Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	W0279-02
Name of site	Rehab Glassco Ltd.
Site Location	Unit 4 Osberstown Industrial Park, 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

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.

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. 2015, the facility accepted 124,417 tonnes of waste material for recycling. There was an upgrade to the processing The Rehab Glassco facility is licensed to accept 150,000tonnes per annum of recyclable material for processing. During

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.

31/03/2017

(or nominated, suitably qualified and experienced deputy)

Group/Facility manager

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

Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table WZ 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 WI and or W2 for storm water analysis and visual inspections

Was it a requirement of your licence to carry out visual inspections on any surface water 2 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	yes further No 1 and or

Table W1 Storm water monitoring

			SW-2				SW-2				SW-2				SW-2				SW-2				SW-2				SW-2				SW-2				SW-1				SW-2			SW-1				SW-2				SW-1	reference
onsite		onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	onsite	relative to site activities													
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	PRTR Parameter							
Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	вор	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Minoral Oil	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Mineral Oil	Suspended Solids	Conductivity	BOD	Licenced Parameter
09/03/2016	09/03/2016	09/03/2016	09/03/2016	02/03/2016	02/03/2016	02/03/2016	02/03/2016	24/02/2016	24/02/2016	24/02/2016	24/02/2016	17/02/2016	17/02/2016	17/02/2016	17/02/2016	10/02/2016	10/02/2016	10/02/2016	10/02/2016	03/02/2016	03/02/2016	03/02/2016	03/02/2016	29/01/2016	29/01/2016	29/01/2016	29/01/2016	20/01/2016	20/01/2016	20/01/2016	20/01/2016	20/01/2016	20/01/2016	20/01/2016	20/01/2016	13/01/2016	13/01/2016	13/01/2016	13/01/2016	13/01/2016	13/01/2016	13/01/2016	06/01/2016	06/01/2016	06/01/2016	06/01/2016	06/01/2016	06/01/2016	06/01/2016	06/01/2016	date
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	or any revision thereof*							
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Compliance criteria							
0.01	16	872	25	0.01	69	672	30	0.01	14	906	11	0.01	239	683	33	0.01	82	427	28	0.01	16	983	19	0.01	43	789	30	0.01	61	872	33	0.01	42	949	273	0.01	11	843	29	001	101	19	0.01	29	659	17	0.01	835	1006	1069	Measured value
mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	µS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/L	mg/L	μS/cm @20oC	mg/L	mg/l	mg/L	µS/cm @20oC	mg/L	mg/L	mg/L	µS/cm @20оС	mg/L	mg/L	ha/cm@ZuoC	mg/L	mg/L	mg/L	µS/cm @20oC	mg/L	mg/L	mg/L	µS/cm @20oC	mg/L	measurement
no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)		no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)			no (if no please enter details in comments box)			no (if no please enter details in comments box)	no (if no please enter details in comments box)			no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	12	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)				no (if no please enter details in comments box)				no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	no (if no please enter details in comments box)	Compliant with licence
																											Ceased discharging from SW-1 from 28/01/2016. All wastewater from this location was tankered off-site.																								Comments

	no (if no please enter details in comments box)	mg/L	ω	N/A	N/A	27/07/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	hs/cm@zuoc	323	N/A	N/N	QT07//0//7	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	1	N/A	N/A	27/07/2016	BOD	N/A	onsite	SW-1+SW-2
	no (if no please enter details in comments box)	mg/L	0.01	N/A	N/A	20/07/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	51	N/A	N/A	20/07/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	μS/cm @20oC	284	N/A	N/A	20/07/2016	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	7	N/A	N/A	20/07/2016	BOD	N/A	onsite	SW-1+SW-2
	no (if no please enter details in comments box)	mg/L	0.04	N/A	N/A	13/07/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	22	N/A	N/A	13/07/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µS/cm @20oC	445	N/A	N/A	13/07/2016	Conductivity	N/A	onsite	
13/06/2016.	no (if no please enter details in comments box)	mg/L	23	N/A	N/A	13/07/2016	BOD	N/A	onsite	SW-1+SW-2
Note: due to the installation of the WWTD there was No discharge from the facility from the 1	to have cited actails in confinence post	6/	1	1475		20/00/2020	minician on		0110100	
	no (if no please enter details in comments box)	ma/l	0.43	N/N	N/A	15/06/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments hov)	ma/l	113	N/A	N/A	15/06/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments hox)	115/cm @20oc	673	N/A	N/A	15/06/2016	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	22	N/A	N/A	15/06/2016	BOD	N/A	onsite	SW-2
	(if no please enter	mg/L	0.06	N/A	N/A	08/06/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	10	N/A	N/A	08/06/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µS/cm @20oC	465	N/A	N/A	08/06/2016	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	22	N/A	N/A	08/06/2016	BOD	N/A	onsite	SW-2
	no (If no please enter details in comments box)	mg/L	0.01	N/A	N/A	01/06/2016	Mineral Oil	N/A	onsite	
	no (If no please enter details in comments box)	mg/L	12	N/A	N/A	01/06/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µS/cm @20oC	268	N/A	N/A	01/06/2016	Conductivity	N/A	onsite	
	no (it no piease enter details in comments box)	mg/L	000	N/A	19/14	01/06/2016	BOD	N/A	onsite	7-665
		mg/L	0 -	N/A	N/A	01/06/2016	WIDE ALOI	N/A	onsite	CW2
		mg/L	044	N/A	NIA	JE /05 /2016	Minoral Oil	N/A	oneite	
		ma/1	23	N/N	N/A	25/05/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	118/cm@7000	044	N/N	N/A	25/05/2016	Conductivity	N/A	Onsite	211
		mg/L	20.00	N/N	N/A	25/05/2016	Miliciaron	N/A	Onsite	2-WS
	no (if no please enter details in comments box)	mg/L	0.00	N/A	N/A	18/05/2016	Mineral Oil	N/A	onsite	
	to (if no please enter details in comments box)	ma/1	20	N/A	N/A	18/05/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	118/cm @20cc	633	N/A	N/A	18/05/2016	Conductivity	N/A	onsite	27.
	ito (it ito prease enter details in comments box)	mg/L	41	N/N	N/A	18/05/2016	Willela On	N/A	oncies	C-/WS
	no (if no please enter details in comments hov)	mg/l	0.0%	N/A	N/A	11/05/2016	Mineral Oil	N/A	onsita	
	no (if no please enter details in comments box)	mg/L	17	N/A	N/A	11/05/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments hox)	115/cm @20oc	1075	N/A	N/A	11/05/2016	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	me/L	88	N/A	N/A	11/05/2016	BOD	N/A	onsite	SW-2
		mg/L	0.01	N/A	N/A	06/05/2016	Mineral Oil	N/A	onsite	
		mg/L	13	N/A	N/A	06/05/2016	Suspended Solids	N/A	onsite	
		µS/cm @20oC	186	N/A	N/A	06/05/2016	Conductivity	N/A	onsite	
		mg/L	ω	N/A	N/A	06/05/2016	BOD	N/A	onsite	SW-2
		mg/L	0.05	N/A	N/A	27/04/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	10	N/A	N/A	27/04/2016	Suspended Solids	N/A	onsite	
		μS/cm @20oC	1034	N/A	N/A	27/04/2016	Conductivity	N/A	onsite	
	ter	mg/L	25	N/A	N/A	2//04/2016	BOD	N/A	onsite	2-MS
	ter	mg/L	OU.U	N/A	N/A	20/04/2016	Mineral Oil	N/A	onsite	200
		mg/L	200	N/A	N/A	20/04/2016	Suspended Solids	N/A	onsite	
		µS/cm @20oC	808	N/A	N/A	20/04/2016	Conductivity	N/A	onsite	-
		mg/L	33	N/A	N/N	20/04/2016	BUU	N/M	onsite	7-445
		mg/L	80.0	N/A	N/A	15/04/2016	Mineral Uil	N/A	onsite	CMS
		mg/L	33	N/A	N/A	15/04/2016	Suspended Solids	N/A	onsite	
		μS/cm @20oC	618	N/A	N/A	15/04/2016	Conductivity	N/A	onsite	
		mg/L	of.	N/A	N/A	15/04/2016	800	N/A	onsite	SW-Z
		mg/L	0.13	N/A	N/A	08/04/2016	Mineral Oil	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	10	N/A	N/A	08/04/2016	Suspended Solids	N/A	onsite	-
		μS/cm @20oC	70/2	N/A	N/A	08/04/2016	Conductivity	N/A	onsite	
		mg/L	2/	N/A	N/A	08/04/2016	BOD	N/A	onsite	SW-2
		mg/L	10.0	N/A	N/A	30/03/2016	Mineral Oil	N/A	onsite	
		mg/L	20	N/A	N/A	30/03/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µS/cm @20oC	1047	N/A	N/A	30/03/2016	Conductivity	N/A	onsite	
		mg/L	26	N/A	N/A	30/03/2016	BOD	N/A	onsite	SW-2
		mg/L	0,01	N/A	N/A	24/03/2016	Mineral Oil	N/A	onsite	
		mg/L	92	N/A	N/A	24/03/2016	Suspended Solids	N/A	onsite	
		μ5/cm @ 20oC	988	N/A	N/A	24/03/2016	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	88	N/A	N/A	24/03/2016	BUU	N/A	onsite	2-WC
		mg/L	0.01	N/A	N/A	24/02/2016	Wineral Oil	N/A	onsite	CWS
		mg/L	23	N/A	N/A	16/03/2016	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	12/cm@200C	3370	N/A	W/A	16/03/2016	Conductivity	N/A	onsite	
	tio hi tio biegse enter dergiis in continents box)	1/8/11	19	N/N	14/27	10/00/2010	000	17/1	Olisina	2-MS
	SO THE STATE OF TH							1072	200	

its box)	no (if no please enter details in comments box)	mg/L	0.65	N/A	N/A	24/11/2016	Mineral Oil	N/A	onsite	
its box)	no (if no please enter details in comments box)	mg/L	49	N/A	N/A	24/11/2016	Suspended Solids	N/A	onsite	
ts hox)	no (if no please enter details in comments box)	115/cm @20oC	551	N/A	N/A	24/11/2016	Conductivity	N/A	onsite	
its box)	no (if no please enter details in comments box)	me/L	121	N/A	N/A	24/11/2016	BOD	N/A	onsite	SW-1+SW-2
ts box)	no (if no please enter details in comments box)	mg/L	0.01	N/A	N/A	16/11/2016	Mineral Oil	N/A	onsite	
its box)	no (if no please enter details in comments box)	µS/cm @20oC	244	N/A	N/A	16/11/2016	Conductivity	N/A	onsite	
its box)	no (if no please enter details in comments box)	mg/L	2	N/A	N/A	16/11/2016	BOD	N/A	onsite	SW-1+SW-2
its box)	no (if no please enter details in comments box)	mg/L	0.02	N/A	N/A	08/11/2106	Mineral Oil	N/A	onsite	
its box)		mg/L	8	N/A	N/A	08/11/2016	Suspended Solids	N/A	onsite	
its box)	no (if no please enter details in comments box)	µS/cm @20oC	194	N/A	N/A	08/11/2016	Conductivity	N/A	onsite	
its box)	no (if no please enter details in comments box)	mg/L	2	N/A	N/A	08/11/2016	BOD	N/A	onsite	SW-1+SW-2
its box)	no (if no please enter details in comments box)	mg/L	0.04	N/A	N/A	02/11/2016	Mineral Oil	N/A	onsite	
its box)		mø/l	12	N/A	N/A	02/11/2016	Suspended Solids	N/A	onsite	
ofs box)	no lif no please enter details in comments hoy)	115/cm @200C	295	N/A	N/A	02/11/2016	Conductivity	N/A	onsite	
its box)		mg/l	4	N/A	N/A	02/11/2016	ROD	N/N	onsite	SW-1+SW-2
its box)		mg/L	001	NI/A	N/A	26/10/2016	Minaral Oil	N/N	onsite	
- baut	no (if no please enter details in comments box)	pa/elli ereve	3	N/N	N/A	26/10/2016	Commanded Calide	N/N	Onsite	
to have	no lif no please anter detaile in commen	uS/cm @20oC	248	N/A	N/A	26/10/2016	Conductivity	N/A	Official	
its hox)		mg/l	5	N/A	N/A	26/10/2016	BOD	N/A	onsite	SW-1+SW-2
its box)		mg/L	0.06	N/A	N/A	19/10/2016	Mineral Oil	N/A	onsite	
its box)		mg/L	9	N/A	N/A	19/10/2016	Suspended Solids	N/A	onsite	
its box)	no (if no please enter details in comments box)	µS/cm @20oC	308	N/A	N/A	19/10/2016	Conductivity	N/A	onsite	
its box)	no (if no please enter details in comments box)	mg/L	5	N/A	N/A	19/10/2016	80D	N/A	onsite	SW-1+SW-2
its box)	no (if no please enter details in comments box)	mg/L	0.01	N/A	N/A	11/10/2016	Mineral Oil	N/A	onsite	
its box)	no (if no please enter details in comments box)	mg/L	4	N/A	N/A	11/10/2016	Suspended Solids	N/A	onsite	
its box)	no (if no please enter details in comments box)	μS/cm @20oC	230	N/A	N/A	11/10/2016	Conductivity	N/A	onsite	
its box)	no (if no please ent	mg/L] -	N/A	N/A	11/10/2016	BOD	N/A	onsite	SW-1+SW-2
its box)	IIO III IIO DIEGSE EIII	IIIg/L	0.01	N/M	2/2	02/10/2016	MILIELALOII	NA	onsite	1413.1413
it's box	IIO (II IIO DIEGSE EIII	1/8/III		M/M	NA	05/10/2016	spirited solids	N/A	onsite	
TO DON		m2/cm@200C	2 50	14/2	N/N	0107/01/20	Collodoctivity	N/A	Olisite	
te houl		100 mg/s	230	N/A	N/A	05/10/2016	Conductivity	N/A	Oncido	
te how		mg/i	3	N/N	N/A	05/10/2016	BOD	N/A	oneite	SW-1+SW-2
te how		mg/l	000	N/A	N/A	28/09/2016	Mineral Oil	N/A	onsite	
te hov	no (if no please en	mg/i	7	N/A	N/A	28/09/2016	Suspended Solids	N/A	onsite	
te hov	no (if no please enter details in comments hox)	115/cm@20of	300	N/A	N/A	28/09/2016	Conductivity	N/A	onsita	
its hox)		me/l	2	N/A	N/A	28/09/2016	ROD	N/A	onsite	SW-1+SW-2
nts box)		mg/L	0.01	N/A	N/A	19/09/2016	Mineral Oil	N/A	onsite	
nts box)		mg/l	9	N/A	N/A	19/09/2016	Suspended Solids	N/A	onsite	
nts box)	no (if no please enter details in comments box)	шS/cm @20oC	307	N/A	N/A	19/09/2016	Conductivity	N/A	onsite	
nts box)		mg/L	5	N/A	N/A	19/09/2016	BOD	N/A	onsite	SW-1+SW-2
nts box)		mg/L	0.01	N/A	N/A	13/09/2016	Mineral Oil	N/A	onsite	
its box)	ter	mg/L	5	N/A	N/A	13/09/2016	Suspended Solids	A/N	onsite	
nts box)		μS/cm @20oC	335	N/A	N/A	13/09/2016	Conductivity	N/A	onsite	
nts box)	no (if no please enter details in comments box)	mg/L	o	N/A	N/A	13/09/2016	BOD	N/A	onsite	SW-1+SW-2
nts box)	no (if no please enter details in comments box)	mg/L	0.05	N/A	N/A	06/09/2016	Mineral Oil	N/A	onsite	
nts box)	no (if no please enter details in comments box)	mg/L	4	N/A	N/A	06/09/2016	Suspended Solids	N/A	onsite	
nts box)	no (if no please enter details in comments box)	µS/cm @20oC	322	N/A	N/A	06/09/2016	Conductivity	N/A	onsite	
nts box)		mg/L	2	N/A	N/A	9T07/60/90	800	N/A	onsite	Z-AAC+T-AAC
its box)		1/8m	0.04	N/A	N/A	30/00/2016	Mitteral Oil	N/N	onsite	1
nts box)		, J/8m	202	N/A	N/A	30/00/2016	suspended solids	N/A	onsite	
TIS DON		m2/cm @200C	45	17/10	N/A	20/00/2010	Colladication	14/10	Ollsite	
ils box		1/8	300	N/A	N/A	30/00/2016	C. L. F.	NIN	OHSICE	7 44C.T 44C
ILS DOX		1/8/11	20.02	N/A	N/A	OTOZ/00/CZ	Milieraron	NA	Offsite	C 1813 - F 181
I COUNTY		1.69.	3 7	14/20	NI/A	02/00/00/00	Suspended Solids	arles.	STIETIO	
To box		ha/cm @2000	3 6	1/1/2	NIA	22/00/2010	Collegentrick	NIA	Olisite	
To box		2000	04R	11/2	N/A	20/00/2010	Cardina	N/A	Oilaite	2 1000 2
The state of		1.6/1	3	11/2	N/N	22/00/2016	BOD On	N/N	OHSING	C ///3* L ///3
ilis box)	io in no piedse enter details in comme	1/8/11	000	N/A	N/N	10/00/2016	control partiagence	N/N	Olisine	
to box/	no (if no please criter details in comments box)	ha/ciii @2000	7	N/A	N/A	10/00/2016	Conductivity	N/N	Siletio	
hau)	no lif no please enter details in commer	John Ways	286	N/A	N/A	18/08/2016	Canductivity	N/A	OHSIC	21001
nt- havi	no (if no please enter details in comments hox)	ma/l	2	N/A	N/A	18/08/2016	ROD	N/A	Onsite	SW-1+SW-2
nte hay)	no (if no please enter details in comments box)	mg/L	0.01	N/A	N/A	09/08/2016	Mineral Oil	N/A	onsite	
nte hov)	no (if no please enter details in common	ma/III @ 2000	27	N/A	N/A	09/08/2016	Conductivity	N/A	onsite	
nts box)	no (if no please enter details in comments box)	115/cm @200C	777	N/A	N/A	09/08/2016	Conductivity	N/A	onsite	2000
nts box)		mg/l	2	N/A	N/A	09/08/2016	ROD	N/A	onsite	SW-1+SW-2
nts box)		mg/L	000	N/A	N/N	05/08/2016	Mineral Oil	N/A	onsite	
nts box)	no (if no please enter details in comme	hs/cm@Zuoc	50/	N/A	N/A	05/08/2016	Conductivity	N/A	onsite	
nts box)	no (if no please enter details in comments box)	mg/L	0	N/A		02/00/2010		21/2	STREET	7-MC+T-MC
						91.07/XIX/50		N/A	onsite	

AER Monitor	ing returns su	ımmary template-V	AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	ER(SEWER)		Lic No:	W0279-02		Year	201
	onsite	N/A	Conductivity	29/11/2016	N/A	N/A	301	μS/cm @20oC	no (if no please enter details in comments box)	
	onsite	N/A	Suspended Solids	29/11/2016	N/A	N/A	6	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Mineral Oil	29/11/2016	N/A	N/A	0.06	mg/L	no (if no please enter details in comments box)	
SW-1+SW-2	onsite	N/A	BOD	06/12/2016	N/A	N/A	3	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Conductivity	06/12/2016	N/A	N/A	281	µS/cm @20oC	no (if no please enter details in comments box)	
	onsite	N/A	Suspended Solids	06/12/2016	N/A	N/A	2	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Mineral Oil	06/12/2016	N/A	N/A	0.02	mg/L	no (if no please enter details in comments box)	
SW-1+SW-2	onsite	N/A	BOD	13/12/2016	N/A	N/A	3	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Conductivity	13/12/2016	N/A	N/A	304	μS/cm @20oC	no (if no please enter details in comments box)	
	onsite	N/A	Suspended Solids	13/12/2016	N/A	N/A	10	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Mineral Oil	13/12/2016	N/A	N/A	0.06	mg/L	no (if no please enter details in comments box)	
SW-1+SW-2	onsite	N/A	BOD	29/12/2016	N/A	N/A	2	mg/L	no (if no please enter details in comments box)	
	onsite	N/A	Conductivity	29/12/2016	N/A	N/A	459	μS/cm @20oC	no (if no please enter details in comments box)	
	onsite	N/A	Suspended Solids	29/12/2016	N/A	N/A	10	mg/L	no (if no please enter details in comments box)	

onsite

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

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

N/A Mineral Oil 29/12/2016 N/A N/A

mg/L no (If no please enter details in comments box)

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

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

Was all monitoring carried out in accordance with EPA a guidance and checklists for Quality of Aqueous Monitoring Data Reported to the EPA? If no please detail what a reas require improvement in additional information box

External /Internal Lab Assessment of Quality checklist results checklist

Yes

Yes

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

							ameter	Note 1: Volumerir flow shall be included as a reportable parameter	etric flow shall b	Note 1: Volum
SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	
Compliant with licence	Measured value Unit of measurement	Measured value	criteria	therof Note 2	Averaging period therof Nate 2	monitoring	Type of sample	SubstanceNote 1	released to	reference no: released to
			Licence Compliance	any revision		Frequency of		Parameter/	Emission	Emission
				values in licence or						
				ELV or trigger						

Table W4: Summary of average emissions -continuous monitoring Emission	Table W4: Summary of a	8 below Table W4: Summary of a	8 below	Did abatement system bypass o	7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	Did continuous monitoring equipment experience downtime? If yes please record downtime in table 6 M4 below	If yes please summarke your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)	5 Does your site carry out continuous emissions to water/sewer monitoring?	Continuous monitoring	AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	
Parameter/ Substance SELECT	Parameter/ Substance		average emissions -c	Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	contract for each piece of	ipment experience downtir	:ontinuous monitoring data ELV)	uous emissions to water/se		summary template-	
thereof		ELV or trigger values in licence or any revision Averaging	ontinuous monitorin	ear? If yes please complete	continuous monitoring equ	ne? If yes please record do	below in Table W4 and co	wer monitoring?		WATER/WASTEWAT	
Ortice.	SELECT	Averaging Period	o q	table W5	ipment on site?	wntime in table	ompare it to its			ER(SEWER)	
55155	SELECT	Compliance		No	No	No		No			
	SELECT	Units of measurement								Lic No:	
		Annual Emission for current reporting year (kg)							Additional Information	W0279-02	
		% change +/- from Annual Emission for previous reporting current reporting year year (kg)							on		
		Monitoring Equipment downtime (hours)								Year	
		Number of ELV exceedences in reporting year									
										2016	

Table W5: Abatement system bypass reporting table

Date | Duration (hours) | Location | Resultant emissions

Reason for bypass

Was a report submitted to the EPA?

When was this report submitted?

^{*}Measures taken or proposed to reduce or limit bypass frequency

Are your required by your licence to undertake integrity reading on bunds and containment structures? If yes please fill out table 81 below licing all new bunds and containment structures on site, in addition to all bunds which failed in integrity read-all bunding structures which failed including mobile bunds must be listed in the table below, please included.				
	No Bund testing scheduled for 2017	2017		
	SELECT			
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore"	SELECT			
sype units and mode bunds; 4 How many bunds are on site?				
Are the mobile bunds included in the hund test schedule?	ICCT			
Are the monie bunds included in the bund test screedure? How many of these mobile bunds have been tested within the required test schedule?	SEEC.			
10 How many of these sumps are integrity tested within the test schedule?				
	I COT			
	SELECT			
the Fire Water Resention Fond Inducted in your Integrity test programme?	lect .			
Table B1: Summary details of bund /containment structure integrity test				
Bund/Containment Type Specify Other type Product containment Actual capacity Gapacity required* Type of integrity test	rity test Other test type	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words
SELECT SELECT		SELECT	SELECT	
		SELECT	SELECT	
or 110% containment rule as detailed in your loance I out in accordance with licence requirements and are all structures tested in	Commentary			
line with BSB007/EPA Guidance? Are channels/transfer systems to remote containment systems tested? SELECT SELECT SELECT SELECT SELECT	LECT LECT			
a volume?	LECT			
Pipeline/underground structure testing				
ng all				
Please provide integrity testing frequency period SELECT *please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)	LECT			
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 Type integrity testing maintained on site?	n site?	integrity test failure explanation Corrective action taken <50 words	Scheduled date for retest	
SELECT SELECT SELECT SELECT SELECT SELECT	SELECT			Results of retest(if in current reporting year)
				Results of retest(if in current reporting year)
				Results of retest(if in current reporting year) SELECT

	ъ		4		ω	2	Д		Ground	
(iii)	Is the contamination related to operations at the facility (either current and/or	complete the Groundwater Monitoring Guideline Template <u>Groundwater</u> Report (link in cell G8) and submit separately through ALDER as <u>monitoring</u> a licensee return AND answer questions 5-12 below. <u>template</u>	there an upward trend in results for a substance? If yes, please	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is	Do you extract groundwater for use on site? If yes please specify use in comment section	Are you required to carry out soil monitoring as part of your licence requirements?	Are you required to carry out groundwater monitoring as part of your licence requirements?		Groundwater/Soil monitoring template	
	N/A		no		no	no	no		W0279-02	
								Comments		
The state of the s	Pleace enter interpretation of data here				include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER	interpretation box below or if you require additional space please	Please provide an interpretation of groundwater monitoring data in the		Year 2016	

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	Table 1: Upgradient Groundwater n
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	er monitoring results
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10 8

Have potential receptors been identified on and off site? Is there evidence that contamination is migrating offsite?

Has a Conceptual Site Model been developed for the site?

N/A N/A N/A

Please specify the proposed time frame for the remediation strategy Is there a licence condition to carry out/update ELRA for the site? Has any type of risk assesment been carried out for the site?

remediation strategies proposed/undertaken for the site

Have actions been taken to address contamination issues? If yes please summarise

N/A

σ

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

^{.+} where average indicates arithmetic mean

Table 2: Downgradient Groundwater monitoring results

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

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

Groundwater/Soil monitoring template Lic No: W0279-02	Year 2016	
*please note exceedance of generic assessment criteria (GAC) such as a Groundwater Threshold Value (GTV) or an Interim Guideline Value (IGV) or an upward trend in results for a substance indicates that further interpretation of monitoring results is required. In addition to completing the above table, please complete the Groundwater Monitoring Guideline Template Report at the link provided and submit separately through ALDER as a licensee return or as otherwise instructed by the EPA.	I 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 Guidance on the Wanagement of Contaminated Land and Groundwater (see the link in G31)	roundwater 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 adrinking water to the GTV e.g. 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

rounav	Groundwater/Soil monitoring template	ionitoring t	emplate		Lic No:	W0279-02		Year	2016
able 3:	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:	W02/9-02
Click here to access EPA guidance on Environmental Liabilities and Financial provision		
		Commentary
		ELRA submitted as part of the original waste licence
ELRA initial agreement status	Submitted and not agreed by EPA;	application. ELRA is required to be reviewed in line with
		the relevant guidance.
EIRA review status	Review required and not completed:	The ELRA will be reviewed as part of the upcoming waste
רבוא ובעובש אנמנט	neview l'equilled alla libr collipleted,	licence review application.
Amount of Financial Provision cover required as determined by the latest ELRA	Specify	
Financial Provision for ELRA status	Submitted and not agreed by EPA;	
Financial Provision for ELRA - amount of cover	Specify	
Financial Provision for ELRA - type	Public Liability Insurance with Environmental Impairment Liability cover,	
Financial provision for ELRA expiry date	Enter expiry date	
Closure plan initial agreement status	Closure plan submitted and not agreed by EPA	
Closure plan review status	Review required and not completed	
Financial Provision for Closure status	SELECT	
Financial Provision for Closure - amount of cover	Specify	
	SELECT	
Financial Provision for Closure - type		

- 1	_

Environmental Management Programme (EMP) report	EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Responsibility Intermediate outcomes
Additional improvements	Complete update road traffic survey	50	Comissioned Atkins to manage this project on behalf of Glassco Recycling	Individual	Evaluate truck movements to and from the facility
Reduction of emissions to Water	Installation of Attenuation Pond & Waste Water Treatment Plant	90	Installation of the attenuation pond was completed in April 2016. Glassco Recycling was granted planning permission for the installation of a WWTP on-site to treat surface waters generated at the facility. Installation of the WWTP commenced in July 2016 and the system is currently in comissioning phase.	Section Head	Reduced emissions
Reduction of emissions to Air	Dust reduction	On-Going	Increased dust suppression. Alterations made to site operations to reduce dust generation	Opeartions	Increased compliance with licence conditions
Energy Efficiency/Utility conservation	Use of Energy Efficient Lighting	06	ittings with LED	Section Head	Reduced Energy Costs
Energy Efficiency/Utility conservation	Set-Up Energy Team	90	Establish Energy Team with a representative from each department.	Individual	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Reduce the amount of waste contamination at collection sites	20	Liaising with Local Authorities with a view to reducing the amount of waste collected at bring bank site locations.	Section Head	Improved Environmental Management Practices
Waste reduction/Raw material usage efficiency	Issue all customers with incoming glass specification	20	Issue all customers with the incoming glass specification with a view to reducing the amount of contamination in incoming glass/cans.	Section Head	Improved Environmental Management Practices
	Routing Software	0	Introduction of truck routing software to maximise truck routing efficiency to reduce fuel usage	Section Head	Reduced emissions
Energy Efficiency/Utility conservation		90	Drying Plant - installation of new cyclone system to	Individual	Reduced emissions

Was noise monitoring a licence requirement for the AER period? If yes please fill in table N1 noise summary below

Was noise monitoring carried out using the EPA Guidance note, including completion Noise Guidar

of the "Checklist for noise measurement report" included in the guidance note as note

Does your site have a noise reduction plan

When was the noise reduction plan last updated?

4

5 since the last noise survey? Have there been changes relevant to site noise emissions (e.g. plant or operational changes)

			nce	
No	Enter date	No	Yes	

Table N1: No	Table N1: Noise monitoring summary	summary									
Date of		Noise	Noise sensitive					Tonal or Impulsive	If tonal /impulsive noise was identified	Comments (ex. main noise	Is <u>site</u> compliant with noise limits
monitoring	Time period	(on site)	(if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	noise* (Y/N)		noise ex. road traffic)	
				- Andrews						External noise sources, ie. road	
10/08/2016	30-minutes	NM1		59-66	53-62	ı	76-84	No	No	traffic. This is not a noise	N/A
										senstive location	
					-					External noise sources, ie. road	
10/08/2016	30-minutes	NM2		50-55	44-49	ı	66-73	No	No	traffic. This is not a noise	N/A
										senstive location	
					alaman annan					External noise sources, ie. road	
10/08/2016	30-minutes	NM2		48-53	43-48	1	76-78	No	No	traffic. This is not a noise	N/A
										senstive location	
										External noise sources road	
10/08/2016	30-minutes		NSL	41-45	40-43	1	55-64	No	No	traffic was noted during this	Yes
										monitoring round	

^{*}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

Additional information

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

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

Network (LIEN) Industry Energy SEAI - Large

14.12.2015 No No

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

ω

Natural gas (m3)
ric tonnes)
ic tonnes)
Site del On (mo)
light Fire Oil (m3)
Heavy Fuel Oil (m3) 229.28
Fossil Fuels Consumption:
Electricity Consumption (MWHrs) 1724.61
Total Renewable Energy Generated (MWHrs) 0
Total Energy Generated (MWHrs) 0
Total Energy Used (MWHrs) 1724.61
Energy Use Previous year Current year
Table R1 Energy usage on site
e on site

ed 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	site				Water Emissions	Water Consumption	
	Water extracted	Water extracted	Production +/-% Energy compared to Consumption previous reporting vs overall site	Energy Consumption +/- % vs overall site	Energy Consumption +/- % Volume Discharged vs overall site back to	Volume used i.e not discharged to environment e.g. released as steam	
Groundwater	0	0	0	0			
Surface water	0	0	0	0			
Public supply	1148	1322		15%			
Recycled water	0	0	0	0			
Total	1148	1322					
* where conclumntion of water can be compared to everall cite production place enter this information or promotes increase a decrease compared to the section of water can be considered to the section of the section of water can be considered to the section of the	to overall cite production	place anter this infor	mation of porcentage	المحمدة مع المحمدة	company to the area	and the service of th	

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

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

Table R3 Waste Stream Summar	mary				
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					
					The second second second second second

Resource Usage/Energy efficiency summary	Table R4: Energy Audit finding recommendations	Date of audit Recommendations			Summing to the principal state of the power selection in a sum of the power selection in the principal selection in the power selection i	Unit ID	Technology	Primary Fuel	Thermal Efficiency	The state of the s	Unit Date of Commission	Unit Date of Commission Total Starts for year	Unit Date of Commission Total Starts for year Total Running Time	Unit Date of Commission Total Starts for year Total Running Time Total Electricity Generated (GWH)	Unit Date of Commission Total Starts for year Total Running Time Total Electricity Generated (GWH) House Load (GWH)	Unit Date of Commission Total Starts for year Total Running Time Total Electricity Generated (GWH) House Load (GWH) KWH per Litre of Process Water
	idations				5. power Series action racinities,	Unit ID										
		Description of Predicted Measures proposed Origin of measures savings %	SELECT	SELECT	lood and drilly made	Unit ID										
Lic No:		Predicted energy savings %			//picase complete th	Unit ID				The second secon						
W0279-02		Implementation date Responsibility			e loudwing milot marion	Station Total										
		Responsibility			•											
Year		Completion date														
2016		Status and comments														

Additional information Additional informat	Total number of incidents current year	A STATE OF THE PERSON NAMED OF THE PERSON NAME					Date of occurrence	Table 2 Incidents summary	Have any incidents occurred o *For information on how t		Balance of complaints end of reporting year	year	Total complaints closed during reporting	Total new complaints received during	year	Total complaints open at start of reporting					5 400	Date	Table	Have you received any environ			Complaints and Incidents summary template
Additional information Corrective actions 20		SELECT	SELECT	SELECT	SELECT	SELECT	Incident nature		n site in the current reporting year? Plo o report and what constitutes an incide		orting year	c	porting	uring			SELECT	SELECT	SELECT	SELECT	CELECT	Catagory	Table 1 Complaints summary	mental complaints in the current repor received on site in			summary template
Additional information Corrective actions 20 Resolution status Resolution date information words SELECT SEL	SELEC!	SELECT	SELECT	SELECT	SELECT	SELECT	Location of occurrence		nt What is an incident	Incidents											Onlei type (please specii	Othor top (along a population)		ting year? If yes please complete su table 1 below		Complaints	
Additional information Corrective actions 20 Corrective actions 20 Resolution status Resolution date information SSIECT Additional information Further progress at time action action (ause of incident specify) SIECT SSIECT SSIECT Cause of incident specify) SIECT SSIECT SSIECT	pereci	SELECT	SELECT	SELECT	SELECT	SELECT	Incident category*pleas		orting year in Table 2 below												- 1			mmary details of complaint			
Further Further Information Further	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT															Words						
Further	SELECT	TOBIES	SELECT	SELECT	SELECT				Additional informa								SELECT	SELECT	SELECT	SELECT	DESCRIPTION STATUS				Additional inform		Lic No:
in sation Preventative Preventat							Other cause(please specify)														vesolution date			L	ation		W0279-02
Corrective action<20	SELECT	CELECT	SELECT	SELECT	SELECT	SELECT	Activity in progress at time of incident														miormation	Further					
Corrective action<20 Resolution status Words Words Resolution status SELECT SELECT SELECT SELECT SELECT SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	Communication									L					1		J				Year
Preventative action<20 action 20 words SELECT SELECT SELECT SELECT	SELECT	CELECT	SELECT	SELECT	SELECT	SELECT	Occurrence																				2016
Ae Resolution status RELECT SELECT SELECT SELECT SELECT							Corrective action<20 words																				6
on status																											
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	Resolution status dat																			ı	
ion Ukelihood of reoccurence SELECT SELECT SELECT	SELE	2011	SELE	SELE	SELE		ution																				

AY	Lic No:	W0279-02	Year	2016
ON SITE WASTE TREATMENT AND WASTE TRANSFER	TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	DPTP facility logon	drondown list of	lick to see ontions

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 gene to be captured through PRTR reporting)

No

If yes please enter details in table 1 below

2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information

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

Yes No 9722.22tonnes accepted on-site of 15 01 07 and 19 12 05

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)

									COLLECTED HOLCHON		
	30	R13-Storage of wasse pending any of the operations numbered R1 to R12 (excluding temporary storage)	100%	Cleaning activities at bottle banks collection locations		3.52	5.53	Street Cleaning Residues (Clean up material from CA Sites)	20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMULAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED EACTHONS	20 03 03	
	13260	R5-Recycling/reclamation or other inorganic materials which includes soil relating resuling in recovery of the soil and recovery of the soil and construction materials	100%	Increased processing		13164.7	9673	Glass from Mechanical Treatment	19- WASTES FROM WASTE MANAGEMENT FACULITES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREMARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR NUDUSTRIAL USE	1912.05	
	4297	R5-Recycling/reclamation or other inorganic materials which includes soil ediaring resulting in increases of the soil and recycling of inorganic construction materials	100%	Increased collections		111062	116941	Glass Packaging	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	150107	
	96	R4- Recycling/reclamation of metals and metal compounds	100%	Increased collections		133.07	52.76	Metalic Packaging	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	150104	150,000
	remaining on site at the end of reporting year (tonnes)	at your site and the description of this operation	waste has a packaging component	from previous reporting year	previous year +/ - %	9	reporting year (tonnes)	Please enter an accurate and detailed description - which applies to relevant EWC code <u>European Waste</u> <u>Catalogue EWC codes</u>		European Waste Catalogue EWC codes	site (total tonnes/annum)
Comments -	Quantity of		7		Reduction/	Quantity of waste accepted in previous reporting year (fonnes)	Quantity of waste	Description of waste	Source of waste accepted	EWC code	Licenced annual tonnage limit for your
		THE WOLLS	to seem reported in your rather worksoon,		(a) ao ai coo	Contract of the Party of the Pa			1//	, , , , , , , , , , , , , , , , , , , ,	

SECTION C-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer

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

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

Does your facility have relevant nuisance controls in place?

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

Yes	Yes

N/A

		Area ID Date landfill	Table 3 General information-Landfill only		Waste types permitted Authorised/licenc disposal dispo	Table 2 Waste type and tonnage-landfill only	SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY	Do you maintain a sludge register on site?	WASTE SUMMARY
		Date landfilling commenced	Ifill only		Authorised/licenced annual intake for disposal (fpa)	landfill only	LANDFILL SITES OF		
		Date landfilling ceased			Actual intake for disposal in reporting year (tpa)		MLY		
		Currently landfilling			Remaining licensed capacity at end of reporting year (m3)				
		Private or Public Operated			Comments				
		Inert or non-hazardous						remo.	lic No:
		Predicted date to cease landfilling						N/A	W/0220702
		Licence permits ashestos							
		Is there a separate cell for asbestos?						redi	Von
		Accepted asbestos in reporting						0107	2016
	SELECT UNIT SELECT UNIT	Total disposal Lined disposal area occupied by area occupied b waste							
		- S							
	SELECT UNIT	Unlined area							
1		Comments on liner type							

WASTE SUMMARY					Lic No:	W0279-02	
able 4 Environmer	Table 4 Environmental monitoring-landfill only	Landfill Manual-Monitoring Standards	andards				
Was meterological							Harden de la constant
monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD compliance with LD standard in standard in reporting year year	Was SW monitored in compliance with LD n standard in reporting year	Have GW trigger levels been established	Have GW trigger levels Were emission limit values agreed with been established the Agency (ELVs)	Was topography of the site ith surveyed in reporting year	Has the statement under SS3(A)(5) of WMA been submitted in reporting year
.+ please refer to Landfill Manual linke Table 5 Capping-Landfill only	 please refer to Landfill Manual linked above for relevant Landfill Directive monitoring standards Table 5 Capping-Landfill only 	Directive monitoring standards					
Area uncapped* /	Area with temporary cap SELECT UNIT	Area with final cap to LD	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments	
*please note this includes daily cover area Table 6 Leachate-Landfill only	daily cover area	Stallual u IIIZ IIa, a				+	
leachate released to sur	ndfill only						
Volume of leachate in reporting year(m3)	Table 6 Leachate-Landfill only Is leachate from your site treated in a Waste Water Treatment Plant? Is leachate released to surface water? If yes please complete leachate mass load information below	t? ate mass load information belo				SEL	
	andfill only treated in a Waste Vater Treatment Pla urface water? If yes please complete lead to the complete lead Leachate (BOD) mass load (bg/annum)	t? Remain load information belo ate mass load information belo ate mass load information belo (COP) mass load (Refrancian)	Let	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	SEL SEL	Comments
	ndfill only reated in a Waste Water Treatment Pla face water? If yes please complete lead eachate (BOD) mass load (kg/annum)	2) Replace to the control of the co	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	SEE SEE SEE	Comments
Please ensure Table 7 Landfill Gas-Landfill only	ndfill only rested in a Waste Water Treatment Plant? face water? If yes please complete leachate mass load information below Leachate (ROD) mass load (kg/annum) Leachate (COD) mass load (kg/annum) Leachate (COD) mass load (kg/annum) Leachate (COD) mass load (kg/annum) Leachate (Chloride) Mass load (kg/annum) Leachate (Chloride) Leachate (Chloride)	oteed in the landfill gas section	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load Agrianum fili Gas Survey submitted ir	Leachate treatment on-site	SEL SEL SEL	Comments
Table 7 Landfill Gas-	ndfill only reated in a Waste Water Treatment Pla face water? If yes please complete lead eachate (BOD) mass load (lag/annum) Please ensure that all information re Landfill only	Standard W.Z. Ht., a ate mass load information below Leachate (COD) mass load (leg/annum) orted in the landfill gas section is	Leachate (NH4) mass load (kg/annum) sconsistent with the land sconsistent with the land a monitoring performed during the reporting	Leachate (Chloride) mass load kg/mnum fill Gas Survey submitted it	Leachate treatment on-site conjunction with PRTR returns	SEE SEE	Comments



| PRTR# : W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FINAL.xls | Return Year : 2016 |

Guidance to completing the PRTR workbook

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR 2016

1. FACILITY IDENTIFICATION

Parent Company Name	GLASSCO RECYCLING LIMITED
Facility Name	Glassco Recycling Limited
PRTR Identification Number	W0279
Licence Number	W0279-02

Classes of Activity

Classes of Activity	y
No.	o. class_name
	- Refer to PRTR class activities below

Address 1	Unit 4 Osberstown Industrial Park
Address 2	Caragh Road
Address 3	
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	Unit 4 Osberstown Industrial Park, Caragh Road, Naas, Co. Kildare
AER Returns Contact Position	QESH Manager
AER Returns Contact Telephone Number	
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	0.0
Production Volume Units	
Number of Installations	
Number of Operating Hours in Year	0
Number of Employees	80
User Feedback/Comments	
Web Address	www.glassco.ie

2. PRTR CLASS ACTIVITIES

Activity Number	Activity Name
	General
50.1	General

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

20021110110 (011110101010 0120	02)
ls 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

Sheet: Facility ID Activities AER Returns Workbook 31/3/2017 15:21

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

4.1 RELEASES TO AIR

Sheet: Releases to Air

Link to previous years emissions data

| PRTR#: W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FINAL.xis | Return Year : 2016 |

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SECTION A: SECTOR SPECIFIC PRTR POLLUTANTS

	RELEASES TO AIR		at.	Please enter all quantiti	lease enter all quantities in this section in KGs		
POLLUTANT	TANT	2	МЕТНОВ			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	(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

STNATILLING BRITE POLLLITANTS

Please enter all quantities in this section in KGs Please enter all quantities in this section in this section in the please enter all quantities enter all quantities in the please enter all quantities in the please enter all quantities in the please enter all quantities enter all qu						
MC/F Method Code Designation or Description Emission Point 1	RELEASES TO AIR		Please enter all quantities	s in this section in KGs		
Method Code Description Emission Point 1	NLUTANT	METHOD			QUANTITY	
Name M/C/E Method Code Designation or Description Emission Point 1		Method Used				
			Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year	F (Fugitive) KG/Year
0.0			0.0	0	0.0	0.0

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

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

	KELEASES 10 AIK			lease enter all quantitie	ies in this section in KGs		
POL	OLLUTANT	M	METHOD			QUANTITY	
			Method Used				
Pollutant No.	Name	M/C/E Method Code	Designation or Description	Emission Point 1	Emission Point 1 T (Total) KG/Year	A (Accidental) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year
				0	0.0	0.0 0.0	0.0

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

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 landfull gas (Methane) Hared or tutlisted 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) KGlyr for Section A. Sector specific PRTR pollutants above. Please complete the table below:

	Landfill:	Glassco Recycling Limited			
	Please enter summary data on the quantities of methane flared and / or utilised			Meth	Method Used
					Designation or
-		T (Total) kg/Year	M/C/E	Method Code	Description
-	Total estimated methane generation (as per				
_	(labout site model)	00	_		

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

0.0 (Total Flaring Capacity)
0.0 (Total Utilising Capacity)

acity m3

4.2 RELEASES TO WATERS

Link to previous years emissions data

| PRTR#: W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FINAL.xis | Return Year : 2016 |

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ECTION A: SECTOR SPECIFIC PRTR POLLUTANT	LLUTANTS	Data on	mbient monitoring of storm/surface water or groundwa	ater, conducted as part of your lice	ence requirements, should	NOT be submitted under AER / PRTR	/ PRTR Reporting as this on
	RELEASES TO WATERS			Please enter all quantities in this section in KGs	in this section in KG	S	
P(OLLUTANT					QUANTITY	
			Method Used				
No. Annex II	Name	M/C/E	M/C/E Method Code Designation or Description Emission Point 1	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year	F (Fugitive) KG/Year

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

SECTION B: REMAINING PRTR POLLUTANTS

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

* 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 voltr1 icence)

	RELEASES TO WATERS			Please enter all quantities in this section in KGs	in this section in KG:	S	
POLL	OLLUTANT					QUANTITY	
			Method Used				
Pollutant No.	Name	M/C/E	Method Code Designation or Description Emission Point 1	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) 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

4.3 RELEASES TO WASTEWATER OR SEWER

Link to previous years emissions data

| PRTR#: W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FI

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	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WATER	R TREATMENT OR SEWER	Please enter all quantities in this section in KGs
	POLLUTANT	METHOD	QUANTITY
		Method Used	
mex II	Name	Method Code Designation or Description Emission Point	Emission Point 1 T (Total) KG/year A (Accidental) KG/year F (Funitive) KG/year

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

SECTION B: REMAINING POLLUTA	SECTION B : REMAINING POLLUTANT EMISSIONS (as required in your Licence)					
OFFSIT	OFFSITE TRANSFER OF POLLUTANTS DESTINED FOR WASTE-WAT	TER TREATMENT OR SEWER	Please enter all quantitie	Please enter all quantities in this section in KGs		
	POLLUTANT	METHOD			QUANTITY	
		Method Used				
Pollutant No.	Name	I/C/E Method Code Designation or Descrip	Designation or Description Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year F (Fugitive) KG/Year	F (Fugitive) KG/Year
			0	0.0	0.0	0.0

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

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4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR#: W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FINAL.xis | Return Year : 2016 |

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	RELEASES TO LAND			Please enter all quant	Please enter all quantities in this section in KGs	S
	POLLUTANT		METHOD			QUANTITY
			Method Used			
o. Annex II	Name	C/E Wethod Code	Designation or Description Emission Point 1	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	00 00

* 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 quant	lease enter all quantities in this section in KGs	
	POLLUTANT		METHOD			QUANTITY
			Method Used			
ollutant No.	Name	I/C/E Wethod (Code Designation or Description Emission Point 1	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

Sheet: Releases to Land

4.4 RELEASES TO LAND

Link to previous years emissions data

| PRTR#: W0279 | Facility Name : Glassco Recycling Limited | Filename : Copy of W0279_2016_FINAL.xis | Return Year : 2016 |

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* 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 qua	lease enter all quantities in this section in KGs	60
	POLLUTANT		METHOD			QUANTITY
			Method Used			
Pollutant No.	Name	M/C/E Met	sthed Code Designation or Desc	Designation or Description Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year
					0.0	00

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

Page 1 of 1

Sheet: Treatment Transfers of Waste

Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)		John F Kennedy Industrial Estate,Naas	Road, Dublin, Ireland												
Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)		as	Road, Dublin, Ireland F												
Haz Waste : Address of Next Destination Facility Non Haz Waste. Address of Recover/Disposer		John F Kennedy Industrial Estate,.,Naas		Kildare, U, Ireland Fergerstown, Navan , Co. Meath, O, Ireland	Crag - Avenue,.,Clondalkin,Dublin 22,Ireland		Kilinagn Upper,.,Carbury,Co. Kildare,Ireland		Kerry, Ireland Ballymount Road Walkinstown Dublin	12, Ireland	Business Park, Portlaoise Co. Laois, 0, Ireland	Killinagh Upper,Carbury,Co. Kildare,Ireland	Killinagh Upper,,,Carbury,Co. Kildare,Ireland		Townspark, Mountmellick, Co. Laois, 0, Ireland
Haz Waste : Name and Licence/Permit No of Next Destination Facility Haz Waste, Name and Licence/Permit No of Recover/Disposer			Enva Ireland,W0196-01 Osberstown WWTP,D0002-		Hammond Lane Metal Company,WFP-DS-14-0012- 01	Quality Recycling Ltd., WFP- TS-12-0002-04	Bord na Mona Drehid Facility, W0201-03	Dillon Waste and Recycling, WFP-KY-10-001-	UZ Irish Packaging Recycling	Ltd.,W0196-01	Agnail Ltd.,0	Bord na Mona Drehid Facility,W0201-03	Bord na Mona Drehid Facility,W0201-03	Indaver Irelan dLtd.,W0167- 03	Hinch Plant Hire Ltd.,0
	Location of Treatment		Offsite in Ireland	Offsite in Ireland	Offsite in Ireland	Offsite in Ireland	Offsite in Ireland		Offsite in Ireland	Offsite in Ireland	Offsite in Ireland Agnail Ltd.,0	Offsite in Ireland	Offsite in Ireland	Offsite in Ireland	Offsite in Ireland
Method Used	Method Used		Weighed	Weighed	Weighed	Weighed	Weighed		weigned	Weighed	Weighed	Weighed	Weighed	Weighed	Weighed
	Waste Treatment Operation M/C/E		Σ 2	E E	Σ	Σ	Σ	:	ž.	M	Σ	Σ	Σ	Σ	Σ
	Wighton of Waste Open		Interceptor sludges aqueous liquid wastes other than those mentioned in 16 10 04	other than those	al R4	er R5	R5	other wastes (including mixtures or materials) from mechanical treatment of wastes other than those mentioned in 19 12	67	RS	combustible waste (refuse derived fuel) R1 other wastes (including mixtures of	materials) from mechanical treatment of wastes other than those mentioned in 19 12	outer wastes (including inxures or inmaterials) from mechanical treatment of wastes other than those mentioned in 19 12 11	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	soil and stones other than those mentioned in 17 05 03
Quantity (Tonnes per Year)	Desc		34.2 interceptor sludges aqueous liquid wastes 524.6 mentioned in 16.10.01	aqueous liquid wastes 257.96 mentioned in 16 10 01	18.42 non-ferrous metal	26.32 plastic and rubber	7755.76 glass	materials) from n wastes other tha	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	46.83 plastics	48.58 combustible waste (refuse derived fuel) other wastes (including mixtures of	materials) from m wastes other than 30.88 11	materials) from m wastes other than 383.24 11	other wastes (inc materials) from m wastes other than 390.7 11	soil and stones of 482.78 in 17 05 03
Que (Tonr	Hazardous		Yes	0	N _O	No.	No 7	3		No O	No	<u>8</u>	° Z	ON.	No
	European Waste Code		13 05 03	16 10 02	19 12 03	19 12 04	19 12 05	07	5	20 01 39	19 12 10	19 12 12	19 12 12	19 12 12	17 05 04
	Transfer Destination		Within the Country Within the Country		Within the Country 1	Within the Country 1	Within the Country 1	Mithin the Country		Within the Country 2	Within the Country 1	Within the Country 1	Within the Country 1	Within the Country 13	Within the Country 1

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