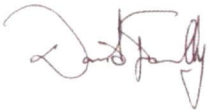


Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0279-02
Name of site	Rehab Glassco Ltd.
Site Location	Unit 4 Osberstown Industrial Estate, Caragh Road, Naas. Co. Kildare
NACE Code	3832
Class/Classes of Activity	Class D 15, Class R 4, Class R 5, Class R 12, Class R13
National Grid Reference (6E, 6 N)	E 296767, N 220379
<p>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.</p>	<p>The Rehab Glassco facility is licensed to accept 150,000tonnes per annum of recyclable material for processing. During 2015, the facility accepted 124,417tonnes of waste material for recycling. There was an upgrade to the processing equipment within the Main Plant in order to improve processing efficiency. There were 3 incidents reported to the Agency relating to Breaches of ELV's for Dust, Air and Surface Water Emissions at the facility.</p>

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.

	<u>31/03/2016</u>
Signature Group/Facility manager (or nominated, suitably qualified and experienced deputy)	Date

AIR-summary template

Lic No:

W0279-02

Year:

2015

Answer all questions and complete all tables where relevant

Additional information

- 1 Does your site have licensed air emissions? If yes please complete table A1 and A2 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table A4 and A5) you do not need to complete the tables

Yes	One Air Emission monitoring point is located at the facility, A1. Three dust monitoring locations, D1, D2 & D3.
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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

Yes	
-----	--

- 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 thereof	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
A1	Total Particulates	Bi-Annual	50mg/m3	All 30-minutes averages < 2 x ELV	45.43	mg/Nm3	no (if no please enter details in comments box)	EN13284-1:2002		Q2 - 88.02mg/m3, Q4 - 2.83mg/m3
A1	Carbon monoxide (CO)	Bi-Annual	300mg.m3	All 30-minutes averages < 2 x ELV	123.8	mg/Nm3	yes	EN15058:2006		Q2 - 185.2mg/m3, Q4 - 62.4 mg/m3
A1	Nitrogen oxides (NOx/NO2)	Bi-Annual	50mg.m3	All 30-minutes averages < 2 x ELV	10.7	mg/Nm3	yes	EN14792:2006		Q2 - 14.6mg/m3, Q4 - 6.8mg/m3
A1	Sulphur oxides (SOx/SO2)	Bi-Annual	50mg.m3	All 30-minutes averages < 2 x ELV	11.75	mg/Nm3	yes	NDIR AG2		Q2 - 17.4 mg/m3, Q4 - 6.1mg/m3
A1	Flow Rate	Bi-Annual	9500m3.hr1	All 1-hour averages < 2 x ELV	6405.5	mg/Nm3	yes			Q2 - 7961m3.hr1, Q4 - 4850m3.hr1
D1	Total Particulates	Quarterly	350mg/m2/day	Monthly average < ELV	195.5	mg/m2/day	yes	Gravimetric		Q1 - 235mg/m2/day, Q2 - 231mg/m2/day, Q3 - 206mg/m2/day, Q4 - 110mg/m2/day
D2	Total Particulates	Quarterly	350mg/m2/day	Monthly average < ELV	97.75	mg/m2/day	yes	Gravimetric		Q1 - 154mg/m2/day, Q2 - 157mg/m2/day, Q3 - 18mg/m2/day, Q4 - 62mg/m2/day
D3	Total Particulates	Quarterly	350mg/m2/day	Monthly average < ELV	305.3	mg/m2/day	no (if no please enter details in comments box)	Gravimetric		Q1 - 253mg/m2/day, Q2 - No result as sample was heavily soiled, Q3 - 45 mg/m2/day, Q4 - 618mg/m2/day

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	
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	
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	
7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below	No	

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table

[Bypass protocol](#)

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

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

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

Solvent use and management on site

8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5 No

Table A4: Solvent Management Plan Summary		Please refer to linked solvent regulations to complete table 5 and 6	
Total VOC Emission limit value		Solvent regulations	
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 thereof
			Compliance
			SELECT
			SELECT

Table A5: Solvent Mass Balance summary								
()		(O) Outputs (kg)						
Solvent	(I) Inputs (kg)	Organic solvent emission in waste	Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through	Total emission of Solvent to air (kg)
Total								

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)

Lic No:

W0279-02

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** licensed emissions you **only** need to complete table W1 and or W2 for storm water analysis and visual inspections

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

No	
Yes	No contamination observed during visual inspections.

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed 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
SW-1	onsite		BOD	07/01/2015	N/A	N/A	117	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	07/01/2015	N/A	N/A	716	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	07/01/2015	N/A	N/A	52	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	07/01/2015	N/A	N/A	0.267	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	07/01/2015	N/A	N/A	5	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	07/01/2015	N/A	N/A	951	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	07/01/2015	N/A	N/A	12	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	07/01/2015	N/A	N/A	0.061	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	15/01/2015	N/A	N/A	81	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	15/01/2015	N/A	N/A	708	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	15/01/2015	N/A	N/A	77	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	15/01/2015	N/A	N/A	0.513	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	15/01/2015	N/A	N/A	4	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	15/01/2015	N/A	N/A	940	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	15/01/2015	N/A	N/A	6	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	15/01/2015	N/A	N/A	0.025	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	20/01/2015	N/A	N/A	102	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	20/01/2015	N/A	N/A	709	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	20/01/2015	N/A	N/A	66	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	20/01/2015	N/A	N/A	0.424	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	20/01/2015	N/A	N/A	4	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	20/01/2015	N/A	N/A	942	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	20/01/2015	N/A	N/A	13	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	20/01/2015	N/A	N/A	0.037	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	28/01/2015	N/A	N/A	160	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	28/01/2015	N/A	N/A	865	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	28/01/2015	N/A	N/A	63	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	28/01/2015	N/A	N/A	0.419	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	28/01/2015	N/A	N/A	31	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	28/01/2015	N/A	N/A	1050	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	28/01/2015	N/A	N/A	6	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	28/01/2015	N/A	N/A	0.055	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	04/02/2015	N/A	N/A	49	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	04/02/2015	N/A	N/A	821	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	04/02/2015	N/A	N/A	33	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	04/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	04/02/2015	N/A	N/A	18	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	04/02/2015	N/A	N/A	836	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	04/02/2015	N/A	N/A	14	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	04/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	11/02/2015	N/A	N/A	22	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	11/02/2015	N/A	N/A	801	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	11/02/2015	N/A	N/A	22	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	11/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	11/02/2015	N/A	N/A	24	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	11/02/2015	N/A	N/A	988	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	11/02/2015	N/A	N/A	13	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	11/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		BOD	18/02/2015	N/A	N/A	181	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Conductivity	18/02/2015	N/A	N/A	463	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Suspended Solids	18/02/2015	N/A	N/A	63	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-1	onsite		Mineral oils	18/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		BOD	18/02/2015	N/A	N/A	20	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Conductivity	18/02/2015	N/A	N/A	900	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Suspended Solids	18/02/2015	N/A	N/A	17	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence
SW-2	onsite		Mineral oils	18/02/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence

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SW-1	onsite	BOD	18/11/2015	N/A	N/A	438	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	18/11/2015	N/A	N/A	866	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	18/11/2015	N/A	N/A	525	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	18/11/2015	N/A	N/A	227	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	18/11/2015	N/A	N/A	35	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	18/11/2015	N/A	N/A	766	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	18/11/2015	N/A	N/A	24	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	18/11/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	25/11/2015	N/A	N/A	151	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	25/11/2015	N/A	N/A	1341	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	25/11/2015	N/A	N/A	23	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	25/11/2015	N/A	N/A	150	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	25/11/2015	N/A	N/A	72	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	25/11/2015	N/A	N/A	1324	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	25/11/2015	N/A	N/A	66	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	25/11/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	02/12/2015	N/A	N/A	-	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	02/12/2015	N/A	N/A	-	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	02/12/2015	N/A	N/A	-	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	02/12/2015	N/A	N/A	-	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	02/12/2015	N/A	N/A	47	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	02/12/2015	N/A	N/A	655	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	02/12/2015	N/A	N/A	9	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	02/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	09/12/2015	N/A	N/A	143	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	09/12/2015	N/A	N/A	1411	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	09/12/2015	N/A	N/A	102	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	09/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	09/12/2015	N/A	N/A	79	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	09/12/2015	N/A	N/A	1144	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	09/12/2015	N/A	N/A	58	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	09/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	16/12/2015	N/A	N/A	401	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	16/12/2015	N/A	N/A	1181	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	16/12/2015	N/A	N/A	863	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	16/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	16/12/2015	N/A	N/A	47	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	16/12/2015	N/A	N/A	925	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	16/12/2015	N/A	N/A	31	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	16/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	23/12/2015	N/A	N/A	104	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	23/12/2015	N/A	N/A	961	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	23/12/2015	N/A	N/A	602	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	23/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	23/12/2015	N/A	N/A	10	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	23/12/2015	N/A	N/A	883	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	23/12/2015	N/A	N/A	18	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	23/12/2015	N/A	N/A	0.1	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	BOD	29/12/2015	N/A	N/A	7	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Conductivity	29/12/2015	N/A	N/A	984	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Suspended Solids	29/12/2015	N/A	N/A	48	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-1	onsite	Mineral oils	29/12/2015	N/A	N/A	640	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	BOD	29/12/2015	N/A	N/A	7	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Conductivity	29/12/2015	N/A	N/A	911	µS/cm @20oC	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Suspended Solids	29/12/2015	N/A	N/A	8	mg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	
SW-2	onsite	Mineral oils	29/12/2015	N/A	N/A	0.01	µg/L	no (if no please enter details in comments box)	No ELV's set within the Waste Licence	

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

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

Location Reference	Date of inspection	Description of contamination	Source of contamination	Corrective action	Comments
			SELECT		
			SELECT		

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

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

No

Additional information

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No: W0279-02	Year: 2015
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	SELECT

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)
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT		

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

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

Continuous monitoring

5 Does your site carry out continuous emissions to water/sewer monitoring?

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

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

8 Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

Table W4: Summary of average emissions -continuous monitoring

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

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

Bund testing dropdown menu click to see options

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)

- 2 Please provide integrity testing frequency period
- 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)
- 4 How many bunds are on site?
- 5 How many of these bunds have been tested within the required test schedule?
- 6 How many mobile bunds are on site?
- 7 Are the mobile bunds included in the bund test schedule?
- 8 How many of these mobile bunds have been tested within the required test schedule?
- 9 How many sumps on site are included in the integrity test schedule?
- 10 How many of these sumps are integrity tested within the test schedule?

Please list any sump integrity failures in table B1

- 11 Do all sumps and chambers have high level liquid alarms?
- 12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?
- 13 Is the Fire Water Retention Pond included in your integrity test programme?

Additional information	
Yes	Bund integrity testing is scheduled for 2016.
3 years	
Yes	
7	
0	
7	
Yes	
0	
0	
0	
No	
N/A	
N/A	

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken
	SELECT					SELECT			SELECT	SELECT		SELECT
	SELECT					SELECT			SELECT	SELECT		SELECT

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

- 14 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](#)
- 15 Are channels/transfer systems to remote containment systems tested?
- 17 Are channels/transfer systems compliant in both integrity and available volume?

Commentary	
SELECT	
SELECT	
SELECT	

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 within the integrity test period as specified**

- 2 Please provide integrity testing frequency period
- *please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)

Yes	
3 years	

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)
MH S1	Storm	concrete	No	N/A	CCTV	Yes	Fail	Concrete restricting the flow within the pipe	Remove concrete pipe and removed blockage	2018	SELECT
MH S2	Storm	concrete	No	N/A	CCTV	Yes	Pass			2018	
MH S3	Storm	concrete	No	N/A	CCTV	Yes	Pass			2018	
MH S4	Storm	concrete	No	N/A	CCTV	Yes	Pass			2018	
MH S5	Storm	concrete	No	N/A	CCTV	Yes	Pass			2018	
MH S6	Storm	polypropylene	No	N/A	CCTV	Yes	Fail	Metal rod punctured the pipe in the north west corner. Not restricting flow.	Remove metal rod and seal the punctured pipe.	2018	
MH S7	Storm	polypropylene	No	N/A	CCTV	Yes	Fail	The northern section of the pipe has collapsed about 60%. No visible reduction in flow.	Remove collapsed pipe and replace. Works will be completed once the area of operations becomes available.	2018	
MH S8	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	
MH S9	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	
MH S10	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	
MH S11	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	
MH S12	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	
MH S13	Storm	polypropylene	No	N/A	CCTV	Yes	Pass			2018	

		Comments
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	no
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 Groundwater monitoring template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	no
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	SELECT
7	Please specify the proposed time frame for the remediation strategy	SELECT
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT
9	Has any type of risk assessment been carried out for the site?	SELECT
10	Has a Conceptual Site Model been developed for the site?	SELECT
11	Have potential receptors been identified on and off site?	SELECT
12	Is there evidence that contamination is migrating offsite?	SELECT

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 interpretation as an additional section in this AER

Please enter interpretation of data here

Table 1: Upgradient Groundwater monitoring results

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

.+ where average indicates arithmetic mean
 .++ maximum concentration indicates the maximum measured concentration from all monitoring results produced during the reporting year

Table 2: Downgradient Groundwater monitoring results

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

Groundwater/Soil monitoring template

Lic No:

W0279-02

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 \(EPA 3013\)](#)

**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)

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

Groundwater/Soil monitoring template

Lic No:

W0279-02

Year:

2015

Table 3: Soil results

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

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

Environmental Liabilities template

Lic No:

W0279-02

Year:

2015

[Click here to access EPA guidance on Environmental Liabilities and Financial provision](#)

Commentary

1	ELRA initial agreement status	Required but not submitted	ELRA submitted as part of the original waste licence application however, it was not approved. The ELRA will be reviewed in accordance with the new guidelines issued by the Agency during 2016.
2	ELRA review status	Review required and not completed;	Under review.
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

Environmental Management Programme/Continuous Improvement Programme template	Lic No:	W0279-02	Year: 2015
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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	Rehab Glassco maintain an ISO 14001 accredited Environmental Management System at the facility.
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	As part of the EMS in operation, Rehab Glassco have a procedure for the Programme for Public Information

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Waste reduction/Raw material usage efficiency	Reduce the volume of waste to landfill as percentage of the input	60	Communicating to all suppliers the Rehab Glassco waste acceptance criteria. Monitoring all incoming loads for the presence of waste.	Section Head	Remediation of contamination on site
Energy Efficiency/Utility conservation	Establish baseline energy usage for the company and to agree objectives to reduce overall energy consumption	40	Carry out an energy efficiency audit at the facility. Review all monthly utility bills to ascertain where the savings can be made.	Section Head	Improved Environmental Management Practices
SELECT		SELECT		SELECT	SELECT

Noise monitoring summary report

Lic No:

W0279-02

Year:

2015

1 Was noise monitoring a licence requirement for the AER period?

Yes

If yes please fill in table N1 noise summary below

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?

Enter date

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)?
17/12/2015	30 minutes	NM-1		59.9 - 62.8	58.4 - 60.3		72.3 - 80.5	No	No	External noise sources, ie. road traffic. Not an noise sensitive location therefore ELV's do not apply.	N/A
17/12/2015	30 minutes	NM-2		51.4 - 57.8	47.8 - 55.1		69.6 - 79.5	No	No	External noise sources, ie. road traffic. Not an noise sensitive location therefore ELV's do not apply.	N/A
17/12/2015	30 minutes	NM-3		56.7 - 63.4	53.9 - 56.9		66.4 - 84.7	No	No	External noise sources, ie. road traffic. Not an noise sensitive location therefore ELV's do not apply.	N/A
17/12/2015	30 minutes		NSL-1	44.2 - 54.5	40.8 - 52.9		62.6 - 69.4	No	No	External noise sources, ie. road traffic	Yes

*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options? N/A

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0279-02

Year:

2015

- 1 When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table 3 below
- 2 Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI - Large Industry Energy Network (LIEN) programme linked to the right? If yes please list them in additional information
- 3 Where Fuel Oil is used in boilers on site is the sulphur content compliant with licence conditions? Please state percentage in additional information

Additional information

14.12.2015	
No	
N/A	

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	1405.97	1727.61	-	-
Total Energy Generated (MWHrs)	0	0	-	-
Total Renewable Energy Generated (MWHrs)	0	0	-	-
Electricity Consumption (MWHrs)	1405.97	1727.61	-	-
Fossil Fuels Consumption:	0	0	-	-
Heavy Fuel Oil (m3)	195.7	229.28	-	-
Light Fuel Oil (m3)	0	0	-	-
Natural gas (m3)	315.8	492	-	-
Coal/Solid fuel (metric tonnes)	0	0	-	-
Peat (metric tonnes)	0	0	-	-
Renewable Biomass	0	0	-	-
Renewable energy generated on site	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

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*	Water Emissions	Water Consumption	Unaccounted for Water:
					Volume Discharged back to environment(m ³ /yr):	Volume used i.e not discharged to environment e.g. released as steam m3/yr	
Groundwater	0	0	0	-	0	0	0
Surface water	0	0	0	-	17000	0	0
Public supply	4826	1148	0	-	0	0	0
Recycled water	0	0	0	-	0	0	0
Total	4826	1148	0	-	17000	0	0

* 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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	21.32	0	0	0	21.32
Non-Hazardous (Tonnes)	11.44	5.2	0	6.24	0

Resource Usage/Energy efficiency summary

Lic No:

W0279-02

Year:

2015

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
14/12/2015	Lighting Retrofit	Savings of up to 50% should be possible by replacing old fittings with more efficient and modern T5/LED equivalents	energy audit	50%	Ongoing	Management Team	-	Ongoing
14/12/2015	Energy Management System	10% saving based on typical through implementing energy management, monitoring EnPIs and staff awareness.	energy audit	10%	2017	Management Team	-	-

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

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

WASTE SUMMARY	Lic No: W0279-02	Year: 2015
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	PRTR Facility login	dropdown list click to see options

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

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility? (waste generated within your boundaries is to be captured through PRTR reporting)
 If yes please enter details in table 1 below

Additional Information	
Yes	
Yes	Contamination
Yes	XXX tonnes of Glass from MRF facilities from Northern Ireland

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

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

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

Licensed annual tonnage limit for your site (total tonnes/annum)	EWC code	Source of waste accepted	Description of waste accepted Please enter an accurate and detailed description - which applies to relevant EWC code	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
150,000	15 01 04	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Metallic Packaging	133.07	107	-4%	Increased Collections	100%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	96	
	15 01 07	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Glass Packaging	111,062	110,122	8%	Increased Collections	100%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	4800	
	17 02 02	17- CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)	Glass from C&D	54.66	0	100%	Improved waste classification	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	1	
	19 12 05	19- WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE	Glass from Mechanical Treatment	13,164.70	12,399	6%	Increased processing	100%	R5-Recycling/reclamation or other inorganic materials which includes soil cleaning resulting in recovery of the soil and recycling of inorganic construction materials	7620	
	20 03 03	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS	Waste from Street Cleaning Residues	3.52	0	100%	Cleaning activities at Bottle Bank locations	100%	R13-Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage)	0	

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

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

Yes	
-----	--

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

Yes	
-----	--

6 Does your facility have relevant nuisance controls in place?

Yes	
-----	--

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

No	Not required
----	--------------

8 Do you maintain a sludge register on site?

No	Not required
----	--------------

WASTE SUMMARY	Lic No:	W0279-02	Year:	2015
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Table 4 Environmental monitoring-landfill only [Landfill Manual Monitoring Standards](#)

Was meteorological 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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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

Table 5 Capping-Landfill only

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

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

SELECT

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

SELECT

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

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 / KWb)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
N/A	N/A	N/A	N/A	N/A

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR 2015

1. FACILITY IDENTIFICATION

Parent Company Name	REHAB GLASSCO LIMITED
Facility Name	Rehab Glassco Limited
PRTR Identification Number	W0279
Licence Number	W0279-02

Classes of Activity

No.	class_name
-	Refer to PRTR class activities below

Address 1	Unit 4 Osberstown Industrial Park
Address 2	Caragh Road
Address 3	Naas
Address 4	Co Kildare
	Kildare
Country	Ireland
Coordinates of Location	-6.55177334853.22519317
River Basin District	IEEA
NACE Code	3832
Main Economic Activity	Recovery of sorted materials
AER Returns Contact Name	Elaine Murray
AER Returns Contact Email Address	elaine.murray@rehabglassco.ie
AER Returns Contact Position	QESH Manager
AER Returns Contact Telephone Number	01-6854400
AER Returns Contact Mobile Phone Number	
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	75
User Feedback/Comments	
Web Address	

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
50.1	General
50.1	General

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

Is it applicable?	
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) ?	
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This question is only applicable if you are an IPPC or Quarry site

SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
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

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

SECTION B : REMAINING PRTR POLLUTANTS

POLLUTANT		METHOD			QUANTITY			
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

* 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)

POLLUTANT		METHOD			QUANTITY			
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
						0.0	0.0	0.0

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

Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators 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: Please enter summary data on the quantities of methane flared and / or utilised	Rehab Glasco Limited			
	T (Total) kg/Year	M/C/E	Method Code	Designation or Description
Total estimated methane generation (as per site model)	0.0			Facility Total Capacity m3 per hour
Methane flared	0.0			0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0			0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0			N/A

4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

[PRTR# : W0279 | Facility Name : Rehab Glasco Limited | Filename : W0279_2015_PRTR_Blank.xls | Return Year : 2015]

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SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this only concerns Releases from your facility

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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 WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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 WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
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
					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

4.3 RELEASES TO WASTEWATER OR SEWER

[Link to previous years emissions data](#)

| PRTR# : W0279 | Facility Name : Rehab Glassco Limited | Filename : W0279_2015_PRTR_Blank.xls

01/04/2016 11:33

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			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					0.0	0.0	0.0	0.0

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

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

OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER TREATMENT OR SEWER					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					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 A : PRTR POLLUTANTS

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

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

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

[PRTR# : W0279 | Facility Name : Rehab Glassco Limited | Filename : W0279_2015_PRRR_Blank.xls | Return Year : 2015]

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Please enter all quantities on this sheet in Tonnes

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility	Haz Waste : Address of Next Destination Facility	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)	
						M/C/E	Method Used		Non	Non Haz Waste: Address of Recover/Disposer			
Within the Country	19 12 05	No	9821.8	glass	R5	M	Weighed	Offsite in Ireland	Bord na Mona Drehid Facility,W0201-03	Killinagh Upper,..Carbury,Co. Kildare,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	
Within the Country	13 05 03	Yes	20.46	interceptor sludges	D9	M	Weighed	Offsite in Ireland	Enva Ireland,W0196-01	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	
Within the Country	19 12 04	No	62.58	plastic and rubber	R5	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd.,W0263-01	Road,..Walkinstown,Dublin 12,Ireland	Enva Ireland,W0184-01,Clonminam Road,..Portlaoise,Co. Laois,Ireland	Clonminam Road,..Portlaoise,Co. Laois,Ireland	
Within the Country	16 07 08	Yes	0.86	wastes containing oil	D9	M	Weighed	Offsite in Ireland	Enva Ireland,W0184-01	Clonminam Road,..Portlaoise,Co. Laois,Ireland	Enva Ireland,W0184-01,Clonminam Road,..Portlaoise,Co. Laois,Ireland	Clonminam Road,..Portlaoise,Co. Laois,Ireland	
Within the Country	20 01 39	No	1.44	plastics	R5	M	Weighed	Offsite in Ireland	Irish Packaging Recycling Ltd.,W0196-01	Road,..Walkinstown,Dublin 12,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	
Within the Country	19 12 03	No	7.8	non-ferrous metal	R4	M	Weighed	Offsite in Ireland	Hammond Lane Metal Company,WFP-DS-14-0012-01	Avenue,..Clondalkin,Dublin 22,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	
Within the Country	16 10 02	No	25.74	aqueous liquid wastes other than those mentioned in 16 10 01	D9	M	Weighed	Offsite in Ireland	Enva Ireland,W0196-01	Gannon Eco,WFP-WM-2014-05	Hazelwood,..Kilbeggan,Co. Westmeath,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland
Within the Country	17 02 02	No	52.48	glass other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12	R5	M	Weighed	Offsite in Ireland	Gannon Eco,WFP-WM-2014-05	Hazelwood,..Kilbeggan,Co. Westmeath,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	
Within the Country	19 12 12	No	2901.31	11	D5	M	Weighed	Offsite in Ireland	Dillon Waste and Recycling,WFP-KY-10-001-02	The Kerries,..Tralee,Co. Kerry,Ireland	Enva Ireland,W0196-01,John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	John F Kennedy Industrial Estate,..Naas Road,Dublin,Ireland	

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