

Facility Information Summary

AER Reporting Year	2017
Licence Register Number	W0279-02
Name of site	Glassco Recycling 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 R 13
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.**

Glassco Recycling Ltd. is licenced to accept 150,000 tonnes per annum of recyclable materials. During 2017, the facility accepted 126,205 tonnes of recyclable material for recycling. There were 2 incidents of breaches of ELV's for Dust during 2017 due to organic content from nearby vegetation. Both were reported to the EPA.

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.

 Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	28/03/2017 Date
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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 still need to complete table W1 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 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	

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTs Parameter	Licensed Parameter	Monitoring date	EIV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SW1 + SW2	on-site	N/A	BOD	03/01/2017	N/A	N/A	6	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	03/01/2017	N/A	N/A	289	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	03/01/2017	N/A	N/A	4	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	03/01/2017	N/A	N/A	0.102	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	13/01/2017	N/A	N/A	6	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	13/01/2017	N/A	N/A	380	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Mineral oils	13/01/2017	N/A	N/A	1	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	BOD	13/01/2017	N/A	N/A	0.03	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Conductivity	17/01/2017	N/A	N/A	2	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Suspended Solids	17/01/2017	N/A	N/A	323	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Mineral oils	17/01/2017	N/A	N/A	0.02	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	BOD	17/01/2017	N/A	N/A	11	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	24/01/2017	N/A	N/A	228	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	24/01/2017	N/A	N/A	1	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	24/01/2017	N/A	N/A	0.02	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	24/01/2017	N/A	N/A	3	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	31/01/2017	N/A	N/A	214	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	31/01/2017	N/A	N/A	4	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	31/01/2017	N/A	N/A	0.01	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	31/01/2017	N/A	N/A	306	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Mineral oils	17/02/2017	N/A	N/A	0.13	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	BOD	17/02/2017	N/A	N/A	1	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	17/02/2017	N/A	N/A	300	µS/cm @20°C	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	17/02/2017	N/A	N/A	2	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	24/02/2017	N/A	N/A	0.04	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	24/02/2017	N/A	N/A	11	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	24/02/2017	N/A	N/A	433	µS/cm @20°C	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	24/02/2017	N/A	N/A	11	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	03/03/2017	N/A	N/A	0.16	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	03/03/2017	N/A	N/A	12	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	03/03/2017	N/A	N/A	486	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	03/03/2017	N/A	N/A	13	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	03/03/2017	N/A	N/A	0.22	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	03/03/2017	N/A	N/A	406	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	10/03/2017	N/A	N/A	11	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	10/03/2017	N/A	N/A	8	µS/cm @20°C	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	16/03/2017	N/A	N/A	0.04	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	16/03/2017	N/A	N/A	29	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	16/03/2017	N/A	N/A	484	µS/cm @20°C	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	16/03/2017	N/A	N/A	12	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	24/03/2017	N/A	N/A	0.16	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	24/03/2017	N/A	N/A	7	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	24/03/2017	N/A	N/A	319	µS/cm @20°C	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	24/03/2017	N/A	N/A	5	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	31/03/2017	N/A	N/A	0.02	mg/L	no (if no please enter details in comments box)	
	on-site	N/A	Conductivity	31/03/2017	N/A	N/A	340	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	Suspended Solids	31/03/2017	N/A	N/A	9	µS/cm @20°C	no (if no please enter details in comments box)	
	on-site	N/A	Mineral oils	31/03/2017	N/A	N/A	0.03	mg/L	no (if no please enter details in comments box)	
SW1 + SW2	on-site	N/A	BOD	04/04/2017	N/A	N/A	20	mg/L	no (if no please enter details in comments box)	

AER Monitoring returns summary template-WATER/WASTEWATER/SEWER Lic No: W0279-02 Year 2017

SW1 + SW2	on-site	N/A	Mineral oils	30/11/2017	N/A	N/A	0.02	mg/L	no (if no please enter details in comments box)
	on-site	N/A	BOD	07/12/2017	N/A	N/A	80	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Conductivity	07/12/2017	N/A	N/A	701	µS/cm @20°C	no (if no please enter details in comments box)
	on-site	N/A	Suspended Solids	07/12/2017	N/A	N/A	10	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Mineral oils	07/12/2017	N/A	N/A	0.18	mg/L	no (if no please enter details in comments box)
	on-site	N/A	BOD	18/12/2017	N/A	N/A	18	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Conductivity	18/12/2017	N/A	N/A	651	µS/cm @20°C	no (if no please enter details in comments box)
	on-site	N/A	Mineral oils	18/12/2017	N/A	N/A	32	mg/L	no (if no please enter details in comments box)
	on-site	N/A	BOD	21/12/2017	N/A	N/A	7	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Conductivity	21/12/2017	N/A	N/A	875	µS/cm @20°C	no (if no please enter details in comments box)
	on-site	N/A	Suspended Solids	21/12/2017	N/A	N/A	13	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Mineral oils	21/12/2017	N/A	N/A	0.01	mg/L	no (if no please enter details in comments box)
	on-site	N/A	BOD	28/12/2017	N/A	N/A	5	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Conductivity	28/12/2017	N/A	N/A	678	µS/cm @20°C	no (if no please enter details in comments box)
	on-site	N/A	Suspended Solids	28/12/2017	N/A	N/A	6	mg/L	no (if no please enter details in comments box)
	on-site	N/A	Mineral oils	28/12/2017	N/A	N/A	0.01	mg/L	no (if no please enter details in comments box)

*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		

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	Additional information
SELECT	

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

Emission reference no:	Emission released to	Parameter/ Substance/code 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ¹	License Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number
	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 EGS for surface water or relevant receptor quality standards

3 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 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 checklists
 Assessment of results checklists

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)

Additional Information
 No

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

SELECT
 SELECT
 SELECT

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 exceedances in reporting year	Comments

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

Table W5: Abatement system bypass reporting table

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

*Measures taken or proposed to reduce or limit bypass frequency

SW-1	on/off	N/A	BOD	06/01/2016	N/A	N/A	1089	mg/l	no (if no please enter details in comments box)
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Bund/Pipeline testing template

LC No.:

W007/9-02

Year:

2017

Bund testing

dropdown menu click to see options

Additional information

- Are you required by your licence to undertake integrity testing on bunds and containment structures? If yes please fill out table B3 below (listing all new bunds and containment structures on site, in addition to all bunds which raised the integrity test - all bunding structures which failed including mobile bunds must be listed in the table below, please include all bunds outside the licensed testing period (mobile bunds and chambers included))
1. Do all bunds and containment structures have a licensed testing period (mobile bunds and chambers included)?
2. Please provide integrity testing frequency/period
- Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), tanks, sumps and containers? (containers refers to "Cheminore"
3. How many bunds are on site?
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 B3
11. Do all sumps and chambers have high level liquid alarms?
12. If yes to Q11 are these fail-safe systems included in a maintenance and testing programme?
13. Is the Fire Water Retention Pond included in your integrity test programme?

No	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	
	SELECT	

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

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

- * Capacity required based on 2000 litres per 25m² or 1500 litres per 100m² containment area as detailed in your licence
15. Has integrity testing been carried out in accordance with licence requirements and are all structures tested in binding and storage guidelines
16. Are channels/transfer systems to remove containment systems tested?
17. Are channels/transfer systems compliant in both integrity and available volume?

Pipeline/underground structure testing

- 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)
1. Please provide integrity testing frequency/period
2. Please note integrity testing means water tightness testing of all underground pipelines (as required under your licence)

Table B2: Summary details of pipeline/underground structure 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/In current reporting year?
	SELECT		SELECT	SELECT	SELECT	SELECT					SELECT
	SELECT		SELECT	SELECT	SELECT	SELECT					SELECT
	SELECT		SELECT	SELECT	SELECT	SELECT					SELECT

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

		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? Do you extract groundwater for use on site? If yes please specify use in comment section	no
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	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 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*	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*	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
							SELECT		SELECT
							SELECT		SELECT

Groundwater/Soil monitoring template

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*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 631)

[Guidance on the Measurement of Contaminated Land and Groundwater at EPA Licensed Sites \(EPA 2013\)](#)

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

Surface water EOS	Groundwater regulations	Drinking water (private supply) standards	Drinking water (public supply) standards	Interim Guideline Values (IGV)
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Groundwater/Soil monitoring template

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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

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

		Commentary
1	ELRA Initial agreement status	ELRA submitted as part of the original waste licence application. ELRA is required to be reviewed in line with the relevant guidance.
2	ELRA review status	The ELRA & CRAMP is currently being reviewed as part of the upcoming waste licence review application.
3	Amount of Financial Provision cover required as determined by the latest ELRA	
4	Financial Provision for ELRA status	Submitted and not agreed by EPA:
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	Required but not submitted
9	Closure plan review status	Review required and not completed
10	Financial Provision for Closure status	Required but not submitted
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

Highlighted cells contain dropdown menu click to view

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Additional Information

- 1 Do you maintain an Environmental Management System (EMS) for the site. If yes, please detail in additional information
- 2 Does the EMS reference the most significant environmental aspects and associated impacts on-site
- 3 Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements
- 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	EMS is ISO 14001 accredited
Yes	Review of environmental impacts and Aspects carried out annually
Yes	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
Reduction of emissions to Wastewater	Improvement in capture of hydrocarbons in surface water	90	Installation of new oil interceptor and silt trap	Section Head	Reduced emissions
Energy Efficiency/Utility conservation	Improvement in transport emissions	50	Replacement of 2 older fleet collection vehicles with new vehicles	Section Head	Reduced emissions
Materials Handling/Storage/Bundling	Reductions in amount of stock held	70	Increases in plant efficiency leading to higher ton per hour run rates	Section Head	Improved Environmental Management Practices
Energy Efficiency/Utility conservation	Energy efficient lighting in main plant	90	Project completed in Q1 2017	Section Head	Reduced emissions
Additional improvements	Complete update road traffic survey	90	Commissioned Atkins to manage this project on behalf of Glasco Recycling	Individual	Report concluded that traffic to/from the facility has only a nominal effect on the local road network up to the upper tonnages permitted under the licence
Materials Handling/Storage/Bundling	Reduce airborne dust	90	Installation of a covered bay for fine-grind (sand-like) glass cullet	Section Head	Improved Environmental Management Practices

Environmental Management Programme/Continuous Improvement Programme template

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Waste reduction/Raw material usage efficiency	Improvement of incoming material / Reduction in quantity of incoming waste	70	Audits of (and visits to) suppliers to ensure delivered material is within Quality Intake specification	Section Head	Reduced emissions
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Noise monitoring summary report

Lic No:

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Year

2017

- 1 Was noise monitoring a licence requirement for the AER period?
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?
- 3 Does your site have a noise reduction plan
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

	Noise Guidance note NG4
Yes	Yes
No	No
Enter date	
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)?
09/08/2017	30-minutes	NM1		48-64	39-50	-	73-86	No	No	External noise sources, ie. road traffic. This is not a noise sensitive location	N/A
09/08/2017	30-minutes	NM2		45-56	43-50	-	70-84	No	No	External noise sources, ie. road traffic. This is not a noise sensitive location	N/A
09/08/2017	30-minutes	NM3		55-60	30-50	-	72-89	No	No	External noise sources, ie. road traffic. This is not a noise sensitive location	N/A
09/08/2017	30-minutes	NSL		48-57	37-44	-	66-91	No	No	External noise sources i.e. road traffic and birds chirping were noted during this monitoring round	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?

SELECT

** please explain the reason for not taking action/resolution of noise issues?
Any additional comments? (less than 200 words)

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

Additional Information	
14/12/2015	
No	All green diesel used on the site is now sulphur free
No	

Table R1 Energy usage on site				
	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Energy Use				
Total Energy Used (MWhrs)	1829.9	1903.3		
Total Energy Generated (MWhrs)	0	0		
Total Renewable Energy Generated (MWhrs)	0	0		
Electricity Consumption (MWhrs)	1829.9	1903.3		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	76.39	89.55		
Light Fuel Oil (m3)				
Natural gas (m3)	490	446.9		
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

Table R2 Water usage on site							
	Water extracted Previous year m3/yr.	Water extracted Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*	Volume Discharged back to environment(m ³ /yr):	Water Consumption Volume used i.e not discharged to environment e.g. released as steam m3/yr	Unaccounted for Water:
Water use							
Groundwater	0	0					
Surface water	0	0					
Public supply	1322	1039					
Recycled water	0	0					
Total	1322	1039					

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

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

Table R3 Waste Stream Summary					
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

Resource Usage/Energy efficiency summary

Lic No:

W0279-02

Year

2017

Table R4: Energy Audit finding recommendations								
Date of audit	Recommendations	Description of Measures proposed	Origin of measures SELECT	Predicted energy savings % SELECT	Implementation date SELECT	Responsibility SELECT	Completion date	Status and comments

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					

SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES PRTR facility: leson 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 No Yes
 Additional Information

2. Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information
 No Yes 10421.43 tonnes 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)

Licensed annual tonnage limit for your site (total tonnes/annum)	EMC code	Source of waste accepted	Description of waste please enter an accurate and detailed description - which applies to relevant EMC 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	European Waste Catalogue EMC codes	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	57,81	52,76			100%	64- Recycling/reclamation of metallic and metal compounds	50	
	15 01 07		15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	117232	116941			100%	65- Recycling/reclamation of other inorganic materials which includes soil coloring resulting in recovery of the soil and recycling of inorganic construction materials	3287	
	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	8915	9673			100%	15-Recycling/reclamation or other inorganic materials which includes soil coloring resulting in recovery of the soil and recycling of inorganic construction materials	12980	

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

1. 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 on site Yes No
2. 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 No
3. Does your facility have relevant substance controls in place? Yes No
4. Do you have an odour management system in place for your facility? If no why? Yes No
5. Do you maintain a sludge register on site? Yes No

SECTION D- TO BE COMPLETED BY LANDFILL SITES ONLY



Environmental Protection Agency

| PRTR# : W0279 | Facility Name : Glassco Recycling Limited | Filename : Glassco W0279-02 AER 2017 Return.xls | Return Year : 2017 |

[Guidance to completing the PRTR workbook](#)

PRTR Returns Workbook

Version 1.1.19

REFERENCE YEAR	2017
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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	
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	David Farrelly
AER Returns Contact Email Address	david.farrelly@glassco.ie
AER Returns Contact Position	Operations Manager
AER Returns Contact Telephone Number	01 6854400
AER Returns Contact Mobile Phone Number	
AER Returns Contact Fax Number	
Production Volume	119250.0
Production Volume Units	Tons
Number of Installations	1
Number of Operating Hours in Year	6350
Number of Employees	80
User Feedback/Comments	
Web Address	www.glassco.ie

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

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

1 PART 17, W0279, Facility Name: Glasco Recycling Limited, Permit No: W0279-02, AER 2017 Returns, Return Year: 2017

Please enter all quantities on this sheet in Tonnes

27/03/2018 12:23

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Lic. Waste: Name and Licence/Permit No of Next Destination Facility Next Lic. Waste: Name and Licence/Permit No of Receptor/Disposer	Lic. Waste: Address of Next Destination Facility Next Lic. Waste: Address of Receptor/Disposer	Name and License / Permit No. and Address of Final Receptor / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination (i.e. Final Recovery / Disposal Site) (HAZARDOUS WASTE ONLY)
						Method Used	Method Used					
Within the Country	13 05 03	Yes	37.72	interceptor sludges	D9	M	Weighted	Offsite in Ireland	Superdrain, NWCPO-08-01128-02	110 Elm Road Western Industrial Estate, Dublin 12, Ireland	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	68.4	aqueous liquid wastes other than soil and stones other than those	D9	M	Weighted	Offsite in Ireland	WWRP, D0002-01	Killdare, Co. Ireland		
Within the Country	17 05 04	No	81.3	mentioned in 17 05 03	R11a	M	Weighted	Offsite in Ireland	Hinch Plant Hire Ltd, 0 Hammond Lane Metal	Crag Avenue, Clonsilla, Dublin 22, Ireland		
Within the Country	19 12 03	No	12.62	non-ferrous metal	R4	M	Weighted	Offsite in Ireland	Company, WFP-DS-14-0012-01	Ballynch, Carrick on Suir, Co. Tipperary, Ireland		
Within the Country	19 12 04	No	90.12	plastic and rubber	R5	M	Weighted	Offsite in Ireland	Quality Recycling Ltd, WFP-15-12-0002-04	Bord na Mona Dried Facility, W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland	
Within the Country	19 12 05	No	5854.62	glass	R5	M	Weighted	Offsite in Ireland	Bord na Mona Dried Facility, W0201-03	Killinagh Upper, Carbury, Co. Kildare, Ireland		
Within the Country	19 12 11	No	1321.62	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	D5	M	Weighted	Offsite in Ireland	Dillon Waste and Recycling, WFP-RY-10-001-02	The Kerties, Tralee, Co. Kerry, Ireland		
Within the Country	19 12 12	No	103.14	in 19 12 11	D5	M	Weighted	Offsite in Ireland	Quality Recycling Ltd, WFP-15-12-0002-04	Ballynch, Carrick on Suir, Co. Tipperary, Ireland		
Within the Country	19 12 12	No	648.36	in 19 12 11	D5	M	Weighted	Offsite in Ireland	Quality Recycling Ltd, WFP-15-12-0002-04	Ballynch, Carrick on Suir, Co. Tipperary, Ireland		
Within the Country	19 12 12	No	171.24	in 19 12 11	D10	M	Weighted	Offsite in Ireland	Panda Waste, W0140-03	Rathdrinagh, Beauparc, Navan, County Meath, Ireland		
Within the Country	20 01 39	No	10.72	plastics	R5	M	Weighted	Offsite in Ireland	Sturdy Plastics Ltd, XXX Walshestown Restoration Ltd, W0254-01	Burgamore, Blessington, Co. Wicklow, Ireland		
Within the Country	486.62	glass	R5	M	Weighted	Offsite in Ireland						
Within the Country	16 10 02	No	13.4	aqueous liquid wastes other than those mentioned in 16 10 01	D9	M	Weighted	Offsite in Ireland	Superdrain, NWCPO-08-01128-02	110 Elm Road Western Industrial Estate, Dublin 12, Dublin 12, Ireland		

Within the Country	15 01 03	No	1.88	wooden packaging	R3	M	Weighted	Offsite in Ireland	Dolly Skip Hire WFP- KE-14-0073-01	Oberstown Industrial Park,Caragh Road,Naas,County Kildare,Ireland
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* Select a row by double clicking the Description of Waste then click the delete button

[Link to previous years waste data](#)
[Link to previous years waste summary data & percentage change](#)
[Link to Waste Guidance](#)