

Facility Information Summary

Licence Register Number
 Name of site
 Site Location
 NACE Code
 Class of Activity
 RBME risk category
 National Grid Reference (6E, 6 N)

W0169-01
Mulleady's Limited
Cloonagh, Drumlish, County Longford
3821
Principal Class of Activity 3.13
-7.7835 53.8063

A brief description of the activities/process at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance improvements which were measured during the reporting year;

Mulleady's Ltd is a waste recycling and transfer facility licenced to accept 95,000 tonnes of waste per annum. We operate three recycling Sheds. Recycling Shed No. 1 deals with all mixed waste from wheelie bins, skips and roll-ons. Recyclable elements are hand picked off, the waste is then shredded and trommelled. The oversize (over 50 mm) goes to landfill and the undersize (under 50 mm) comprising of waste fines goes to a composting plant for stabilisation. Recycling Shed No. 3 houses newly installed equipment and a picking station for the segregation of mixed dry recyclables loads from domestic, commercial and industrial outlets. New installed equipment and picking station in Shed 3 allowed Mulleady's to accept and process cca 900 tonnes more mixed dry recyclables compare to 2010. In 2011 Mulleady's produced high quality polymer separated PET and HDPE Bottles, Mixed Plastic Trays. Mulleady's accepted 20039.68 tonnes of material in reporting period 2011 of which 36% was sent to landfill, 47% recycled and 17% stabilised. By continuous introduction of Brown Bin to commercial and household customers we diverted 340 tonnes of Organic Waste from Landfill.

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.

	24/05/2012
Signature	Date
Group/Facility manager <small>(or nominated, suitably qualified and experienced deputy)</small>	

Resource usage/ Energy Efficiency

Additional information

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

[SEAI - Large Industry Energy Network \(LIEN\)](#)

NA	
no	
SELECT	

Table 1 Energy usage on site				
Energy Use	Previous year kWh	Current year kWh	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total				
Electricity	328900	345800	5.14%	
Fossil Fuels:	not applicable	not applicable	not applicable	
Heavy Fuel Oil	not applicable	not applicable	not applicable	
Light Fuel Oil	not applicable	not applicable	not applicable	
Natural gas	not applicable	not applicable	not applicable	
Coal/Solid fuel	not applicable	not applicable	not applicable	
Renewable energy generated on site				

* 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 2 Water usage on site				
Water use	Previous year m3/yr.	Current year m3/yr.	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Groundwater	not applicable	not applicable	not applicable	not applicable
Surface water	not applicable	not applicable	not applicable	not applicable
Public supply	2783	2765	-0.65%	
Total	2783	2765	-0.65%	

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

Noise Monitoring Report Summary

- 1 Was noise monitoring a licence requirement for the AER period? Yes
If yes please fill in table 1 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? [Draft Noise Guidance](#) Yes
- 3 Does your site have a noise reduction plan No
- 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? No

Table 1: 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)?
16/09/2011	12.20 am	N1		67.6	61.4	70.5	70.5	No	SELECT	Recycling Plant in operation	Yes
16/09/2011	10.20 am	N2	NSL	53.9	44.8	59.5	59.5	No		Traffic Noice. Busy roadway R198.	Yes
16/09/2011	11.10 am	N3	NSL	50.6	41.5	53.4	53.4	No		Traffic Noise R198.	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)

Environmental Management Programme (EMP)/Continuous Improvement Programme

Highlighted cells contain dropdown menu click to view

Additional Information

1	Do you maintain an Environmental Mangement System for the site. If yes, please detail in additional information	Yes	Submitted to Agency 28/2/2004
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes	89 Objectives and Targets, Projects, 3 new Objectives for 2012
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	Communication Procedure is part of Facility EMS

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
ISO 14001, ISO 9001 Standards Implementation	In order to improve environmental performance and provide assurance on environmental issues to external stakeholders -	30	Quotations from third party consultants has been obtained.	Managing Director, Environmental Manager	Improved Environmental Management Practices
Dust and Odour Control from Waste Transfer Buildings Upgrade	To improve existing dust and odour system at the facility and implement in new Shed 3.	100		Managing Director	Reduced emissions
Safe Access to Sampling and monitoring points SD1, SW1 and SW2	To provide safe access to surface water monitoring points in every weather condition.		Monitoring points were eliminated by Agency in MAy2011.	Managing Director	Improved Environmental Management Practices
Extension of existing Shed No.1, Shed No.2, Shed No. 3	To provide an extra roofed storage at the facility and divert loadings of outgoing material	10	Proposal layout drawings prepared by Turmec Engineering.	Managing Director	Installation of infrastructure
Tank, Bund Integrity Testing	The integrity of the existing tanks to be tested as required.	10	Requests for Quotation submitted to potential contractors.	Environmental Manager, Managing Director	Increased compliance with licence conditions

ELRA Report update	To update existing ELRA report according to Waste Licence requirements.	10	Quotations requests submitted to third party consultants.	Environmental Manager	Improved Environmental Management Practices
Facility Office extention	To extent existing Facility Office capacity.	50	New Facility office layout in place.	Managing Director	Installation of infrastructure

Environmental Liability Risk Assessment

		Commentary	
1	Is it a requirement of your licence to complete an ELRA?	Yes	
2	Has an initial ELRA been submitted to and approved by the Agency?	Yes	
3	Please enter the date of submission of the initial ELRA	Mar-04	
4	Date of most recent substantial ELRA update		
5	What financial instrument/s do you have in place to cover unknown liabilities?	Insurance	
6	Has this financial instrument/s been verified by the Agency?	Yes	
7	What is the date of expiry of this financial instrument?	Jul-12	
8	Date of next required review of the ELRA?	Dec-12	

9 Please list the top 10 risks assessed on your site in table 1 below

Table 1 ELRA summary information

Click here to access EPA guidance on ELRA		Operational Risk Assessment Category	SELECT	Mitigation measures to reduce risk			ELRA		Does the current financial provision (FP) cover the risk score?
Risk ID	Potential hazards	Environmental effect	Previous risk score	Action	Date of implementation of mitigation measures	Comment	Revised Risk score for current reporting year	ELRA costing	
Chemical storage	Bund failure resulting in spillage of hazardous chemicals on site	Surface water /soil/groundwater contamination	6	Infrastructural improvements	31/05/2009	Relined all bunds >10years old on site	3	€10,000	Yes
All processes where a fire risk occurs	Fire/ Explosion resulting from significant fire risks	Emission to Air	6	Capital Investment (Fire Alarms), Training and Operational Controls	Mar-04	New Fire alarms installed in 2011	3	€15	Yes
All processes where a fire risk occurs	Fire/ Explosion resulting from significant fire risks	Firewater emissions to receiving water in drains	6	Capital Investment (Fire Alarms), Training and Operational Controls	Mar-04	New Fire alarms installed in 2011	3	€15	Yes
Wastewater Treatment, Storage	Treatment System Leaking	Emmissions to Surface Water	6	Operational controls, Weekly inspections	Mar-04		3	€15	Yes
Wastewater Treatment, Storage	WTP- uncontrolled discharges	Emissions to surface water, ground water/soil	6	Operational controls, High Level Alarm in place, Maitenance	Mar-04		2	€15	Yes
Incoming Waste Processing	Any spill in storage area	Emissions to surface water	6	Emergency Response Procedures in place for spillages	Mar-04		2	€15	Yes
All processes where significant noise is produced	Noise emissions from various sources on site	Emissions to air which may effect human receptors	6	Noice Monitoring	Feb-04		2	€15	Yes
Waste Storage & Disposal	Spill from waste oil storage due to bund failure	Emission of oil to surface water	6	Daily inspections, Environmental Monitoring, Bund Intergrity Testing Procedure	Mar-04		2	€15	Yes
Waste Storage & Disposal	Lead Batteries Bund Leaking	Emisions to surface water	6	Daily inspections, Environmental Monitoring, Bund Intergrity Testing Procedure	Mar-04		2	€15	Yes
			SELECT	SELECT			SELECT		SELECT
			SELECT	SELECT			SELECT		SELECT
			SELECT	SELECT			SELECT		SELECT
			SELECT	SELECT			SELECT		SELECT
			SELECT	SELECT			SELECT		SELECT

e.g

Closure Restoration Aftercare Management Plan/ Restoration plan (CRAMP/RP)

1	Was a closure or restoration plan a requirement of the licence?	Yes	
2	Has a closure plan submission been approved by the Agency?	Yes	
3	What is the timescale for submission?		
4	What financial instrument do you have in place to cover known liabilities?	Insurance	
5	What is the date of expiry of this financial instrument?	Jul-12	
6	What is the status of implementation of the plan?	Site in operation	

Table 2 CRAMP summary information (NON Landfill)

Date of submission of plan	Risk category	Closure plan in place	Clean closure	Restoration Aftercare Management Plan	Change in Risk category since previous year	Increase in risk category	Does the current financial provision cover the risk score?	Value of current financial provision for site
27/09/2004	3	Yes	Yes	Yes	No	No	Yes	

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.+ where average indicates arithmetic mean

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

Table 2: Downgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	% change in average concentration previous year +/-	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
01/06/2011	GW-1	Ammoniacal Nitrogen as N		Monitored twice a year	<0.2		mg/l				SELECT
01/06/2011	GW-1	EPH Range>C10-C40		Monitored twice a year	<46		µg/l				
01/06/2011	GW-1	EPH Band .C28-C40(aq)		Monitored twice a year	<10		µg/l				
01/06/2011	GW-1	EPH Band > C10-C28 (aq)		Monitored twice a year	<10		µg/l				SELECT
20/09/2011	GW-1	Ammoniacal Nitrogen as N		Monitored twice a year	<0.2		mg/l				
20/09/2011	GW-1	EPH Range>C10-C40		Monitored twice a year	<46		µg/l				
20/09/2011	GW-1	EPH Band .C28-C40(aq)		Monitored twice a year	<10		µg/l				
20/09/2011	GW-1	EPH Band > C10-C28 (aq)		Monitored twice a year	<10		µg/l				
							SELECT				SELECT

* please note exceedance of a relevant Groundwater threshold value (GTV) at a representative monitoring point does not indicate non compliance, an exceedance triggers further investigation to confirm whether the criteria for poor groundwater chemical status are being met.

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

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

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

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

Additional information

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table 3 and 4 below for the current reporting year and answer further questions. If **you do not have** licenced emissions you only need to complete table 1 and /table 2 below for ambient monitoring and visual inspections

Yes	In 2011 the monitoring of surface water was carried out in accordance with Schedule D4 of the waste Licence. Daily visual inspections are carried out on the surface water point SD-1. June 2nd 2011 Mulleadys requested review of monitoring requirement of off-site surface water drain. Agency reviewed past 4 years monitoring data for SD-1, SW-1 and SW-2 and agreed to proposed reduction in monitoring locations under Condition 7.2 of the licence. Mulleadys continued to monitor surface water discharges at the on-site chamber downstream of the interceptors on a quarterly basis as per the licence requirements and visual inspections on a daily basis.
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2 Was it a requirement of your licence to carry out visual inspections on any surface water discharges or watercourses on or near your site? If yes please complete table 2 below summarising only any evidence of contamination noted during visual inspections

Yes	No evidence of contamination noted.
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Table 1 Ambient monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
	SELECT	SELECT	SELECT			SELECT		SELECT	SELECT	

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

Table 2 Visual inspections-Please only enter details where contamination was observed.

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

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

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

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

[External/Internal Lab Quality checklist](#) [Assessment of results checklist](#)

Table 3: Licensed Emissions to water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Date of Monitoring	Averaging period	ELV or trigger values in licence or any revision thereof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural reference source	Procedural reference standard number	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
SD1	Water	Suspended Solids	discrete	07/03/2011	SELECT	≤25 mg/l	All values < ELV	5.5	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.0020075		
SW-1	Water	Suspended Solids	discrete	07/03/2011		≤25 mg/l	All values < ELV	2	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.00073		

SW-2	Water	Suspended Solids	discrete	07/03/2011		≤25 mg/l	All values < ELV	<2	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872			
WWT -1	Wastewater/Sewer	Suspended Solids	discrete	07/03/2011		400 mg/l	All values < ELV	112	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.04088		
SD1	Water	Suspended Solids	discrete	01/06/2011		≤25 mg/l	All values < ELV	9	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.003285		
SW-1	Water	Suspended Solids	discrete	01/06/2011		≤25 mg/l	All values < ELV	3	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.001095		
SW-2	Water	Suspended Solids	discrete	01/06/2011		≤25 mg/l	All values < ELV	5	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.001825		
WWT -1	Wastewater/Sewer	Suspended Solids	discrete	01/06/2011		400 mg/l	All values < ELV	1310	mg/l	no	Alcontrol Laboratories Method: TM022, Determination of	B.S. (British Standard)	BS EN 872	0.47815		Waste Water transported to Longford Sewerage Works and treated as waste water.
SD1	Water	Suspended Solids	discrete	20/09/2011		≤25 mg/l	All values < ELV	22.5	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.0082125		
WWT -1	Wastewater/Sewer	Suspended Solids	discrete	20/09/2011		400 mg/l	All values < ELV	700	mg/l	no	Alcontrol Laboratories Method: TM022, Determination of	B.S. (British Standard)	BS EN 872	0.2555		Waste Water transported to Longford Sewerage Works and treated as waste water.
SD1	Water	Suspended Solids	discrete	28/11/2011		≤25 mg/l	All values < ELV	16.5	mg/l	yes	Alcontrol Laboratories Method: TM022, Determination of total suspended solids in waters	B.S. (British Standard)	BS EN 872	0.0060225		
WWT -1	Wastewater/Sewer	Suspended Solids	discrete	28/11/2011		400 mg/l	All values < ELV	2100	mg/l	no	Alcontrol Laboratories Method: TM022, Determination of	B.S. (British Standard)	BS EN 872	0.7665		Waste Water transported to Longford Sewerage Works and treated as waste water.
SD1	Water	BOD	discrete	07/03/2011		≤5 mg/l O2	All values < ELV	1.64	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.0005986		
SW-1	Water	BOD	discrete	07/03/2011		≤5 mg/l O2	All values < ELV	<1	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130			

SW-2	Water	BOD	discrete	07/03/2011		≤5 mg/l O2	All values < ELV	<1	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130			
WWT -1	Wastewater/Sewe	BOD	discrete	07/03/2011		400 mg/l	All values < ELV	64.6	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.023579		
SD1	Water	BOD	discrete	01/06/2011		≤5 mg/l O2	All values < ELV	2.31	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.00084315		
SW-1	Water	BOD	discrete	01/06/2011		≤5 mg/l O2	All values < ELV	1.09	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.00039785		
SW-2	Water	BOD	discrete	01/06/2011		≤5 mg/l O2	All values < ELV	1.22	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.0004453		
WWT -1	Wastewater/Sewe	BOD	discrete	01/06/2011		400 mg/l	All values < ELV	244	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.08906		
SD1	Water	BOD	discrete	20/09/2011		≤5 mg/l O2	All values < ELV	<10	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130			
WWT -1	Wastewater/Sewe	BOD	discrete	20/09/2011		400 mg/l	All values < ELV	927	mg/l	no	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.338355		
SD1	Water	BOD	discrete	28/11/2011		≤5 mg/l O2	All values < ELV	13.3	mg/l	yes	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered by Oxigen Meter on liquids	UK SCA "Blue Book" series	Blue Book 130	0.0048545		
WWT -1	Wastewater/Sewe	BOD	discrete	28/11/2011		400 mg/l	All values < ELV	1720	mg/l	no	Alcontrol Laboratories TM045, Determination of BOD5 (ATU) Filtered	UK SCA "Blue Book" series	Blue Book 130	0.6278		Waste Water transported to Longford Sewerage Works and treated as waste water.

SD1	Water	Ammoniacal Nitrogen as N	discrete	07/03/2011		0.02 mg/l N	All values < ELV	1.31	mg/l	yes	Alcontrol Laboratories, TM099, Determination of Ammonium in Water Samples using Kone Analyser	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.00047815		
SW-1	Water	Ammoniacal Nitrogen as N	discrete	07/03/2011		0.02 mg/l N	All values < ELV	<0.2	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984			
SW-2	Water	Ammoniacal Nitrogen as N	discrete	07/03/2011		0.02 mg/l N	All values < ELV	0.455	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.000166075		
WWT -1	Wastewater/Sewer	Ammoniacal Nitrogen as N	discrete	07/03/2011		100 mg/l	All values < ELV	2.9	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.0010585		
SD1	Wa	Ammoniacal Nitrogen as N	discrete	01/06/2011		0.02 mg/l N	All values < ELV	1.15	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.00041975		
SW-1	Water	Ammoniacal Nitrogen as N	discrete	01/06/2011		0.02 mg/l N	All values < ELV	0.246	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.00008979		
SW-2	Water	Ammoniacal Nitrogen as N	discrete	01/06/2011		0.02 mg/l N	All values < ELV	0.299	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.000109135		
WWT -1	Wastewater/Sewer	Ammoniacal Nitrogen as N	discrete	01/06/2011		100 mg/l	All values < ELV	6.69	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.00244185		
SD1	Water	Ammoniacal Nitrogen as N	discrete	20/09/2011		0.02 mg/l N	All values < ELV	1.97	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.00071905		

WWT -1	Wastewater/Sewer	Ammoniacal Nitrogen as N	discrete	20/09/2011		100 mg/l	All values < ELV	30	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.01095		
SD1	Water	Ammoniacal Nitrogen as N	discrete	28/11/2011		0.02 mg/l N	All values < ELV	2.1	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.0007665		
WWT -1	Wastewater/Sewer	Ammoniacal Nitrogen as N	discrete	28/11/2011		100 mg/l	All values < ELV	66.4	mg/l	yes	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.024236		
SD1	Water	COD	discrete	07/03/2011			All values < ELV	44.2	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.016133		
SW-1	Water	COD	discrete	07/03/2011			All values < ELV	31.4	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.011461		
SW-2	Water	COD	discrete	07/03/2011			All values < ELV	34.7	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0126655		
WWT -1	Wastewater/Sewer	COD	discrete	07/03/2011		1600 mg/l	All values < ELV	205	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.074825		
SD1	Wa	COD	discrete	01/06/2011			All values < ELV	43.3	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0158045		
SW-1	Water	COD	discrete	01/06/2011			All values < ELV	37.2	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.013578		

SW-2	Water	COD	discrete	01/06/2011			All values < ELV	33.1	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0120815		
WWT -1	Wastewater/Sewer	COD	discrete	01/06/2011		1600 mg/l	All values < ELV	775	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.282875		
SD1	Water	COD	discrete	20/09/2011			All values < ELV	46.4	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.016936		
WWT -1	Wastewater/Sewer	COD	discrete	20/09/2011		1600 mg/l	All values < ELV	1350	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.49275		
SD1	Water	COD	discrete	28/11/2011			All values < ELV	59.7	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	0.0217905		
WWT -1	Wastewater/Sewer	COD	discrete	28/11/2011		1600 mg/l	All values < ELV	3200	mg/l	yes	Alcontrol Laboratories, TM 107, Determination of Chemical Oxogen Demand using COD Dr Lange Kit	ISO	ISO 6060-1989	1.168		
SD1	Water	Conductivity	discrete	07/03/2011		1000 µS/cm	All values < ELV	0.638	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1970	0.00023287		
SW-1	Water	Conductivity	discrete	07/03/2011		1001 µS/cm	All values < ELV	0.277	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1971	0.000101105		
SW-2	Water	Conductivity	discrete	07/03/2011		1002 µS/cm	All values < ELV	0.396	mS/cm	yes	Alcontrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1972	0.00014454		

SD1	Water	Conductivity	discrete	01/06/2011		1003 µS/cm	All values < ELV	0.607	mS/cm	yes	Alconrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1973	0.000221555		
SW-1	Water	Conductivity	discrete	01/06/2011		1004 µS/cm	All values < ELV	0.412	mS/cm	yes	Alconrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1974	0.00015038		
SW-2	Water	Conductivity	discrete	01/06/2011		1005 µS/cm	All values < ELV	0.502	mS/cm	yes	Alconrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1975	0.00018323		
SD1	Water	Conductivity	discrete	20/09/2011		1006 µS/cm	All values < ELV	0.538	mS/cm	yes	Alconrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1976	0.00019637		
SD1	Water	Conductivity	discrete	28/11/2011		1007 µS/cm	All values < ELV	0.52	mS/cm	yes	Alconrol Laboratories, TM120, Determination of Electrical Conductivity using a Conductivity Meter	B.S. (British Standard)	BS 2690: Part 9:1977	0.0001898		
SD1	Water	Mineral oils	discrete	07/03/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
SW-1	Water	Mineral oils	discrete	07/03/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
SW-2	Water	Mineral oils	discrete	07/03/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
SD1	Water	Mineral oils	discrete	01/06/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				

SW-1	Water	Mineral oils	discrete	01/06/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
SW-2	Water	Mineral oils	discrete	01/06/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
SD1	Water	Mineral oils	discrete	20/09/2011		11 mg/l	All values < ELV	0.538	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria		0.00019637		
SD1	Water	Mineral oils	discrete	28/11/2011		5 mg/l	All values < ELV	<10	µ/l	yes	Alconrol Laboratories, TM172, EPH in Waters	Analysis of Petroleum Hydrocarbons in Environmental Media - Total petroleum Hydrocarbon Criteria				
WWT -1	Wastewater/Sewer	Sulphate	discrete	07/03/2011		1000 mg/l	All values < ELV	18.8	mg/l	yes	Alconrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.006862		
WWT -1	Wastewater/Sewer	Sulphate	discrete	01/06/2011		1000 mg/l	All values < ELV	46	mg/l	yes	Alconrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.01679		
WWT -1	Wastewater/Sewer	Sulphate	discrete	20/09/2011		1000 mg/l	All values < ELV	<2	mg/l	yes	Alconrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2			
WWT -1	Wastewater/Sewer	Sulphate	discrete	28/11/2011		1000 mg/l	All values < ELV	<2	mg/l	yes	Alconrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2			

WWT -1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	07/03/2011		10 mg/l	All values < ELV	0.202	mg/l	yes	Alcontrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.00007373		
WWT -1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	01/06/2011		10 mg/l	All values < ELV	1.71	mg/l	yes	Alcontrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.00062415		
WWT -1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	20/09/2011		10 mg/l	All values < ELV	0.559	mg/l	yes	Alcontrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.000204035		
WWT -1	Wastewater/Sewer	Ortho-phosphate (as PO4)	discrete	28/11/2011		10 mg/l	All values < ELV	0.355	mg/l	yes	Alcontrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.000129575		
WWT -1	Wastewater/Sewer	Fats, Oils and Greases	discrete	07/03/2011		100 mg/l	All values < ELV	9.16	mg/l	yes	Alcontrol Laboratories, TM225	The Determination of Hydrocarbon		0.0033434		
WWT -1	Wastewater/Sewer	Fats, Oils and Greases	discrete	01/06/2011		100 mg/l	All values < ELV	217	mg/l	no	Alcontrol Laboratories, TM235, Determination of Total Petroleum	The Determination of Hydrocarbon Oils in Waters by Solvent Extraction,		0.079205		Waste Water transported to Longford Sewerage Works and treated as waste water.
WWT -1	Wastewater/Sewer	Fats, Oils and Greases	discrete	20/09/2011		100 mg/l	All values < ELV	174	mg/l	no	Alcontrol Laboratories, TM235, Determination of Total Petroleum	The Determination of Hydrocarbon Oils in Waters by Solvent Extraction,		0.06351		Waste Water transported to Longford Sewerage Works and treated as waste water.
WWT -1	Wastewater/Sewer	Fats, Oils and Greases	discrete	28/11/2011		100 mg/l	All values < ELV	1040	mg/l	no	Alcontrol Laboratories, TM235, Determination of Total Petroleum	The Determination of Hydrocarbon Oils in Waters by Solvent Extraction,		0.3796		Waste Water transported to Longford Sewerage Works and treated as waste water.
SD1	Water	pH	discrete	07/03/2011		6.0 - 9.0	No pH value shall deviate from the	8.05	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00293825		
SW-1	Water	pH	discrete	07/03/2011		6.0 - 9.0	No pH value shall deviate from the	8.22	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.0030003		
SW-2	Water	pH	discrete	07/03/2011		6.0 - 9.0	No pH value shall deviate from the	8.16	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.0029784		
WWT -1	Wastewater/Sewer	pH	discrete	07/03/2011		6.0 - 9.0	No pH value shall deviate from the	7.72	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.0028178		
SD1	Water	pH	discrete	01/06/2011		6.0 - 9.0	No pH value shall deviate from the	7.99	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00291635		
SW-1	Water	pH	discrete	01/06/2011		6.0 - 9.0	No pH value shall deviate from the	7.97	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00290905		
SW-2	Water	pH	discrete	01/06/2011		6.0 - 9.0	No pH value shall deviate from the	8.01	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00292365		
WWT -1	Wastewater/Sewer	pH	discrete	01/06/2011		6.0 - 9.0	No pH value shall deviate from the	7.67	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00279955		
SD1	Water	pH	discrete	20/09/2011		6.0 - 9.0	No pH value shall deviate from the	7.39	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00269735		
WWT -1	Wastewater/Sewer	pH	discrete	20/09/2011		6.0 - 9.0	No pH value shall deviate from the	6.84	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.0024966		
SD1	Water	pH	discrete	28/11/2011		6.0 - 9.0	No pH value shall deviate from the	8.13	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.00296745		
WWT -1	Wastewater/Sewer	pH	discrete	28/11/2011		6.0 - 9.0	No pH value shall deviate from the	7.02	ph Units	yes	Alcontrol Laboratories, TM256	The measurement of Electrical		0.0025623		
SG-1	Water	Suspended Solids	discrete	12/12/2011		30	All values < ELV	9	mg/l	yes	Alcontrol Laboratories TM045	UK SCA "Blue Book" series	Blue Book 130	0.003285		
SG-2	Water	BOD	discrete	12/12/2011		20	All values < ELV	6.75	mg/l	yes	Alcontrol Laboratories TM045	UK SCA "Blue Book" series	Blue Book 130	0.00246375		

SG-3	Water	Ammoniacal Nitrogen as N	discrete	12/12/2011		5	All values < ELV	7.1	mg/l	no (if no please enter details in comments box)	Alcontrol Laboratories, TM061, Determination of Extractable Petroleum Hydrocarbons by GC-FID (C10-C40)	B.S. (British Standard)	BS 2690: Part7: 1968 / BS 6068: Part2.11:1984	0.0025915		This result exceeds our licence limit of 5 mg/l. We will continue with applying new operation procedures and Monitoring Ammoniacal Nitrogen as N emissions and if necessary more frequent desludging will be applied.
SG-4	Water	Nitrate as NO3	discrete	12/12/2011			All values < ELV	6.92	mg/l	yes	Alcontrol Laboratories, TM184, The Determination of Anions in Aqueous Matrices using the Kone Spectrophotometric Analysers	EPA	Methods 325.1 & 325.2	0.0025258		
SG-5	Water	pH	discrete	12/12/2011		6.0 - 9.0	No pH value shall deviate from the specified range.	7.59	ph Units	yes	Alcontrol Laboratories, TM256, Determination of pH in Waters and Leachate using the GLpH pH Meter	The measurement of Electrical Conductivity and the Laboratory determination of pH Value of Natural, Treated and Wastewaters. HMSO, 1978. ISBN 011751428 15		0.00277035		

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

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

Continuous monitoring

Additional Information

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

If yes please summarise your continuous monitoring data below in Table 4 and compare it to its relevant Emission Limit Value (ELV)

6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 4 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 5 below

Table 4: 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)	% compliance current reporting year	Comments
	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>		<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>					
	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>		<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>	<input type="text" value="SELECT"/>					

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

Table 5: Abatement system bypass reporting table

Date	Duration (hours)	Location	Resultant emissions	Reason for bypass	Corrective action*	Was a report submitted to the EPA?	When was this report submitted?
						<input type="text" value="SELECT"/>	

*Measures taken or proposed to reduce or limit bypass frequency

AER summary template-AIR emissions

1 Does your site have licensed air emissions? If yes please complete table 1, 2 and 3 below for the current reporting year and answer further questions. If **you do not have** licenced emissions and **do not complete a solvent management plan** (table 5 and 6) you only need to complete table 1 fugitive emissions on site below

Additional information	
Yes	During the reporting period three set of results were obtained for dust. Standard method VDI12119 (Measurement of Dustfall, Determination of Dustfall using Bergerhoff Instrument (Standard Method) German Engineering Institute) was utilized for analysis. Dustfall measurements were taken twice during the period May to September. Sampling points were reduced to three with the agreement of the Agency (D2 was excluded as results from this point are not re-representative of the waste facility.) No exceedance of licence limit was recorded within monitoring period.

Table 1 Fugitive emissions

Parameter /Substance	Annual fugitive emission (kg/annum)	Quantification method M/C/E
Dust	0.007763	M

Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of Table 2 below

No	
Yes	

3 Was all monitoring carried out in accordance with EPA guidance note AG2 [Basic air monitoring checklist](#) and using the basic air monitoring checklist? [AGN2](#)

Table 2: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Date of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	% change in mass load from previous year +/-	Comments
No. 1 D1	Dust	03/05/2011 - 1/06/2011	No	350 mg/m2/day	25.1	mg/m2/day	yes	Dust is collected using	0.0091615	-22.05%	
No. 1 D3	Dust	03/05/2011 - 1/06/2011	No	350 mg/m2/day	26.1	mg/m2/day	yes	Dust is collected using	0.0095265	34.54%	
No.1 D4	Dust	03/05/2012 - 1/06/2012	No	350 mg/m2/day	11.8	mg/m2/day	yes	Dust is collected using	0.004307	-62.78%	
No.2 D1	Dust	18/08/2011 - 16/09/2011	No	350 mg/m2/day	31.7	mg/m2/day	yes	Dust is collected using	0.0115705	-66.24%	

No. 2 D3	Dust	18/08/2011 - 16/09/2011	No	350 mg/m2/day	20.6	mg/m2/day	yes	Dust is collected using	0.007519	15.73%	
No. 2 D4	Dust	18/08/2011 - 16/09/2011	No	350 mg/m2/day	25.6	mg/m2/day	yes	Dust is collected using	0.009344	-7.91%	
No.3 D1	Dust	27/10/2011 - 25/11/2011	No	350 mg/m2/day	33.3	mg/m2/day	yes	Dust is collected using	0.0121545	-41.06%	
No 3. D3	Dust	27/10/2011 - 25/11/2011	No	350 mg/m2/day	13.9	mg/m2/day	yes	Dust is collected using	0.0050735	-23.63%	
No 3.D4	Dust	27/10/2011 - 25/11/2011	No	350 mg/m2/day	3.33	mg/m2/day	yes	Dust is collected using	0.00121545	-49.55%	
						mg/m2/day	yes	SELECT			
						mg/m2/day	yes	SELECT			
	SELECT			SELECT		SELECT	SELECT	SELECT			

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

Continuous Monitoring

4 Does your site carry out continuous air emissions monitoring?

If yes please review your continuous monitoring data and report the required fields below in Table 3 and compare it to its relevant Emission Limit Value (ELV)

5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below

6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?

7 Did your site experience any abatement system bypasses? If yes please detail them in table 4 below

Table 3: Summary of average emissions -continuous monitoring

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

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

Table 4: Abatement system bypass reporting table

[Bypass protocol](#)

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

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

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

