Annual Environmental Report

2015

Licence Register No.: W0257-01

Location of Installation;

Churchfield Industrial Estate,
John F. Connolly Road,
Cork

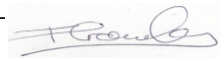
Prepared by;
Flor Crowley; EHS Manager
Ríona Burke; EHS Officer

Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0257-01
Name of site	Country Clean Recycling
Site Location	Churchfield Ind. Estate, John F. Connolly Rd, CO.Cork
NACE Code	CRO: 371457
Class/Classes of Activity	D13,D14,D15,R3,R4,R5,R11,R12,R13
National Grid Reference (6E, 6 N)	51.91351,-8.49255

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.	Country Clean Recycling is a Waste Transfer Station which accepts up to 100,000 tonnes of waste per year as per EPA licence. Waste types accepted include; mixed municipal waste, mixed dry recyclables, construction and demolition waster and household & commercial waste materials. Hazardous waste is not accepted on site. In 2015 Country Clean accepted less waste to allow for construction works to take place, no Separately collected food waste was accepted on site in 2015. Mixed Glass Packaging was also stopped being accepted on site during the second half of 2015 again to facilitate building works. During 2015, a new purpose built sealed waste storage building was constructed. Works also began on the installation of an odour abatement system, as per EPA licence conditions. A fire suppression system is planned to be installed in 2016 as part of these on going works on site. There was full compliance regarding noise and water emissions. Full compliance regarding noise, Air and water emissions has improved our environmental performance from previous years. We have also installed and energy monitoring system on particular parts of equipment and lighting to monitor and improve energy efficiency on site. An SEW was submitted to installed additional attenuation tanks and interceptors on site these works are set to begin in Q1 of 2016.

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)	 Flor Crowley	Date	31/03/2016

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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	Yes	ing is the only licenced emission needed and is non-continuou

Periodic/Non-Continuous Monitoring

2	Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below	No	
3	Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? Basic air monitoring checklist AGN2	Yes	

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

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments -reason for change in % mass load from previous year if applicable
D1	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	149.5	mg/m2/day	yes	ET2811	94.95	Wood Chipper Enclosed better Site Maintenance
D2	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	312.2	mg/m2/day	yes	ET2811	198.28	Wood Chipper Enclosed better Site Maintenance
D3	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	289.1	mg/m2/day	yes	ET2811	183.61	Wood Chipper Enclosed better Site Maintenance
D4	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	310.4	mg/m2/day	yes	ET2811	197.14	Wood Chipper Enclosed better Site Maintenance
D5	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	305.1	mg/m2/day	yes	ET2811	193.77	Wood Chipper Enclosed better Site Maintenance
D1	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	148	mg/m2/day	yes	EW131	93.99	Wood Chipper Enclosed better Site Maintenance
D2	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	121.6	mg/m2/day	yes	EW131	77.23	Wood Chipper Enclosed better Site Maintenance
D3	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	193.9	mg/m2/day	yes	EW131	123.15	Wood Chipper Enclosed better Site Maintenance
D4	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	169.3	mg/m2/day	yes	EW131	107.52	Wood Chipper Enclosed better Site Maintenance
D5	Dust	Bi-Annual	350mg/m2 per day	100 % of values < ELV	271.3	mg/m2/day	yes	EW131	172.30	Wood Chipper Enclosed better Site

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

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Continuous Monitoring

4	Does your site carry out continuous air emissions monitoring?	No	NOT APPLICABLE
	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	NOT APPLICABLE
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	NOT APPLICABLE
7	Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	NOT APPLICABLE

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
	NOT APPLICABLE			SELECT	SELECT		NOT APPLICABLE			
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					

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

Table A3: Abatement system bypass reporting table Bypass protocol

Date*	Duration** (hours)	Location	Reason for bypass	Impact magnitude	Corrective action
			NOT APPLICABLE	NOT APPLICABLE	

* 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

No	NOT APPLICABLE

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
	NOT APPLICABLE				SELECT
					SELECT

Table A5: Solvent Mass Balance summary

	(I) Inputs (kg)	(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
	NOT APPLICABLE				NOT APPLICABLE			
							Total	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0257-01 Year 2015

			Additional information
1	Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections	Yes	
2	Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table W2 below summarising only any evidence of contamination noted during visual inspections	Yes	There was no visible evidence of contamination reported.

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	COD	COD	31/03/2015	N/A	N/A	8.99	mg/L	yes	
SW1	onsite	COD	COD	23/06/2015	N/A	N/A	<7	mg/L	yes	
SW1	onsite	COD	COD	30/09/2015	N/A	N/A	<7	mg/L	yes	
SW1	onsite	COD	COD	11/12/2015	N/A	N/A	<8	mg/L	yes	
SW1	onsite	Suspended Solids	Suspended Solids	31/03/2015	N/A	N/A	7.5	mg/L	yes	
SW1	onsite	Suspended Solids	Suspended Solids	23/06/2015	N/A	N/A	<2	mg/L	yes	
SW1	onsite	Suspended Solids	Suspended Solids	30/09/2015	N/A	N/A	<2	mg/L	yes	
SW1	onsite	Suspended Solids	Suspended Solids	11/12/2015	N/A	N/A	<5	mg/L	yes	
SW1	onsite	TPH/Oil & Greases	TPH/Oil & Greases	31/03/2015	N/A	N/A	<1	mg/L	yes	
SW1	onsite	TPH/Oil & Greases	TPH/Oil & Greases	23/06/2015	N/A	N/A	<1	mg/L	yes	
SW1	onsite	TPH/Oil & Greases	TPH/Oil & Greases	30/09/2015	N/A	N/A	<1	mg/L	yes	
SW1	onsite	TPH/Oil & Greases	TPH/Oil & Greases	11/12/2015	N/A	N/A	<4	mg/L	yes	

*trigger values may be agreed by the Agency outside of licence conditions

Table W2 Visual inspections-Please only enter details where contamination was observed.

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
		NOT APPLICABLE	SELECT	NOT APPLICABLE	No contamination observed
		NOT APPLICABLE	SELECT	NOT APPLICABLE	

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

					Additional information
3	Was there any result in breach of licence requirements? If yes please provide brief details in the comment section of Table W3 below			No	
4	Was all monitoring carried out in accordance with EPA guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what areas require improvement in additional information box	External /Internal Lab Quality checklist	Assessment of results checklist	Yes	

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof[Note 2]	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	Comments
Q1	Wastewater/Sewer	Ammonia (as N)	composite	Quarterly	24 hour	5mg/l	All values < ELV	2.14	mg/L	yes	INSTRUMENTAL METHODS	ISO	ISO17025	0.2033	Mass Load for Q1
Q2	Wastewater/Sewer	Ammonia (as N)	composite	Quarterly	24 hour	5mg/l	All values < ELV	2.25	mg/L	yes	INSTRUMENTAL METHODS	ISO	ISO17025	0.25425	Mass Load for Q2
Q3	Wastewater/Sewer	Ammonia (as N)	composite	Quarterly	24 hour	5mg/l	All values < ELV	2.85	mg/L	yes	INSTRUMENTAL METHODS	ISO	ISO17025	0.72105	Mass Load for Q3
Q4	Wastewater/Sewer	Ammonia (as N)	composite	Quarterly	24 hour	5mg/l	All values < ELV	1.3	mg/L	yes	INSTRUMENTAL METHODS	ISO	ISO17025	0.4992	Mass Load for Q4
Q1	Wastewater/Sewer	BOD	composite	Quarterly	24 hour	1000mg/l	All values < ELV	26.1	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	2.4795	Mass Load for Q1
Q2	Wastewater/Sewer	BOD	composite	Quarterly	24 hour	1000mg/l	All values < ELV	22.6	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	2.5538	Mass Load for Q2
Q3	Wastewater/Sewer	BOD	composite	Quarterly	24 hour	1000mg/l	All values < ELV	37.2	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	9.4116	Mass Load for Q3
Q4	Wastewater/Sewer	BOD	composite	Quarterly	24 hour	1000mg/l	All values < ELV	26	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	9.984	Mass Load for Q4

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)						Lic No:	W0257-01			Year	2015				
Q1	Wastewater/Sewer	COD	composite	Quarterly	24 hour	1500mg/l	All values < ELV	51.3	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	4.8735	Mass Load for Q1
Q2	Wastewater/Sewer	COD	composite	Quarterly	24 hour	1500mg/l	All values < ELV	28.5	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	3.2205	Mass Load for Q2
Q3	Wastewater/Sewer	COD	composite	Quarterly	24 hour	1500mg/l	All values < ELV	59.3	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	15.0029	Mass Load for Q3
Q4	Wastewater/Sewer	COD	composite	Quarterly	24 hour	1500mg/l	All values < ELV	35	mg/L	yes	Dissolved Oxygen Meter (Electrode)	ISO	ISO17025	13.44	Mass Load for Q4
Q1	Wastewater/Sewer	Conductivity	composite	Quarterly	24 hour	1500uS/cm	All values < ELV	0.476	µS/cm @20oC	yes	Conductivity Meter (Electrode)	ISO	ISO17025	No/A	
Q2	Wastewater/Sewer	Conductivity	composite	Quarterly	24 hour	1500uS/cm	All values < ELV	0.344	µS/cm @20oC	yes	Conductivity Meter (Electrode)	ISO	ISO17025	No/A	Figure in µS/cm @20oC
Q3	Wastewater/Sewer	Conductivity	composite	Quarterly	24 hour	1500uS/cm	All values < ELV	0.283	µS/cm @20oC	yes	Conductivity Meter (Electrode)	ISO	ISO17025	Not Applicable	
Q4	Wastewater/Sewer	Conductivity	composite	Quarterly	24 hour	1500uS/cm	All values < ELV	0.221	µS/cm @20oC	yes	Conductivity Meter (Electrode)	ISO	ISO17025	Not Applicable	Figure in µS/cm @20oC
Q1	Wastewater/Sewer	Nitrate (as N)	composite	Quarterly	24 hour	30mg/l	All values < ELV	0.269	mg/L	yes	Spectrophotometric analysers	ISO	ISO17025	0.025555	Mass Load for Q1
Q2	Wastewater/Sewer	Nitrate (as N)	composite	Quarterly	24 hour	30mg/l	All values < ELV	<0.0677	mg/L	yes	Spectrophotometric analysers	ISO	ISO17025	0.0076388	Mass Load for Q2
Q3	Wastewater/Sewer	Nitrate (as N)	composite	Quarterly	24 hour	30mg/l	All values < ELV	0.115	mg/L	yes	Spectrophotometric analysers	ISO	ISO17025	0.029095	Mass Load for Q3
Q4	Wastewater/Sewer	Nitrate (as N)	composite	Quarterly	24 hour	30mg/l	All values < ELV	<0.0677	mg/L	yes	Spectrophotometric analysers	ISO	ISO17025	0.0259584	Mass Load for Q4
Q1	Wastewater/Sewer	Surfactants,Anionic (MBAS)	composite	Quarterly	24 hour	400mg/l	All values < ELV	<0.5	mg/L	yes	Methylene Blue Active Susbstances in Waters	ISO	ISO17025	0.04655	Mass Load for Q1
Q2	Wastewater/Sewer	Surfactants,Anionic (MBAS)	composite	Quarterly	24 hour	400mg/l	All values < ELV	0.338	mg/L	yes	Methylene Blue Active Susbstances in Waters	ISO	ISO17025	0.038194	Mass Load for Q2
Q3	Wastewater/Sewer	Surfactants,Anionic (MBAS)	composite	Quarterly	24 hour	400mg/l	All values < ELV	0.639	mg/L	yes	Methylene Blue Active Susbstances in Waters	ISO	ISO17025	0.161667	Mass Load for Q3
Q4	Wastewater/Sewer	Surfactants,Anionic (MBAS)	composite	Quarterly	24 hour	400mg/l	All values < ELV	0.0856	mg/L	yes	Methylene Blue Active Susbstances in Waters	ISO	ISO17025	0.0328704	Mass Load for Q4
Q1	Wastewater/Sewer	Aluminium	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.016	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00152	Mass Load for Q1
Q2	Wastewater/Sewer	Aluminium	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.0405	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0045765	Mass Load for Q2
Q3	Wastewater/Sewer	Aluminium	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.0128	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0032384	Mass Load for Q3
Q4	Wastewater/Sewer	Aluminium	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.37	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.14208	Mass Load for Q4
Q1	Wastewater/Sewer	Cadmium	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0001	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0000095	Mass Load for Q1
Q2	Wastewater/Sewer	Cadmium	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0001	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0000113	Mass Load for Q2
Q3	Wastewater/Sewer	Cadmium	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0001	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0000253	Mass Load for Q3
Q4	Wastewater/Sewer	Cadmium	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0003	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0001152	Mass Load for Q4
Q1	Wastewater/Sewer	Chromium, Hexavalent	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	<0.03	mg/L	yes	Kone Analyser	ISO	ISO17025	0.00285	Mass Load for Q1
Q2	Wastewater/Sewer	Chromium, Hexavalent	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	<0.03	mg/L	yes	Kone Analyser	ISO	ISO17025	0.003277	Mass Load for Q2
Q3	Wastewater/Sewer	Chromium, Hexavalent	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0112	mg/L	yes	Kone Analyser	ISO	ISO17025	0.0028336	Mass Load for Q3
Q4	Wastewater/Sewer	Chromium, Hexavalent	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.0032	mg/L	yes	Kone Analyser	ISO	ISO17025	0.0012288	Mass Load for Q4
Q1	Wastewater/Sewer	Copper	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.0047	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0004465	Mass Load for Q1
Q2	Wastewater/Sewer	Copper	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.00263	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00029719	Mass Load for Q2
Q3	Wastewater/Sewer	Copper	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.0085	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0021505	Mass Load for Q3
Q4	Wastewater/Sewer	Copper	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.003	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.001152	Mass Load for Q4
Q1	Wastewater/Sewer	Iron	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.173	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.016435	Mass Load for Q1
Q2	Wastewater/Sewer	Iron	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.253	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.028589	Mass Load for Q2
Q3	Wastewater/Sewer	Iron	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.258	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.065274	Mass Load for Q3
Q4	Wastewater/Sewer	Iron	composite	Quarterly	24 hour	5mg/l	All values < ELV	1.1	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.4224	Mass Load for Q4
Q1	Wastewater/Sewer	Lead	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.000862	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00008189	Mass Load for Q1
Q2	Wastewater/Sewer	Lead	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.00153	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00017289	Mass Load for Q2
Q3	Wastewater/Sewer	Lead	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.000031	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.000007843	Mass Load for Q3
Q4	Wastewater/Sewer	Lead	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.0033	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0012672	Mass Load for Q4
Q1	Wastewater/Sewer	Mercury	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	0.00001	mg/L	yes	X-Ray Fluorescence	ISO	ISO17025	0.00000095	Mass Load for Q1

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)						Lic No:	W0257-01		Year	2015					
Q2	Wastewater/Sewer	Mercury	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	<0.00001	mg/L	yes	X-Ray Fluorescence	ISO	ISO17025	0.00000113	Mass Load for Q2
Q3	Wastewater/Sewer	Mercury	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	<0.00001	mg/L	yes	X-Ray Fluorescence	ISO	ISO17025	2.5047E-06	Mass Load for Q3
Q4	Wastewater/Sewer	Mercury	composite	Quarterly	24 hour	0.1mg/l	All values < ELV	<0.0006	mg/L	yes	X-Ray Fluorescence	ISO	ISO17025	0.00022656	Mass Load for Q4
Q1	Wastewater/Sewer	Nickel	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.007	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.000665	Mass Load for Q1
Q2	Wastewater/Sewer	Nickel	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.0032	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0003616	Mass Load for Q2
Q3	Wastewater/Sewer	Nickel	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.00165	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00041745	Mass Load for Q3
Q4	Wastewater/Sewer	Nickel	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.004	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.001536	Mass Load for Q4
Q1	Wastewater/Sewer	Chromium	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.00383	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00036385	Mass Load for Q1
Q2	Wastewater/Sewer	Chromium	composite	Quarterly	24 hour	1mg/l	All values < ELV	<0.003	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.00033787	Mass Load for Q2
Q3	Wastewater/Sewer	Chromium	composite	Quarterly	24 hour	1mg/l	All values < ELV	0.0112	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0028336	Mass Load for Q3
Q4	Wastewater/Sewer	Chromium	composite	Quarterly	24 hour	1mg/l	All values < ELV	<0.03	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.011136	Mass Load for Q4
Q1	Wastewater/Sewer	Phosphorus	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.195	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.018525	Mass Load for Q1
Q2	Wastewater/Sewer	Phosphorus	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.253	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.028589	Mass Load for Q2
Q3	Wastewater/Sewer	Phosphorus	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.821	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.207713	Mass Load for Q3
Q4	Wastewater/Sewer	Phosphorus	composite	Quarterly	24 hour	5mg/l	All values < ELV	0.2	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.0768	Mass Load for Q4
Q1	Wastewater/Sewer	TPH/Oil & Greases	composite	Quarterly	24 hour	50mg/l	All values < ELV	<1	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.09405	Mass Load for Q1
Q2	Wastewater/Sewer	TPH/Oil & Greases	composite	Quarterly	24 hour	50mg/l	All values < ELV	<1	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.11187	Mass Load for Q2
Q3	Wastewater/Sewer	TPH/Oil & Greases	composite	Quarterly	24 hour	50mg/l	All values < ELV	<1	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.25047	Mass Load for Q3
Q4	Wastewater/Sewer	TPH/Oil & Greases	composite	Quarterly	24 hour	50mg/l	All values < ELV	12	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	4.608	Mass Load for Q4
Q1	Wastewater/Sewer	Suspended Solids	composite	Quarterly	24 hour	400mg/l	All values < ELV	7.5	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	0.7125	Mass Load for Q1
Q2	Wastewater/Sewer	Suspended Solids	composite	Quarterly	24 hour	400mg/l	All values < ELV	18	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	2.034	Mass Load for Q2
Q3	Wastewater/Sewer	Suspended Solids	composite	Quarterly	24 hour	400mg/l	All values < ELV	38	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	9.614	Mass Load for Q3
Q4	Wastewater/Sewer	Suspended Solids	composite	Quarterly	24 hour	400mg/l	All values < ELV	17	mg/L	yes	ICP / ICPMS (Inductively Coupled Plasma - Mass Spectrometry)	ISO	ISO17025	6.528	Mass Load for Q4

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

Note 2: Where Emission Limit Values (ELV) do not apply to your licence please compare results against EQS for Surface water or relevant receptor quality standards

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER) Lic No: W0257-01 Year 2015

Continuous monitoring

			Additional Information
5	Does your site carry out continuous emissions to water/sewer monitoring?	Yes	Flow to sewer is monitored on a continuous basis.

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6	Did continuous monitoring equipment experience downtime? **If yes please record downtime in table W4 below**	No	
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	No	NOT APPLICABLE
8	Did abatement system bypass occur during the reporting year? **If yes please complete table W5 below**	No	NOT APPLICABLE

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	mg/L	Number of ELV exceedences in reporting year	Comments
Flow Meter	Wastewater/Sewer	volumetric flow	20m3/day	24 hour	n/a	m3/day	1059m3	"+" 57%		0	Part of 2014 figure for flow were Estimated

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?
		Not Applicable		Not Applicable		SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template Lic No: W0257-01 Year 2015

Bund testing

dropdown menu click to see options

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

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)
13925	prefabricated	MDPE	Not used to contain anythin	1130L	1000L	Other (please specify)	Hydrostatic	16/10/2014	Yes	Pass	n/a	Not Applicable	n/a	n/a
13927	prefabricated	Polyethylene	Oils in containers	250L	250L	Other (please specify)	Hydrostatic	16/10/2014	Yes	Pass	n/a	Not Applicable	n/a	n/a
14013	prefabricated	MDPE	Oils in containers	230L	220L	Other (please specify)	Hydrostatic	16/10/2014	Yes	Pass	n/a	Not Applicable	n/a	n/a
13924	prefabricated	MDPE	Adblue	1130L	1000L	Other (please specify)	Hydrostatic	16/10/2014	Yes	Pass	n/a	Not Applicable	n/a	n/a
Wheel wash sump	reinforced concrete	n/a	Water	120cm	90cm	Other (please specify)	Hydrostatic	10/12/2014	Yes	Pass	n/a	Not Applicable	n/a	n/a
Top shed sump	reinforced concrete	n/a	Runoff from top shed	225cm	173cm	Other (please specify)	Hydrostatic	10/12/2014	yes	Pass	n/a	Not Applicable	n/a	n/a
Bottom Shed sump	reinforced concrete	n/a	Runoff from bottom shed	92cm	68cm	Other (please specify)	Hydrostatic	10/12/2014	yes	pass	n/a	Not Applicable	n/a	n/a

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

			Commentary
15	Has integrity testing been carried out in accordance with licence requirements and are all structures tested in line with BS8007/EPA Guidance? bunding and storage guidelines	Yes	
16	Are channels/transfer systems to remote containment systems tested?	Yes	
17	Are channels/transfer systems compliant in both integrity and available volume?	Yes	

Pipeline/underground structure testing

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

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

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

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
F1	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
F2	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
F2a	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
F3	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
F4	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
F5	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
S1	Foul	pvc	No	n.a	CCTV	yes	Pass	n/a	n/a	n/a	n/a
S2	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
S3	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
S4	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
S5	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
Tank Shed (S5)	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
Wash (W1)	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
W2	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a
W3	Foul	pvc	No	n.a	CCTV	Yes	Pass	n/a	n/a	n/a	n/a

Groundwater/Soil monitoring template	Lic No:	W0257-01	Year	2015

			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no		Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
2	Are you required to carry out soil monitoring as part of your licence requirements?	no		
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no		
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. Groundwater monitoring template	no		
5	Is the contamination related to operations at the facility (either current and/or historic)	N/A		
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	N/A		
7	Please specify the proposed time frame for the remediation strategy	N/A		
8	Is there a licence condition to carry out/update ELRA for the site?	yes		
9	Has any type of risk assesment been carried out for the site?	yes		
10	Has a Conceptual Site Model been developed for the site?	no		
11	Have potential receptors been identified on and off site?	no		
12	Is there evidence that contamination is migrating offsite?	no		Not Applicable

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
	Not Applicable						SELECT			SELECT
							SELECT			SELECT

.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
	Not Applicable						SELECT			SELECT
							SELECT			SELECT

Groundwater/Soil monitoring template	Lic No:	W0257-01	Year	2015

*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:	W0257-01	Year	2015

Table 3: Soil results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
		Not Applicable					SELECT
							SELECT

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

Environmental Liabilities template	Lic No:	W0257-01	Year	2015

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

			Commentary
1	ELRA initial agreement status	Submitted and not agreed by EPA;	As part of SEW condition, EPA require updated version of ELRA once builing works and negative air pressure system are completed.
2	ELRA review status		Not applicable
3	Amount of Financial Provision cover required as determined by the latest ELRA	dated financial provision once buidling works are completed	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA;	
5	Financial Provision for ELRA - amount of cover	EPA require an updated figure for cover once buidling works are completed	
6	Financial Provision for ELRA - type	Other please specify	Type of cover will be updated and submitted once building works are completed
7	Financial provision for ELRA expiry date	N/A	
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	Review of Closure plan to be completed once construction has been completed.
9	Closure plan review status		Not applicable
10	Financial Provision for Closure status	Submitted and agreed by EPA	Not in place until building works are
11	Financial Provision for Closure - amount of cover	€544,060	Cover not in place until building works are
12	Financial Provision for Closure - type	Other please specify	Type of cover will be updated and
13	Financial provision for Closure expiry date	Enter expiry date	Expiry date updated once building works

Environmental Management Programme/Continuous Improvement Programme template Lic No: W0257-01 Year 2015

Highlighted cells contain dropdown menu click to view

			Additional Information
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Yes	
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Improved Environmental Management Practices
	Install A wind sock.	100% Completed	Sock was purchased and installed	EHS Officer	Increased compliance with licence conditions
	Install a Notice board in accordance with Condition 3.6 of the Waste Licence.	100% Completed	Notice board installed 2014	EHS Officer	Improved Environmental Management Practices
	Submit a report to the EPA detailing the duty and standby capacity of all waste handling and processing equipment as per Condition 3.12 of the licence	100% Completed	Submitted 2014	EHS Officer	Increased compliance with licence conditions
	Install high level alarms on storage devices as per Condition no 3.21of the Waste Licence.	100% Completed	Installed 2014	EHS Officer	Increased compliance with licence conditions
Waste Licence	Submitt 2015 AER	100% Completed	Records kept of all processes data to complete AER efficiently	EHS Officer	Increased compliance with licence conditions
	Regularly review and update the Emergency Response Procedure. Create Procedures that correspond to this.	Ongoing	Emergency response is reviewed regularly and refresher training is given of all procedures to ensure all staff are aware.	EHS Officer	Improved Environmental Management Practices
	Submit scaled drawings of the site to the EPA.	Completed 2014	Submitted to the EPA	EHS Officer	Increased compliance with licence conditions
	Control all Emergencies that may arise at the facility.		Daily monitoring of site and reviewing emergency response plan regularly	EHS Officer	Improved Environmental Management Practices
	Develop and maintain the Environmental Management System onsite to control environmental operations in accordance with condition 2.2.1 of the waste licence.	100% Completed	Regularly reviewed and updated to ensure compliance	EHS Officer	Improved Environmental Management Practices
Air/Noise/Water/	Continually assess the effectiveness of Nuisance Control Procedures to ensure minimal impact on the surrounding environment.	Ongoing	Daily and weekly checks in place and third parties undertaking monthly monitoring	EHS Officer	Increased compliance with licence conditions
	Ensure Yard Areas a clean at the end of each working day	Ongoing	Daily checks monitor that the yard has been cleaned	EHS Officer & Operaitors	Increased compliance with licence conditions
	Investigate any irregular environmental monitoring results or potential breaches of emission limit values.	Ongoing	Daily & weekly checks & regular monitoring make investigations more efficient	EHS Officer	Increased compliance with licence conditions
	Identify staff training requirements and provide relevant training.	Ongoing	Staff trained in environmental duties & other procedures relevant	EHS Officer	Increased compliance with licence conditions
	Ensure adequate lighting provided throughout the Material Recovery Facility and is clean and maintained on a regular basis.	100% completes	More lighting to be added when construction is finished	EHS Officer & Site Manager	Installation of infrastructure
	Install a composite water sampler as per Condition 11.5 of the Licence.	100% Complete	Sampler was installed April 2014	EHS Officer	Increased compliance with licence conditions
	Submit laboratory procedures in relation to the sampling and testing of the emissions to sewer to the Cork City Council as per Condition 11.5 of the Licence.	100% Complete	Submitted to the EPA April 2014	EHS Officer	Increased compliance with licence conditions
	Implement colour coding of drains onsite as per Condition 6.11 of the Waste Licence.	100%	Sewer painted red and storm painted blue.	EHS Officer	Increased compliance with licence conditions
	Complete the Firewater Risk Assessment	100%	Completed Dec 2014	EHS Officer	Improved Environmental Management Practices
	Ensure all gullies are maintained and regularly cleaned.	Ongoing	Regularly checked as part of weekly check	EHS Officer	Improved Environmental Management Practices
	Undertake bund and pipeline Integrity Testing as per Condition 6.11 of the Waste Licence.	100%	Completed Dec 2014. Bund cert valid until 2017	EHS Officer	Increased compliance with licence conditions
	Onsite effluent is sent to Cork City Councils Sewer for treatment. Ensure water samples are recorded at surface and effluent monitoring locations to ensure there is no contamination.	Ongoing	Weekly monitoring of flow, quarterly monitoring of water samples sent to lab for testing	EHS Officer	Increased compliance with licence conditions
	Ensure the oil separator is in good working order reduce potential for water contamination.	Ongoing	Inspected as part of weekly environmental check	EHS Officer	Increased compliance with licence conditions
	Ensure bunded structures are integrity tested to ensure they are intact.	100% Complete	Completed in Dec 2014, expires in Dec 2017	EHS Officer	Increased compliance with licence conditions
Water/Waste Licence	Energy efficiency audit of the facility are undertaken with the aim of reducing consumption.	100% Complete	Completed in July 2017	EHS Officer	Increased compliance with licence conditions

Environmental Management Programme/Continuous Improvement Programme template				Lic No:	W0257-01	Year 2015
	Maintain and update on a monthly basis a Waste Management Record as per Condition 11.12 of the Licence.	Ongoing	Monthly reports produced as well as weekly waste reports.	EHS Officer	Improved Environmental Management Practices
	Waste recovery reports produced for the AER	100% Completed	Records kept throughout the year	EHS Officer	Improved Environmental Management Practices
	Assess waste acceptance procedures to ensure environmental controls are in place at all times and amend where necessary.	Ongoing	Acceptance procedure reviewed regularly to ensure full compliance	EHS Officer	Increased compliance with licence conditions
	Communicate with customers regarding the items that are not accepted in incoming waste streams.	Ongoing	List of wastes not accepted available to the public	EHS Officer	Increased compliance with licence conditions
	Cease to accept MSW and separately collected bio-waste at the facility unless all appropriate infrastructure is installed and agreed with the EPA.	100%Complete	Food waste collected is divereted to another facility	EHS Officer	Increased compliance with licence conditions
	Ensure the Timber shredding area is enclosed to eliminate dust emissions as per Condition 3.25.1 of the Waste Licence.	100% complete	Building a walled shelter to prevent noise and dust emissions from woodchipping	EHS Officer	Increased compliance with licence conditions
	Develop and submit to the EPA a test programme for abatement equipment for odour/dust emissions as per Condition 6.1.1 of the Licence.	20	Negative Air Syetem due to be up an running in March 2016. Will Develop test program once system is operational	EHS Officer	Increased compliance with licence conditions
	Install an odour abatement system at the facility to include a negative air pressure system.	80% complete	Involving heavy construction activity during 2015	EHS Officer	Increased compliance with licence conditions
	Install a negative air pressure system.	80% complete	Involving heavy construction activity during 2015	EHS Officer	Increased compliance with licence conditions
	Submit a report to the EPA on the effectiveness of the negative air pressure system.	10	Works to be finished in early 2016, the effectiveness report will follow after	EHS Officer	Increased compliance with licence conditions
	Install dust curtains or fast acting roller shutter doors as per Condition 3.13.1 of the Waste Licence.	100% Completed	Fast action roller doors were installed in 2015	EHS Officer	Increased compliance with licence conditions
Atomspheric Emissions	To reduce the risk of fire from the facilty obtain proposals on how to improve current detection systems.	30	Currently investigating Fire detection and Fire Supression systems plan to intall in Q2 2016	EHS Officer	Increased compliance with licence conditions
	Ensure the programmed for the control and eradication of vermin and fly infestations is maintained.	100% completed and ongoing	Monthly inspections by a third party take place on rat nuisance on site. Daily checks on rat and fly nuisance is monitored	EHS Officer	Increased compliance with licence conditions
	Completion of Noise survey to ensure compliance with the EPA noise limits and implement mitigation measures where non compliances occur.	100% completed	2015 noise survey completed with no breaches in ELV's	EHS Officer	Increased compliance with licence conditions
	Undertake an Energy Efficiency Audit of the Facility.	100% Completed	2015 Energy audit took place by external consultant in July 2015	EHS Officer	Increased compliance with licence conditions
	Energy & Fuel consumption should be monitored	10	Energy is being monitored by new software installed	EHS Officer	Improved Environmental Management Practices
	Energy Policy should be developed	10	Energy policy is to be compiled	EHS Officer	Improved Environmental Management Practices
	Set up energy awareness campaign	To be completed	Energy campaign to be completed in 2016	EHS Officer	Improved Environmental Management Practices
	Site procedures updated to include energy awareness	To be completed	To be added to training sessions with staff in 2016	EHS Officer	Improved Environmental Management Practices
	Undertake internal audits	To be completed	Energy Efficiency is monitored weekly.	EHS Officer	Improved Environmental Management Practices
Power Consumption					

Noise monitoring summary report	Lic No:	W0257-01	Year	2015

1	Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below	Yes
2	Was noise monitoring carried out using the EPA Guidance note, including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? (Noise Guidance note NG4)	Yes
3	Does your site have a noise reduction plan	No
4	When was the noise reduction plan last updated?	N/A
5	Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?	No

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA_{eq}	LA_{90}	LA_{10}	LA_{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is site compliant with noise limits (day/evening/night)?
02/12/2016	15:27-15:57	NSL1	NSL1	50	43	54	69	No	No	Negligible noise from waste facility audible	Yes
02/12/2016	15:57-16:27	NSL1	NSL1	50	45	52	68	No	No	Negligible noise from waste facility audible	Yes
02/12/2016	16:27-16:57	NSL1	NSL1	52	44	53	68	No	No	Negligible noise from waste facility audible	Yes
02/12/2016	22:30-23:00	NSL1	NSL1	36	33	37	52	No	No	N/A	Yes
02/12/2016	23:00-23:30	NSL1	NSL1	39	36	41	56	No	No	Engine activity audible & bucket scraping on floor	Yes
02/12/2016	23:30-00:00	NSL1	NSL1	41	33	43	61	No	No	Activity in building continuously audible	Yes
02/12/2016	15:32-16:02	NSL2	NSL2	56	46	58	78	No	No	Negligible noise from	Yes
02/12/2016	16:02-16:32	NSL2	NSL2	54	44	56	75	No	No	Negligible noise from	Yes
02/12/2016	16:32-17:02	NSL2	NSL2	53	45	53	71	No	No	waste facility audible	Yes
02/12/2016	22:30-23:00	NSL2	NSL2	35	33	37	58	No	No	N/A	Yes
02/12/2016	23:00-23:30	NSL2	NSL2	37	34	38	52	No	No	Plant emissions faintly	Yes
02/12/2016	23:30-00:00	NSL2	NSL2	36	32	38	46	No	No	audible	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**

** please explain the reason for not taking action/resolution of noise issues?
According to consultants undertaking the survey, the monitoring data and subjective assessment suggest that all emissions are within ELV's

Resource Usage/Energy efficiency summary	Lic No:	W0257-01	Year	2015

			Additional information
1	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below	17/07/2015	
2	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI programme linked to the right? If yes please list them in additional information	No	
3	Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information	SELECT	N/A

SEAI - Large Industry Energy Network (LIEN)

Table R1 Energy usage on site

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Addition al Information
Total Energy Used (MWHrs)	142.3707	291.05611	50.56%	-55%	2014's figures estimated as a move was made from generator to Airtricity. Energy Comspuption was measured agaist Waste through-put
Total Energy Generated (MWHrs)	0	0	0	0	
Total Renewable Energy Generated (M	0	0	0	0	
Electricity Consumption (MWHrs)	142.3707	291.05611	50.56%	-55%	2014's figures estimated as a move was made from generator to Airtricity. Energy Comspuption was measured agaist Waste through-put
Fossil Fuels Consumption:					
Heavy Fuel Oil (m3)	109.005	61.05	-44%	-38%	No longer using a generator on site since Nov 2014. Production based on tonnes send out from site in each year
Light Fuel Oil (m3)					
Natural gas (m3)	0	0	0	0	
Coal/Solid fuel (metric tonnes)	0	0	0	0	
Peat (metric tonnes)	0	0	0	0	
Renewable Biomass	0	0	0	0	
Renewable energy generated on site	0	0	0	0	

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

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

Table R2 Water usage on site

					Water Emissions	Water Consumption	
Water use	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m^3/yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Groundwater	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Surface water	no data	no data	no data	no data	no data	no data	no data
Public supply	443	711	46%	-77%	1059		348 (Probably surface water and rainwater used from Rainwater harvesting)
Recycled water	no data	no data	no data	no data	no data	no data	no data
Total	443	711					348

* 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

Resource Usage/Energy efficiency summary

Lic No: W0257-01 Year 2015

Table R3 Waste Stream Summary

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	**40.4**	**0**	**40.4**	**0**	**0**
Non-Hazardous (Tonnes)	**950**	**0**	**0**	**950**	**0**

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
17/07/2015	MIC & Power Factor Cor	To reduce the MIC on site	energy audit		Nov-15	EHS Officer	Nov-15	reduced from 400KVA to 300
17/07/2015	LED lighting	Installing LED lighting in new building will produce energy savings and cost savings that should be put towards an energy efficient credit	energy audit		TBC	EHS Officer	TBC 2016	Works not complete until 2016
17/07/2015	Voltage Optimisation		energy audit					

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

Complaints and Incidents summary template Lic No: W0257-01 Year 2015

Complaints

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

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
14/04/2015	Odour	n.a	A waste smell was detected in a housing estate for a period of a day	Site cleaned, doors closed, works on site ongoing	Ongoing	15/04/2015	Complainant was contacted and informed of on going works on site at the time.
09/07/2015	Odour	n.a	Complainant experienced a smell similar to that of a refuse truck	Site cleaned, doors closed, works on site ongoing	Ongoing	16/07/2015	Complainant was contacted and informed of works on site
17/07/2015	Odour	n.a	Waste odours over a period of days	Site cleaned, doors closed, works on site ongoing, new doors being installed	Ongoing	17/07/2015	Complainant was contacted
21/07/2015	Odour	n.a	Waste odours experienced	No Odour was detected on site on the day in question. Complainant was contacted.	Ongoing	21/07/2015	Complainant was contacted
28/07/2015	Odour	n.a	Odour similar to 'sour milk'	New doors to be installed. Site cleaned continuously	Ongoing	05/08/2015	No source was identified. New doors to be installed.
31/07/2015	Odour	n.a	Complainant experienced a bad smell in the area.	Misters in place, doors closed, site cleaned, management informed	Ongoing	04/08/2015	Complainant was contacted
04/08/2015	Odour	n.a	On and off odours for a period of days	Misters in place, drainiage systems cleaned on evening previous, management informed	Ongoing	05/08/2015	

Complaints and Incidents summary template					Lic No:	W0257-01	Year 2015
05/08/2015	Odour	n.a	Complainant experienced an extremely bad odour.	Drainage system cleaning was the source of odour and was reported as an incident.Misters in place and doors closed.	Ongoing	01/09/2015	Complainant contacted
10/08/2015	Odour	n.a	Smell of rubbish experienced	Misters in place, doors remaining closed and site cleaned on a regular basis.	Ongoing	11/08/2015	Complainant was contacted and informed of on-going works.
27/08/2015	Odour	n.a	Bad smells all week	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	02/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Bad smell in fairfield area	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	28/08/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Odour issues	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	28/08/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Peutrid smell in area	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	28/08/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
26/08/2015	Odour	n.a	Bad smell during the night.	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	28/08/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
31/08/2015	Odour	n.a	Smell of decaying rubbish during morning	Letter sent to complainant. No mmw or bulky waste on site.	Ongoing	31/08/2015	No odour was detected on the day in question
27/08/2015	Odour	n.a	Bad smell in the fairview area	De-Odouriser changed as it was causing an odour itself. Site being cleaned	Ongoing	31/08/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
24/08/2015	Odour	n.a	Smell of rubbish in the area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Terrible odour in the area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Terrible odour in the area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	
27/08/2015	Odour	n.a	Terrible odour in the fairhill area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	
28/08/2015	Odour	n.a	Sickening odour in the area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
24/08/2015	Odour	n.a	Bad odour in the evening	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	dreadful smell in fairhill area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
27/08/2015	Odour	n.a	Bad smell in the fairhill area	De-odourizer stopped as it was causing an odour. Shed doors closed	Ongoing	01/09/2015	A letter was sent out to residents explaining works on site and reason behind odour issues during the week.
31/08/2015	Noise	n.a	Noise from the woodchipper	Woodchipping activities starting later in the day so will not cause any noise issue	Complete	01/09/2015	
30/08/2015	Other	Flies/Birds/rat nuisance	Complainant has issues with flies and birds and rats in her garden	Site continuosly cleaned, third party checks vermin on site,site checked daily for flies and birds	Complete	09/09/2015	

Complaints and Incidents summary template					Lic No:	W0257-01	Year 2015
01/09/2015	Odour	n.a	Complainant experienced an odour similar to a bin	Site continuously cleaned. Doors kept closed.	Ongoing	09/09/2015	
02/09/2015	Odour	n.a	Complainent experiencing worse odours in fairhill area		Ongoing	09/09/2015	Complainant was contacted
09/09/2015	Odour	n.a	Complaint had experienced a bad odour in his home	Build up of waste was removed from site, site continuously cleaned and management informed	Ongoing	10/09/2015	Complainant was contacted
07/10/2015	Odour	n.a	Complained of odour over two days	Misters repaired and working. Shed doors kept closed	Ongoing	08/10/2015	Complainant was contacted
08/10/2015	Odour	n.a	complained of odour in the fairview area	Misters repaired and working. Management informed and shed doors kept closed	Ongoing	08/10/2015	complainant was contacted
21/09/2015	Odour	n.a	Bad odour experienced in the evening	Site cleaned, doors closed, minimal waste on floor	Ongoing	13/10/2015	complainant was contacted
21/09/2015	Odour	n.a	Bad odour experienced	site cleaned, doors are kept closed building works on going	Ongoing	13/10/2015	
14/09/2015	Odour	n.a	Bad odour experienced in the morning	Site cleaned, doors kept closed, odour was coming from drainage.	Ongoing	14/09/2015	
12/09/2015	Odour	n.a	Bad odour experienced	site cleaned, doors remaining closed and management informed.	Ongoing	13/10/2015	
22/09/2015	Odour	n.a	Bad odour experience inside complainants house	Assessment carried out by an engineer on the drainage within house. House did not comply with building regulations. Site continuously cleaned.	Ongoing	13/10/2015	Complainant contacted and regularly interact with complainant.
13/10/2015	Odour	n.a	Resident upwind complained of an odour	No odour was detected on two occasions. Site was clean with doors closed and little waste on floor.	Ongoing	13/10/2015	Complainant was contacted but refused to give details of odour they experienced.
12/10/2015	Odour	n.a	smell like rotten food in the area	No odour was detected. Site is being continuosly cleaned and shed doors are remaining closed.	Ongoing	15/10/2015	
24/10/2015	Other	Rat nuisance	Complainant witnessed a rat run along their fron wall.	Third part carries out monthly inspection of rat nuisances and it is also monitored in the daily checks.	Complete	24/10/2015	Complainant contacted
13/07/2015	Noise		Rock crushing' Noise was heard early morning	Builders instructed not to start work until a more sociable hour	Complete	13/07/2015	Complainant contacted and made aware of building works on site

Total complaints open at start of reporting year	20	*** All complaints still open linked to CI000768**
Total new complaints received during reporting year	40	
Total complaints closed during reporting year	4	
Balance of complaints end of reporting year	56	***Awaiting on Action item CI000768 to be closed after installation of negative air pressure system. All Complaints linked to this CI.**

Complaints and Incidents summary template Lic No: W0257-01 Year 2015

Incidents

Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2 below	No	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 reoccurence
27/08/2015	Odour	Other location (please specify here)	2. Limited	Air	Other (add details)	Cleaning of drainage in facility	Non Routine maintenance	EPA	New	Drainiage to be cleaned more often to avoid build up		Complete	27/08/2015	Low
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT

Total number of incidents current year	1
Total number of incidents previous year	4
% reduction/ increase	75%

WASTE SUMMARY	Lic No:	W0257-01	Year	2015
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES		PRTR facility logon	dropdown list click to see options	

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

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

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

Licenced annual tonnage limit for your site (total tonnes/annum)	EWC code European Waste Catalogue EWC codes	Source of waste accepted	Description of waste accepted **Please enter an accurate and detailed description - which applies to relevant EWC code** European Waste Catalogue EWC codes	Quantity of waste accepted in current reporting year (tonnes)	Quantity of waste accepted in previous reporting year (tonnes)	Reduction/ Increase over previous year +/ - %	Reason for reduction/ increase from previous reporting year	Packaging Content (%)- only applies if the waste has a packaging component	Disposal/Recovery or treatment operation carried out at your site and the description of this operation	Quantity of waste remaining on site at the end of reporting year (tonnes)	Comments -
Not Applicable	*08 04 10*	*08- WASTES FORM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS,) ADHESIVES, SEALANTS AND PRINTING INKS*	waste adhesives and seal	*9.04*	*16.67*	-46%	*Reduction in this wast*	*0%*	*D15-Storage pending any of the operati*	*0*	
53960	*200301*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Mixed Municiple Waste*	*45,583.55*	*50374.38*	-10%	*Alternative Facilities U*	*10%*	*R12-Exchange of waste for submission to*	*1700*	*14 % Send for Disposal*
22000	*200301*	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS*	*Mixed Dry Recyclables*	*21,989.48*	*21474.58*	2%	*Increased recycling ra*	*50%*	*R13-Storage of waste pending any of the*	*80*	
	200201	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	*Biodegradable Waste (Garden Waste)*	*115.04*	*204.61*	-44%	*Alternative facilities u*	*0%*	*R13-Storage of waste pending any of the*	*6*	
	150101	*15- WASTE PACKAGING; ABSORBENTS, WIPING*	*Cardboard*	*99.59*	*139.24*	-28%	*Alternative facilities u*	*100%*	*R13-Storage of waste pending any of the*	*0*	
	150107	*15- WASTE PACKAGING; ABSORBENTS, WIPING*	*Glass Packaging*	*860.24*	*2789.29*	-69%	*Alternative facilities u*	*100%*	*R13-Storage of waste pending any of the*	*50*	
	200102	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	*Glass (Plate)*	*28.18*	*48.14*	-41%	*Alternative facilities u*	*0%*	*R13-Storage of waste pending any of the*	*1*	
13000	*170904*	*17- CONSTRUCTION AND DEMOLITION WASTES*	*mixed construction and demolition wastes*	*5,773.18*	*5402.17*	7%	*Increase in C&D custo*	*10%*	*R12-Exchange of waste for submission to*	*80*	
	170107	*17- CONSTRUCTION AND DEMOLITION WASTES*	*mixtures of concrete, bricks, tiles and ceramics*	*1,001.69*	*1092.37*	-8%	*Decrease in intake fro*	*0%*	*R12-Exchange of waste for submission to*	*0*	
	200108	*20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND*	*Biodegradable Kitchen and Canreen waste*	*0.00*	*1320.07*	-100%	*Alternative facilities u*	*0%*	*R13-Storage of waste pending any of the*	*0*	*Not Accepted on Site in 2015*

WASTE SUMMARY					Lic No:	W0257-01		Year	2015		
	200110	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Clothes	6.68	12.63	-47%	Decrease in intake	0%	R13-Storage of waste pending any of the	0.001	
	170201	17- CONSTRUCTION AND DEMOLITION WASTES	Wood	115.86	93.26	24%	Increase in C&D Custo	55%	R12-Exchange of waste for submission to	0	
	160103	16- WASTES NOT OTHERWISE SPECIFIED IN THE LIST	Tyres	0.00	17.38	-100%	No Segregated Tyres	0%	R13-Storage of waste pending any of the	1	
	170504	17- CONSTRUCTION AND DEMOLITION WASTES	Soil & Stone	430.16	275.02	56%	Increase in C&D custo	0%	R13-Storage of waste pending any of the	130	
	200139	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Plastics	101.28	83.89	21%	Inrease in Custom	80%	R13-Storage of waste pending any of the	0	
	200138	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Wood	399.20	377.34	6%	Inrease in Custom	55%	R12-Exchange of waste for submission to	0	
	200307	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Bulky Waste	11,121.55	12090.72	-8%	Decrease in intake	20%	R12-Exchange of waste for submission to	97	
	200303	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND	Street Cleaning Residues	62.76	101.42	-38%	Decrease in intake	0%	R12-Exchange of waste for submission to	0	
	170802	17- CONSTRUCTION AND DEMOLITION WASTES	gypsum-based constructio	11.66	0	100%	Increase in Segregate	0%	R12-Exchange of waste for submission to	0	
	191207	19- WASTES FROM WASTE MANAGEMENT FACILITIES,	Wood (woodchips)	180.52	0	100%	Increase in Segregate	0%	R13-Storage of waste pending any of the	100	
	17 04 03	17- CONSTRUCTION AND DEMOLITION WASTES	aluminium	0.82	0	100%	Increase in Segregate	0%	R13-Storage of waste pending any of the	0	
	191212	19- WASTES FROM WASTE MANAGEMENT FACILITIES,	Other Wastes (Including mixtures of materials)	1,711.84	2081.88	-18%	Decrease in intake	0%	R12-Exchange of waste for submission to	0	

WASTE SUMMARY	Lic No:	W0257-01	Year	2015

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

4	Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite	Yes	
5	Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site	Yes	
6		Yes	
7	Does your facility have relevant nuisance controls in place?	Yes	Building works began in 2015 for the installation of a negative air pressure system as
8	Do you have an odour management system in place for your facility? If no why? Do you maintain a sludge register on site?	No	

WASTE SUMMARY Lic No: W0257-01 Year 2015

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste type

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

Table 3 General inf

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?	Accepted asbestos in reporting year	Total disposal area occupied by waste	Lined disposal area occupied by waste	Unlined area	Comments on liner type
										SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8													

Landfill Manual-Monitoring Standards

Table 4 Environme

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

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

Table 5 Capping-La

Area uncapped*	Area with temporary cap SELECT UNIT	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						

*please note this includes daily cover area

9 **Table 6 Leachate-Landfill only**

10 Is leachate from your site treated in a Waste Water Treatment Plant? SELECT

Is leachate released to surface water? If yes please complete leachate mass load information below SELECT

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

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

Table 7 Landfill Gas-Landfill only

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

Appendix 1

Pollutant Release and Transfer Register

Environmental Protection Agency

Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2015

1. FACILITY IDENTIFICATION

Parent Company Name	Country Clean Recycling Limited
Facility Name	Country Clean Recycling Limited
PRTR Identification Number	W0257
Licence Number	W0257-01

Classes of Activity

No.	**class_name**
-	Refer to PRTR class activities below

Address 1	Churchfield Industrial Estate
Address 2	John F. Connolly Rd
Address 3	
Address 4	Cork
	Cork
Country	Ireland
Coordinates of Location	-8.49308905351.91391128
River Basin District	IESW
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Flor Crowley
AER Returns Contact Email Address	flor@corkminiskips.ie
AER Returns Contact Position	EHS Manager
AER Returns Contact Telephone Number	086 026 52 75
AER Returns Contact Mobile Phone Number	086 0265275
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	0
Number of Operating Hours in Year	0
Number of Employees	170
User Feedback/Comments	Dust Emissions are lower in 2015 because some dust emissions in 2014 were in breach of the license ELVs. Total Phosphorus, Ammonia (as N), BOD and COD - Value are lower in 2015 as there was an exceedance of the ELV value in 2014 Q 3. As flowmeter did not have to be in place from the start of the licence in 2014, the flow values in 2014 were in part estimated. Hence there may be a difference in Wasteweter releases in 2015 V 2014. As flow values in 2015 were measured for the full 12 months. Comment/Feedback Dropdown meus should be searchable its very slow to have to go down through each drop d
Web Address	www.countryclean.ie

2. PRTR CLASS ACTIVITIES

Activity Number	**Activity Name**
50.1	General

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

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

4. WASTE IMPORTED/ACCEPTED 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) ?	

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

4.1 RELEASES TO AIR Link to previous years emissions data

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

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

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

SECTION B : REMAINING PRTR POLLUTANTS

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

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

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

RELEASES TO AIR					Please enter all quantities in this section in KGs							
POLLUTANT		METHOD								QUANTITY		
			Method Used		D1	D2	D3	D4	D5			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	Emission Point 2	Emission Point 3	Emission Point 4	Emission Point 5	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
210	**Dust**	M	ALT	ET2811	94.471125	183.956715	342.03	204.69	263.13	1088.27784	0.0	0.0

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

Additional Data Requested from Landfill operators

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

Landfill: Country Clean Recycling Limited

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

SECTION A : PRTR POLLUTANTS

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
18	**Cadmium and compounds (as Cd)**	M	ALT	Method 3125B AWWA/APHA, 20th Ed., 1999	0.00016	0.00016	0.0	0.0
21	Mercury and compounds (as Hg)	M	ALT	BS EN 23506:2002, (BS 6068-2.74:2002) ISBN0 580 38924 3	0.00023	0.00023	0.0	0.0
19	Chromium and compounds (as Cr)	M	ALT	Standard Methods for the examination of waters and wastewaters 16th Edition, ALPHA, Washington DC, USA. ISBN 0-87553-131-8.	0.0146	0.0146	0.0	0.0
23	Lead and compounds (as Pb)	M	ALT	Method 3125B, AWWA/APHA, 20th Ed., 1999	0.0015	0.0015	0.0	0.0
22	Nickel and compounds (as Ni)	M	ALT	Method 3125B, AWWA/APHA, 20th Ed., 1999	0.299	0.299	0.0	0.0
13	Total phosphorus	M	ALT	Standard Methods for the examination of waters and wastewaters 16th Edition, ALPHA, Washington DC, USA. ISBN 0-87553-131-8.	0.332	0.332	0.0	0.0
20	Copper and compounds (as Cu)	M	ALT	Method 3125B, AWWA/APHA, 20th Ed., 1999	0.00405	0.00405	0.0	0.0

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
			Method Used					
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	m	ALT	BS 2690: Part 7:1968 / BS 6068: Part2.11:1984	1.678	1.678	0.0	0.0
303	BOD	m	ALT	MEWAM BOD5 2nd Ed.HMSO 1988 / Method 5210B, AWWA/APHA, 20th Ed., 1999; SCA Blue Book 130	24.43	24.43	0.0	0.0
306	COD	m	ALT	ISO 6060-1989	36.539	36.539	0.0	0.0
240	Suspended Solids	m	ALT	Method 2540D, AWWA/APHA, 20th Ed., 1999 / BS 2690: Part120 1981;BS EN 872	18.88	18.88	0.0	0.0
314	Fats, Oils and Greases	m	ALT	The Determination of Hydrocarbon Oils in Waters by Solvent Extraction, Infra red Absorption and Gravimetry 1983, HMSO, London	5.064	5.064	0.0	0.0
308	Detergents (as MBAS)	m	ALT	Standard Methods for the Examination of Water and Wastewater. 20th Edition. 1998	0.279	0.279	0.0	0.0
327	Nitrate (as N)	m	ALT	EPA Methods 325.1 & 325.2,	0.088	0.088	0.0	0.0
355	Aluminium	m	ALT	Method 3125B, AWWA/APHA, 20th Ed., 1999	0.151	0.151	0.0	0.0
357	Iron	M	ALT	US EPA Method 6010B	0.533	0.533	0.0	0.0

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

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used M/C/E	Method Used	Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	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)
Within the Country	13 02 05	Yes	0.0	mineral-based non-chlorinated engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd.,W0192-03	Block 402 ,,Greenogue Buiness Park,,Rathcoole,,Co. Dublin,,Ireland	Rilta Environmental Ltd,WO192-03,Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland	Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland
Within the Country	13 05 07	Yes	40.4	oily water from oil/water separators	D9	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd.,W0192-03	Block 402 ,,Greenogue Buiness Park,,Rathcoole,,Co. Dublin,,Ireland	Rilta Environmental Ltd,WO192-03,Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland	Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland
Within the Country	15 01 01	No	55.68	paper and cardboard packaging	R13	M	Weighed	Offsite in Ireland	Cork Recycling Company,WFP-CK-09-0022-02	Lehenaghmore,Togher,Cork,,Ireland		
Within the Country	15 01 03	No	0.0	wooden packaging	R3	M	Weighed	Offsite in Ireland	CHEP Pallets Ltd ,N/A	Musgrave Supervalu/Centre CDC,Tramore Road,Cork,Cork,Ireland		
Within the Country	15 01 07	No	850.52	glass packaging	R5	M	Weighed	Offsite in Ireland	Rehab Glassco Ltd,W0279-01	Unit 4 Oberstown Ind Park,Caragh Road,Nass,Co. Kildare,Ireland		
Within the Country	15 02 02	Yes	0.0	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances	R9	M	Weighed	Offsite in Ireland	Enva Environmental Ltd,W0184-01	Clonminam Industrial Estate,,Portlaoise,Co. Laois,Ireland	Enva Environmental Ltd,W0184-01,Clonminam Industrial Estate,,Portlaoise,Co. Laois,Ireland	Clonminam Industrial Estate,,Portlaoise,Co. Laois,Ireland
Within the Country	16 01 03	No	18.16	end-of-life tyres	R5	M	Weighed	Offsite in Ireland	Crossmore Transport Ltd,WFP-CK-11-0099-02	Carrigdownane Upper,Rockmills,Kildorrery ,Co. Cork,Ireland		
Within the Country	16 05 05	No	2.06	gases in pressure containers other than those mentioned in 16 05 04	R13	M	Weighed	Offsite in Ireland	Calor Teoranta,N/A	Long Mile Toad,,Dublin 23,,Ireland		
Within the Country	17 04 11	No	20.67	cables other than those mentioned in 17 04 10	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	17 05 04	No	4754.37	soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Mallow Contracts Ltd,WFP-CK-10-0082-02	Island,Burnfort,Mallow,Co. Cork,Ireland		
Within the Country	17 05 04	No	0.0	soil and stones other than those mentioned in 17 05 03	R10	M	Weighed	Offsite in Ireland	Various Customers,N/A	Various Customers,Cork,,Cork,Ireland		
Within the Country	19 12 02	No	952.27	ferrous metal	R4	M	Weighed	Offsite in Ireland	Cork Metal Company Ltd.WFP-CK-10-0067-02	Dublin Hill,,Cork,,Ireland		
Within the Country	19 12 02	No	0.0	ferrous metal	R4	M	Weighed	Offsite in Ireland	Midland Scrap Metal Co. Ltd,WFP-TN-11-0003-02	Annagh,,Birr,Co. Tipperary,Ireland		
Within the Country	19 12 02	No	1.02	ferrous metal	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	19 12 03	No	12.34	non-ferrous metal -Aluminium	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	19 12 03	No	0.24	non-ferrous metal - Brass	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	19 12 03	No	0.48	non-ferrous metal - Copper	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	19 12 07	No	203.06	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	Eirebloc Ltd,WFP-CK-13-0127-01	Dunisky,Lissarda,Co. Cork,,Ireland		
Within the Country	19 12 07	No	19.18	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	Greenline Services ,N/A	Greenline Services ,Castletownroche,Co. Cork,,Ireland		
Within the Country	19 12 07	No	95.06	wood other than that mentioned in 19 12 06	R3	M	Weighed	Offsite in Ireland	Milltown Composting Systems Ltd .W0270-01	Milltownmore,Fethard,County Tipperary,,Ireland		
Within the Country	19 12 07	No	1597.18	wood other than that mentioned in 19 12 06	R10	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Management Facility ,Carbury ,,Co. Kildare,Ireland		
Within the Country	19 12 09	No	3842.97	minerals (for example sand, stones)	R10	M	Weighed	Offsite in Ireland	Carlow County Council ,W0025-03	Powerstown Landfill,Powerstown,,Co. Carlow ,Ireland		
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	R10	M	Weighed	Offsite in Ireland	Limerick County Council,W0017-04	Gortadroma Landfill,Gortadroma,Ballyhahil ,Co. Limerick ,Ireland		
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	Offsite in Ireland	OD Agri Ltd,WFP-TS-10-0002-04 Midland Scrap Metal Co. Ltd,WFP-TN-11-0003-02	Ballyboe,Ballypatrick,Clonmel, Co. Tipperary,Ireland Annagh,,Birr,Co. Tipperary,Ireland		
Within the Country	20 01 02	No	0.0	glass	R5	M	Weighed	Offsite in Ireland	John Gannon Concrete Ltd,WFP-WM-2009-0007-01	Split Hill Quarry,Hazlewood,Kilbeggan, Co. Westmeath,Ireland		
Within the Country	20 01 02	No	0.0	glass	R5	M	Weighed	Offsite in Ireland	Brúscar Bhearna Teoranta,W0106-01	Carrowbrowne,Headford Road,Co. Galway,,Ireland		
Within the Country	20 01 08	No	0.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland	McDonnell Farms Biogas Ltd,WFP-LK-2011-50-R2-T1	Dunmoylan,,Shanagolden,Co. Limerick,Ireland		
Within the Country	20 01 08	No	0.0	biodegradable kitchen and canteen waste	R3	M	Weighed	Offsite in Ireland				
Within the Country	20 01 11	No	9.42	Clothes	R12	M	Weighed	Offsite in Ireland	Tectile Recycling,WPR014	Glen Abbey Complex,Belgrad Road,Tallagh,Dublin 24,Ireland		
Within the Country	20 01 33	Yes	6.44	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries	D4	M	Weighed	Offsite in Ireland	Rilta Environmental Ltd.,W0192-03	Block 402 ,,Greenogue Buiness Park,,Rathcoole,,Co. Dublin,,Ireland	Rilta Environmental Ltd,WO192-03,Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland	Block 402 Grants Drive,Greenogue Buiness Park,Rathcoole,Co. Dublin,Ireland
Within the Country	20 01 36	No	0.0	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35	R4	M	Weighed	Offsite in Ireland	National Recycling Company Ltd.10/01/2015	John F. Connolly Rd,Churchfield,Cork,,Ireland		
Within the Country	20 01 38	No	390.36	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Midleton Skip Hire Ltd.WFP-CK-0052-01	Knockgriffin,,Midleton,Co. Cork,Ireland		
Within the Country	20 02 01	No	0.0	biodegradable waste	R3	M	Weighed	Offsite in Ireland	Cork City Council ,W0012-03	Kinsale Road Landfill,Inchisarsfield,Cork,Co. Cork,Ireland		
Within the Country	20 03 01	No	21831.12	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Killarney Waste Disposal Ltd,W0217-01	Aughacurreen,,Killarney,Co. Kerry,Ireland		
Within the Country	20 03 01	No	4642.5	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Management Facility ,Carbury ,,Co. Kildare,Ireland		
Within the Country	20 03 01	No	882.42	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Glanway Limited,WFP-KK-14-0002-01	Units 4 & 5 Cap Store,Belview Port,Gorteens Slieverue,Co. Kilkenny,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Limerick County Council,W0017-04	Gortadroma Landfill,Gortadroma,Ballyhahil ,Co. Limerick ,Ireland		
Within the Country	20 03 01	No	51.32	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Starrus Eco Holding Ltd (T/A Greenstar) ,W0136-03	Sarsfieldcourt Industrial Est,Sarsfieldcourt,Glanmire,Co. Cork,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R1	M	Weighed	Offsite in Ireland	Indaver Ireland,W0167-02	Carrarnstown,Dulek,,Co Meath,Ireland		
Within the Country	20 03 01	No	333.82	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	O Toole Composting Ltd,WFP-CW-10-003-01	Ballintrane,,Fenagh,Co. Carlow,Ireland		
Within the Country	20 03 01	No	3478.26	mixed municipal waste	D1	M	Weighed	Offsite in Ireland	Carlow County Council ,W0025-03	Powerstown Landfill,Powerstown,,Co. Carlow ,Ireland		
Within the Country	20 03 01	No	0.0	mixed municipal waste	R12	M	Weighed	Offsite in Ireland	Starrus Eco Holding Ltd,W0177-03	Carrignard,Six Cross Roads Buiness Parl ,Waterford City ,Co. Waterford,Ireland		
To Other Countries	20 03 01	No	34971.49	mixed municipal waste	R1	M	Weighed	Abroad	Indaver Ireland Limited (Broker),IRE/AG040/15	4th Floor Block 1 West Pier Buiness Campus,Old Dunleary Road,Dun Laoghaire,Co. Dublin,Ireland		
Within the Country	20 03 07	No	0.0	bulky waste	D13	M	Weighed	Offsite in Ireland	Midleton Skip Hire Ltd,WFP-CK-0052-01	Knockgriffin,,Midleton,Co. Cork,Ireland		
Within the Country	20 03 07	No	4474.22	bulky waste	D1	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Management Facility ,Carbury ,,Co. Kildare,Ireland		
Within the Country	20 03 07	No	0.0	bulky waste	D1	M	Weighed	Offsite in Ireland	Limerick County Council,W0017-04	Gortadroma Landfill,Gortadroma,Ballyhahil ,Co. Limerick ,Ireland		
Within the Country	20 03 07	No	4355.21	bulky waste	D1	M	Weighed	Offsite in Ireland	Carlow County Council ,W0025-03	Powerstown Landfill,Powerstown,,Co. Carlow ,Ireland		
Within the Country	15 01 07	No	28.16	glass packaging	R13	M	Weighed	Offsite in Ireland	Ashgrove Recycling,W0147-01	Churchfield Industrial Estate ,Churchfield,Cork,Cork,Ireland		
Within the Country	20 01 02	No	6.78	glass	R13	M	Weighed	Offsite in Ireland	Ashgrove Recycling,W0147-01	Churchfield Industrial Estate ,Churchfield,Cork,Cork,Ireland		
Within the Country	**20 01 38**	**No**	201.43	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Ashgrove Recycling,W0147-01	Churchfield Industrial Estate ,Churchfield,Cork,Cork,Ireland		
Within the Country	20 01 38	No	76.88	wood other than that mentioned in 20 01 37	R12	M	Weighed	Offsite in Ireland	Cork Recycling Company,WFP-CK-09-0022-02	Lehenaghmore,Togher,Cork,,Ireland		
Within the Country	20 02 01	No	64.4	biodegradable waste	R3	M	Weighed	Offsite in Ireland	CTO Environmental Solutions Ltd,WFP-CK-09-0018-01	BARRAKILLA,ROSTELLAN, Co. Cork, P25 DC85 ,Ireland		
Within the Country	19 12 09	No	140.66	minerals (for example sand, stones)	R10	M	Weighed	Offsite in Ireland	Bord Na Mona Plc,W0201-03	Drehid Waste Management Facility ,Carbury ,,Co. Kildare,Ireland		
Within the Country	19 12 04	No	5.82	plastic and rubber	R3	M	Weighed	Offsite in Ireland	MUNSTER POLYMERS LTD,WFP-CK-10-0066-02-A1	Ballinvrinsig,Waterfall ,Co. Cork,T12 Y188 ,IRELAND		
Within the Country	17 08 02	No	12.26	gypsum-based construction materials other than those mentioned in 17 08 01	R13	M	Weighed	Offsite in Ireland	Ted ODonoghue and Sons Limited,W0214-01	Knockpogue,Waterfall,Co. Cork,T12 EK11,Ireland		

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