity	Complete	na	Pestguard to increase fly spraying, and fogging
29/06/2016	flies	Complaint via Eden	increase in fly activity	investgation determined weather caused increased in activity	Complete	na	Pestguard to increase fly spraying, and fogging
01/07/2016	flies	Complaint via Eden	increase in fly activity at 3rock	investgation determined weather caused increased in activity	Complete	na	Pestguard to increase fly spraying, and fogging
04/07/2016	flies	Complaint via Eden	increase in fly activity at 3rock	investgation determined weather caused increased in activity	Complete	na	Pestguard to increase fly spraying, and fogging
05/07/2016	Odour	direct complaint, not submitted through EPA	waste odour at DoorChoice	waste odour	Complete	na	
08/07/2016	flies	Complaint via Eden	increase in fly activity	investgation determined weather caused increased in activity	Complete	na	
12/07/2016	flies	Complaint via Eden	increase in fly activity	investgation determined weather caused increased in activity	Complete	na	
12/07/2016	odour	direct complaint, not submitted through EPA	strong odour	source of odour investigated	Complete	na	
14/07/2017	Odour	direct complaint, not submitted through EPA	strong odour	source of odour investigated	Complete	na	
25/07/2017	Odour	direct complaint, not submitted through EPA	strong odour	source of odour investigated	Complete	na	
27/07/2017	Odour	direct complaint, not submitted through EPA	strong odour	source of odour investigated	Complete	na	
27/07/2017	Odour	Complaint via Eden	odour intermitted all day	source of odour investigated	Ongoing	na	
29/07/2017	Odour	Complaint via Eden	bad odour	carbon filters were washed	Ongoing	na	
29/07/2017	odour	Complaint via Eden	bad odour	carbon filters were washed	Ongoing	na	
04/08/2016	odour	Complaint via Eden	bad odour	carbon was moved away from rear of shed	Ongoing	na	
04/08/2016	odour	Complaint via Eden	bad odour	carbon was moved away from rear of shed	Ongoing	na	
04/08/2016	odour	Complaint via Eden	bad odour	odour described from Topmark Skip. Close monitoring taking place	Ongoing	na	
05/08/2016	Odour	direct complaint, not submitted through EPA	odour intermitted all day	the bags of carbon stored at the northern fance have been moved to Hammond Lane, and covered with a tarpaulin to extinguish odour	Ongoing	na	
05/08/2016	Odour	Complaint via Eden	bad odour intermitten all day	investigation found Intake door left open. All operators in MRB2 have been advised to shut door immediately after vehicle leaves	Ongoing	na	
08/08/2016	Odour	Complaint via Eden	bad odour	odourous vehicles parked along driveway have been told to use plastic tarpaulin rather than netted covers when moving fines.	Ongoing	na	
09/08/2016	Odour	Complaint via Eden	bad odour	odourous vehicles parked along driveway have been told to use plastic tarpaulin rather than netted covers when moving fines.Spoke with Mr. Davison on the 08/08/16. He said'getout of my shop, or I'll throw you out'.	Ongoing	na	
15/08/2016	odour	direct complaint, not submitted through EPA	bad odour	investigation opened immediately, but no odour found	Complete	15/08/2016	
17/08/2016	Odour	direct complaint, not submitted through EPA	carbon odour	investigation opened immediately, but no odour found	Complete	17/08/2016	
18/08/2016	odour	direct complaint, not submitted through EPA	carbon odour	investigation opened immediately, but no odour found	Complete	18/08/2016	
22/08/2016	Odour	direct complaint, not submitted through EPA	odour intermitted all day	New door procedure has been proposed to decrease the time that the door has been opend. SOP will be written, training will be given	Complete	19/09/2016	
22/08/2016	Odour	direct complaint, not submitted through EPA	odour intermitted all day	intake door was closed, operators asked to sweep road, to remove any possible odourous debris	Complete	22/08/2016	
24/08/2016	Odour	direct complaint, not submitted through EPA	odour intermitted all day	Possible issue with stack. Odour monitor ireland to come on site to take a look. New carbon to be placed in asorber beds. Filters to be cleaned. Compressor and reverse jet filter may need replacing	Complete	30/08/2016	
24/08/2016	Odour	direct complaint, not submitted through EPA	odour intermitted all day	pressure sensors checked. Carbon moved indoors	Complete	30/08/2016	
28/08/2016	odour	Complaint via Eden	odour	continuous monitoring of the stack will be maintained, and new monitoring programme will be rolled out by mid September. Carbon has since been replaced, filters are clean, set points optimised set points set.	Complete	05/09/2016	

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29/08/2016	Odour	direct complaint, not submitted through EPA	odour	intake door was closed, operators asked to sweep road, to remove any possible odourous debris	Complete	29/08/2016	
29/08/2016	Odour	direct complaint, not submitted through EPA	odour	investigation reponed, but no odour detected	Complete	29/08/2016	
30/08/2016	Odour	direct complaint, not submitted through EPA	odour	investigation reponed, but no odour detected	Complete	30/08/2016	
30/08/2016	Odour	direct complaint, not submitted through EPA	odour	intake door was closed, operators asked to sweep road, to remove any possible odourous debris	Complete	30/08/2016	
31/08/2016	Odour	direct complaint, not submitted through EPA	odour	Walk through of site carried out. Road sweeeper was inspected, and found to be needing water, as the roadway was inadequately washed. Mister applied to door, EH visited the site.	Complete	31/08/2016	
16/09/2016	Odour	direct complaint, not submitted through EPA	odour	The yard was inspectd to identify source. Odourous Ejector found parked under door 8. Driver asked to move to allow the door to close. He didnt understand the	Complete	16/09/2016	
18/09/2016	Odour	direct complaint, not submitted through EPA	odour	Investigation started by EHS. Offensive/Odourous Ejector parked in driveway. Driver was wasked to move along if he was finished collecting, and road surface was washed	Complete	18/09/2016	
20/09/2016	Odour	direct complaint, not submitted through EPA	odour	Complaint regarding odour was investigated. No odour was detected at time of assessment. Door activity to be monitored closely.	Complete	20/09/2016	
23/09/2016	Odour	direct complaint, not submitted through EPA	odour	Following investigation, ejectors parked in yard thought to be source of odour. ERL's were send x2's allowing a shorter turn around for an ejector. Email to	Complete	23/09/2016	
26/09/2016	Odour	direct complaint, not submitted through EPA	odour	A walkthrough of the yard was carried out, to identify any potential odour sources. None could be identified at time of assessment. It was noticed during the daily odour assessment that the bin beside Mac Meats across from Door Choice was rife with rotten meat, and coould be detected when the odour travelled West on the wind.	Complete	26/09/2016	
27/09/2016	Odour	direct complaint, not submitted through EPA	odour	A walkthrough of the yard was carried out, to identify any potential odour sources. None could be identified at time of assessment. It was noticed during the daily odour assessment that the bin beside Mac	Complete		
28/09/2016	Odour	direct complaint, not submitted through EPA	odour	Complainant mentioned the sound of trucks in the yard, when the intensity of the odour increased. This would suggest odourous vehicles in the yard, queing at Intake Door 8. Mahon's Haulier's will need an email sent.	Complete		
29/09/2016	Odour	direct complaint, not submitted through EPA	odour	A walkthrough of the yard was carried out, to identify any potential odour sources. None could be identified at time of assessment. It was noticed during the daily odour assessment that the bin beside Mac Meats across from Door Choice was rife with rotten meat.	Complete		
30/09/2016	Odour	direct complaint, not submitted through EPA	odour	investigation opened to identify source of odour. Possible that ejectors are causing odour	Complete		
05/10/2016	Odour	direct complaint, not submitted through EPA	odour	Complaint was investigated, but no odour detected at the time.	Complete		
18/10/2016	Odour	direct complaint, not submitted through EPA	odour	Mr. Higgins complained that oour was bad the previous night. Very hard to pin down, as the complaint was not received until this morning	Complete		
19/10/2016	Odour	direct complaint, not submitted through EPA	odour	Investigation was initaitated, all staff cautioned regarding dor comliance	Complete		
19/10/2016	Odour	direct complaint, not submitted through EPA	odour	Supervisor cautioned over door non-comliance.	Complete		
21/10/2016	Odour	direct complaint, not submitted through EPA	odour	investigation opened, but odour detected was of rotten meat, indicating that the Mac Meat Processing bin may be cause	Complete		
28/10/2016	Odour	direct complaint, not submitted through EPA	odour	Complaint regarding sharp acid smell. Road sweeper deployed to remove any sludge from driveway.	Complete		
02.11.16	Odour	direct complaint, not submitted through EPA	odour	complaint regarding waste odour. Investigation opened, OMI were servicing the Odour Abatement System.	Complete		
09.11.16	Odour	direct complaint, not submitted through EPA	odour	Odour Abatement System errors, power supply changed, running at 50Hz.	Complete		
09.11.16	Odour	direct complaint, not submitted through EPA	odour	System is still undergoing repairs	Complete		
10.11.16	Odour	direct complaint, not submitted through EPA	odour	System is still running on auxillary power, New carbon order to be ordered.	Complete		
19.11.16	Odour	direct complaint, not submitted through EPA	odour	Intake door 7 was udergoing service by GEA at the time of complaint.	Complete		

Total complaints open at start of reporting year	40
Total new complaints received during reporting year	88
Total complaints closed during reporting year	75
Balance of complaints end of reporting year	53

Incidents

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

*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 reoccurance
29/04/2016	Breach of ELV	Licenced discharge point (ty	1. Minor	Water	Plant or equipment issues	na	Routine maintenance	Local Authorities	New	independent analysis of trade effluent samples showed no reoccurance of incindent.	Continuous monitorring and monthly cleaning of interceptor.	Complete	19/05/2016	Low
10/11/2016	Other Odour Abatement System offline, due to variable speed drive malfunction.	Other location Odour Abatement System, at MR82 in Crag Avenue Facility	1. Minor	No Uncontrolled release	Plant or equipment issues	na	Normal activities	EPA	New	Control panel was diverted to main main electricity supply, allowing a vasriable fan speed of 50 hz.	Daily functionality checks are carried out on the Odour Abatement System, and independent Quarterly assessment are carried out by Odour Monitor Ireland.	Ongoing	ongoing	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% increase

WASTE SUMMARY	Lic No:	W0205-01	Year	2016
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	na
2	Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information	Yes	na
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	na

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	*11.1*	12.46	11%	*increase in customer recycling*	*NA*	*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	*210.64*	*34.8*	84%	*increase in customer recycling*	*100%*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*0*	
	15 01 06	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Segragated mixed packaging waste	*14,656.30*	9116.1	38%	*increase in customer recycling*	*100%*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*0*	
	20 01 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Newspapers and pamplets	*3*	25.1	88%	*reduction in inlets*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*	*0*	
	20 01 38	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Wood waste from municiple sources	*240.12*	1325.9	82%	*wood material sent to other facilities*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		

WASTE SUMMARY					Lic No:	W0205-01		Year	2016		
	20 03 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Mixed residual waste from household and commercial	*125,331.00*	144,266.00	13%		*na*	*R12-Exchange of waste for 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, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)*		
	20 03 01	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	Mixed dry recycables	*235.39*	104.7	45%	*increase in customer recycling*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		
	16 02 14	*16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST*	WEEE	0.30	8.1	4%	*reduction in incoming loads*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		
	17 04 02	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	Alluminum seperated from C&D waste	*42.42*	68.2	38%	*reduction in incoming loads*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		
	17 04 07	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	C&D mixed metals	*1982.86*	696.6	65%	*increase in customers*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		
	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	*68.72*	644.7	89%	*% decreased, due to less breaks and damages to RDF bales at Port*	*na*	*R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)*		
	17 09 04	*17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)*	C&D mixed shredded	*1982.86*	0	100%	*Production of SRF led to intake of C&D*	*NA*	*D13- Blending or mixing prior to submission to any of the operations numbered D1 to D12*		
	19 12 12	*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*	Mixture of wastes from mechanical treatment of waste	*5,285.41*	749.7	85%	*increase in production rates of SRF, so intake of dross increased*	*na*	*R12-Exchange of waste for 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, conditioning, repackaging, seperating, blending or mixing prior to submission to any of the operations numbered R1 to R11)*		

WASTE SUMMARY Lic No: W0205-01 Year 2016

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	NA
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	NA
6 Does your facility have relevant nuisance controls in place?	Yes	NA
7 Do you have an odour management system in place for your facility? If no why?	Yes	NA
8 Do you maintain a sludge register on site?	Yes	Interceptor Service Invoices.

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
na	na	na		na
na	na	na		na
na	na	na		na
na	na	na		na

Table 3 General information-Landfill only

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

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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
na	na	na	na	na	na	na	na	na

.+ 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					
na	na	na	na	na	na	na

*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
na	na	na	na	na	na	na	na

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
na	na	na	na	na

Comments on liner type
na

Environmental Protection Agency

Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2016

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	Siobhán Kelly
AER Returns Contact Email Address	siobhan.kelly@greyhoundrecycling.com
AER Returns Contact Position	EHS officer
AER Returns Contact Telephone Number	01 457 7777
AER Returns Contact Mobile Phone Number	087 0694748
AER Returns Contact Fax Number	01 14571234
Production Volume	0.0
Production Volume Units	0
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	80
User Feedback/Comments	Statistical comparisons between 2015 and 2016, show Greyhound reduced it dispposal to Landfill, by 100%, as organic fines were recovered and composted for land cover for landfill.
Web Address	www.greyhound.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 ?	No
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	NA
Is the reduction scheme compliance route being used ?	NA

4. WASTE IMPORTED/ACCEPTED ONTO SITE Guidance on waste imported/accepted onto site

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

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

06/07/2017 11:56

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 Co	Designatior	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 Co	Designatior	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 Co	Designatior	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	**Dust**	M	OTH	vdi 2119 guideline Standard	210.0	199.0	409.0	0.0	0.0

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

SECTION A : PRTR POLLUTANTS

OF POLLUTANTS DESTINED FOR WASTE-WATER TRE					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
No. Annex	Name	M/C/E	Method Co	Designatior	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					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 B) then click the delete button

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

OF POLLUTANTS DESTINED FOR WASTE-WATER TRE					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD			QUANTITY				
			Method Used		TE1				
Pollutant N	Name	M/C/E	Method Co	Designatior	Emission Point 1	Emission Point 2	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
303	BOD	M	CRM	D1003	2677.3	0.0	2677.3	0.0	0.0
306	COD	M	CRM	D1009	2895.9	0.0	2895.9	0.0	0.0
308	Detergents	M	CRM	S	0.4	0.0	0.4	0.0	0.0
387	Ortho-phos	M	CRM	d3000	0.5	0.0	0.5	0.0	0.0
343	Sulphate	M	CRM	d3000	46.4	0.0	46.4	0.0	0.0
363	Total Disso	M	CRM	d1049	255.0	0.0	255.0	0.0	0.0
324	Mineral oils	M	CRM		1.5	0.0	1.5	0.0	0.0
314	**Fats, Oils a**	M	CRM	s3208	4.2	0.0	4.2	0.0	0.0

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used	
						M/C/E	Method Used
Within the Country	13 05 03	Yes	37.88	interceptor sludges	D9	M	Weighed
Within the Country	15 01 02	No	119.88	plastic packaging	R3	M	Weighed
Within the Country	15 01 02	No	0.0	plastic packaging	R3	M	Weighed
Within the Country	15 01 06	No	0.0	mixed packaging	R3	M	Weighed
Within the Country	15 01 06	No	0.0	mixed packaging	R3	M	Weighed
Within the Country	15 01 06	No	0.0	mixed packaging	R3	M	Weighed

Within the Country	15 01 06	No	3870.74	mixed packaging	R3	M	Weighed
Within the Country	17 01 01	No	15.2	concrete	R5	M	Weighed
Within the Country	17 02 02	No	267.18	glass	R5	M	Weighed
Within the Country	17 04 02	No	1.94	aluminium	R4	M	Weighed
Within the Country	17 09 04	No	137.94	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R4	M	Weighed
Within the Country	17 09 04	No	18.36	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed
Within the Country	17 09 04	No	0.0	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed
Within the Country	17 09 04	No	74.78	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	R5	M	Weighed
Within the Country	19 08 05	No	0.0	sludges from treatment of urban waste water	D9	M	Weighed
Within the Country	19 12 10	No	20980.43	combustible waste (refuse derived fuel)	R1	M	Weighed
Within the Country	19 12 10	No	32909.22	combustible waste (refuse derived fuel)	R1	M	Weighed

Within the Country	19 12 12	No	1223.2	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R1	M	Weighed
Within the Country	19 12 10	No	11555.64	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	19 12 10	No	54.68	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	19 12 10	No	0.0	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	19 12 12	No	7847.12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed
Within the Country	20 01 01	No	0.0	paper and cardboard	R3	M	Weighed
Within the Country	20 01 36	No	0.3	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R5	M	Weighed
Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R3	E	Weighed
Within the Country	20 01 38	No	4.06	wood other than that mentioned in 20 01 37	R3	M	Weighed
Within the Country	20 03 01	No	4.3	mixed municipal waste	R11	M	Weighed

Within the Country	20 03 01	No	25555.64	mixed municipal waste	R11	M	Weighed
Within the Country	20 03 07	No	0.0	bulky waste	R3	M	Weighed
Within the Country	15 01 06	No	0.0	mixed packaging	R11	M	Weighed
Within the Country	**15 01 06**	**No**	3116.12	mixed packaging	R3	M	Weighed
Within the Country	17 01 01	No	6.88	concrete	R5	M	Weighed
Within the Country	17 04 07	No	44.4	mixed metals	R4	M	Weighed
Within the Country	17 04 07	No	69.46	mixed metals	R4	M	Weighed

Within the Country	20 01 38	No	0.0	wood other than that mentioned in 20 01 37	R3	M	Weighed
Within the Country	20 03 01	No	3248.46	mixed municipal waste	R3	M	Weighed
Within the Country	20 03 01	No	1531.18	mixed municipal waste	R3	M	Weighed
Within the Country	20 03 01	No	5048.84	mixed municipal waste	R3	M	Weighed
Within the Country	20 03 01	No	77.78	mixed municipal waste	R3	M	Weighed
Within the Country	19 12 12	No	21.2	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R1	M	Weighed

Within the Country	19 12 12	No	5028.46	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R1	M	Weighed
Within the Country	19 12 12	No	0.0	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed
Within the Country	19 12 12	No	0.0	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	R3	M	Weighed
Within the Country	15 01 03	No	201.7	wooden packaging	R3	M	Weighed
Within the Country	15 01 03	No	299.56	wooden packaging	R3	M	Weighed
Within the Country	17 04 11	No	0.75	cables other than those mentioned in 17 04 10	R5	M	Weighed

Within the Country	16 07 08	Yes	0.72	wastes containing oil	R9	M	Weighed
Within the Country	19 12 10	No	4484.82	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	15 01 06	No	7490.24	mixed packaging	R3	M	Weighed
Within the Country	19 12 10	No	11390.54	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	19 12 10	No	2119.92	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	19 12 10	No	193.56	combustible waste (refuse derived fuel)	R3	M	Weighed
Within the Country	17 04 07	No	529.52	mixed metals	R4	M	Weighed
Within the Country	15 01 02	No	7.74	plastic packaging	R5	M	Weighed

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

Link to previous years waste data
Link to previous years waste summary data & percentage change
Link to Waste Guidance

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	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)
Offsite in Ireland	Rilta Environemtal Ltd,W0192-3	Block 402,Greenogue Business Park,Rathcoole ,Dublin,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
Offsite in Ireland	ClearPlas Ireland Ltd,WFP-MH-14-0001-01	Gibstown,Kells,kells,Co. Meath,Ireland		
Offsite in Ireland	Padraig Thornton Waste Disposal Ltd T/A Thorntons Recycling Wood Chipping Facility,WFP-KE-10-0061-01	Oldmilltown,kill,.,Kildare,Ireland		
Offsite in Ireland	Irish Packaging Recycling,w0263-01	Ballymount Road,.,Walkinstown ,Dublin 12,Ireland		
Offsite in Ireland	Killarney Waste Disposal ,W0217-01	Aughacureen ,., Killarney Co. Kerry ,.,Ireland		
Offsite in Ireland	Ballymount MRF ,W0238-01	Merrywell Industrial Estate , Ballymount Road Lower ,Ballymount Dublin 12,.,Ireland		

Offsite in Ireland	Dillon Waste ,W0184-01	The Kerries ,.,Tralee Co. Kerry ,.,Ireland			
Offsite in Ireland	Roadstone Fassaroe,W0269-01	Fassaroe ,.,Bray,Co. Wicklow,Ireland			
Offsite in Ireland	Murphy Environmental Hollywood LTD,W0129-03	Hollywood,Great Nags Head,The Naul,Dublin,Ireland			
Offsite in Ireland	Hammond Lane Metal Co. ,WFP-DC-09-0013-01	Pigeon Hse rd Ringsend ,.,Dublin 4 ,.,Ireland			
Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-15-0003-01	Wilton Waste Recycling Ltd,Kiffagh ,Crosserlough Ballyjamesduff ,Co. Cavan,Ireland			
Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03	Kileen Rd,Ballyfermot,Dublin,D10,Ireland			
Offsite in Ireland	Roadstone Fassaroe,W0269-01	Fassaroe ,.,Bray,Co. Wicklow,Ireland			
Offsite in Ireland	Padraig Thornton Waste Disposal Ltd ,W0206	Dunboyne ,Co. Meath ,.,.,Ireland			
Offsite in Ireland	Dublin City Council Waste Water Section,Ringsend Treatment Works	Ringsend Treatment Works,Ringsend,Dublin,Dublin 4,Ireland	, , , , , ,Ireland	, , , ,Ireland	
Offsite in Ireland	Wicklow Port Company Linited ,WFP - WW - 12-0007-03	North Quay ,.,Wicklow Town ,.,Ireland			
Offsite in Ireland	Drogheda Port Company,WFP-LH-11-0006-01	Harbourville Morningtonn Road,.,Drogheda,.,Ireland			

Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03	Kileen Rd,Ballyfermot,Dublin,D10,Ireland		
Offsite in Ireland	Enrich Composting Facility ,WFP/MH/08/0001/01	.,.,Kilcock Co. Meath ,.,Ireland		
Offsite in Ireland	McGill Environemtal Services,W0180-01	Coom,Glenville,.,Cork,Ireland		
Offsite in Ireland	Miltown Composting Systems LTD,WP01902	Milltownmore,Fethard,Tipperary,.,Ireland		
Offsite in Ireland	Drogheda Port Company,WFP-LH-11-0006-01	Harbourville Morningtonn Road,.,Drogheda,.,Ireland		
Offsite in Ireland	Irish Packaging Recycling,w0263-01	Ballymount Road,.,Walkinstown ,Dublin 12,Ireland		
Offsite in Ireland	Rehab Recycle ,WFP-DS.-10-0008-01	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
Offsite in Ireland	Clonmel Waste Disposal ,WM WP 08 02	23 Mitchell St ,.,Clonmel Co. Tipperary ,.,Ireland		
Offsite in Ireland	Padraig Thornton Waste Disposal Ltd T/A Thorntons Recycling Wood Chipping Facility,WFP-KE-10-0061-01	Oldmilltown,kill,.,Kildare,Ireland		
Offsite in Ireland	Nurendale Ltd T/A Panda Waste Services,W0261-01	Cappagh Road,.,Finglas,Dublin 11,Ireland		

Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03	Kileen Rd,Ballyfermot,Dublin,D10,Ireland
Offsite in Ireland	Padraig Thornton Waste Disposal Ltd ,W0206	Dunboyne ,Co. Meath ,.,.,Ireland
Offsite in Ireland	AES,W0201-01	Drehid Waste Management Facility,In the Townlands Parsonstown Louchnacush Kilkeaskin Drummond ,Timahoe West Coolcarrigan Kilinnagh lower and Kinllinagh Upper,Carbury Co. Kildare,Ireland
Offsite in Ireland	Forge Hill Recycling,W0291-01	Forge Hill Recycling Ltd.,Forge Hill ,Ballycurreen,Co. Cork,Ireland
Offsite in Ireland	Padraig Thornton Waste Disposal Ltd,W0206-01	Padraig Thornton Waste Disposal Ltd,Dunboyne Industrial Estate ,Dunboyne Industrial Estate ,Co. Meath,Ireland
Offsite in Ireland	Wilton Waste Recycling Ltd,WFP-CN-15-0003-01	Wilton Waste Recycling Ltd,Kiffagh ,Crosserlough Ballyjamesduff ,Co. Cavan,Ireland
Offsite in Ireland	A1 Metal Recycling Ltd,WFP-LS-14-0003-01	A1 Metal Recycling Ltd,Acragar ,Mountmellick ,Co. Laois,Ireland

Offsite in Ireland	Mckinstry Biomass Hire Ltd,LN16/16	Mckinstry Biomass Hire Ltd,Lisduff Cornbane Industial Estate ,Newry,Co. Down,United Kingdom
Offsite in Ireland	Ballynagran Landfill Limited,W0165-02	Ballynagran ,Coolbeg ,Kilcandra,Co. Wicklow,Ireland
Offsite in Ireland	Bord na Mona PLC,W0201-01	Drehid Waste Management Facility,In the Townlands Parsonstown Louchnacush Kilkeaskin Drummond ,Timahoe West Coolcarrigan Kilinnagh lower and Kinllinagh Upper,Carbury Co. Kildare,Ireland
Offsite in Ireland	Knockharley Landfill Ltd,W0146-03	Knockharley Landfill Ltd,KNOCKHARLEY ,Navan,Co. Meath ,Ireland
Offsite in Ireland	Oxigen Environmental,W0152-03	Oxigen Environmental,Robinhood Industrial Estate Robinhood Road ,Ballymount ,Dublin 22,Ireland
Offsite in Ireland	Nurendale Ltd T/A Panda Waste Services,W0261-01	Cappagh Road,.,Finglas,Dublin 11,Ireland

Offsite in Ireland	Quinn Cement Ltd,PO378-02	Quinn Cement Ltd,Scotchtown ,Ballyconnell ,Co. Cavan,Ireland
Offsite in Ireland	Bord na Mona PLC,W0201-01	Drehid Waste Management Facility,In the Townlands Parsonstown Louchnacush Kilkeaskin Drummond ,Timahoe West Coolcarrigan Kilinnagh lower and Kinllinagh Upper,Carbury Co. Kildare,Ireland
Offsite in Ireland	Oxigen Environmental,W0152-03	Oxigen Environmental,Robinhood Industrial Estate Robinhood Road ,Ballymount ,Dublin 22,Ireland
Offsite in Ireland	Clonmel Waste Disposal ,WM WP 08 02	23 Mitchell St ,.,Clonmel Co. Tipperary ,.,Ireland
Offsite in Ireland	Mckinstry Biomass Hire Ltd,LN16/16	Mckinstry Biomass Hire Ltd,Lisduff Cornbane Industial Estate ,Newry,Co. Down,United Kingdom
Offsite in Ireland	Hammond Lane Metal Co. ,WFP-DC-09-0013-01	Pigeon Hse rd Ringsend ,.,Dublin 4 ,.,Ireland

Offsite in Ireland	Enva Ireland Limited,W0184-02	Clonminam Industrial Estate,Portlaoise,Portlaoise,County Laois,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
Offsite in Ireland	Padriag Thornton Waste Disposal,W0044-03	Kileen Rd,Ballyfermot,Dublin,D10,Ireland		
Offsite in Ireland	Killarney Waste Disposal ,W0217-01	Aughacureen ,., Killarney Co. Kerry ,.,Ireland		
Offsite in Ireland	Miltown Composting Systems LTD,WP01902	Milltownmore,Fethard,Tipperary,.,Ireland		
Offsite in Ireland	Bord na Mona PLC,W0201-01	Drehid Waste Management Facility,In the Townlands Parsonstown Louchnacush Kilkeaskin Drummond ,Timahoe West Coolcarrigan Kilinnagh lower and Kinllinagh Upper,Carbury Co. Kildare,Ireland		
Offsite in Ireland	Oxigen Environmental,W0152-03	Oxigen Environmental,Robinhood Industrial Estate Robinhood Road ,Ballymount ,Dublin 22,Ireland		
Offsite in Ireland	Hammond Lane Metal Co. ,WFP-DC-09-0013-01	Pigeon Hse rd Ringsend ,.,Dublin 4 ,.,Ireland		
Offsite in Ireland	Envirogreen Recycling,WCO-MH-10-0008-01	Armagh Road,Armagh,Co. Armagh,BT717NN,United Kingdom		