

Facility Information Summary	
AER Reporting Year	2015
Licence Register Number	W0002-02
Name of site	Ballyguyroe Landfill
Site Location	Ballyguyroe North, Kildorrey Mallow Co. Cork
NACE Code	
Class/Classes of Activity	
National Grid Reference (6E, 6 N)	
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.	<p>The landfill facility at Ballyguyroe North has been in operation since 1990, accepting waste at an annual rate of approx 20,000 tonnes . The site reached full capacity and closed for the acceptance of waste on Thursday 27th September 2001. Cork County Council held a waste licence (Register No. 2-1) to operate Ballyguyroe landfill site until March 15th 2004, when it obtained a new licence (register No 2-2/W 002-02). In accordance with the requirements of Condition 11.3 of the waste licence, an AER for the facility is submitted to the agency annually in March. Ballyguyroe landfill site occupies approx 15 hectares and is located 6km north-west of the village of Kildorrey. The site lies in the Blackwater catchment with the Farahy River flowing southwards within the valley outside the eastern boundary. Surface water from the site drains in to this river. The AER for Ballyguyroe Landfill comprises of Ground water sampling carried out on a quarterly and annual basis- Surface water sampling carried out on a monthly/ quarterly and annual basis, while leachate sampling is carried out annually. Weekly leachate dipping and monthly gas monitoring are also carried out. Weather conditions are also noted on a weekly basis. The majority of sampling for ground water were compliant, with the exception of high ammonia in 96 4d and 96 3d during 2015. Surface water sampling were compliant with licence conditions during 2015. Additional, to licence conditions, historical monitoring of group water schemes and private domestic wells were carried out. All private well owners received results along . The ground water quality in this</p>



Declaration:

All the data and information presented in this report has been checked and certified as being accurate. The quality of the information is assured to meet licence requirements.

<i>J O'Brien</i>	24/06/2016
Signature	Date
Group/Facility manager	
(or nominated, suitably qualified and experienced deputy)	

AIR-summary template Lic No: W0002-02 Year 2015

Answer all questions and complete all tables where relevant

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

No	Additional information
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Periodic/Non-Continuous Monitoring

2 Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below

No	
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3 Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist? [Basic air monitoring checklist](#) [AGN2](#)

SELECT	NA
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Table A1: Licensed Mass Emissions/Ambient data-periodic monitoring (non-continuous)

Emission reference no:	Parameter/ Substance	Frequency of Monitoring	ELV in licence or any revision thereof	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence limit	Method of analysis	Annual mass load (kg)	Comments - reason for change in % mass load from previous year if applicable
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		
	SELECT			SELECT		SELECT	SELECT	SELECT		

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

AIR-summary template	Lic No: W0002-02	Year: 2015
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)	No	NA
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table 3 below	No	NA
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	No	NA
7	Did your site experience any abatement system bypasses? If yes please detail them in table 4 below	No	

Table A2: Summary of average emissions -continuous monitoring

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

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

Table A3: Abatement system bypass reporting table [Bypass protocol](#)

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

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

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

AIR-summary template		Lic No: W0002-02	Year: 2015	
Solvent use and management on site				
8 Do you have a total Emission Limit Value of direct and fugitive emissions on site? if yes please fill out tables A4 and A5			No	
Table A4: Solvent Management Plan Summary		Solvent regulations Please refer to linked solvent regulations to complete table 5 and 6		
Total VOC Emission limit value				
Reporting year	Total solvent input on site (kg)	Total VOC emissions to Air from entire site	Total VOC emissions as %of solvent	
			Total Emission Limit Value (ELV) in licence or any revision thereof	
			Compliance	
			SELECT	
			SELECT	
Table A5: Solvent Mass Balance summary				
	(I) Inputs (kg)	(O) Outputs (kg)		
Solvent	(I) Inputs (kg)	Organic solvent emission in	Solvents lost in water (kg)	Collected waste solvent (kg)
				Total

Additional information

1 Does your site have licensed emissions direct to surface water or direct to sewer? If yes please complete table W2 and W3 below for the current reporting year and answer further questions. If you do not have licensed emissions you only need to complete table W1 and or W2 for surface water analysis and visual inspections

no

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

no

Table W1 Surface water monitoring

Location reference	Location relative to site activities	PRTR Parameter	Licensed Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
SS2	downstream		pH	Quarterly	No ELV or trigger levels	N/A	7	pH units	yes	Median Vaalue for 2015
SS2	downstream		Temperature	Quarterly	No ELV or trigger levels	N/A	12.57	degrees C	yes	Median Vaalue for 2015
SS2	downstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	98	µS/cm@25oC	yes	Median Vaalue for 2015
SS2	downstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	9.11	mg/L	yes	Median Vaalue for 2015
SS2	downstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	17.17	mg/L	yes	Median Vaalue for 2015
SS2	downstream		BOD	Quarterly	No ELV or trigger levels	N/A	7	mg/L	yes	Median Vaalue for 2015
SS2	downstream		COD	Quarterly	No ELV or trigger levels	N/A	65	mg/L	yes	Median Vaalue for 2015
SS2	downstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	0.05	mg/L	yes	Median Vaalue for 2015
SS2	downstream		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	8.25	mg/L	yes	Median Vaalue for 2015
SS2	downstream	Chromium and compounds (as Cr)		Annual	N		1.5	µg/L	y	Annual results 2015
SS2	downstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result
SS2	downstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result
SS2	downstream		Iron	Annual	No ELV or trigger levels	N/A	894	µg/L	yes	Annual result
SS2	downstream	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result
SS2	downstream		Magnesium	Annual	No ELV or trigger levels	N/A	1.89	µg/L	yes	Annual result
SS2	downstream		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	51.1	µg/L	yes	Annual result
SS2	downstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	µg/L	yes	Annual result
SS2	downstream		Potassium Sulphate	Annual	No ELV or trigger levels	N/A	2.37	mg/L	yes	Annual result
SS2	downstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual result
SS2	downstream		Zinc and compounds (as Zn)	Annual	No ELV or trigger levels	N/A	<25	µg/L	yes	Annual result
SS2	downstream		Total phosphorus	Annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual result
SS5@V2	onsite		pH	Quarterly	No ELV or trigger levels	N/A	7.9	pH units	yes	Median Vaalue for 2015
SS5@V2	onsite		Temperature	Quarterly	No ELV or trigger levels	N/A	12.57	degrees C	yes	Median Vaalue for 2015
SS5@V2	onsite		Conductivity	Quarterly	No ELV or trigger levels	N/A	291	µS/cm@25oC	yes	Median Vaalue for 2015
SS5@V2	onsite	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	12.6	mg/L	yes	Median Vaalue for 2015
SS5@V2	onsite		BOD	Quarterly	No ELV or trigger levels	N/A	2.55	mg/L	yes	Median Vaalue for 2015
SS5@V2	onsite		COD	Quarterly	No ELV or trigger levels	N/A	31.7	mg/L	yes	Median Vaalue for 2015
SS5@V2	onsite		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	0.03	mg/L	yes	Median Vaalue for 2015
SS5@V2	onsite		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	14	mg/L	yes	Median Vaalue for 2015
SS5@V2	onsite	Chromium and compounds (as Cr)		Quarterly	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual results for 2015
SS5@V2	onsite	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual results for 2015
SS5@V2	onsite	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
SS5@V2	onsite		Iron	Annual	No ELV or trigger levels	N/A	218	µg/L	yes	Annual result for 2015
SS5@V2	onsite	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
SS5@V2	onsite		Magnesium	Annual	No ELV or trigger levels	N/A	3.22	µg/L	yes	Annual result for 2015
SS5@V2	onsite		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	4.6	µg/L	yes	Annual result for 2015
SS5@V2	onsite	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	µg/L	yes	Annual result for 2015

rns summary template-WATER/WASTEWATER(SEWER)				Lic No:	W0002-02	Year	2015			
SS5@V2	onsite		Potassium	Annual	No ELV or trigger levels	N/A	1.88	mg/L	yes	Annual result for 2015
SS5@V2	onsite		Sulphate	Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual result for 2015
SS5@V2	onsite		Total Oxidised Nitrogen (TON)	Annual			<0.2	mg/L	yes	Annual result for 2015
SS5@V2	onsite	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	<25	µg/L	yes	Annual result for 2015
SS5@V2	onsite	Total phosphorus		Annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual result for 2015
SS5	downstream		pH	Quarterly	No ELV or trigger levels	N/A	8	pH units	yes	Annual result for 2015
SS5	downstream		Temperature	Quarterly	No ELV or trigger levels	N/A	13.25	degrees C	yes	Median Vaule for 2015
SS5	downstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	230	µS/cm@25oC	yes	Median Vaule for 2015
SS5	downstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	9.48	mg/L	yes	Median Vaule for 2015
SS5	downstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	14	mg/L	yes	Median Vaule for 2015
SS5	downstream		BOD	Quarterly	No ELV or trigger levels	N/A	3.47	mg/L	yes	Median Vaule for 2015
SS5	downstream		COD	Quarterly	No ELV or trigger levels	N/A	30	mg/L	yes	Median Vaule for 2015
SS5	downstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	0.08	mg/L	yes	Median Vaule for 2015
SS5	downstream		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	9.33	mg/L	yes	Median Vaule for 2015
SS5	downstream	Chromium and compounds (as Cr)		Annual			1.8	µg/L	yes	
SS5	downstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	1.3	µg/L	yes	Annual result for 2015
SS5	downstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	1.9	µg/L	yes	Annual result for 2015
SS5	downstream		Iron	Annual	No ELV or trigger levels	N/A	121	µg/L	yes	Annual result for 2015
SS5	downstream	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	1.2	µg/L	yes	Annual result for 2015
SS5	downstream		Magnesium	Annual	No ELV or trigger levels	N/A	2.64	µg/L	yes	Annual result for 2015
SS5	downstream		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	4.2	µg/L	yes	Annual result for 2015
SS5	downstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	µg/L	yes	Annual result for 2015
SS5	downstream		Potassium	Annual	No ELV or trigger levels	N/A	1.17	mg/L	yes	Annual result for 2015
SS5	downstream		Sulphate	Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual result for 2015
SS5	downstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	<0.2	mg/L	yes	Annual result for 2015
SS5	downstream	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	<25	µg/L	yes	Annual result for 2015
SS5	downstream	Total phosphorus		annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual result for 2015
RS1	downstream		pH		No ELV or trigger levels	N/A	7	pH units	yes	Median vaule for 2015
RS1	downstream		Temperature		No ELV or trigger levels	N/A	11.67	degrees C	yes	Median vaule for 2015
RS1	downstream		Conductivity		No ELV or trigger levels	N/A	94	µS/cm@25oC	yes	Median vaule for 2015
RS1	downstream		Dissolved Oxygen	mg/l	No ELV or trigger levels	N/A	9.33	mg/L	yes	Median vaule for 2015
RS1	downstream	Chlorides (as Cl)		mg/l	No ELV or trigger levels	N/A	16.8	mg/L	yes	Median vaule for 2015. Tidal influence
RS1	downstream		BOD	mg/l	No ELV or trigger levels	N/A	6	mg/L	yes	Median vaule for 2015
RS1	downstream		COD	mg/l	No ELV or trigger levels	N/A	60	mg/L	yes	Median vaule for 2015
RS1	downstream		Ammonia (as N)	mg/l	No ELV or trigger levels	N/A	0.03	mg/L	yes	Median vaule for 2015
RS1	downstream		Suspended Solids	mg/l	No ELV or trigger levels	N/A	10	mg/L	yes	Median vaule for 2015
RS1	downstream	Chromium and compounds (as Cr)		ug/l			<1	µg/L	yes	annual result
RS1	downstream	Copper and compounds (as Cu)		ug/l	No ELV or trigger levels	N/A	<1	µg/L	yes	Median vaule for 2015
RS1	downstream	Cadmium and compounds (as Cd)		ug/l	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS1	downstream		Iron	ug/l	No ELV or trigger levels	N/A	375	µg/L	yes	Annual result for 2015
RS1	downstream	Lead and compounds (as Pb)		ug/l	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS1	downstream		Magnesium	mg/l	No ELV or trigger levels	N/A	2.32	µg/L	yes	Annual result for 2015
RS1	downstream		Manganese (as Mn)	ug/l	No ELV or trigger levels	N/A	26.5	µg/L	yes	Annual result for 2015. EGS limit is 50mg/L
RS1	downstream	Mercury and compounds (as Hg)		ug/l	No ELV or trigger levels	N/A	<0.5	µg/L	yes	Annual result for 2015.
RS1	downstream		Potassium	mg/l	No ELV or trigger levels	N/A	1.54	mg/L	yes	Annual result for 2015
RS1	downstream		Sulphate	mg/l			<0.5	mg/L	yes	Annual result for 2015.
RS1	downstream		Total Oxidised Nitrogen (TON)	mg/l	No ELV or trigger levels	N/A	0.22	mg/L	yes	Annual result for 2015
RS1	downstream	Zinc and compounds (as Zn)		ug/l	No ELV or trigger levels	N/A	<25	µg/L	yes	Annual result for 2015
RS1	downstream	Total phosphorus		mg/k	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual result for 2015
RS2	upstream		pH	Quarterly	No ELV or trigger levels	N/A	7	pH units	yes	Median vaule for 2015

Emission summary template-WATER/WASTEWATER(SEWER)						Lic No:	W0002-02	Year	2015	
RS2	upstream		Temperature	Quarterly	No ELV or trigger levels	N/A	13.4	degrees C	yes	Median vaule for 2015
RS2	upstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	98	µS/cm@25oC	yes	Median vaule for 2015
RS2	upstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	9.18	mg/L	yes	Median vaule for 2015
RS2	upstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	16	mg/L	yes	Median vaule for 2015
RS2	upstream		BOD	Quarterly	No ELV or trigger levels	N/A	4.25	mg/L	yes	Median vaule for 2015
RS2	upstream		COD	Quarterly	No ELV or trigger levels	N/A	43	mg/L	yes	Median vaule for 2015
RS2	upstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	0.04	mg/L	yes	Median vaule for 2015
RS2	upstream		Suspended Solids	Annual		n/a	12.25	mg/L	yes	Annual results
RS2	upstream	Chromium and compounds (as Cr)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS2	upstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS2	upstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS2	upstream		Iron	Annual	No ELV or trigger levels	N/A	379	µg/L	yes	Annual result for 2015
RS2	upstream	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	<1	µg/L	yes	Annual result for 2015
RS2	upstream		Magnesium	Annual	No ELV or trigger levels	N/A	2.3	µg/L	yes	Annual result for 2015
RS2	upstream		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	28.5	µg/L	yes	Annual result for 2015
RS2	upstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	µg/L	yes	Annual result for 2015
RS2	upstream		Potassium	Annual	No ELV or trigger levels	N/A	0.75	mg/L	yes	Annual result for 2015
RS2	upstream		Sulphate	Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual result for 2015
RS2	upstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	0.2	mg/L	yes	Annual result for 2015
RS2	upstream	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	<25	µg/L	yes	Annual result for 2015
RS2	upstream	Total phosphorus		Annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual result for 2015

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	Additional information
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

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

Water and /or wastewater (sewer)-periodic monitoring (non-continuous)

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof 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)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			

rick 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?	No

If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)

6	Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	SELECT
7	Do you have a proactive service contract for each piece of continuous monitoring equipment on site?	SELECT
8	Did abatement system bypass occur during the reporting year? If yes please complete table W5 below	SELECT

Summary of average emissions -continuous monitoring

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

% flow shall be included as a reportable parameter.

Abatement system bypass reporting table

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

in or proposed to reduce or limit bypass frequency

Bund testing

dropdown menu click to see options

Additional information

Are you required by your licence to undertake integrity testing on bunds and containment structures? if yes please fill out table B1 below listing all **new bunds and containment structures** on site, in addition to all bunds which failed the integrity test- all bunding structures which failed including mobile bunds must be listed in the table below

- 1 Please provide integrity testing frequency period
- Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps and containers? (containers refers to "Chemstore" type units and mobile bunds)
- 2 How many bunds are on site?
- 3 How many of these bunds have been tested within the required test schedule?
- 4 How many mobile bunds are on site?
- 5 Are the mobile bunds included in the bund test schedule?
- 6 How many of these mobile bunds have been tested within the required test schedule?
- 7 How many sumps on site are included in the integrity test schedule?
- 8 How many of these sumps are integrity tested within the test schedule?

Yes	
3 years	
No	
No	
No	

Please list any sump integrity failures in table B1

- 9 Do all sumps and chambers have high level liquid alarms?
- 10 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?

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

Bund/Containment structure ID	Type	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
Leachate Lagoon	other (please specify)	HDPE lined	Landfill leachate	1000m3	1000m3	Other (please specify)	Electric leak location		Yes	Pass		SELECT		None
	SELECT					SELECT			SELECT	SELECT		SELECT		

* Capacity required should comply with 20% or 110% containment rule *as detailed in your licence*
 Has integrity testing been carried out in accordance with licence requirements and are all structures tested

- 14 in line with BS8007/EPA Guidance?
- 15 Are channels/transfer systems to remote containment systems tested?
- 16 Are channels/transfer systems compliant in both integrity and available volume?

[bunding and storage guidelines](#)

Commentary	
Yes	
No	NA
No	NA

Pipeline/underground structure testing

Are you required by your licence to undertake integrity testing on underground structures e.g. pipelines or sumps etc? if yes please fill out table 2 below listing all underground structures and pipelines on site **which failed the integrity test**

No	
SELECT	

Table B2: Summary details of pipeline/underground structures integrity test

Structure ID	Type system	Material of construction:	Does this structure have Secondary containment?	Type of secondary containment	Type integrity testing	Integrity reports maintained on site?	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year)
	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT	SELECT				SELECT

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

soil monitoring template		Lic No:	W0002-02	Year	2015
				Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes			
2	Are you required to carry out soil monitoring as part of your licence requirements?	no			
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no			
4	Is there contaminated land and /or groundwater on site? If yes please answer q's 5-12	no			
5	Is the contamination related to operations at the facility (either current and/or historic)	SELECT			
6	Have actions been taken to address contamination issues? If yes please summarise remediation strategies proposed/undertaken for the site	SELECT			
7	Please specify the proposed time frame for the remediation strategy	SELECT			
8	Is there a licence condition to carry out/update ELRA for the site?	SELECT			
9	Has any type of risk assessment been carried out for the site?	yes			
10	Has a Conceptual Site Model been developed for the site?	yes			
11	Have potential receptors been identified on and off site?	yes			
12	Is there evidence that contamination is migrating offsite?	SELECT			

groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	SW EQS	Upward trend in pollutant concentration over last 5 years of monitoring data
Quarterly	981s	pH	Meter	Quarterly	7.1	7	SELECT		9.5	no
Quarterly		Temp	Meter	Quarterly	10	8.6			25	no
Quarterly		Elec.Conductivity	Meter	Quarterly	563	546			1000	no
Quarterly		Chlorides	titration	Quarterly	18.6	17.5	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	ISE	Quarterly	0.08	0.055	mg/l			no
19/8/2015		Iron	ICP	annual	0.014		ug/l		0.2	no
19/8/2016		TON	HACH	annual			ug/l		No abnormal change	no
quarterly		TOC	TOC analyser	Quarterly	6	3.8	mg/l			no
19/8/2015		Cadmium	ICP	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Chromium (total)	ICP	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Copper	COLORIMETRY	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	ICP	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	ICP	Annual	<1	<1	ug/l		0.01	no
19/8/2015		Manganese	ICP	Annual	10.61	10.61	mg/l		50	no
19/8/2015		Manganese	ICP	Annual	139	139	ug/l		0.05	no
19/8/2015		Mercury	ICP	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	ICP	Annual	<1	<1	ug/l		0.02	no
19/8/2015		Potassium	ICP	Annual	2.11	2.11	mg/l		5	no
19/8/2015		Sulphate	Aquakem auto analyser	Annual	<0.5	<0.5	mg/l		200	no
19/8/2015		Total Alkalinity	icp	Annual	335	335	mg/l			no
19/8/2015		Total Phosphorus	spectrophotometry apha	Annual	0.75	0.75	mg/l			no
19/8/2015		Naphthalene	GC-MS	Annual	<0.01	<0.01	ug/l		0.5	no

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19/8/2015		Acenaphthylene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Anthracene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Chrysene	GC-MS	Annual	<0.01	<0.01	ug/l	1	no
19/8/2015		Fluoranthene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Fluorene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Pyrene	GC-MS	Annual	<0.01	<0.01	ug/l	12	no
19/8/2015		Phenanthrene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bromodichloromethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Bromoform	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Chloroform	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Dibromochloromethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Dibromochloromethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Vinyl Chloride	GC-MS	Annual	<1	<1	ug/l	2	no
19/8/2015		Chloromethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Trichloroethene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Bromomethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Trichloromonofluoromethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		11 Dichloroethene	GC-MS	Annual	<1	<1	ug/l	0.03	no
19/8/2015		Chloromethane	GC-MS	Annual			ug/l	0.1	no
19/8/2015		1,1-dichloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		11 Dichloropropene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,2 dichloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,2-dichloropropane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,1,1-trichloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		112 Trichloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,3-dichloropropane	GC-MS	Annual			ug/l		no
19/8/2015		2-Hexanone	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,2-dibromoethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Chlorobenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,1,1,2-tetrachloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Ethylbenzene	GC-MS	Annual			ug/l		no
19/8/2015		Xylene P&M	GC-MS	Annual			ug/l		no
19/8/2015		Styrene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Isopropylbenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,1,1,2-tetrachloroethane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,2,3-trichloropropane	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Propylbenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		2-chlorotoluene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		4-chlorotoluene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,3,5-trimethylbenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Tert Butyl Benzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		1,2,4-trimethylbenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		sec-butylbenzene	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		Pentachlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Tetrachloroethene	GC-MS	Annual			ug/l		no
19/8/2015		Hexachlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Hexachlorobutadiene	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4,6-Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dimethylphenol	GC-MS	Annual	<0.01	<0.01	ug/l		no

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19/8/2015		2-Chlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	GC-MS	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	GC-MS	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	GC-MS	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	GC-MS	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	GC-MS	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		4-Chloro-3-methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		4-Chlorophenyl phenyl ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Di-n-octylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	GC-MS	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Acetone	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	GC-MS	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	GC-MS	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	GC-MS	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	GC-MS	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	GC-MS	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	GC-MS	Annual			ug/l			no
19/8/2015		Carbon Disulphide	GC-MS	Annual			ug/l			no
19/8/2015		Allyl Chloride	GC-MS	Annual			ug/l			no

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19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	GC-MS	Annual			ug/l		no
19/8/2015		Propanenitrile	GC-MS	Annual			ug/l		no
19/8/2015		Trans-1,2 Dichloroethene	GC-MS	Annual			ug/l		no
19/8/2015		MtBE	GC-MS	Annual			ug/l		no
19/8/2015		2,2-dichloropropane	GC-MS	Annual	<1	<1	ug/l	1	no
19/8/2015		cis-12 Dichloroethene	GC-MS	Annual			ug/l		no
19/8/2015		2-Butanone	GC-MS	Annual			ug/l	10	no
19/8/2015		Methyl Acrylate	GC-MS	Annual			ug/l		no
19/8/2015		Bromochloromethane	GC-MS	Annual			ug/l		no
19/8/2015		Methacrylonitrile	GC-MS	Annual			ug/l		no
19/8/2015		1-Chlorobutane	GC-MS	Annual			ug/l		no
19/8/2015		Carbon Tetrachloride	GC-MS	Annual			ug/l		no
19/8/2015		Dibromomethane	GC-MS	Annual			ug/l		no
19/8/2015		Methyl Methacrylate	GC-MS	Annual			ug/l		no
19/8/2015		13 Dichloropropene,cis	GC-MS	Annual	<1	<1	ug/l		no
19/8/2015		MIBK/4 Methyl 2 Pentanone	GC-MS	Annual			ug/l		no
19/8/2015		1,3 Dichloropropene,trans	GC-MS	Annual			ug/l		no
19/8/2015		Ethyl Methacrylate	GC-MS	Annual			ug/l		no
19/8/2015		Bromobenzene	GC-MS	Annual			ug/l		no
19/8/2015		Trans 14 Dichloro 2 Butene, tran	GC-MS	Annual			ug/l		no
19/8/2015		P Isopropyltoluene	GC-MS	Annual			ug/l		no
19/8/2015		N Butyl Benzene	GC-MS	Annual			ug/l		no
19/8/2015		1,2-dibromo-3-chloropropane	GC-MS	Annual			ug/l		no
19/8/2015		1,2,3-trichlorobenzene	GC-MS	Annual			ug/l		no
19/8/2015		Mecoprop	GC-MS	Annual	<0.1	<0.1	ug/l		no
19/8/2015		Bentazone	GC-MS	Annual			ug/l		no
19/8/2015		Simazine	GC-MS	Annual	<0.1	<0.1	ug/l		no
Quarterly	98 1D	pH		Quarterly	6.7	6.5	SELECT	9.5	no
Quarterly		Temp		Quarterly	9.8	8.5		25	no
Quarterly		Elec. Conductivity		Quarterly	510	287		1000	no
Quarterly		Chlorides		Quarterly	510	287	mg/l	250	no
19/8/2015		Ammoniacal Nitrogen		Quarterly	<0.02	<0.01	mg/l		no
19/8/2016		Iron		annual	0.022		ug/l	0.2	no
quarterly		TON		annual			ug/l	No abnormal change	no
19/8/2015		TOC		Quarterly	2.7	2.6	mg/l		no
19/8/2015		Cadmium		Annual	<1	<1	ug/l	0.005	no
19/8/2015		Chromium (total)		Annual	<1	<1	ug/l	0.03	no
19/8/2015		Copper		Annual	<1	<1	ug/l	0.03	no
19/8/2015		Cyanide (Total)		Annual	<0.01	<0.01	ug/l	0.01	no
19/8/2015		Lead		Annual	<1.0	<1.0	ug/l	0.01	no
19/8/2015		Magnesium		Annual	9.02	9.02	mg/l	50	no
19/8/2015		Manganese		Annual	33	33	ug/l	0.05	no
19/8/2015		Mercury		Annual	<0.5	<0.5	ug/l	0.001	no
19/8/2015		Nickle		Annual	<1	<1	ug/l	0.02	no
19/8/2015		Potassium		Annual	0.83	0.83	mg/l	5	no
19/8/2015		Sulphate		Annual	<0.5	<0.5	mg/l	200	no
19/8/2015		Total Alkalinity		Annual	103	103	mg/l		no
19/8/2015		Total Phosphorus		Annual	0.07	0.07	mg/l		no
19/8/2015		Naphthalene		Annual	<0.01	<0.01	ug/l	0.5	no

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19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l		1	no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l		12	no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l		2	no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloroethene	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Chloromethane	Annual			ug/l		0.1	no
19/8/2015		1,1-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2-Trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual			ug/l			no
19/8/2015		2-Hexanone	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual			ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no

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19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no

Soil monitoring template				Lic No:	W0002-02	Year 2015			
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MtBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l		1	no
19/8/2015		cis-12 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l		10	no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		13 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 14 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
annual		Bentazone	Annual					9.5	data not available
annual		Simazine	Annual	<0.1	<0.1			25	data not available

concentration from all monitoring results produced during the reporting year

Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SW EQS	Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
Quarterly	G18	pH		Quarterly	6.5	6.5	SELECT		9.5	NO
Quarterly		Temp		Quarterly	11.2	11.15			25	NO
Quarterly		Elec.Conductivity		Quarterly	279	266			1000	NO
Quarterly		Chlorides		Quarterly	20.4	17.5	mg/l		250	NO
19/8/2015		Ammoniacal Nitrogen		Quarterly	2.02	1.7	mg/l			NO
19/8/2016		Iron		annual	0.04		ug/l		0.2	NO
quarterly		TON		annual			ug/l		No abnormal change	NO
19/8/2015		TOC		Quarterly	6.5	4	mg/l			NO
19/8/2015		Cadmium		Annual	<1	<1	ug/l		0.005	NO
19/8/2015		Chromium (total)		Annual	<1	<1	ug/l		0.03	NO
19/8/2015		Copper		Annual	<1	<1	ug/l		0.03	NO
19/8/2015		Cyanide (Total)		Annual	<0.5	<0.5	ug/l		0.01	NO

Soil monitoring template			Lic No:	W0002-02	Year		2015	
19/8/2015	Lead	Annual	<1	<1	ug/l		0.01	no
19/8/2015	Manganese	Annual	9.15	9.15	mg/l		50	no
19/8/2015	Manganese	Annual	930	930	ug/l		0.05	no
19/8/2015	Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015	Nickle	Annual	57.6	57.6	ug/l		0.02	no
19/8/2015	Potassium	Annual	1.44	1.44	mg/l		5	no
19/8/2015	Sulphate	Annual	<0.5	<0.5	mg/l		200	no
19/8/2015	Total Alkalinity	Annual	171	171	mg/l			no
19/8/2015	Total Phosphorus	Annual	0.46	0.46	mg/l			no
19/8/2015	Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015	Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015	Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015	Chrysene	Annual	<0.01	<0.01	ug/l		1	no
19/8/2015	Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015	Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015	Pyrene	Annual	<0.01	<0.01	ug/l		12	no
19/8/2015	Phenanthrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015	Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015	Bromoform	Annual	<1	<1	ug/l			no
19/8/2015	Chloroform	Annual	<1	<1	ug/l			no
19/8/2015	Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015	Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015	Vinyl Chloride	Annual	<1	<1	ug/l		2	no
19/8/2015	Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015	Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015	Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015	Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015	1,1-Dichloroethene	Annual	<1	<1	ug/l		0.03	no
19/8/2015	Chloromethane	Annual			ug/l		0.1	no
19/8/2015	1,1-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015	1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015	1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015	1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015	1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015	1,1,2-Trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015	1,3-dichloropropane	Annual			ug/l			no
19/8/2015	2-Hexanone	Annual	<1	<1	ug/l			no
19/8/2015	1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015	Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015	1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015	Ethylbenzene	Annual			ug/l			no
19/8/2015	Xylene P&M	Annual			ug/l			no
19/8/2015	Styrene	Annual	<1	<1	ug/l			no
19/8/2015	Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015	1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015	1,2,3-trichloropropane	Annual	<1	<1	ug/l			no
19/8/2015	Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015	2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015	4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015	1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no

oil monitoring template				Lic No:	W0002-02	Year 2015		
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l		no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Tetrachloroethene	Annual			ug/l		no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l		no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l		no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l	10	no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l	10	no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l	30	no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l	500	no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l		no

oil monitoring template				Lic No:	W0002-02	Year 2015			
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MtBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l		1	no
19/8/2015		cis-12 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l		10	no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		13 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 14 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no
Quarterly	96 3D	pH	Quarterly	5.7	5.6	SELECT		9.5	no
Quarterly		Temp	Quarterly	11.3	9.7			25	no
Quarterly		Elec.Conductivity	Quarterly	102	94			1000	no
Quarterly		Chlorides	Quarterly	19	17.6	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	0.26	0.1	mg/l			no
19/8/2016		Iron	annual			ug/l		0.2	no
19/8/2015		TON	annual			ug/l		No abnormal change	no
Quarterly		TOC	Quarterly	4.78	3.9	mg/l			no
19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.005	no

oil monitoring template				Lic No:	W0002-02	Year 2015			
19/8/2015		Chromium (total)	Annual	3.2	3.2	ug/l		0.03	no
19/8/2015		Copper	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	Annual	1.68	1.68	ug/l		0.01	no
19/8/2015		Magnesium	Annual	4.42	4.42	mg/l		50	no
19/8/2015		Manganese	Annual	347	347	ug/l		0.05	no
19/8/2015		Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	30.2	30.2	ug/l		0.02	no
19/8/2015		Potassium	Annual	0.88	0.88	mg/l		5	no
19/8/2015		Sulphate	Annual	3.3	3.3	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	33.2	33.2	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.24	0.24	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l		1	no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l		12	no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l		2	no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l		0.03	no
19/8/2015		11 Dichloroethene	Annual	<1	<1	ug/l		0.1	no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		11 Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2 dicloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		112 Trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no

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19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no

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19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l	1		no
19/8/2015		MTBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l	10		no
19/8/2015		cis-12 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		13 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		13 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 14 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l	9.5		no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l	25		no
19/8/2015		Bentazone	Annual			ug/l	1000		no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l	250		no
Quarterly	96 3D	pH	Quarterly	7	6.9	SELECT	9.5		no
Quarterly		Temp	Quarterly	11	9.8		25		no
Quarterly		Elec.Conductivity	Quarterly	400	335		1000		no
Quarterly		Chlorides	Quarterly	17.1	13.7	mg/l	250		no
Quarterly		Ammoniacal Nitorgen	Quarterly	9.65	3	mg/l			yes
19/8/2015		Iron	annual	0.17		ug/l	0.2		no
19/8/2015		TON	annual			ug/l	No abnormal change		no
Quarterly		TOC	Quarterly	12.1	4	mg/l			no

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19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Chromium (total)	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Copper	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	Annual	<1	<1	ug/l		0.01	no
19/8/2015		Magnesium	Annual	12.82	12.82	mg/l		50	no
19/8/2015		Manganese	Annual	15	15	ug/l		0.05	no
19/8/2015		Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	<25	<25	ug/l		0.02	no
19/8/2015		Potassium	Annual	1.38	1.38	mg/l		5	no
19/8/2015		Sulphate	Annual	1.54	1.54	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	173	173	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.38	0.38	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l		12	no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l		2	no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l		0.1	no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no

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19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no

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19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l	1		no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l	10		no
19/8/2015		MTBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual				9.5		no
19/8/2015		1,2-dibromo-3-chloropropane	Annual				25		no
19/8/2015		1,2,3-trichlorobenzene	Annual				1000		no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	mg/l	250		no
19/8/2015		Bentazone	Annual			mg/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l	0.2		no
Quarterly	96 4s	pH	Quarterly	6.6	6.4	SELECT	9.5		no
Quarterly		Temp	Quarterly	11.7	10		25		no
Quarterly		Elec. Conductivity	Quarterly	260	228		1000		no
Quarterly		Chlorides	Quarterly	10.5	10.15	mg/l	250		no
Quarterly		Ammoniacal Nitrogen	Quarterly	0.13	0.06	mg/l			no
19/8/2015		Iron	Annual	0.044		ug/l	0.2		no
19/8/2015		TON	Annual			ug/l	No abnormal change		no
Quarterly		TOC	Quarterly	9.6	7.74	mg/l			no

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19/8/2015		Cadmium	Annual	1.4	1.4	ug/l		0.005	no
19/8/2015		Chromium (total)	Annual	1.7	1.7	ug/l		0.03	no
19/8/2015		Copper	Annual	5.3	5.3	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	Annual	1.4	1.4	ug/l		0.01	no
19/8/2015		Magnesium	Annual	8.2	8.2	mg/l		50	no
19/8/2015		Manganese	Annual	5290	5290	ug/l		0.05	no
19/8/2015		Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	41.6	41.6	ug/l		0.02	no
19/8/2015		Potassium	Annual	0.88	0.88	mg/l		5	no
19/8/2015		Sulphate	Annual	4.68	4.68	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	125	125	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.24	0.24	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l		2	no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l		0.1	no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no

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19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no

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19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l			no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l		1	no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l		10	no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MTBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no
Quarterly	96 4D	pH	Quarterly	7.2	7	SELECT		9.5	no
Quarterly		Temp	Quarterly	11.7	10.1			25	no
Quarterly		Elec. Conductivity	Quarterly	501	469			1000	no
Quarterly		Chlorides	Quarterly	16.6	15.5	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	8.88	5	mg/l			yes
19/8/2015		Iron	Annual	0.77		ug/l		0.2	no
19/8/2015		TON	Annual			ug/l		No abnormal change	no
Quarterly		TOC	Quarterly	3.4	2	mg/l			no

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19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Chromium (total)	Annual	1	1	ug/l		0.03	no
19/8/2015		Copper	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	Annual	0.775	0.775	ug/l		0.01	no
19/8/2015		Magnesium	Annual	20.21	20.21	mg/l		50	no
19/8/2015		Manganese	Annual	297	297	ug/l		0.05	no
19/8/2015		Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	1.3	1.3	ug/l		0.02	no
19/8/2015		Potassium	Annual	2.47	2.47	mg/l		5	no
19/8/2015		Sulphate	Annual	,0.5	,0.5	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	269	269	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.24	0.24	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1 Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		1,1 Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2 dicloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2 Trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no

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19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l			no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l		10	no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no

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19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Toluene	Annual	<1	<1	ug/l		no
19/8/2015		Xylene -o	Annual			ug/l		no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l		no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l		no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l	1	no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l		no
19/8/2015		Carbon Disulphide	Annual			ug/l	10	no
19/8/2015		Allyl Chloride	Annual			ug/l		no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l		no
19/8/2015		Propanenitrile	Annual			ug/l		no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l		no
19/8/2015		MTBE	Annual			ug/l		no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l		no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l		no
19/8/2015		2-Butanone	Annual			ug/l		no
19/8/2015		Methyl Acrylate	Annual			ug/l		no
19/8/2015		Bromochloromethane	Annual			ug/l		no
19/8/2015		Methacrylonitrile	Annual			ug/l		no
19/8/2015		1-Chlorobutane	Annual			ug/l		no
19/8/2015		Carbon Tetrachloride	Annual			ug/l		no
19/8/2015		Dibromomethane	Annual			ug/l		no
19/8/2015		Methyl Methacrylate	Annual			ug/l		no
19/8/2015		1,3 Dichloropropene,cis	Annual	<1	<1	ug/l		no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l		no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l		no
19/8/2015		Ethyl Methacrylate	Annual			ug/l		no
19/8/2015		Bromobenzene	Annual			ug/l		no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l		no
19/8/2015		P Isopropyltoluene	Annual			ug/l		no
19/8/2015		N Butyl Benzene	Annual			ug/l		no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l		no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l		no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l		no
19/8/2015		Bentazone	Annual			ug/l		no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l		no
Quarterly	96 5s	pH	Quarterly	7.4	6.7	SELECT	9.5	no
Quarterly		Temp	Quarterly	11.1	10.1		25	no
Quarterly		Elec. Conductivity	Quarterly	682	551		1000	no
Quarterly		Chlorides	Quarterly	59.6	46.7	mg/l	250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	0.12	0.05	mg/l		no
19/8/2015		Iron	Annual	135		ug/l	0.2	no
19/8/2015		TON	Annual			ug/l	No abnormal change	no

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Quarterly	TOC		Quarterly	13.3	6.7	mg/l			no
19/8/2015	Cadmium		Annual	<1	<1	ug/l		0.005	no
19/8/2015	Chromium (total)		Annual	<1	<1	ug/l		0.03	no
19/8/2015	Copper		Annual	<1	<1	ug/l		0.03	no
19/8/2015	Cyanide (Total)		Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015	Lead		Annual	<1	<1	ug/l		0.01	no
19/8/2015	Magnesium		Annual	10.05	10.05	mg/l		50	no
19/8/2015	Manganese		Annual	9230	9230	ug/l		0.05	no
19/8/2015	Mercury		Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015	Nickle		Annual	8.9	8.9	ug/l		0.02	no
19/8/2015	Potassium		Annual	1.34	1.34	mg/l		5	no
19/8/2015	Sulphate		Annual	<0.5	<0.5	mg/l		200	no
19/8/2015	Total Alkalinity		Annual	251	251	mg/l			no
19/8/2015	Total Phosphorus		Annual	0.14	0.14	mg/l			no
19/8/2015	Naphthalene		Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015	Acenaphthylene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Anthracene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Chrysene		Annual	<0.01	<0.01	ug/l		2	no
19/8/2015	Fluoranthene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Fluorene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Pyrene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Phenanthrene		Annual	<0.01	<0.01	ug/l			no
19/8/2015	Bromodichloromethane		Annual	<1	<1	ug/l		0.03	no
19/8/2015	Bromoform		Annual	<1	<1	ug/l		0.1	no
19/8/2015	Chloroform		Annual	<1	<1	ug/l			no
19/8/2015	Dibromochloromethane		Annual	<1	<1	ug/l			no
19/8/2015	Vinyl Chloride		Annual	<1	<1	ug/l			no
19/8/2015	Chloromethane		Annual	<1	<1	ug/l			no
19/8/2015	Trichloroethene		Annual	<1	<1	ug/l			no
19/8/2015	Bromomethane		Annual	<1	<1	ug/l			no
19/8/2015	Trichloromonofluoromethane		Annual	<1	<1	ug/l			no
19/8/2015	1,1-Dichloroethene		Annual	<1	<1	ug/l			no
19/8/2015	Chloromethane		Annual	<1	<1	ug/l			no
19/8/2015	1,1-dichloroethane		Annual			ug/l			no
19/8/2015	1,1-Dichloropropene		Annual	<1	<1	ug/l			no
19/8/2015	1,2-dichloroethane		Annual	<1	<1	ug/l			no
19/8/2015	1,2-dichloropropane		Annual	<1	<1	ug/l			no
19/8/2015	1,1,1-trichloroethane		Annual	<1	<1	ug/l			no
19/8/2015	1,1,2-trichloroethane		Annual	<1	<1	ug/l			no
19/8/2015	1,3-dichloropropane		Annual	<1	<1	ug/l			no
19/8/2015	2-Hexanone		Annual			ug/l			no
19/8/2015	1,2-dibromoethane		Annual	<1	<1	ug/l			no
19/8/2015	Chlorobenzene		Annual	<1	<1	ug/l			no
19/8/2015	1,1,1,2-tetrachloroethane		Annual	<1	<1	ug/l			no
19/8/2015	Ethylbenzene		Annual	<1	<1	ug/l			no
19/8/2015	Xylene P&M		Annual			ug/l			no
19/8/2015	Xylene O		Annual			ug/l			no
19/8/2015	Styrene		Annual	<1	<1	ug/l			no
19/8/2015	Isopropylbenzene		Annual	<1	<1	ug/l			no
19/8/2015	1,1,1,2-tetrachloroethane		Annual	<1	<1	ug/l			no

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19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l		no
19/8/2015		Propylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l		no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l		no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Tetrachloroethene	Annual			ug/l		no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l		no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l	10	no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l	10	no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l	30	no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l	500	no
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l		no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l		no

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19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l	1		no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l	10		no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MtBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		<u>1,3 Dichloropropene,cis</u>	Annual	<1	<1	ug/l			no
19/8/2015		<u>MIBK/4 Methyl 2 Pentanone</u>	Annual			ug/l			no
19/8/2015		<u>1,3 Dichloropropene,trans</u>	Annual			ug/l			no
19/8/2015		<u>Ethyl Methacrylate</u>	Annual			ug/l			no
19/8/2015		<u>Bromobenzene</u>	Annual			ug/l			no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no
Quarterly	96 5d	pH	Quarterly	7.2	7	SELECT		9.5	no
Quarterly		Temp	Quarterly	10.6	10.4			25	no
Quarterly		Elec.Conductivity	Quarterly	580	509			1000	no
Quarterly		Chlorides	Quarterly	45.5	22.4	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	0.42	0.18	mg/l			no
19/8/2015		Iron	Annual	2.42		ug/l		0.2	no
19/8/2015		TON	Annual			ug/l		No abnormal change	no

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Quarterly			Quarterly	17.8	5.9	mg/l			no
19/8/2015		TOC	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Chromium (total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Copper	Annual	<1.0	<1.0	ug/l		0.01	no
19/8/2015		Cyanide (Total)	Annual	28.81	28.81	mg/l		50	no
19/8/2015		Lead	Annual	660	660	ug/l		0.05	no
19/8/2015		Magnesium	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Manganese	Annual	1.6	1.6	ug/l		0.02	no
19/8/2015		Mercury	Annual	1.25	1.25	mg/l		5	no
19/8/2015		Nickle	Annual	<0.5	<0.5	mg/l		200	no
19/8/2015		Potassium	Annual	<0.04	<0.04	mg/l			no
19/8/2015		Sulphate	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Total Alkalinity	Annual	<0.01	<0.01	ug/l		2	no
19/8/2015		Total Phosphorus	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l		0.03	no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l		0.1	no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no

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19/8/2015	1,2,3-trichloropropane	Annual	<1	<1	ug/l		no
19/8/2015	Propylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	2-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015	4-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015	1,3,5-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	Tert Butyl Benzene	Annual	<1	<1	ug/l		no
19/8/2015	1,2,4-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	sec-butylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	Pentachlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Tetrachloroethene	Annual			ug/l		no
19/8/2015	Hexachlorobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Chlorophenol	Annual	<0.01	<0.01	ug/l	10	no
19/8/2015	1,2,4-trichlorobenzene	Annual			ug/l	10	no
19/8/2015	1,2-dichlorobenzene	Annual			ug/l		no
19/8/2015	1,3-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015	1,4-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015	2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Acenaphthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l	30	no
19/8/2015	Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l	500	no
19/8/2015	Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Dibenzofuran	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Diethylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Diphenylamine	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Hexachloroethane	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l		no

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19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l		1	no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l		10	no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MtBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		<u>1,3 Dichloropropene,cis</u>	Annual	<1	<1	ug/l			no
19/8/2015		<u>MIBK/4 Methyl 2 Pentanone</u>	Annual			ug/l			no
19/8/2015		<u>1,3 Dichloropropene,trans</u>	Annual			ug/l			no
19/8/2015		<u>Ethyl Methacrylate</u>	Annual			ug/l			no
19/8/2015		<u>Bromobenzene</u>	Annual			ug/l			no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no
Quarterly	99 1S	pH	Quarterly	7	6.9	SELECT		9.5	no
Quarterly		Temp	Quarterly	12.1	10.55			25	no
Quarterly		Elec.Conductivity	Quarterly	325	312			1000	no
Quarterly		Chlorides	Quarterly	15.1	13.6	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	3.86	0.05	mg/l			no
19/8/2015		Iron	Annual	0.06		ug/l		0.2	no
19/8/2015		TON	Annual			ug/l		No abnormal change	no

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Quarterly		TOC	Quarterly	1.3	1.25	mg/l			no
19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Chromium (total)	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Copper	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.5	<0.5	ug/l		0.01	no
19/8/2015		Lead	Annual	<2	<1	ug/l		0.01	no
19/8/2015		Magnesium	Annual	12.72	12.72	mg/l		50	no
19/8/2015		Manganese	Annual	792	792	ug/l		0.05	no
19/8/2015		Mercury	Annual	<0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	<1	<1	ug/l		0.02	no
19/8/2015		Potassium	Annual	159	1.59	mg/l		5	no
19/8/2015		Sulphate	Annual	<0.5	<0.5	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	176	176	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.14	0.14	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l		2	no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l		0.03	no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l		0.1	no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		1,1-Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no

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19/8/2015	1,2,3-trichloropropane	Annual	<1	<1	ug/l		no
19/8/2015	Propylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	2-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015	4-chlorotoluene	Annual	<1	<1	ug/l		no
19/8/2015	1,3,5-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	Tert Butyl Benzene	Annual	<1	<1	ug/l		no
19/8/2015	1,2,4-trimethylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	sec-butylbenzene	Annual	<1	<1	ug/l		no
19/8/2015	Pentachlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Tetrachloroethene	Annual			ug/l		no
19/8/2015	Hexachlorobenzene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Chlorophenol	Annual	<0.01	<0.01	ug/l	10	no
19/8/2015	1,2,4-trichlorobenzene	Annual			ug/l	10	no
19/8/2015	1,2-dichlorobenzene	Annual			ug/l		no
19/8/2015	1,3-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015	1,4-dichlorobenzene	Annual	<1	<1	ug/l		no
19/8/2015	2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	2-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	4-Nitrophenol	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Acenaphthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l	30	no
19/8/2015	Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l	500	no
19/8/2015	Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Dibenzofuran	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Diethylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Diphenylamine	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Hexachloroethane	Annual	<0.01	<0.01	ug/l		no
19/8/2015	Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l		no

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19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l		1	no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l		10	no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MtBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-12 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		<u>13 Dichloropropene,cis</u>	Annual	<1	<1	ug/l			no
19/8/2015		<u>MIBK/4 Methyl 2 Pentanone</u>	Annual			ug/l			no
19/8/2015		<u>13 Dichloropropene,trans</u>	Annual			ug/l			no
19/8/2015		<u>Ethyl Methacrylate</u>	Annual			ug/l			no
19/8/2015		<u>Bromobenzene</u>	Annual			ug/l			no
19/8/2015		Trans 14 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no

Soil monitoring template				Lic No:	W0002-02	Year 2015			
Quarterly	99 ID	pH	Quarterly	7.1	7	SELECT		9.5	no
Quarterly		Temp	Quarterly	11.7	10.3			25	no
Quarterly		Elec.Conductivity	Quarterly	400	390			1000	no
Quarterly		Chlorides	Quarterly	15.3	14.7	mg/l		250	no
Quarterly		Ammoniacal Nitrogen	Quarterly	0.45	0.27	mg/l			no
19/8/2015		Iron	Annual	0.079		ug/l		0.2	no
19/8/2015		TON	Annual			ug/l		No abnormal change	no
Quarterly		TOC	Quarterly	5.5	3.4	mg/l			no
19/8/2015		Cadmium	Annual	<1	<1	ug/l		0.005	no
19/8/2015		Chromium (total)	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Copper	Annual	<1	<1	ug/l		0.03	no
19/8/2015		Cyanide (Total)	Annual	<0.01	<0.01	ug/l		0.01	no
19/8/2015		Lead	Annual	<1	<1	ug/l		0.01	no
19/8/2015		Magnesium	Annual	13.94	13.94	mg/l		50	no
19/8/2015		Manganese	Annual	4440	4440	ug/l		0.05	no
19/8/2015		Mercury	Annual	,0.5	<0.5	ug/l		0.001	no
19/8/2015		Nickle	Annual	<1	<1	ug/l		0.02	no
19/8/2015		Potassium	Annual	1.31	1.31	mg/l		5	no
19/8/2015		Sulphate	Annual	<0.6	<0.5	mg/l		200	no
19/8/2015		Total Alkalinity	Annual	219	219	mg/l			no
19/8/2015		Total Phosphorus	Annual	0.1	0.1	mg/l			no
19/8/2015		Naphthalene	Annual	<0.01	<0.01	ug/l		0.5	no
19/8/2015		Acenaphthylene	Annual	<0.01	<0.01	ug/l		2	no
19/8/2015		Anthracene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Chrysene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Fluorene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Pyrene	Annual	<0.01	<0.01	ug/l		0.03	no
19/8/2015		Phenanthrene	Annual	<0.01	<0.01	ug/l		0.1	no
19/8/2015		Bromodichloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Bromoform	Annual	<1	<1	ug/l			no
19/8/2015		Chloroform	Annual	<1	<1	ug/l			no
19/8/2015		Dibromochloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Vinyl Chloride	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Bromomethane	Annual	<1	<1	ug/l			no
19/8/2015		Trichloromonofluoromethane	Annual	<1	<1	ug/l			no
19/8/2015		11 Dichloroethene	Annual	<1	<1	ug/l			no
19/8/2015		Chloromethane	Annual	<1	<1	ug/l			no
19/8/2015		1,1-dichloroethane	Annual			ug/l			no
19/8/2015		11 Dichloropropene	Annual	<1	<1	ug/l			no
19/8/2015		1,2 dicloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		1,1,1-trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		112 Trichloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,3-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		2-Hexanone	Annual			ug/l			no
19/8/2015		1,2-dibromoethane	Annual	<1	<1	ug/l			no
19/8/2015		Chlorobenzene	Annual	<1	<1	ug/l			no

oil monitoring template				Lic No:	W0002-02	Year		2015	
19/8/2015		1,1,1,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		Ethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Xylene P&M	Annual			ug/l			no
19/8/2015		Xylene O	Annual			ug/l			no
19/8/2015		Styrene	Annual	<1	<1	ug/l			no
19/8/2015		Isopropylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,1,2,2-tetrachloroethane	Annual	<1	<1	ug/l			no
19/8/2015		1,2,3-trichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		Propylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		2-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		4-chlorotoluene	Annual	<1	<1	ug/l			no
19/8/2015		1,3,5-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Tert Butyl Benzene	Annual	<1	<1	ug/l			no
19/8/2015		1,2,4-trimethylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		sec-butylbenzene	Annual	<1	<1	ug/l			no
19/8/2015		Pentachlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrachloroethene	Annual			ug/l			no
19/8/2015		Hexachlorobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachlorobutadiene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4,6-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dimethylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chlorophenol	Annual	<0.01	<0.01	ug/l		10	no
19/8/2015		1,2,4-trichlorobenzene	Annual			ug/l		10	no
19/8/2015		1,2-dichlorobenzene	Annual			ug/l			no
19/8/2015		1,3-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		1,4-dichlorobenzene	Annual	<1	<1	ug/l			no
19/8/2015		2,4,5-Trichlorophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,4-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2,6-Dinitrotoluene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Chloronaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylnaphthalene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		2-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Bromophenyl Phenyl Ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chloro-3-methylphenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Chlorophenyl phenyl ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		4-Nitrophenol	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acenaphthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(a)anthracene	Annual	<0.01	<0.01	ug/l		30	no
19/8/2015		Benzo(a)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(b)fluoranthene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzo(g,h,i)perylene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Benzyl Butyl Phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethoxy)methane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroethyl)ether	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Bis(2-chloroisopropyl)ether	Annual	<0.01	<0.01	ug/l		500	no
19/8/2015		Bis(2-ethylhexyl)phthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dibenz(a,h)anthracene	Annual	<0.01	<0.01	ug/l			no

oil monitoring template				Lic No:	W0002-02	Year		2015	
19/8/2015		Dibenzofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diethylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		di-n-Butylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Di-n-octylphthalate	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Diphenylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Hexachloroethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Indeno(1,2,3-c,d)pyrene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Isophorone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Nitrobenzene	Annual	<0.01	<0.01	ug/l			no
19/8/2015		n-Nitrosodi-n-propylamine	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Acetone	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Dichloromethane	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Tetrahydrofuran	Annual	<0.01	<0.01	ug/l			no
19/8/2015		Toluene	Annual	<1	<1	ug/l		1	no
19/8/2015		Xylene -o	Annual			ug/l			no
19/8/2015		Dichlorodifluoromethane	Annual			ug/l		10	no
19/8/2015		Ethyl Chloride/Chloroethane	Annual			ug/l			no
19/8/2015		Ethyl Ether/Diethyl Ether	Annual			ug/l			no
19/8/2015		Iodomethane/Methyl Iodide	Annual			ug/l			no
19/8/2015		Carbon Disulphide	Annual			ug/l			no
19/8/2015		Allyl Chloride	Annual			ug/l			no
19/8/2015		Chlormethyl Cyanide/Chloroacetonitrile	Annual			ug/l			no
19/8/2015		Propanenitrile	Annual			ug/l			no
19/8/2015		Trans-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		MTBE	Annual			ug/l			no
19/8/2015		2,2-dichloropropane	Annual	<1	<1	ug/l			no
19/8/2015		cis-1,2 Dichloroethene	Annual			ug/l			no
19/8/2015		2-Butanone	Annual			ug/l			no
19/8/2015		Methyl Acrylate	Annual			ug/l			no
19/8/2015		Bromochloromethane	Annual			ug/l			no
19/8/2015		Methacrylonitrile	Annual			ug/l			no
19/8/2015		1-Chlorobutane	Annual			ug/l			no
19/8/2015		Carbon Tetrachloride	Annual			ug/l			no
19/8/2015		Dibromomethane	Annual			ug/l			no
19/8/2015		Methyl Methacrylate	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,cis	Annual	<1	<1	ug/l			no
19/8/2015		MIBK/4 Methyl 2 Pentanone	Annual			ug/l			no
19/8/2015		1,3 Dichloropropene,trans	Annual			ug/l			no
19/8/2015		Ethyl Methacrylate	Annual			ug/l			no
19/8/2015		Bromobenzene	Annual			ug/l			no
19/8/2015		Trans 1,4 Dichloro 2 Butene, tran	Annual			ug/l			no
19/8/2015		P Isopropyltoluene	Annual			ug/l			no
19/8/2015		N Butyl Benzene	Annual			ug/l			no
19/8/2015		1,2-dibromo-3-chloropropane	Annual			ug/l			no
19/8/2015		1,2,3-trichlorobenzene	Annual			ug/l			no
19/8/2015		Mecoprop	Annual	<0.1	<0.1	ug/l			no
19/8/2015		Bentazone	Annual			ug/l			no
19/8/2015		Simazine	Annual	<0.1	<0.1	ug/l			no

Soil monitoring template		Lic No:	W0002-02	Year	2015		
<p>* 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.</p> <p>**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)</p>							
<p>Surface water EQS Groundwater regulations GTV's</p>							
3: Soil results							
Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
							SELECT
							SELECT

[Interim Guideline Values \(IGV\)](#)

Environmental Liabilities template

Lic No:

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Year

2015

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

		Commentary	
1	ELRA initial agreement status	SELECT	Not known
2	ELRA review status	SELECT	Not known
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	Nil
4	Financial Provision for ELRA status	SELECT	None
5	Financial Provision for ELRA - amount of cover	Specify	Nil
6	Financial Provision for ELRA - type	SELECT	None
7	Financial provision for ELRA expiry date	Enter expiry date	None
8	Closure plan initial agreement status	SELECT	Closed
9	Closure plan review status	SELECT	None
10	Financial Provision for Closure status	SELECT	None
11	Financial Provision for Closure - amount of cover	Specify	Nil
12	Financial Provision for Closure - type	SELECT	None
13	Financial provision for Closure expiry date	Enter expiry date	None

Environmental Management Programme/Continuous Improvement Programme template		Lic No:	W0002-02	Year	2015
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Highlighted cells contain dropdown menu click to view		Additional Information	
1	Do you maintain an Environmental Mangement System (EMS) for the site. If yes, please detail in additional information	No	n/a
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	No	
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	No	
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	No	

Environmental Management Programme (EMP) report

Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT
SELECT		SELECT		SELECT	SELECT

Noise monitoring summary report

Lic No: W0002-02 Year: 2015

- 1 Was noise monitoring a licence requirement for the AER period?
If yes please fill in table N1 noise summary below
- 2 Was noise monitoring carried out using the EPA Guidance note including completion of the "Checklist for noise measurement report" included in the guidance note as table 6? [Noise Guidance note NG4](#)
- 3 Does your site have a noise reduction plan
- 4 When was the noise reduction plan last updated?
- 5 Have there been changes relevant to site noise emissions (e.g. plant or operational changes) since the last noise survey?

Table N1: Noise monitoring summary

Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA _{eq}	LA ₉₀	LA ₁₀	LA _{max}	Tonal or Impulsive noise* (Y/N)	If tonal /impulsive noise was identified was 5dB penalty applied?	Comments (ex. main noise sources on site, & extraneous noise ex. road traffic)	Is <u>site</u> compliant with noise limits (day/evening/night)?
								SELECT	SELECT		SELECT

*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?

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary

Lic No:

W0002-02

Year

2015

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

	2013/2014
no	
no	NA

Energy Use	Previous year	Current year	Production +/- % compared to previous reporting year**	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	19.436	18.85	-3%	
Total Energy Generated (MWHrs)	0	0		
Total Renewable Energy Generated (MWHrs)	0	0		
Electricity Consumption (MWHrs)	19.436	18.85		
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0	0.25		
Light Fuel Oil (m3)	0	0		
Natural gas (CMN)	0	0		
Coal/Solid fuel (metric tonnes)	0	0		
Peat (metric tonnes)	0	0		
Renewable Biomass	0	0		
Renewable energy generated on site	0	0		

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

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

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

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

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

	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)	0	0	0	0	0
Non-Hazardous (Tonnes)	0	0	0	0	0

Resource Usage/Energy efficiency summary

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2015

Table R4: Energy Audit finding recommendations

Date of audit	Recommendations	Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility	Completion date	Status and comments
Dec 2013-Jan 2014	Turn off night lighting	Target the usage of	energy audit	not known	Feb-14	J O'Brien	Feb-14	Still
	Install low E lighting	night time energy	energy audit	not known	Feb-14	J O'Brien	Feb-14	operates
	Install motion sensors		energy audit	not known	Feb-14	J O'Brien	Feb-14	as such

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

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

WASTE SUMMARY	Lic No:	W0002-02	Year	2015
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Table 4 Environmental monitoring-landfill on [Landfill Manual-Monitoring Standards](#)

Was meteorological monitoring in compliance with Landfill Directive (LD) standard in reporting year +	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year	Have GW trigger levels been established	Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments
Yes	Yes	Yes	Yes	No	Yes	No	No	

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

Table 5 Capping-Landfill only

Area uncapped*	Area with temporary cap	Area with final cap to LD Standard m2 ha, a	Area capped other	Area with waste that should be permanently capped to date under licence	What materials are used in the cap	Comments
m2	m2					
0	0	26950	0	0	HDPE liner, drainage stone, subsoil, topsoil	

*please note this includes daily cover area

Table 6 Leachate-Landfill only

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

Yes

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

No

Volume of leachate in reporting year(m3)	Leachate (BOD) mass load (kg/annum)	Leachate (COD) mass load (kg/annum)	Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	Specify type of leachate treatment	Comments
17380	790.79	4814.26	1911.8	2885.08	0	NIL	

Please ensure that all information reported in the landfill gas section is consistent with the Landfill Gas Survey submitted in conjunction with PRTR returns

Table 7 Landfill Gas-Landfill only

Gas Captured&Treated by LFG System m3	Power generated (MW / kWh)	Used on-site or to national grid	Was surface emissions monitoring performed during the reporting year?	Comments
54426	0	0	No	Aug-14