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.

28/03/2017

Group/Facility manager

(or nominated, suitably qualified and experienced deputy)

	mary template				(fc No:	W0279-02		Year	201	,	
Answer all q	guestions and complete all table	s where relevant					Additional Information		1		
Does you	ur site have licensed air emissi year and answer further ques	ons? If yes please co	omplete table A1 an	d A2 below for the current		Ata and advantage of the same					
reporting	year and answer further ques solvent management plan (t					Air emissions moni	toring locations A1 & AZ. Dust monitoring locati	ons D1, D2, & D3			
000000000					Yes				J		
Pe	riodic/Non-Continuous N	Aonitoring						ST THE STATE	to have a		
Are there	any results in breach of licence re	equirements? If yes pl TableA1 belo	ease provide brief det	efs in the comment section of	Yes						
			Basic air						1		
mote A	nitoring carried out in accordance 462 and using the basic air monit	e with EPA guidance oring checklist?	monitoring. checklist	AGN2	SELECT]		
Table A1	: Licensed Mass Emission:	r/Ambient data	noriadia manitar	due (non continuous)							
Tuyle AL	Licensed Head Emissions	sysumment date-	periodic monitor	ing (non-continuous)			1			Comments -reason for change in %	
Embalon reference no	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision therof	Licence Compliance criteria	Measured value	Unit of measurement	Compilant with licence limit	Method of enalysis	Annual mass load (kg)	mass load from previous year if	
	Total Particulates	Bi-Annual	50mg/m3	All 30-minutes everages < 2 x	25.13	mg/m3	Y**	EN13284-1-2002			
1	Rotal Particulates	bi-Annual	300mg/m3	All 30-minutes averages < 2 x	65.25	creg/m3	ye.	ENISCS8:2006			
	Carbon monoxide (CD) Nitragen axides			All 30-minutes averages < 2 x							
	(NOK/NOZ)	BI-Annual	50mg/ni3	ELV	7.25	mg/m3	**	EN14791-2006			
1	Sulphur oxides (SOx/SO2)	01-Annual	5Gmg/m3	All 30-minutes averages < 2 x ELV	14.63	re/mi	ye	ENDIR AGZ			
	Total Organic Carbon (as C)	leunnA-18	80mg/m4	All 30-minutes averages < 2 x ELV	13.6	mg/m3	-	EN12619/2013			
	volumetric flore	III-Annual	950m3/hr	All 2-hour everages < 2 x ELV	7643	re3/hour	yes	EN 16911/2013			
T UTT	New York Control	Bi-Annual	50mg/m3	Alt 30-minutes averages < 2 x SIV	10.92	mg/m3	-	EN13284-1:2002			
-	Total Particulates	BI-Annual	300mg/m3	All 30-minutes averages < 2 x	187.15	mg/m3	Market State of the State of th	EN15058:2006			
	Carbon monoxide (CD) Nitrogen oxides	(1)	1000000000	All 30-minutes averages < 2 x							
	(NOx/NO2)	Bi-Annual	50mg/m3	ELV	7.5	eng/m3	y##	6N14792:2006			
	Sulphur axides (50x/S02)	Si-Annual	Sümg/m3	All 30-minutes averages < 2 x ELV	0.82	mg/m)	yes	ENDIR A62			
2	Total Organic Carbon (as Cl	Bi-Annual	80mg/m4	Ali 30-minutes averages < 2 x ELV	55.6	mg/m3	>**	EN12619:2013			
	volumetric flow	Bi-Armuel	950m3/hr	All 1-hour averages < 2 x ELV	5982	m3/hour	yes	EN 16911:2013			
2	volumetric flow Total Particulates	Quarterly	350mg/m2/day	Monthly average < ELV	314.05			lines version is			
1	Total Particulates	Quarterly	35Cmg/m2/day	Monthly average < E.V	314.05	mg/m2/day	yes	Bergerhoff Meshod		1 acceedance of 01 limit measured in 02 @ 578.8mg/m3.	
2	Total Particulates	Quarterly	350mg/m2/day	Monthly average < E.V	203.05	mg/m2/day	Ver 13 €	Bergerhoff Method		1 exceedance of 02 limit measured	
	Total Particulates	Quarterly	350mg/m2/day	Monthly average c BV	163.55	mg/m2/day	yes	Bergerhoff Mechad		In Q4 @ 554.4mg/m3	
an Voltab	metric flow shall be included as				100000	The state of the					
	ous monitoring equipment experi a proactive service agreement fo				SELECT						
Di	ld your site experience any abato	ment system bypasse	s? If yes please detail t	them in table A3 below	SELECT]		
Table AZ	Summary of average em	nissions -continu	ous monitoring		390000 121111				-		
Emission eference no	Parameter/ Substance		Averaging Period	Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in		
		ELV in licence or							current reporting year		
-	SELECT	any revision therof			Stuter						
	SPLECT SPLECT			HARMAN TO THE REAL PROPERTY.	SELECT						
ote 1: Volu	SBLBCT metric flow shall be included as a	Constable December			SELECT SELECT			TOTAL CO.			
able A3	Abatement system bypa	ess reporting tab	la .	Bypass protocol							
ste"		Location		eson for bypess	2	Impa	act magnitude	Corrective action		4	
				1000							
(40) = 0)			-					The state of the s			
	1	all days :				un entre					
			ement system bypass							CO4	
** an acc	urate record of time bypess begin inspecti	ning and end should ons please refer to by	be logged on site and pass protocol link	maintained for future Agency							
So	lvent use and manageme	ent on site							da da milita		
o you have	a total Emission Limit Value of d	irect and fugitive emi	ssions on site? If we o	loase fill out tables A4 and A4							
unfile a	Solvent Management Pl			Plause refer to linked solven	regulations to	1	SERCT				
otal VO	C Emission limit value	- Januarier y		complete table 5	end 6						
Reporting	year Total solvent input on	Total VOC	Total VOC		Compliance						
	site (kg)	emissions to Air from entire site	emissions as Kof solvent Input	Total Emission Limit Value							
		(direct and fugitive)		(ELV) in licence or any revision therof	105						
					SELECT SELECT						
Table	A5: Solvent Mass Balance	ce summary			SELECT	1		2.193100			
	Yacan Salah										
	(I) Inputs (kg)					(O) Outputs (kg)					
Solvent		Secret 1	les di	L							
SOLMEUT	(f) Inputs (kg)	Organic solvent emission in waste	Salvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.	Solvents destroyed onsite through physical reaction e.g. incineration(kg)	Total emission of Solvent to air (kg)			
					53.00						
									1		

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 W2 and W3 below for the current reporting year and answer further questions. If you do not have licenced emissions you only need to complete table W1 and or W2 for storm water analysis and visual inspections

Was it a requirement of your licence to carry out visual inspections on any surface water discharges or
2 watercourses on or near your site? If yes please complete table W2 below summarising only any
evidence of contamination noted during visual inspections

Yes	harges or	olease ons. If you water

Table W1 Storm water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence
SW1 + SW2	onsite	N/N	BOD	03/01/2017	N/A	N/A	6	mg/L	no (If no please enter details in comments box)
	onsite	N/A	Suspended Solids	03/01/2017	N/A	N/A	289	μS/cm @20οC	no (if no please enter details in comments box)
	onsite	N/A	Mineral oils	03/01/2017	N/A	N/A	0.102	me/l	no (if no please enter details in comments box)
SW1+SW2	onsite	N/A	800	13/01/2017	N/A	N/A	6	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	13/01/2017	V/N	N/A	350	µS/cm @20oC	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	13/01/2017	N/A	N/A	1	mg/L	no (If no please enter details in comments box)
SW1+SW2	onsite	N/A	Mineral oils	13/01/2017	N/A	N/A	0,03	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	17/01/2017	N/A	NA	202	mg/L	no (If no please enter details in comments box)
	onsite	N/A	Suspended Solids	17/01/2017	N/A	N/A	1	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Mineral oils	17/01/2017	N/A	N/A	0.02	mg/L	no iff no piease enter details in comments box
SW1+SW2	onsite	N/A	BOD	24/01/2017	N/A	N/A	11	mg/L	no (if no please enter details in comments how
	onsite	N/A	Conductivity	24/01/2017	N/A	N/A	228	µS/cm @20oC	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	24/01/2017	N/A	N/A		mg/L	no (if no please enter details in comments box)
	onsite	N/A	Mineral oils	24/01/2017	N/A	N/A	0.02	mg/t	no (if no please enter details in comments box)
SW1 + SW2	onsite	N/A	BOD	31/01/2017	N/A	N/A	3	ng/t	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	31/01/2017	N/A	N/A	214	µS/cm @20oC	no (if no please enter details in comments box
	onsite	N/A	Suspended Solids	31/01/2017	N/A	N/A	4	mg/L	no (if no please enter details in comments box)
SW1+SW2	onsite	N/N	BOD	10/02/2017	N/A	N/A	10.01	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	10/02/2017	N/A	N/A	308	instem and a	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	10/02/2017	N/A	N/A	12	mg/L	no (If no please enter details in comments box)
CVIII COLO	onsite	N/A	Mineral oils	10/02/2017	N/A	N/A	0.13	√8m	no (if no please enter details in comments box)
7 MC + TAG	onsite	N/A	BOD	17/02/2017	N/A	N/A	_	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	17/02/2017	N/A	N/A	300	µS/cm @20oC	no (If no please enter details in comments box)
	onsite	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	onsite	N/A	BOD	24/02/2017	N/A	N/A	11	ne/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	24/02/2017	N/A	N/A	433	µS/cm @20oC	no (if no please enter details in comments box
	onsite	N/A	Suspended Solids	24/02/2017	N/A	N/A	1	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Mineral oils	24/02/2017	N/A	N/A	0.16	mg/L	no (if no please enter details in comments box)
ZMC+TMC	onsite	N/A	BOD	03/03/2017	N/A	N/N	12	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	03/03/2017	N/A	N/A	486	µS/cm @20oC	no (if no please enter details in comments box)
	onsite	N/A	Mineral oils	03/03/2017	N/A	N/N	022	1/am	no (if no please enter details in comments box)
SW1+SW2	onsite	N/A	ВОВ	10/03/2017	N/A	N/A	=	mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	10/03/2017	N/A	N/A	405	µS/cm @20oC	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	10/03/2017	N/A	N/A	8	mg/L	no (if no please enter details in comments box)
CMS F LIMS	onsite	N/A	Mineral oils	10/03/2017	N/A	N/A	0.04	mg/L	no (if no please enter details in comments box)
240C+ TAAC	onsite	N/A	BOD	16/03/2017	N/A	N/A	29	1/800	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	16/03/2017	N/A	N/A	484	µS/cm @20o€	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	16/03/2017	N/A	N/A	12	mg/L	no (if no please enter details in comments box)
CHO - CHO	onsite	N/A	Mineral oils	16/03/2017	N/A	N/A	0.15	mg/L	no (if no please enter details in comments box)
SW1+SW2	onsite	N/A	вор	24/03/2017	N/A	N/A	7	mg/L	no (If no please enter details in comments box)
	onsite	N/A	Conductivity	24/03/2017	N/A	N/A	319	µ5/cm @20oC	no (if no please enter details in comments box)
	onsite	N/A	Suspended Solids	24/03/2017	N/A	N/A	5	mg/t	no (if no please enter details in comments box)
200	onsite	N/A	Mineral olls	24/03/2017	N/A	N/A	0.02	mg/L	no (If no please enter details in comments box)
ZMC+ TMC	onsite	N/A	800	31/03/2017	N/A	N/A		mg/L	no (if no please enter details in comments box)
	onsite	N/A	Conductivity	31/03/2017	N/A	N/A	340	µS/cm @20oC	no (if no please enter details in comments bo
	onsite	N/A	Suspended Solids	31/03/2017	N/A	N/A	9	mg/L	no (if no please enter details in comments box)
SW1+SW2	onsite	N/A	Mineral oils	31/03/2017	N/A	N/A	0.03	mg/L	no (if no please enter details in comments bo
ZAAC + TAAC	onsite	N/A	BOD	04/04/2017	N/A	N/A	20	med	and the second s

The format of the decision of continents box			N.A.	A/N	04/08/2017	800	N/A	onsite	SW1+SW2
no ill no piesse enter detalls in comments box	ng/L	0.06	N/A	N/A	28/07/2017	Mineral oils	N/A	onsite	
no lif no please enter details in comments box)	marii Dooc	7	N/A	N/A	28/07/2017	Suspended Solids	A/N	onsite	
no in no please enter details in comments box	Tight	419	N/A	N/A	28/07/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box	1/8m	0.26	N/A	N/A	28/07/2017	800	N/A	onsite	SW1 + SW2
no (If no please enter details in comments box	mg/L	33	N/A	N/A	21/07/2017	Mineral cile	N/A	onsite	
no lif no please enter details in comments box)	µS/cm @20оС	469	N/A	N/A	21/07/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	38	N/A	N/A	21/07/2017	BOD	N/A	onsita	745.740
no (if no please enter details in comments box)	mg/L		N/N	N/A	14/07/2017	Mineral oils	N/A	onsite	CMD + DMS
no (if no please enter details in comments box)	mg/L		N/A	N/A	14/07/2017	Suspended Solids	N/A	onsite	
no (if no please enter details in comments box)	µS/cm @20oC		N/A	N/A	14/07/2017	Conductivity	N/A	onsite	
no lif no please enter details in comments box	n/am		N/A	N/A	14/07/2017	BOD	N/A	onsite	SW1+SW2
in life or please enter details in comments box	me/l	0.01	N/A	N/A	07/07/2017	Mineral oils	N/A	onsite	
no (if no please enter details in comments box)	me/i	3	N/A	N/A	07/07/2017	Suspended Solids	N/A	onsite	
no (If no please enter details in comments box)	3/8m	719	N/A	N/A	07/07/2017	Conductivity	N/A	onsite	
no (il no please enter details in comments box)	T/gm	16	N/A	N/A	07/07/2017	ВОО	N/A	onsite	SW1+SW2
no (if no please enter details in comments box	mg/L	900	N/A	N/A	30/06/2017	Mineral olls	N/A	onsite	
no (if no please enter details in comments box)	μ5/cm @2DoC	170	N/N	N/A	30/06/2017	Suspended Sollds	N/A	onsite	201
no (If no please enter details in comments box)	mg/L	27	NA	N/N	30/06/2017	Conductivity	N/A	onsite	
no (If no please enter details in comments box)		80.0	N/A	N/M	30/06/2017	ROD	N/A	onsite	SW1+SW2
no (if no please enter details in comments box)	ng/L	000	N/A	N/A	7105/30/55	Mineral oils	N/A	onsite	
no (if no please enter details in comments box)	µS/cm @20оС	598	NA	N/A	23/06/2017	Suspended Sollide	N/A	onsite	
no (if no please enter details in comments box)	mg/L	946	N/W	N/A	23/06/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	8 ,	N/A	N/A	7102/00/01	ROD	N/A	onsite	SW1+SW2
no (if no please enter details in comments box)	1/8m		N/A	N/A	16/06/2017	Mineral olls	N/A	onsite	
no (if no please enter details in comments box)	µ\$/cm @20oC		N/A	N/A	16/06/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L		N/A	N/A	16/06/201/	BOD	N/A	onsite	
no (if no please enter details in comments box)	mg/L	0.26	N/A	N/A	09/06/2017	Mineratoris	N/A	onella	SW1+SW2
no (if no please enter details in comments box)	1/8m	8	N/A	N/A	09/06/2017	Suspended Solids	N/A	onsite	
no (If no please enter details in comments box)	µS/cm @20oC	571	N/A	N/A	09/06/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	22	N/A	N/A	09/06/2017	вор	N/A	onsite	ZMC+TMC
no ili no piease enter details in comments box	Tyam.	0.21	N/A	N/A	02/06/2017	Mineral oils	N/A	onsite	
no lif no please enter details in comments box)	hayem @ Zuoc	24	N/A	N/A	02/06/2017	Suspended Solids	N/A	onsite	
	1/8m	926	V//P	N/A	02/06/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	0.72	WA	N/N	02/06/2017	ROD	N/A	onsite	SW1+SW2
no (if no please enter details in comments box	mg/L	9	N/A	N/A	26/05/2017	Suspended Solids	2/2	onsite	
no (if no please enter details in comments box)	µ5/cm @20oC	497	N/A	N/A	26/05/2017	Conductivity	N/A	Onsite	
no lif no please enter details in comments box)	1/8m	6	N/A	N/A	26/05/2017	BOD	N/A	onsite	7415 4 7415
no (if no please enter details in comments box)	ng/L	0.27	N/A	N/A	19/05/2017	Mineral oils	N/A	onsite	CMS+LVMS
no (if no please enter details in comments box)	ng/L	19	N/A	N/A	19/05/2017	Suspended Solids	N/A	onsite	
no (if no please enter details in comments box)	µ5/em @20oC	529	N/A	N/A	19/05/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	me/L	23	N/A	N/A	19/05/2017	BOD	N/A	onsite	SW1+SW2
no lif no please enter details in comments box	mg/L	0.03	N/A	N/A	12/05/2017	Mineral oils	N/A	onsite	
no (If no please enter details in comments box)	12/cm @ 200C	7 24	N/A	N/A	12/05/2017	Suspended Solids	N/A	onsite	
no (if no please enter details in comments box)	mg/L	204	NVA	N/A	12/05/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	0.01	N/A	N/N	12/05/2017	Mineral oils	N/A	onsite	SW1+SW2
no (if no please enter details in comments box)	J/Bw	1	N/A	N/A	05/05/2017	Suspended Solids	N/A	onsite	
no (if no please enter details in comments box)	µS/cm @ 20oC	293	N/A	N/A	05/05/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	- 1 is	N/A	N/A	05/05/2017	BOD	N/N	onsite	SW1+SW2
no (if no please enter details in comments box)	mg/L	000	N/A	N/A	28/04/2017	Mineral oils	N/A	onsite	
no (if no please enter details in comments box)	µS/cm @20oC	344	N/A	N/A	78/04/2017	Conductivity	N/A	onsite	
no (If no please enter details in comments box	ng/L	2	N/A	N/A	28/04/2017	BOD	N/A	onsite	TAKE L TAKE
no (if no please enter details in comments box)	mg/L	0.1	N/A	N/A	21/04/2017	Mineral oils	N/A	onsite	CAG - Flug
no (If no please enter details in comments box)	1/aud	8	N/A	N/A	21/04/2017	Suspended Solids	N/A	onsite	
no if no please enter details in comments box	1/8m	313	N/W	N/A	21/04/2017	Conductivity	N/A	onsite	
no (if no please enter details in comments box)	mg/L	0.01	N/A	N/A	14/04/2017	Wilheral oits	N/A	onsite	SW1+SW2
no (If no please enter details in comments box)	ng/L	2	N/A	N/A	14/04/2017	Suspended Solids	N/A	onsite	
no (if no please enter details in comments box)	μS/cm @20oC	348	N/A	N/A	14/04/2017	Conductivity	N/A	onsite	
no if no please enter details in comments box	1/sm	4	N/A	N/A	14/04/2017	BOD	N/N	onsite	SW1+SW2
no (if no please enter details in comments box)	ng/L	0.24	NA	N/A	04/04/2017	Mineral oils	N/A	onsite	
no (if no please enter details in comments box)	µ5/cm@20oC	705	N/A	N/A	04/04/2017	Suspended Solids	N/A	onsite	
THE RESERVE THE PROPERTY OF TH	THE PROPERTY OF THE PARTY OF TH	222		Trans.					

	no (If no please enter details in comments box	µS/cm @20oC	743	N/A	N/A	30/11/2017	Suspended Solids	N/N	onsite	
	no (If no please enter details in comments box)	mg/L	67	N/A	N/A	30/11/2017	BOD	N/A	onsite	
	no (if no please enter details in comments box)	mg/l	0.15	N/A	N/A	24/11/2017	Mineralolis	N/A	onsite	CWS+TWS
)	no (if no please enter details in comments box)	mg/L	26	N/A	N/A	24/11/201/	Suspended Solids	N/A	Balello	
	no (if no please enter details in comments box)	µS/cm @20oC	509	N/A	N/A	24/11/2017	Conductivity	N/A	onsite	200
	no (if no please enter details in comments box)	mg/L	18	N/A	N/A	24/11/2017	BOD	N/A	onsite	2AAC + 7AAC
	no (if no please enter details in comments box)	mg/L	0.13	N/A	N/A	17/11/2017	Mineral oils	N/A	onsite	
	no (if no please enter details in comments hox)	mg/L	27	N/A	N/A	17/11/2017	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µS/cm @20oC	690	N/A	N/A	17/11/2017	Conductivity	N/A	onsite	
	no iff no please enter details in comment. how	me/L	49	N/A	N/A	17/11/2017	BOD	N/A	onsite	SW1+SW2
	no lif no please enter details in comments ho	mg/L	0.27	N/A	N/A	10/11/2017	Mineral oils	N/A	onsite	
	no (if no please enter details in comments box	mg/L	9	N/A	N/A	10/11/2017	Suspended Solids	N/A	onsite	100
1	no if no please enter details in comments book	µS/ст @20оС	497	N/A	N/A	10/11/2017	Conductivity	N/A	onsite	
	no (if no please enter details in comments hov)	mg/L	19	N/A	N/A	10/11/2017	BOD	N/A	onsite	SW2 + SW2
	no (if no please enter details in comments hov)	ng/t	0.01	N/A	N/A	03/11/2017	Mineral oils	N/A	onsite	
	no lif no please enter details in comments box	mg/L	106	N/A	N/A	03/11/2017	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments box)	µ5/cm @20oC	761	N/A	N/A	03/11/2017	Conductivity	N/A	onsite	
	no (if no please enter details in comments hox)	ng/L	30	N/A	N/A	03/11/2017	BOD	N/A	onsite	2M5+1M5
	no (if no please enter details in comments box)	1/gm	0.01	N/A	N/A	27/10/2017	Mineral oils	N/A	onsite	-
	no (if no please enter details in comments hox)	mg/L	17	N/A	N/A	27/10/2017	Suspended Solids	N/A	onsite	
9	no (if no please enter details in comments box)	µS/cm @20oC	709	N/A	N/A	27/10/2017	Conductivity	N/A	onsite	100
0	no (if no please enter details in comments box)	mg/L	82	N/A	N/A	27/10/2017	BOD	N/A	onsite	SW1+SW2
18	no (If no please enter details in comments box)	mg/L	0.04	N/A	N/A	20/10/2017	Mineral oils	N/A	onsite	
2	no (if no please enter details in comments how)	mg/L	20	N/A	N/A	20/10/2017	Suspended Solids	N/A	onsite	
	no (if no please enter details in comments hoy)	µS/cm @ 20oC	870	A/N	N/A	20/10/2017	Conductivity	N/A	onsite	
	no (if no please enter details in comments box)	mg/L	30	N/A	N/A	20/10/2017	BOD	N/A	onsite	SW1+SW2
5 2	no (if no please enter details in comments box)	mg/L	0.12	N/A	N/A	13/10/2017	Mineral oils	N/A	onsite	
2	no (if no please enter details in comments box)	ne/L	13	N/A	N/A	13/10/2017	Suspended Solids	N/A	onsite	
5 2	no (if no please enter details in comments box	µ5/cm @20o€	461	N/A	N/A	13/10/2017	Conductivity	N/A	onsite	
N.	no (if no please enter details in comments box	Da/A	15	N/A	N/A	13/10/2017	Вор	N/A	onsite	SW1+SW2
(Xi	no in no please enter details in comments box)	1.08u	0.04	N/A	N/A	06/10/2017	Mineral oils	N/A	onsite	
ix)	no ill no please enter details in comments box	Sonz @ waster	400	1/1/17	N/A	06/10/2017	Suspended Solids	N/A	onsite	
(X)	no (if no please enter details in comments box)	mg/L	400	N/A	N/M	06/10/2017	Conductivity	N/A	onsite	
×	no (if no please enter details in comments box)	ng/L	0.25	N/A	W/M	/TOZ/60/67	Militeral Ons	N/A	onsite	SW1+SW2
×	no (if no please enter details in comments box)	mg/L	7	N/A	N/A	79/09/2017	Minor ballo	N/N	onsite	
(x)	no (if no please enter details in comments box)	µS/cm @20oC	545	N/A	N/A	29/09/2017	Conductivity	W/A	onsite	
×	no (if no please enter details in comments box)	mg/L	38	N/A	N/A	29/09/2017	BOD	N/A	onsite	240C 1 TAAC
×	no (if no please enter details in comments box)	mg/L	0.16	N/A	N/A	22/09/2017	Mineral oils	N/A	onsite	eura eura
×	no (If no please enter details in comments box)	1/8m	7	N/A	N/A	22/09/2017	Suspended Solids	N/A	onsite	
×	no (if no please enter details in comments box)	µS/cm @20oC	462	N/A	N/A	22/09/2017	Conductivity	N/A	onsite	
3	no (if no please enter details in comments box)	mg/L	16	N/N	N/A	22/09/2017	BOD	N/A	onsite	SW1+SW2
OX)	no if no please enter details in comments box	me/l	0.25	N/A	N/A	15/09/2017	Mineral oils	N/A	onsite	
(XO	no (if no please enter details in comments box	ma/l	23	N/A	N/A	15/09/2017	Suspended Solids	N/A	onsite	0
(xo	no (if no please enter details in comments box	1/2m	699	N/A	N/A	15/09/2017	Conductivity	N/A	onsite	
ox)	no (if no please enter details in comments box	mg/L	29	N/A	N/A	15/09/2017	BOD	N/A	onsite	SW1 + SW2
ox)	no (if no please enter details in comments box	ng/L	210	N/A	N/N	08/09/2017	Mineral oils	N/A	onsite	
ox	no (if no please enter details in comments box	DODZ @ up/cu	10	N/A	N/A	08/09/2017	Suspended Solids	N/A	onsite	
ox)	no (if no please enter details in comments box)	T/Sun	670	N/A	N/A	08/09/2017	Conductivity	NA	onsite	
ox)	no (it no please enter details in comments box)	mg/L	0.01	N/A	N/A	08/09/2017	BOD	N/A	onsite	SW1+SW2
ox)	no (if no please enter details in comments box)	1/Bu	2	N/A	N/A	01/09/2017	Mineral cile	N/A	onsite	
OX)	no (if no please enter details in comments box)	µ5/cm @20o€	402	N/A	N/A	01/09/2017	Conductivity	N/A	onella	
(Xo	no (if no please enter details in comments box)	mg/L	20	N/A	N/A	01/09/2017	800	N/A	onelle	2000
ox)	no (if no please enter details in comments box)	mg/L	0.09	N/A	N/A	23/08/2017	Mineraloits	N/A	onsite	CWS + LIMS
ox)	no (if no please enter details in comments box)	mg/L	30	N/A	N/A	23/08/2017	Suspended Solids	N/A	onsite	
ox)	no (if no please enter details in comments box)	µ5/cm @20oC	562	N/A	N/A	23/08/2017	Conductivity	N/A	onsite	
OX)	no (if no please enter details in comments box)	mg/L	7	N/A	N/A	23/08/2017	800	N/A	onsite	ZMS + TMS
OX)	no (if no please enter details in comments box)	mg/L	0.22	N/A	N/A	18/08/2017	Mineral oils	N/A	onsite	
(X)	no (if no please enter details in comments box)	ng/L	28	N/A	N/A	18/08/2017	Suspended Solids	N/A	onsite	
JOX.	no if no please enter details in comments box	us/em@20oc	579	N/A	N/A	18/08/2017	Conductivity	N/A	onsite	
XOX		mg/L	33	N/A	N/A	18/08/2017	800	N/A	onsite	SW1 + SW2
iox)	no (if no please enter details in comments box)	mg/L	000	N/A	N/A	09/08/2017	Mineral oils	N/A	onsite	
yox)	no (if no please enter details in comments box	µS/cm @20oC	380	N/A	2/0	7102/90/60	Suspended Solids	N/N	onsite	
) (xoc	no (If no please enter details in comments box	mg/L	7	N/A	N/A	09/08/2017	BOD	N/A	onsite	200
OX	no (if no please enter details in comments box	ng/L	0.03	N/A	N/A	04/08/201/	Mineral oils	N/A	onsite	SW1 + SW2
NO.	and in our property thanks of the contract of the					the same of the same	The state of the s	A STATE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN C		
	no (if no please enter details in comments how)	mg/L	4	N/A	N/A	04/08/2017	Suspended Solids	N/A	onsite	

	onsite onsite onsite onsite onsite onsite onsite onsite	S summary template-WATER/1 site N/A site N/A site N/A site N/A site N/A site N/A	Summary template-WATER/WASTEWATER(SEW site N/A Mineral olis site N/A 60D site N/A Conductivity site N/A Suspended Solids site N/A Mineral olis	Immary template-WATER/WAS	Summary template-WATER/WASTEWATER(SEWER) site N/A Mineral oils 30/11/2017 N/A site N/A 600 07/12/2017 N/A site N/A Conductivity 07/12/2017 N/A site N/A Suspended Soilds 07/12/2017 N/A site N/A Mineral oils 07/12/2017 N/A	Lic No: W0279-0.2 Year
10 Lic Ho: 10 1/1/2/2017 N/A Lic Ho: 10 1/1/2/2017 N/A N/A 11 1/1/2/2017 N/	00/12/2017 N/A	10 Lic Ho:	10 Ho:	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A		Year no lift no please enter details in comments box)
11/12/2017 N/A N/A W0279-02 11/12/2017 N/A	01/12/2017 N/A N/A V0279-02 V07/12/2017 N/A N/A N/A V07/12/2017 N/A N/A N/A V07/12/2017 N/A	10 11 12 12 12 12 12 12	Lic Ho: W0279-02 N N/A N/A N/A N/A N/A N/A N/A N	N/A N/A N/A N/A N/A N/A N/A N/A		no [if no please enter details in comments box] no (if no please enter details in comments box)
Lic No: W0279-02	Lic No: W0279-02	Lic No: W0279-02	Lic Ho: W0279-02 W/A 0.02 W/A 0.02 W/A 70 W/A 10 W/A 11 W/A W	W0279-02	0.02 0.02 69 701 10 0.16 18 651 651 652 0.14 7 7 875 0.14 7 875 0.16 18 0.16 18 0.16 18 0.16 18 0.16 18 0.16 0.16 18 0.16 0.1	

*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 Date of inspection
		Description of contamination
SELECT	SELECT	Source of contamination
		Corrective action
		Comments

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

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

External /Internal Lab Assessment of Quality checklist results checklist SELECT

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

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

Note 2: Where E					Emission reference no:
Note 1: Volumetric flow shall be included as a reportable parameter Note 2: Where Emission Limit Values (ELV) do not apply to your licen-			Out.Co.	SELECT	Emission Emission released to
Note 2: Volumetric flow shall be included as a reportable parameter Note 2: Where Emission Limit Values (EIV) do not apply to your livence nieses compare results assist EOC for Surface unitary procedures.			on one	6950	Parameter/ SubstanceNote 1
e please compare results			SELECT		Type of sample
positive EOE for Co.					Frequency of monitoring
			SELECT		ELV or trigge values in lice any revision Averaging period there?
					ELV or trigger values in licence or any revision therof ^{kota 2}
			SELECT		Licence Compliance criteria
					Measured value Unit of mea
		Openior)			Light of measurement
		- JELECT	200	HORING	Compliant with
		Sereci	103133	Method of analysis	
See		SELECT		reference source	Procedural
				standard number	Procedural

L-MS	*Measures take		Date	Table W5: A	note 1: Volume			Emission reference no:	Table W4: 9	8 Did abatement	7 Do you have a	6 Dld continuous	If yes please summarise ye Emission Limit Value (ELV)	5 poes your site	Continuous	
onsite	*Measures taken or proposed to reduce or limit bypass frequency		Duration (hours)	Table W5: Abatement system bypass reporting table	note 1: Volumetric flow shall be included as a reportable parameter.			Emission released to	Table W4: Summary of average emissions -continuous monitoring	Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	If yes please summarise 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	compact was the control of the contr
N/A	or limit bypass frequency		Location	ypass reporting table	as a reportable parameter			Parameter/ Substance	emissions -continue	ng the reporting year? If ye	for each piece of continuo	xperience downtime? If yes	s monitoring data below	ssions to water/sewer mor		ary template-way ter
BOD			Resultant emissions	Ф				ELV or trigger values in licence or any revision thereof	ous monitoring	s please complete table W	us monitoring equipment o	s please record downtime	in Table W4 and compare i	ntoring?	•	ANDIENNICHAN
06/01/2016			Reason for bypass					Averaging		/5 below	on site?	in table W4 belov	t to its relevant			VEN
N/A	-		Corrective action*					Compliance		SELECT	SELECT	SELECT		No		S. Deliver all tollars
N/N		SELECT	Was a report submitted to the EPA?				THE PERSON NAMED IN	Units of								Lic No:
1069			When was this report submitted?				reporting year (vg)	Annual Emission for current							Additional Information	W0279-02
ma/i	L	1	7					% change +/- from previous reporting year								
no (if no please enter details in comments hou)							Monitoring Equipment downtime (hours)									Year
							reporting year	Number of ELV exceedences in								2017
							Comments									

Bund testing Are you required by you containment structures the table below, please I please provide integrity	urlicence to undertal son site, in addition to einclude all bunds ou vitesting frequency po	tegrify testing bunds which	dropdowin menu click to see options on bunds and containment structures? If yes i failed the integrity test-oil bunding structures teled and contain the structures to the structures to the structures.	please fill out table B1 belo which failed including mob cluded}	w listing all new bunds and lie bunds must be listed in		Additional information						
2 Please provide integrity setting frequency period Does the site maintain a register of bunds, underground p 5 type units and mobile bunds) 4 How many bunds are on site? 5 How many of these bunds are on site of 5 How many of these bunds are on site of 6 How many mobile bunds are on site of 7 Are the mobile bunds are on site of Are the mobile bunds are on site of 8 How many of these bunds are on site of 9 How many of these bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 10 Are the mobile bunds are on site of 11 Are the mobile bunds are on site of 12 Are the mobile bunds are on site of 13 Are the mobile bunds are on site of 14 Are the mobile bunds are on site of 15 Are the mobile bunds are on site of 16 Are the mobile bunds are on site of 17 Are the mobile bunds are on site of 18 Are the mobile bunds are	y testing frequency para register of bunds, a bunds; bunds; bunds; an site? ands have been tested dis are on site? ancluded in the bund th	2. Please provide integrity testing frequency period Does the site maintain a resister of bands, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chamstore" 3 type units and mobile bunds) 4 How many bunds are on site? 5 How many of these bunds are on site? 6 How many mobile bunds are on site? 7 Are the mobile bunds are on site?	normwater and foul), Tanks, sur	nps and containers? {conta	liners refers to "Chemstore	51							
9 How many sumps on site are included in the ineglify best schedule? 10 How many sumps on site are included in the ineglify best schedule? 20 How many of these sumps are integrity stated within the test schedule? Please list any sum integrity fallines in table IB. 11 alo all lumps and chambers have light herel liquid alarms? 11 Do all lumps and chambers have light herel liquid alarms? 12 If was 10.011 are these sitiates yearns included in anaintenance and to 13 is the Fire Water Recention Pond included in your integrity test programm.	te are included in the most are included in the most are integrity fester teality failures in table bers have high zevel life systems included in thon Pond included in thon Pond included in the most are the most are the most are included in the most are the most are the most are included in the	9 How many sumps on site are included in the integrity test schedule? 10 How many of these sumps are integrity sessed within the test schedule? 10 How many of these sumps are integrity sessed within the test schedule? 11 How all sumps and chambers have light here! liquid alarms? 12 If was to O.11 are these failed a systems included in a maintenance and testing programme? 13 Is the Fire Water Retention Pond included in your integrity test programme?	programme?			SELECT SELECT SELECT							
Tabl	le B1: Summary detail	Table B1: Summary details of bund /containment structure integrity test	Integrity test					l					
nment									3 8	Integrity reports	intained on		
structure 1D	SELECT	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	site?				Results of test explanation <50 words
	SELECT					SELECT			SELECT		SELECT		SELECT.
*Capacity required should come! Has integrity testing bee line with BS8007/EPA Gu	by with 25% or 110% contains en carried out in accor- uidance?	 -Cupier ratived sould consist with 35% of 15% analytementale as distinct in partitions. Has Integrity testing there carried out in accordance with licence requirements and are all structures tested in line with 85000/IFPA Guidance? 	and are all structures tested in	bunding and storage guidelines	nes.		Commentary		Johnson				
16 Are channels/transfer systems to remote containment systems tested? 17 Are channels/transfer systems compliant in both integrity and available	ystems to remote con ystems compliant in b	16 Are channels/transfer systems to remote containment systems tested? 17 Are channels/transfer systems compliant in both integrity and available volume?	87			SELECT							
Pipeline/undergrou	Pipeline/underground structure testing												
Are you required by your licence to undertake into underground structures and pipelines on site who 2. Please provide integrity testing frequency period "please note integrity testing means water tights."	rrlicence to undertake and pipelines on site testing frequency per testing means water to	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 please provide integrity testing frequency period *please note integrity testing frequency period *please note integrity testing requests water tightness testing of all underground pipelines (as required under your licence)	d structures e.g. pipelines or su d all which have not been tested pipelines (as required under yo	mps etc? If yes please fill o within the integrity test p ur licence)	ut table 2 below listing all eriod as specified	SELECT SELECT							
Table B	B2: Summary details o	Table 82: Summary details of pipeline/underground structures integrity test	s integrity test										
Structure (D	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports	Results of test	Integrity test failure explanation	Corrective action	w action	Scheduled date	Scheduled date	Scheduled date
	percor	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT					SELECT	
									IT				
		Please ice com	Please use commentary for additional details not anxwered by tablest nucestions above	ot answered by tables/ ou	astions ahous								

Bund/Pipeline testing template

include a groundwater/contaminated land interpretaion as an additional section	no	iwater for use on site? If yes please specify use in comment
interpretation box below or if you require ad	no	arry out soil monitoring as part of your licence requirements?
Please provide an interpretation of groundwater	no	arry out groundwater monitoring as part of your licence
	Comments	

Please enter interpretation of data here	SELECT	12 Is there evidence that contamination is migrating offsite?
	SELECT	11 Have potential receptors been identified on and off site?
	SELECT	10 Has a Conceptual Site Model been developed for the site?
	SELECT	9 Has any type of risk assesment been carried out for the site?
	SELECT	8 Is there a licence condition to carry out/update ELRA for the site?
	SELECT	7 Please specify the proposed time frame for the remediation strategy
	SELECT	6 Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site
	SELECT	$_{S}$ Is the contamination related to operations at the facility (either current and/or historic)
		a licensee return AND answer questions 5-12 below. template
		R as
		complete the Groundwater Monitoring Guideline Template Groundwater
	no	4 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
missi or canon as an avaigonal section in this Aen		
include a groundwater/contaminated land monitoring results	no	Do you extract groundwater for use on site? If yes please specify use in comment section
interpretation box below or if you require additional space please	no	2 Are you required to carry out soil monitoring as part of your licence requirements?
Please provide an interpretation of groundwater monitoring data in the	no	1 Are you required to carry out groundwater monitoring as part of your licence requirements?

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

	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

Table 2: Downgradient Groundwater monitoring results

**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)	More information on the use of soil and groundwater standards/ generic assessment criteria (GAC) and risk assessment tools is available in the EPA published guidance (see the link in G31)	*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/Soil monitoring template Lic No: W0279-02
Groundwater Drinking water Surface regulations (private supply) water EQS GTV's standards	undwater at EPA Closissed Sijas (EPA 2013),	Stoundwater monitoring template	Year 2017
Drinking water (public Interim Guideline supply) standards Yalues (IGV)			

	Table 3: Soil results	Groundwat	
Sample	l results	er/Soil monitoring	
		template	
		Lic No:	
		W0279-02	
		Year	
		2017	

Date of sampling		
location		
Parameter/ Substance		
Methodology		
Monitoring frequency		
Maximum Concentration		
Average Concentration		
unit	SELECT	SELECT
	Alford to	

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

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

Required but not submitted
Review required and not completed
Required but not submitted
Enter expiry date
Submitted and not agreed by EPA;
-
Review required and not completed;
Submitted and not agreed by EPA;

u	Do	2 D	1 -		Env	
	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	Highlighted cells contain dropdown menu click to view	Environmental Management Programme/Continuous Improvement Programme template	
	Yes	Yes	Yes		template	
		Review of environmental Impacts and Aspects carried out annually	EMS is ISO 14001 accredited	Additional Information	Lic No: W0279-02	
					Year	

environmental performance of the facility, as required by the licence

Objective Category Target	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/Bunding	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	Comissioned Atkins to manage this project on behalf of Glassco 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/Bunding	Reduce airbourne dust	90	Installation of a covered bay for fine-grind (sand-like) glass cullet	Section Head	Improved Environmental

2017

10	Environmental Management Programme/Continuous Improvement Programme template	rogramme template Lic No:		Lic No:
	Audits of (and visits to) suppliers to ensure delivered material is		Control of the contro	Audits of (and visits to) suppliers to ensure delivered material is Section Head Reduced emissions

1 Was noise monitoring a licence requirement for the AER period?	Noise monitoring summary report
NER period?	ummary report
	Lic No:
Vec	Lic No: W0279-02
	Year
	2017

If yes please fill in table N1 noise summary below

Was noise monitoring carried out using the EPA Guidance note, including comple

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?

Have there been changes relevant to site poice on incident to the poice of the poice

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

Table N1: Nois	Table N1: Noise monitoring summary	Immarv									
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 <u>site</u> compliant with noise limits (day/evening/night)?
09/08/2017	30-minutes	Z Z Z		48-64	39-50	ı	73-86	N _o	No	External noise sources, ie. road traffic. This is not a noise senstive 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 senstive location	N/A
09/08/2017	30-minutes	NM3		55-60	30-50		72-89	N _O	No	External noise sources, ie. road traffic. This is not a noise senstive location	N/A
09/08/2017	30-minutes		NSL	48-57	37-44	T	66-91	No	No	External noise sources i.e. road traffic and birds chirping were noted during this monitoring round	Ύes

e 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

l		
l		

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

Any additional comments? (less than 200 words)

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

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

information

Table R1 Energy usage on site

SEAI - Large Industry Energy Network (LIEN)

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

Energy Use	Previous year	Current year	compared to Consumption previous reporting vs overall site year**	consumption +/- % vs overall site production*
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			
Renewable Biomass	0			
Renewable energy generated on site	0			

tion 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

Surface water Public supply Recycled water Groundwater Water use Table R2 Water usage on site Previous year m3/yr. Water extracted 1322 1322 Current year m3/yr. Water extracted 1039 1039 year** previous reporting vs overall site compared to Production +/- % production* Consumption +/- % Volume Discharged environment(m³yr): back to **Water Emissions** environment e.g. Water Consumption released as steam discharged to Volume used i.e not Unaccounted for Water:

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

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

^{*} 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

Table R4: Energy Audit	Table R4: Energy Audit finding recommendations	8					
Date of audit	Recommendations	Description of Measures proposed	Description of Predicted Measures proposed Origin of measures savings %	Predicted energy savings %	Implementation date Responsibility	Responsibility	Completion date
			SELECT				
			SELECT				
			SELECT				

	Unit ID	Unit ID	Unit ID	Unit ID	Station Total
Technology					
rimary Fuel					
hermal Efficiency					
Jnit 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					

Total number of incidents previous Total number of incidents current Potal complaints
open at start of
reporting year
Total new
complaints
received during
reporting year
Total complaints
closed during
reporting year
Balance of
complaints end of
reporting year Have any incidents occurred on site in the current reporting year? Please list all incidents for current reporting year in Table 2
below Complaints and incidents summary template Quarter 4 2018 Breach of ELV SELECT SELECT Have you received any environmental complaints in the current reporting year? If yes please complaints received on site in table 1 below Quarter 2 2018 Breach of ELV constitutes an incident nation on how to report and what SELECT SELECT SELECT SELECT SELECT SELECT Main Plant ocation of occurrence Other type (please specify) Incidents 1. Minor Incident category*please refer to guidance Brief description of complaint [Free txt <20 words] mary details of SELECT rrective action< 20 words Resolution status
SELECT
SELECT
SELECT
SELECT
SELECT Minor fire Cause of incident Lic No: Additional information ELV at D1 locati Other cause(please specify) ELV at D2 location esolution date Activity in progress at time of incident Further Information Elevation of dust control measures primarily more use of water cannons on yard surface Elevation of dust control measures primarily more use of water cannons on yard surface Corrective action<20 words Sealed unit where embors took hold has now been fitted with \$ 1. inspection haddes allowing for regular inspection. Consultation with FA in relation to moving durit, in relation to moving durity in relation to the relation to the relation to the re Presentative action <20 words SELECT SELECT Resolution 5 date SELECT

% reduction/ increase

SECTION G-TO BE COMPLETED BY ALL WASTE FACILITIES (waste transfer stations, Composters, Material recovery facilities etc) EXCEPT LANDFILL SITES 4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required on site Yes Seal 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 Seal 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 Seal 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 Seal 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 Y	19 12 05			Sun Sun	- a	W 7 10	STE	SECTION A-PRTR OF
TIES (waste tra-		15 01 07	15 01 04	EWC code European Waste Catalogue EWC codes	2 Did your site have any rejected consignments of waste in the current reporting year? If yes please give a brief explanation in the additional information 3 Was waste accepted onto your site that was generated outside the Republic of Ireland? If yes please state the quantity in tonnes in additional information Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generate	Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility 7; (waste generated within your boundaries is 1 to be captured through PRTR reporting) If yes please enter details in table 1 below	SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES	ECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY ALL IPPC
nsfer stati jency in place? !: ;y in place? !:	19- WASTES FROM WASTE MAMMEDMENT FACUTIES, OPE-SITE WASTE WASTE WASTE WASTE TRAINENT FACHTES AND THE PREPARATION OF WATER INTENDED FOR HUMAN COMMUNICATION AND WATER FOR INDUSTRIAL USE	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	15- WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED	Source of waste accepted	ent reporting year? If yes please to the republic of site for recovery, disp	or treatment prior to recovery o	OMPLETED BY ALL IPPC A	D WASTE TRANSFERS TAI
Ons, Composters, Ma	Gloss from Mechanical Treatment	Glass Packaging	Metallic Packaging	Description of waste accepted Please enter an accepted Please enter an accurate and detailed description - which applies to relevant EWC code Catalogue EWC codes	ive a brief explanation in th reland? If yes please state the	r disposal within the bounda	ND WASTE FACILITIES	3- TO BE COMPLETED
tterial recovery facili cossing infrastructure requ e infrastructure required or	8915	117232	57.81	Quantity of waste accepted in current reporting year (tonnes)	e additional information the quantity in tonnes in ad	nries of your facility ?; (wass	S	BY ALL IPPC AND WAS
ties etc) EXCEPT LANDFILL: ired onsite	9673	116941	52	Quantity of waste accepted in previous reporting year (tonnes)	he additional information The quantity in tennes in additional information (do not include wastes generated at your site.	e generated within your boundare		ASTE FACILITIES
Yes Yes	23	41	52.76	Reduction/ Increase over previous year +/- %	No N	No No		PRTR facility logon
				Reason for reduction/ increase from previous reporting year	10421.43 tonnes accepted on-site of 15 01 07 and 19 12 05	Additional Information		Þ
	3001	100%	100%	Packaging Content (%)- only applies if the waste has a packaging component	lo 10421.43 tonnes accepted on-site of 15.01.07 and 19.12 es	¥		Year dropdown
			R4- Recycling/reclamation of metals and metal compounds	Disposificacyory or treatment operation carried out at your site and the description of this operation	TTP workhook)			dropdown list click to see options
	12360	3287	50	Quantity of tt waste remaining on site at the end of reporting year (tonnes)				17

SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY



| 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
1 FACILITY IDENTIFICATION	2017
1. FACILITY IDENTIFICATION	
	GLASSCO RECYCLING LIMITED
Facility Name	Glassco Recycling Limited
PRTR Identification Number	
Licence Numbe	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	
Address 4	Co Kildare
	Kildare
Country	Ireland
Coordinates of Location	-6.55177334853.22519317
River Basin District	
NACE Code	3832
	Recovery of sorted materials
AER Returns Contact Name	
AER Returns Contact Email Address	david farrelly@glasson in
AER Returns Contact Position	Operations Manager
AER Returns Contact Telephone Number	01 6864400
AER Returns Contact Mobile Phone Number	010034400
AER Returns Contact Fax Number	
Production Volume	
Production Volume Units	119250.0
Number of Installations	TOTIS
Number of Operating Hours in Year	
Number of Employees	
User Feedback/Comments	
Web Address	www.glassco.ie
2. PRTR CLASS ACTIVITIES	
Activity Number	Activity Name
50.1	General
50.1	General
A COLUMNIA DE CALLES DE CA	
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 ?	
WASTE IMPORTED A COTTON	
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	The state of the s
recovery or disposal activities) ?	

		Please enter all quantities on finis sheet in Tonnes				Haz Wasje : Name and Licence/Permit No of Next	
		Quantity (Tonnes per Year)		Method Used		Destination Facility Non Haz Waste: Name and Licence/Permit No of Recover/Disposer	<u>Haz Waste</u> : Address of Next Destination Facility Non-Haz Waste: Address of Recover/Disposer
	European		Waste Treatmen				
Transfer Destination	Code Hazardous	Description of Waste	Operation M/C/E	M/C/E Used	Location of Treatment		
							110 Elm Road Western
Within the Country	13 05 03 Yes	37.72 interceptor sludges	09	M Weighed	Offsite in Ireland	Superdrain,NWCPO- 08-01128-02	Industrial Estate,.,Dublin 12,Dublin 12,Ireland
Within the Country		aqueous liquid wastes other than				Osberstown	Osberstown ,Naas,Co.
winds the Country	16 10 02 No	68.4 those mentioned in 16 10 01	D9	M Weighed	Offsite in Ireland	WWTP,D0002-01	Kildare,0,Ireland
Within the Country	17 05 04 No	81.3 mentioned in 17 05 03	R11a	M Weighed	Offsite in Ireland	Hinch Plant Hire Ltd.,0 Hammond Lane	Townspark, Mountmellick, Co. Laois, 0, I reland
Within the Country	19 12 03 No	17.67 pop.ferrous metal	2			Company,WFP-DS-	Avenue,.,Clondalkin,Dubli
				and grade	Colore in liceotte	Quality Recycling Ltd., WFP-TS-12-	Ballylynch,Carrick on Suir,Co.
whill he county	1912 04 No	90.12 plastic and rubber	75	M Weighed	Offsite in Ireland	Bord na Mona	Tipperary,0,ireland Killinagh
Within the Country	19 12 05 No	5854.62 glass	8	M Weighed	Offsite in Ireland	Facility, W0201-03	Upper,.,Carbury,Co. Kildare, Ireland
		other wastes (including mixtures of materials) from mechanical treatment				Bord na Mona	Killinagh
Within the Country	19 12 12 No	1321.62 in 19 12 11	D5	M Weighed	Offsite in Ireland	Drehid Facility,W0201-03	Upper,Carbury,Co. Kildare,Ireland
		other wastes (including mixtures of materials) from mechanical treatment				Dillon Waste and	
Within the Country	19 12 12 No	103.14 in 19 12 11	05	M Weighed	Offsite in Ireland	10-001-02	Kerry,Ireland
		other wastes (including mixtures of materials) from mechanical treatment				Quality Recycling	Ballylynch, Carrick on
Within the Country	19 12 12 No	of wastes other than those mentioned 648.36 in 19 12 11	D5	M Weighed	Offsite in Ireland	Ltd.,WFP-TS-12- 0002-04	Suir,Co. Tipperary,0,Ireland
		other wastes (including mixtures of materials) from mechanical treatment					Approximately of the control of
Within the Country	19 12 12 No	171.24 in 19 12 11	D10	M Weighed	Offsite in Ireland	Waste,W0140-03	Rathdrinagh, Beauparc, Na van, County Meath, Ireland
Within the Country	20 01 39 No	10.72 plastics	R	M Weighed	Offsite in Ireland	lastics	Burgagemore,,,Blessingto
		a contract to the contract to			Olisice in freiand	Walshestown Restoration	n,Co. Wicklow, Ireland Blackhall, Tipperkevin & Bawnoge, Naas,Co.
Within the Country		486.62 glass	75	M Weighed	Offsite in Ireland	01	Kildare, Ireland
		aqueous liquid wastes other than		Walana	Weighed Office in Ireland	Superdrain,NWCPO-	110 Elm Road Western Industrial Estate,,,Dublin

Link to previous years waste data Link to previous years waste summary data & percentage change Link to Waste Guidance Within the Country 15 01 03 No * Select a row by double-slocking the Description of Waste then click the delete button 1.88 wooden packaging R3 Z Osberstown Industrial Park, Caragh
Dolly Skip Hire, WFP- Road, Naas, County
Weighted Offsite in Ireland KE-14-0073-01 Kildare, Ireland