SELECT	cells that are highlighted blue cont
guidance document link	cells that contain underlined text c
Table heading *	table headings followed by a symb
Cells with red indicator in top right corner	cells that have a red indicator in th
Please note an interpretation of resu	ults is still required. This should be e

Please note an interpretation of results is still required. This should be en appropriately to fit your interpretation, if additional space is required plea template should have all cells sized appropri :ain a dropdown menu click to select one option from the list

:lick to access relevant guidance documents for this section

ol have an associated footnote or instructions

ie top right corner contain a comment box with further instructions or clarification

ntered in the additional information/comments boxes within the templates. Please size these boxes se include an appendix to the AER template and merge it as part of the AER PDF document. The excel ately so that all text is readable before it is converted to PDF document.

Facility	y Inf	format	ion S	Summary
----------	-------	--------	-------	---------

AER Reporting Year Licence Register Number Name of site Site Location 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** <u>listing all</u> <u>exceedances of licence limits (where</u> <u>applicable) and what they relate to e.g. air,</u> <u>water, noise.</u>

			_	
2015				
W0022-01				
		East Cork	k Landfill	
	Rossm	nore, Carrig	twohill, Co. Corl	(
		38	21	
		5(c), 5(d	d), 50.1	
		8.25588E	51.8851N	

East Cork Landfill has been closed since February 2007. Final Capping took place in 2008 and was completed in 2009. The environmental performance of the facility has continued to improve in comparison with previous years. No complaints were registered in 2015. The gas extraction system has continued to perform with the enclosed flare burning off the gas generated. Minor exceedences have again been measured in the perimeter gas wells but are explained by the estuarine conditions and limestone bedrock that account for naturally occuring CO2 and CH4. Both Leachate and groundwater results are similar to previous years. The noise survey was compliant for the year as would be expected with no large landfill compacting plant operating on the site. Overall the site has been compliant with its Licence.

# 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.

	16/03/2016
Signature	Date
I PON all	
experienced deputy)	

AIR-summary template	Lic No:	W0022-01	Year	2015

Answer all questions and complete all tables where relevant

Additional information

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 <u>do not</u> need to complete the tables

		-
M		
Yes		

	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	
3	Basic air           Was all monitoring carried out in accordance with EPA guidance note AG2 and using the basic air monitoring checklist?         monitoring checklist         AGN2	Yes	

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

										Comments - reason for change in %
			ELV in licence or							mass load from
Emission		Frequency of	any revision			Unit of	Compliant with		Annual mass	previous year
reference no:	Parameter/ Substance	Monitoring	therof	Licence Compliance criteria	Measured value	measurement	licence limit	Method of analysis		if applicable
					741772					Annual mass
Flare Stack	Methane (CH4)	Continuous	N/A	SELECT		m3	yes	МАВ	504405	load refers to difference
					474732					Annual mass
Flare Stack	Carbon dioxide (CO2)	Continuous	N/A	SELECT		m3	yes	ISO 12039:2001		load refers to difference
				No 30min mean can exceed	3.24					
Flare Stack	Carbon monoxide (CO)	Continuous	<50mg/Nm3	the ELV		mg/Nm3	yes	ISO 12039:2001	8.54	
	Nitrogen oxides			No 30min mean can exceed	136.69					
Flare Stack	(NOx/NO2)	Annual	<150mg/Nm3	the ELV		mg/Nm3	yes	EN 14792:2005	360.42	
	Sulphur oxides				25.35					
Flare Stack	(SOx/SO2)	Annual	N/A	SELECT		mg/Nm3	yes	EN 14792:2005	66.84	

	AIR-summary template	Lic No:	W0022-01	Year	2015
	Continuous Monitoring				
4	Does your site carry out continuous air emissions monitoring?	Yes			
	If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to its relevant Emission Limit Value (ELV)				
5	Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	Yes			
6	Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes			
7					

No

Did your site experience any abatement system bypasses? If yes please detail them in table A3 below Table A2: Summary of average emissions -continuous monitoring

Emission reference no:	Parameter/ Substance	ELV in licence or any revision therof		Compliance Criteria	Units of measurement	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV exceedences in current reporting year	Comments
		N/A	12 month					181		Have recorded the combined annual downtime of Flare at East Cork Landfill in this section. The emissions totals have been submitted in the above table.
Flare Stack	PRTR			100 % of values < ELV	m3					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					

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

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:	W0022-01		Year	2015	
Solver	t use and manageme	nt on site								
Do you have a tot	al Emission Limit Value of d	lirect and fugitive emi	ssions on site? if ye	s please fill out tables A4 and A5						
Table A4: Sol	vent Management Pla	an Summary	Solvent	Please refer to linked solver	nt regulations to	7	SELECT			
	ission limit value		regulations	complete table 5	and 6					
Reporting year	Total solvent input on	Total VOC emissions	Total VOC		Compliance	4				
	site (kg)	to Air from entire site (direct and	emissions as %of solvent input	Total Englishing Lingth Malue						
		fugitive)	-	Total Emission Limit Value (ELV) in licence or any revision						
				therof		_				
					SELECT	_				
					SELECT					
Table A5	: Solvent Mass Balan	ce summary							7	
	(I) Inputs (kg)			(O)	Outputs (kg)					
		() p()								
									-	
Solvent	(I) Inputs (kg)		Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	other ways e.g. by-	Solvents destroyed onsite through	Solvent to air (kg)		
									1	
L	1	I		1	1	1	Total		1	

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

Year

2015

7

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

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

## Table W1 Storm water monitoring

10010		ermonitoring								
Location reference	Location relative to site activities	PRTR Parameter	Licenced Parameter	Monitoring date	ELV or trigger level in licence or any revision thereof*	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Comments
sw1	upstream		рН	Quarterly	No ELV or trigger levels	N/A	8.2	pH units	yes	Median vaule for 2015
sw1	upstream		Temperature	Quarterly	No ELV or trigger levels	N/A	15.0	degrees C	yes	Median vaule for 2015
sw1	upstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	6206.0	μS/cm @20oC	yes	Median vaule for 2015
sw1	upstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	8.7	mg/L	yes	Median vaule for 2015
sw1	upstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	15119.0	mg/L	yes	Median vaule for 2015
sw1	upstream		BOD	Quarterly	No ELV or trigger levels	N/A	2.7	mg/L	yes	Median vaule for 2015
sw1	upstream		COD	Quarterly	No ELV or trigger levels	N/A	314.0	mg/L	yes	Median vaule for 2015
sw1	upstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	1.6	mg/L	yes	Median vaule for 2015
sw1	upstream		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	129.5	mg/L	yes	Median vaule for 2015
sw1	upstream	Chromium and compounds (as Cr)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
sw1	upstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	1.2	μg/L	yes	Annual value for 2015
sw1	upstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
	upstream		CALCIUM			N/A	308.0	mg/L	yes	Annual value for 2015
sw1	upstream		Iron	Annual	No ELV or trigger levels	N/A	39.8	μg/L	yes	Annual value for 2015
sw1	upstream	Lead and compounds (as Pb)	· · · · · · · · · · · · · · · · · · ·	Annual	No ELV or trigger levels	N/A	<1	mg/L	yes	Annual value for 2015
sw1	upatican			Annual	No ELV or trigger levels	1976		ing/c	yes	Annual value for 2015.
5W1	upstream		Magnesium	Aintuai	NO EEV OF HIgger levels	N/A	1112.0	mg/L	yes	Elevation due to geology of the site
sw1	upstream		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	41.7	μg/L	yes	Annual value for 2015
sw1	upstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	μg/L	yes	Annual value for 2015
sw1	upstream		Potassium	Annual	No ELV or trigger levels	N/A	348.0	mg/L	yes	Annual value for 2015
sw1	upstream		Sulphate	Annual	No ELV or trigger levels	N/A	2554.0	mg/L	yes	Annual value for 2015. Sample site at estuary
sw1	upstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	<0.2	mg/L	yes	Annual value for 2015
sw1	upstream	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	<25	μg/L	yes	Annual value for 2015
sw1	upstream	Total phosphorus		Annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual value for 2015
sw2	upstream		рН	Quarterly	No ELV or trigger levels	N/A	8.3	pH units	yes	Median vaule for 2015
sw2	upstream		Temperature	Quarterly	No ELV or trigger levels	N/A	14.4	degrees C	yes	Median vaule for 2015
sw2	upstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	6882.0	μS/cm @20oC	yes	Median vaule for 2015
sw2	upstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	8.2	mg/L	yes	Median vaule for 2015
sw2	upstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	18729.0	mg/L	yes	Median vaule for 2015
sw2	upstream		BOD	Quarterly	No ELV or trigger levels	N/A	4.1	mg/L	yes	Median vaule for 2015
sw2	upstream		COD	Quarterly	No ELV or trigger levels	N/A	192.0	mg/L	yes	Median vaule for 2015
sw2	upstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	1.3	mg/L	yes	Median vaule for 2015
sw2	upstream		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	178.0	mg/L	yes	Median vaule for 2015
	upstream		Total Alkalinity	Annual	No ELV or trigger levels	N/A		mg/L	yes	Annual value for 2015
sw2	upstream	Chromium and compounds (as Cr)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
sw2	upstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	1.0	μg/L	yes	Annual value for 2015
sw2	upstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
		,						P0 -	,	

Lic No:

No

W0022-01

Additional information

ER Monito	ring returns su	Immary template-WA	ATER/WASTEWA	ATER(SEWER)		Lic No:	W0022-01		Year	201
sw2	upstream		CALCIUM			N/A	332.0	mg/L	yes	Annual value for 2015
sw2	upstream		Iron	Annual	No ELV or trigger levels	N/A	23.9	μg/L	yes	Annual value for 2015
sw2	upstream	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	99.0	μg/L	yes	Annual value for 2015
sw2	upstream		Magnesium	Annual	No ELV or trigger levels	N/A	1167.0	mg/L	yes	Annual value for 2015. Elevation due to geolog of the site
sw2	upstream		Manganese (as Mn)	Annual	No ELV or trigger levels	N/A	31.7	μg/L	yes	Annual value for 2015
sw2	upstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual value for 2015
sw2	upstream		Potassium	Annual	No ELV or trigger levels	N/A	375.0	mg/L	yes	Annual value for 2015
sw2	upstream		Sulphate	Annual	No ELV or trigger levels	N/A	2648.0	mg/L	yes	Annual value for 2015
sw2	upstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	<0.2	mg/L	yes	Annual value for 2015
sw2	upstream	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	36.0	μg/L	yes	Annual value for 2015
sw2	upstream	Total phosphorus		Annual	No ELV or trigger levels	N/A	0.1	mg/L	yes	Annual value for 2015
sw3	downstream		рН	Quarterly	No ELV or trigger levels	N/A	8.2	pH units	yes	Median vaule for 2015
sw3	downstream		Temperature	Quarterly	No ELV or trigger levels	N/A	14.6	degrees C	yes	Median vaule for 2015
sw3	downstream		Conductivity	Quarterly	No ELV or trigger levels	N/A	6473.0	μS/cm @20oC	yes	Median vaule for 2015
sw3	downstream		Dissolved Oxygen	Quarterly	No ELV or trigger levels	N/A	7.9	mg/L	yes	Median vaule for 2015
sw3	downstream	Chlorides (as Cl)		Quarterly	No ELV or trigger levels	N/A	15339.0	mg/L	yes	Median vaule for 2015
sw3	downstream		BOD	Quarterly	No ELV or trigger levels	N/A	3.2	mg/L	yes	Median vaule for 2015
sw3	downstream		COD	Quarterly	No ELV or trigger levels	N/A	277.0	mg/L	yes	Median vaule for 2015
sw3	downstream		Ammonia (as N)	Quarterly	No ELV or trigger levels	N/A	0.2	mg/L	yes	Median vaule for 2015
sw3	downstream		Suspended Solids	Quarterly	No ELV or trigger levels	N/A	79.3	mg/L	yes	Median vaule for 2015
SW3	downstream		Total Alkalinity	Annual	No ELV or trigger levels	N/A		mg/L	yes	Annual value for 2015
sw3	downstream	Chromium and compounds (as Cr)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
sw3	downstream	Copper and compounds (as Cu)		Annual	No ELV or trigger levels	N/A	1.4	μg/L	yes	Annual value for 2015
sw3	downstream	Cadmium and compounds (as Cd)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
sw3	downstream		CALCIUM	Annual	No ELV or trigger levels	N/A	330.0	mg/L	yes	Annual value for 2015
sw3	downstream		Iron	Annual	No ELV or trigger levels	N/A	18.9	µg/L	yes	Annual value for 2015

	AER Monitor	ing returns su	mmary template-WA	TER/WASTEWA	ATER(SEWER)		Lic No:	W0022-01		Year	2015
Γ	sw3	downstream	Lead and compounds (as Pb)		Annual	No ELV or trigger levels	N/A	<1	μg/L	yes	Annual value for 2015
	sw3	downstream		Magnesium	Annual	No ELV or trigger levels	N/A	1160.0	mg/L	yes	Annual value for 2015. Elevation due to geology
	sw3	downstream		Manganese (as Mn)	Annual	No ELV or trigger levels		26.1	μg/L	yes	Annual value for 2015
Γ	sw3	downstream	Mercury and compounds (as Hg)		Annual	No ELV or trigger levels	N/A	<0.5	mg/L	yes	Annual value for 2015
Γ	sw3	downstream		Potassium	Annual	No ELV or trigger levels	N/A	369.0	mg/L	yes	Annual value for 2015
Γ	sw3	downstream		Sulphate	Annual	No ELV or trigger levels	N/A	2425.0	mg/L	yes	Annual value for 2015. Site located in estuary
Γ	sw3	downstream		Total Oxidised Nitrogen (TON)	Annual	No ELV or trigger levels	N/A	<0.2	mg/L	yes	Annual value for 2015
3	sw3	downstream	Zinc and compounds (as Zn)		Annual	No ELV or trigger levels	N/A	<25	μg/L	yes	Annual value for 2015
4	sw3	downstream	Total phosphorus		Annual	No ELV or trigger levels	N/A	<0.04	mg/L	yes	Annual value for 2015

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

Emission reference no:	Emission released to	Parameter/ SubstanceNote 1	Type of sample	Frequency of monitoring		ELV or trigger values in licence or any revision therof <sup>Note 2</sup>	Licence Compliance criteria	Measured value		Compliant with licence		Procedural	Procedural reference standard number	Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			
		luded as a reportable para													

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

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

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No:	W0022-01	Ye
---	---------	----------	----

SELECT

SELECT

SELECT

SELECT

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

Additional Information

2015

If yes please summarise your continuous monitoring data below in Table W4 and compare it to

its relevant Emission Limit Value (ELV)

Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below

7 Do you have a proactive service contract for each piece of continuous monitoring equipment on site?

Did abatement system bypass occur during the reporting year? If yes please complete table W5 below

Table W4: Summary of average emissions -continuous monitoring

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

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

### Table W5: Abatement system bypass reporting table

Date	Duration (hours)		 	Was a report submitted to the	When was this report submitted?
				EPA?	
				SELECT	

\*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline testing template	Lic No:	W0022-01		Year	2015	
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						
containment structures on site, in addition to all bunds which failed the integrity test-all bunding structures whic						
the table below, please include all bunds outside the licenced testing period (mobile bunds and chemstore includ	ied)	Yes				
2 Please provide integrity testing frequency period		3 years		1		
Does the site maintain a register of bunds, underground pipelines (including stormwater and foul), Tanks, sumps	and containers? (containers refers to "Chemston	2"				
3 type units and mobile bunds)		No				
4 How many bunds are on site?		3				
5 How many of these bunds have been tested within the required test schedule?		3				
6 How many mobile bunds are on site?		0				
7 Are the mobile bunds included in the bund test schedule?		No				
8 How many of these mobile bunds have been tested within the required test schedule?		0		_		
9 How many sumps on site are included in the integrity test schedule?		0		_		
10 How many of these sumps are integrity tested within the test schedule?		0				
Please list any sump integrity failures in table B1						
11 Do all sumps and chambers have high level liquid alarms?		N/A		4		
12 If yes to Q11 are these failsafe systems included in a maintenance and testing programme?		N/A		4		
13 Is the Fire Water Retention Pond included in your integrity test programme?		SELECT				

	Tabl	e B1: Summary details of	bund /containment structure int	egrity test											
Bund/Contai structure ID		Туре	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test	Other test type	Test date	Integrity reports maintained on site?		Integrity test failure explanation <50 words	Corrective action taken	Scheduled date	Results of retest(if in current reporting year)
Leachate Lag	goon	reinforced concrete		leachate	1400	1000	Structural assessment		Nov-08	Yes	Pass		SELECT	2016	
Surfacewate	er Lagoon	reinforced concrete		surfacewater	10000	7500	Structural assessment		Nov-08	Yes	Pass			2017	
		reinforced concrete		surfacewater	2500	2000	Structural assessment		Nov-08	Yes	Pass		SELECT	2017	
Has integrity	y testing be	en carried out in accordan	ce with licence requirements an	d are all structures tested in											
15 line with BS8	8007/EPA G	uidance?			bunding and storage guideli	ines	Yes								
16 Are channels	s/transfer s	stems to remote contain	ment systems tested?				SELECT								
17 Are channel	ls/transfer s	ystems compliant in both	integrity and available volume?				Yes		Ι						

## 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	
1 underground structures and pipelines on site which failed the integrity test and all which have not been tested withing the integrity test period as specified	SELECT
2 Please provide integrity testing frequency period	SELECT
*please note integrity testing means water tightness testing for process and foul pipelines (as required under your licence)	

11		
	SELECT	
	SELECT	

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

	rable	bz. Juliinary details of pr	penne/underground structures in	tegnty test						
Struct	ture ID	Type system		Does this structure have Secondary containment?	Type of secondary containment		Integrity reports maintained on site?			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

Groundwater	/Soil	monitoring	template

ic No:	W0022-01	Year

			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	ves		
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		Please provide an interpretation of groundwater monitoring data in the interpretation box below or if you require additional space please include a groundwater/contaminated land monitoring results interpretaion as an additional section in this AER
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below. template	SELECT		
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 assesment 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?	yes		Please enter interpretation of data here

## ole 1: Upgradient Groundwater monitoring results

Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration++	Average Concentration+	unit	GTV's*	IGV	Upward trend in pollutant concentration over last 5 years of monitoring data
quarterly	BH4	pН	Meter	quarterly	7.2	7	UNIT		9.5	no
quarterly	BH4	Temp	Meter	quarterly			SELECT			no
quarterly	BH4	Elec.Conductivity	Meter	quarterly	17.6	13.1	uS/cm		1000	no
quarterly	BH4	Chlorides	titration	quarterly	12020	6685	mg/l		250	no
quarterly	BH4	Ammoniacal Nitorgen	ISE	quarterly	3.3	1.2	mg/l		0.02NH3	no
quarterly	BH4	Iron	ICP	quarterly			ug/l		1.0mg/l	no
quarterly	BH4	TON	HACH	quarterly	37.1	29.1	mg/l		no abnormal change	no
quarterly	BH4	тос	TOC analyser	quarterly	19.3	14.9	mg/l		no abnormal change	no
15/8/2015	BH4	Cadmium	ICP	Annual	<1	<2	ug/l		0.005mg/l	no
15/8/2015	BH4	Chromium (total)	ICP	Annual	2.5	2.5	ug/l		0.03mg/l	no
15/8/2015	BH4	Copper	COLORIMETRY	Annual	18.6	18.6	ug/I		0.03mg/l	no
15/8/2015	BH4	Cyanide (Total)	ICP	Annual	<0.01	<0.02	ug/I		0.01mg/l	no
15/8/2015	BH4	Lead	ICP	Annual	1.58	1.58	ug/I		0.01mg/l	no
15/8/2015	BH4	Mangnesium	ICP	Annual	274	274	mg/l		50 mg/l	no
15/8/2015	BH4	Manganese	ICP	Annual	532	532	ug/I		0.03mg/l	no
15/8/2015	BH4	Mercury	ICP	Annual	<0.5	<0.6	ug/l		0.001mg/l	no
15/8/2015	BH4	Nickle	ICP	Annual	5.18	5.18	mg/l		0.02 mg/l	no
15/8/2015	BH4	Potassium	ICP	Annual	135	135			5 mg/l	no
15/8/2015	BH4	Sulphate	Aquakem auto analyser	Annual	593	593	mg/l		200 mg/l	no
15/8/2015	BH4	Total Alkalinity	icp	Annual	286	286	mg/l			no
15/8/2015	BH4	Total Phosphorus	spectrophotometry apha	Annual	0.56	0.56	mg/l			no
15/8/2015	BH4	Phenols	GC-MS	Annual	<1.0		ug/I		0.5ug/l	no
15/8/2015	BH4	Naphthalene	GC-MS	Annual	<0.01	<0.01	ug/l		1.0 ug/l	no

dwater/Soil monitoring	g template				Lic No:	W0022-01		Year	2015		
15/0/0015				A							
15/8/2015	BH4	Acenaphthylene	GC-MS	Annual	<0.01	<0.01	ug/l		1000 1	no	
15/8/2015 15/8/2015	BH4 BH4	Anthracene	GC-MS GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l		1000ug/l	no	1
15/8/2015	BH4 BH4	Chrysene Fluoranthene	GC-MS GC-MS	Annual	<0.01	<0.01	ug/l ug/l			no	1
15/8/2015	BH4 BH4	Fluoranthene	GC-MS GC-MS	Annual	<0.01	<0.01	ug/i			no	1
15/8/2015	BH4 BH4	Pyrene	GC-MS	Annual	<0.01	<0.01	ug/i			no	
15/8/2015	BH4 BH4	Phenanthrene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
10/0/2010	bii4	Bromodichlorome	00 100	7 ti il ddi	<0.01	<0.01	ug/1			110	
15/8/2015	BH4	thane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH4	Bromoform	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH4	Chloroform	GC-MS	Annual	<0.01	<0.01	ug/l		12 ug/l	no	
		Dibromochlorome					, and the second s		-		
15/8/2015	BH4	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		Dibromochlorome									
15/8/2015	BH4	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH4	Vinyl Chloride	GC-MS	Annual	<1.0	<1.0	ug/l	0.375 ug/l	0.375 ug/l	no	
15/8/2015	BH4	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
ΤΤ		1 T									
15/8/2015	BH4	Trichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
15/8/2015	BH4	Bromomethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	4
45/0/2045		Trichloromonofluo		Annual							
15/8/2015	BH4	romethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	-
15/8/2015	DUIA	11 Diable	CC 145	Annual	-10					n-	
15/8/2015	BH4 BH4	11 Dichloroethene	GC-MS GC-MS	Annual	<1.0 <1.0	<1.0 <1.0	ug/l			no	1
13/3/2013	D <b>r</b> 14	Chloromethane 1,1-	UC-IVIS	Annudi	<1.0	<1.0	ug/l			no	1
15/8/2015	BH4	dichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
10/0/2010	bii4	dichioroctriane	00 100	, unidai	1.0	41.0	ug/i	-		no	
		11									
15/8/2015	BH4	Dichloropropene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH4	1,2 dicloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,2-									
15/8/2015	BH4	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,1,1-									
15/8/2015	BH4	trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		112									
15/8/2015	BH4	Trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		4.2									
15/9/2015	DUA	1,3-	GC-MS	Annual	-1.0	-1.0	110/1			20	
15/8/2015 15/8/2015	BH4 BH4	dichloropropane	GC-MS GC-MS	Annual	<1.0	<1.0	ug/l			no	1
13/3/2013	D <b>r</b> 14	2-Hexanone 1,2-	UC-IVIS	Annudi	<1.0	<1.0	ug/l			no	1
15/8/2015	BH4	1,2- dibromoethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH4 BH4	Chlorobenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
10,0/2010	0.14	CHIGIODEIIZEIIE	00 1913	,	~1.0	~1.0	ug/1			00	1
		1,1,1,2-									
15/8/2015	BH4	tetrachloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH4	Ethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l		10 ug/l	no	1
15/8/2015	BH4	Xylene P&M	GC-MS	Annual	<1.0	<1.0	ug/l		0	no	1
15/8/2015	BH4	Styrene	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
				1							1
15/8/2015	BH4	Isopropylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
							-				1
		1,1,2,2-									
15/8/2015	BH4	tetrachloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,2,3-									
15/8/2015	BH4	trichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
	BH4	Propylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	DIT										
15/8/2015											
	BH4	2-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no	

Groundwate	er/Soil monitori	ng template				Lic No:	W0022-01		Year	2015		
			1,3,5-									
	15/8/2015	BH4	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
	15/8/2015	BH4	Tert Butyl Benzene	GC-MS	Annual	.1.0	.1.0				no	
-	15/6/2015	6П4	Tert Bulyi Benzene	GC-IVIS	Annuai	<1.0	<1.0	ug/l			110	
			1,2,4-									
	15/8/2015	BH4	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
	15/8/2015	BH4	sec-butylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
	15/8/2015	BH4	Pentachloropheno	66 M6	Annual	-0.01	-0.01			2.0 ug/l		
-	15/6/2015	BH4	1	GC-MS	Annuai	<0.01	<0.01	ug/l		2.0 ug/i	no	
	15/8/2015	BH4	Tetrachloroethene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			Hexachlorobenzen					~				
	15/8/2015	BH4	e	GC-MS	Annual	<0.01	<0.01	ug/l		0.03 ug/l	no	
	15/0/0015		Hexachlorobutadi		A							
-	15/8/2015	BH4	ene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			2,4,6-						1			
	15/8/2015	BH4	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no	
Ì			2,4-						1			1
ļ	15/8/2015	BH4	Dichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			2.4									
	15/8/2015	BH4	2,4- Dimethylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/8/2015	BH4	2-Chlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no	
ľ												
			1,2,4-									
	15/8/2015	BH4	trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			1,2-									
	15/8/2015	BH4	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
ľ												
			1,3-									
	15/8/2015	BH4	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			1,4-									
	15/8/2015	BH4	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
ľ												
			2,4,5-									
	15/8/2015	BH4	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/8/2015	BH4	2,4-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
·		5	2,1 Bind otoldene	00 005		-0.01	10.01	55/1			110	
	15/8/2015	BH4	2,6-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
			2-									
	15/8/2015	BH4	Chloronaphthalen	GC-MS	Annual	<0.01	<0.01	110/1			no	
ŀ	10/0/2010	DH4	e 2-	UC-1VIS	Annudi	<0.01	<0.01	ug/l			110	
			Methylnaphthalen									
	15/8/2015	BH4	e	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/0/0015				A							
ŀ	15/8/2015 15/8/2015	BH4 BH4	2-Methylphenol 2-Nitrophenol	GC-MS GC-MS	Annual Annual	<0.01	<0.01	ug/l			no	
ŀ	13/0/2013	DN4	4-Bromophenyl	00-1015	Annuai	<0.01	<0.01	ug/l			no	
	15/8/2015	BH4	Phenyl Ether	GC-MS	Annual	<0.01	<0.01	ug/l			no	
İ			4-Chloro-3-									
ļ	15/8/2015	BH4	methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/0/0045	D	4-Chlorophenyl		April							
ŀ	15/8/2015 15/8/2015	BH4 BH4	phenyl ether 4-Nitrophenol	GC-MS GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l ug/l			no no	
ł	15/8/2015	BH4 BH4	Acenaphthene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
ł			Benzo(a)anthrace				5.01	-6/ '				
	15/8/2015	BH4	ne	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/8/2015	BH4	Benzo(a)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	15/8/2015	BH4	Benzo(b)fluoranth	GC-MS	Annual	<0.01	<0.01	110/1				
L	13/0/2013	DП4	ene	00-1915	Alliluai	<0.01	<0.01	ug/l			no	I

/Soil monitorin	ng template				Lic No:	W0022-01		Year	2015	
		Benzo(g,h,i)peryle								
15/8/2015	BH4	ne	GC-MS	Annual	<0.01	<0.01	ug/l			no
45/0/0045		Benzyl Butyl		A						
15/8/2015	BH4	Phthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Bis(2- chloroethoxy)met								
15/8/2015	BH4	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no
.0/0/2010	<b>ВП4</b>	nalle	GC-1VI3	/ unitudi	×0.01	×0.01	ug/I		1	10
		Bis(2-								
15/8/2015	BH4	chloroethyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Bis(2-								
		chloroisopropyl)et								
15/8/2015	BH4	her	GC-MS	Annual	<0.01	<0.01	ug/l			no
-		Bis(2-								
		ethylhexyl)phthala								
15/8/2015	BH4	te	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Dibenz(a,h)anthra								
15/8/2015	BH4	cene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Dibenzofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
45/0/0045				Anciel						
15/8/2015	BH4	Diethylphthalate	GC-MS	Annual	<0.01	<0.01	ug/I			no
15/8/2015	0114	di-n-	66 M6	Annual	-0.01	-0.01				
15/8/2015	BH4	Butylphthalate	GC-MS	Annuai	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Di-n- octylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			
15/8/2015	BH4 BH4	Diphenylamine	GC-MS GC-MS	Annual	<0.01	<0.01 <0.01	ug/I ug/I			no
.0/0/2010	<b>ВП4</b>	Diprienylamine	GC-1VI3	/ unitudi	×0.01	×0.01	ug/I		1	10
15/8/2015	BH4	Hexachloroethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
	5114	Indeno(1,2,3-	00 1915		-0.01	-0.01	~5/ <sup>1</sup>			.10
15/8/2015	BH4	c,d)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Isophorone	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
15/8/2015	BH4	Nitrobenzene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no
		n-Nitrosodi-n-								
15/8/2015	BH4	propylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Acetone	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Dichloromethane	GC-MS	Annual	<0.01	<0.01	ug/I			no
45/0/0015	_			A	_	1				
15/8/2015	BH4	Tetrahydrofuran	GC-MS	Annual	<0.01	<0.01	ug/l		40	no
15/8/2015	BH4	Toluene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no
15/8/2015	BH4	Xylene -o	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug//l	no
15/8/2015	BH4	Dichlorodifluorom ethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
13/0/2013	<b>ВП4</b>	Ethyl	00-1013	Annudi	<0.01	<0.01	ug/1		ł	10
		Chloride/Chloroet								
15/8/2015	BH4	hane	GC-MS	Annual	<0.01	<0.01	ug/I			no
	5	Ethyl	00.00		-0.01	-0.01	45/1		ł	
		Ether/Diethyl								
15/8/2015	BH4	Ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Iodomethane/Met								
15/8/2015	BH4	hyl Iodide	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Carbon Disulphide	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Allyl Chloride	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Chlormethyl								
		Cyanide/Chloroac								
		etonitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Propanenitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015 15/8/2015	BH4 BH4			1						
15/8/2015	BH4	Trans-1,2		A mr		<0.01	ug/l			no
15/8/2015 15/8/2015	BH4 BH4	Trans-1,2 Dichloroethene	GC-MS	Annual	<0.01	0.01				
15/8/2015	BH4	Trans-1,2	GC-MS GC-MS	Annual Annual	<0.01	<0.01	ug/l		30 ug/l	no
15/8/2015 15/8/2015	BH4 BH4	Trans-1,2 Dichloroethene MtBE				<0.01	ug/l		30 ug/l	no
15/8/2015 15/8/2015 15/8/2015	BH4 BH4 BH4	Trans-1,2 Dichloroethene MtBE 2,2-	GC-MS	Annual	<0.01				30 ug/l	
15/8/2015 15/8/2015	BH4 BH4	Trans-1,2 Dichloroethene MtBE 2,2- dichloropropane				<0.01	ug/l		30 ug/l	no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	8H4 8H4 8H4 8H4	Trans-1,2 Dichloroethene MtBE 2,2- dichloropropane cis-12	GC-MS GC-MS	Annual Annual	<0.01	<0.01	ug/l		30 ug/l	no
15/8/2015 15/8/2015 15/8/2015	BH4 BH4 BH4	Trans-1,2 Dichloroethene MtBE 2,2- dichloropropane	GC-MS	Annual	<0.01				30 ug/l	

	g template				Lic No:	W0022-01		Year	2015	
		Bromochlorometh								
15/8/2015	BH4	ane	GC-MS	Annual	<0.01	<0.01	ug/l			no
1							-			
15/8/2015	BH4	Methacrylonitrile	GC-MS	Annual	< 0.01	< 0.01	ug/l			no
15/8/2015	BH4	1-Chlorobutane	GC-MS	Annual	< 0.01	<0.01	ug/l			no
		Carbon								
15/8/2015	BH4	Tetrachloride	GC-MS	Annual	<0.01	<0.01	ug/l			no
							-67			
15/8/2015	BH4	Dibromomethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
	BITT	Methyl	00 110		10.01	10.01	35/1			110
15/8/2015	BH4	Methacrylate	GC-MS	Annual	<0.01	<0.01	ug/l			no
10/0/2010	BI14	13	GC-IVI3	7 tilliddi	<0.01	<0.01	ug/i			110
45/0/2045		Dichloropropene,c		Annual			"			
15/8/2015	BH4	is	GC-MS	Annual	<0.01	<0.01	ug/l			no
		MIBK/4 Methyl 2								
15/8/2015	BH4	Pentanone	GC-MS	Annual	<0.01	<0.01	ug/l			no
		13								
		Dichloropropene,t				1				
15/8/2015	BH4	rans	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Ethyl								
15/8/2015	BH4	Methacrylate	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Bromobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
							0.			
		Trans 14 Dichloro				1				
15/8/2015	BH4	2 Butene, tran	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0114	2 butche, trail		,	~0.01	~0.01	ug/1			10
		Р								
15/9/2015	0114		66 M6	Appual	-0.01	-0.01				
15/8/2015	BH4	Isopropyltoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
45/0/0045				Annual	l					
15/8/2015	BH4	N Butyl Benzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,2-dibromo-3-								
15/8/2015	BH4	chloropropane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,2,3-								
15/8/2015	BH4	trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH4	Mecoprop	GC-MS	Annual	<0.01	<0.01	ug/l	0.075 ug/l		no
15/8/2015	BH4	Bentazone	GC-MS	Annual	<0.01	<0.01	ug/l	0.075 ug/l		no
15/8/2015	BH4	Simazine		Annual	<0.01	<0.01	ug/l	0.075 ug/l		no
quarterly	BH3	pH	Meter	quarterly	7.4	7.1	UNIT	o ug/.	9.5	no
quarterly	BH3		Meter	quarterly	7.4	7.1	SELECT		0.0	
quarterry	6113	Temp	ivieter	quarterry			SELEUI			no
quarterly	0112	Flore Court of the		au orte-lu	40.0	44.0			1000	
quarterly	BH3	Elec.Conductivity	Meter	quarterly	12.2	11.3	uS/cm			no
quarterly	BH3	Chlorides	titration	quarterly	4509	3899	mg/l		250	no
		Ammoniacal								
quarterly	BH3	Nitorgen	ISE	quarterly	25.9	10.1	mg/l		0.02NH3	no
quarterly	BH3	Iron	ICP	quarterly			ug/l		1.0mg/l	no
									no abnormal	
	0112	TON		quarterly	5.4	4.6	mg/I		change	no
quarterly	BH3	TON	HACH	quarteriy	5.4	1.0	iiig/i			
quarterly	BH3	TON	HACH	quarterly	5.4	4.0	ing/i		no abnormal	
quarterly quarterly	BH3 BH3			quarterly	3.1	1.8				no
		TOC	HACH TOC analyser ICP				mg/l		no abnormal change 0.005mg/l	no
quarterly	BH3	тос	TOC analyser	quarterly	3.1	1.8			change	
quarterly 15/8/2015	BH3 BH3	TOC Cadmium	TOC analyser ICP	quarterly Annual	3.1 <1	1.8 <1	mg/l ug/l		change 0.005mg/l	no
quarterly 15/8/2015 15/8/2015	BH3 BH3 BH3	TOC Cadmium Chromium (total)	TOC analyser ICP ICP	quarterly Annual Annual	3.1 <1 <1	1.8 <1 <1	mg/l ug/l ug/l		change 0.005mg/l 0.03mg/l	no
quarterly 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper	TOC analyser ICP ICP COLORIMETRY	quarterly Annual Annual Annual	3.1 <1 <1 <1 <1	1.8 <1 <1 <1 <1	mg/l ug/l ug/l ug/l		change 0.005mg/l 0.03mg/l 0.03mg/l	no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total)	TOC analyser ICP ICP COLORIMETRY ICP	quarterly Annual Annual Annual Annual	3.1 <1 <1 <1 <0.01	1.8 <1 <1 <1 <0.01	mg/l ug/l ug/l ug/l ug/l		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l	no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead	TOC analyser ICP ICP COLORIMETRY ICP ICP	quarterly Annual Annual Annual Annual Annual	3.1 <1 <1 <1 <1 <0.01 <1	1.8 <1 <1 <1 <0.01 <1	mg/l ug/l ug/l ug/l ug/l ug/l		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l	no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Mangnesium	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <1 <0.01 <1 239	1.8 <1 <1 <1 <0.01 <1 239	mg/l ug/l ug/l ug/l ug/l ug/l ug/l mg/l		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 50 mg/l	no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Mangnesium Manganese	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249	1.8 <1 <1 <0.01 <1 239 1249	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 50 mg/l 0.03mg/l	no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Mangnesium Manganese Mercury	TOC analyser ICP ICP ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5	1.8 <1 <1 <0.01 <1 239 1249 <0.5	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.03mg/l 0.03mg/l 0.03mg/l	no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Mangnesium Manganese	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l		change 0.005mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.01mg/l 0.03mg/l 0.03mg/l 0.03mg/l 0.02 mg/l	no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Mangnesium Manganese Mercury	TOC analyser ICP ICP ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5	1.8 <1 <1 <0.01 <1 239 1249 <0.5	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.03mg/l 0.03mg/l 0.03mg/l	no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.01mg/l 0.03mg/l 0.03mg/l 0.03mg/l 0.021mg/l	no no no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.01mg/l 0.03mg/l 0.03mg/l 0.03mg/l 0.021mg/l	no no no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	8H3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 B	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle Potassium Sulphate	TOC analyser ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP ICP Aquakem auto analyser	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.001mg/l 0.001mg/l 0.001mg/l 0.02 mg/l 5 mg/l	no no no no no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3         BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle Potassium	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.001mg/l 0.001mg/l 0.001mg/l 0.02 mg/l 5 mg/l	no no no no no no no no no no no no
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3           BH3	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle Potassium Sulphate Total Alkalinity	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP ICP Aquakem auto analyser spectrophotometry	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312 175	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312 175	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.001mg/l 0.001mg/l 0.001mg/l 0.02 mg/l 5 mg/l	no no no no no no no no no no no no no n
quarterly 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	8H3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 BH3 B	TOC Cadmium Chromium (total) Copper Cyanide (Total) Lead Manganese Mercury Nickle Potassium Sulphate	TOC analyser ICP ICP COLORIMETRY ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP	quarterly Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	3.1 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312	1.8 <1 <1 <0.01 <1 239 1249 <0.5 1.07 93.3 312	mg/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l u		change 0.005mg/l 0.03mg/l 0.03mg/l 0.01mg/l 0.01mg/l 0.001mg/l 0.001mg/l 0.001mg/l 0.02 mg/l 5 mg/l	no no no no no no no no no no no

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45/0/0045				A							
15/8/2015	BH3	Acenaphthylene	GC-MS	Annual	<0.01	<0.01	ug/l		1000 "	no	
15/8/2015	BH3	Anthracene	GC-MS	Annual	<0.01	<0.01	ug/l		1000ug/l	no	-
15/8/2015	BH3	Chrysene	GC-MS	Annual	<0.01	<0.01	ug/l			no	4
15/8/2015	BH3	Fluoranthene	GC-MS	Annual	<0.01	<0.01	ug/l			no	4
15/8/2015	BH3	Fluorene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH3	Pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH3	Phenanthrene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Bromodichlorome									
15/8/2015	BH3	thane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH3	Bromoform	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH3	Chloroform	GC-MS	Annual	<0.01	<0.01	ug/l		12 ug/l	no	
		Dibromochlorome									
15/8/2015	BH3	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		Dibromochlorome									
15/8/2015	BH3	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH3	Vinyl Chloride	GC-MS	Annual	<1.0	<1.0	ug/l	0.375 ug/l	0.375 ug/l	no	
15/8/2015	BH3	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	]
											1
15/8/2015	BH3	Trichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH3	Bromomethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
		Trichloromonofluo									1
15/8/2015	BH3	romethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
											1
15/8/2015	BH3	11 Dichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH3	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
		1,1-								-	1
15/8/2015	BH3	dichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
							-6/				
		11									
15/8/2015	BH3	Dichloropropene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
10/0/2010	DIIS	Dienioropropene	00 1015	7 annoca	<1.0	<1.0	ug/i	-		10	-
15/8/2015	BH3	1,2 dicloroethane	GC-MS	Annual	<1.0	<1.0				no	
13/0/2013	БПЭ	1,2 ulcioroethane	00-1015	Annuar	<1.0	<1.0	ug/l			110	-
		1.0									
45/0/0045		1,2-		Annual			"				
15/8/2015	BH3	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
45/0/0045		1,1,1-		Annual							
15/8/2015	BH3	trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	_
		112									
15/8/2015	BH3	Trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,3-									
15/8/2015	BH3	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
15/8/2015	BH3	2-Hexanone	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,2-									
15/8/2015	BH3	dibromoethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH3	Chlorobenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
							-				1
		1,1,1,2-									
15/8/2015	BH3	tetrachloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no	
15/8/2015	BH3	Ethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l	10 ug/l	10 ug/l	no	1
15/8/2015	BH3	Xylene P&M	GC-MS	Annual	<1.0	<1.0	ug/l	, , , , , , , , , , , , , , , , , , ,	0	no	1
15/8/2015	BH3	Styrene	GC-MS	Annual	<1.0	<1.0	ug/l			no	1
						1.0				-	1
15/8/2015	BH3	Isopropylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
	5		110		-1.0	-1.0	-5/				1
		1,1,2,2-									
15/8/2015	BH3	1,1,2,2- tetrachloroethane	GC-MS	Annual	<1.0	<1.0	ug/I			20	
13/0/2013	bH3	tetracmoroetnañe	UC-IVIS	Annudi	<1.0	<1.0	ug/l			no	-
		122									
45/0/0045		1,2,3-		April							
15/8/2015	BH3	trichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no	4
15/8/2015	BH3	Propylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	4
	BH3	2-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no	4
15/8/2015	DITS										
15/8/2015	BH3	4-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no	

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		1,3,5-									
15/8/2	2015 внз	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
45/0/2	0015 000	Test Duty I Deserve	66 M6	Annual		4.0					
15/8/2	2015 внз	Tert Butyl Benzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		1,2,4-									
15/8/2	2015 внз	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
10/0/2	515	uniterryibenzene	00 110	/ under	41.0	41.0	35/1			110	
15/8/2	2015 внз	sec-butylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no	
		Pentachloropheno									
15/8/2	2015 BH3	1	GC-MS	Annual	<0.01	<0.01	ug/l		2.0 ug/l	no	
4.5 10 10				A							
15/8/2	2015 внз	Tetrachloroethene		Annual	<0.01	<0.01	ug/l	-		no	
15/8/2	2015 внз	Hexachlorobenzen	GC-MS	Annual	<0.01	<0.01	ug/l		0.03 ug/l	no	
10/0/2	B113	Hexachlorobutadi	00-1013	741100	<0.01	<0.01	ug/i		0.00 ug/i	110	
15/8/2	2015 внз	ene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		2,4,6-									
15/8/2	2015 BH3	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no	
		2,4-									
15/8/2	2015 внз	Dichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		2.4				1					
15/8/2	2015 внз	2,4- Dimethylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2		2-Chlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l	200 ug/l	200 ug/l	no	
10/0/2	515	2 enteroprietter	00 110	/ under	-0.01	10.01	35/1	200 ug/!	200 dg/	110	
		1,2,4-									
15/8/2	2015 внз	trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		1,2-									
15/8/2	2015 внз	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		1,3-									
15/8/2	2015 внз	1,3- dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
13/0/2	BI13	dicitiorobelizette	00-1013	Annuar	<0.01	<0.01	ug/i			110	
		1,4-									
15/8/2	2015 внз	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		2,4,5-									
15/8/2	2015 BH3	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
1 5 10 10											
15/8/2	2015 внз	2,4-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2	2015 внз	2,6-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
10/0/2	B113	2,0-Dimitotoldene	00-1013	741100	<0.01	<0.01	ug/i			110	
		Chloronaphthalen				1					
15/8/2	2015 внз	e	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		2-	1	1	1	1				1	1
		Methylnaphthalen				1					
15/8/2	2015 внз	e	GC-MS	Annual	<0.01	<0.01	ug/l			no	
4 5 10 10	0015			A							
15/8/2		2-Methylphenol	GC-MS GC-MS	Annual Annual	<0.01	<0.01	ug/l			no	
15/8/2	2015 ВНЗ	2-Nitrophenol 4-Bromophenyl	GC-IVIS	Annuai	<0.01	<0.01	ug/l			no	
15/8/2	2015 внз	Phenyl Ether	GC-MS	Annual	<0.01	<0.01	ug/l			no	
10,0/2		4-Chloro-3-			-2.01	-0.01	-61	1			1
15/8/2	2015 внз	methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		4-Chlorophenyl									]
15/8/2		phenyl ether	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2		4-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l		-	no	1
15/8/2	2015 внз	Acenaphthene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2	0015	Benzo(a)anthrace		Annual							
		ne Ronzo(a)pyropo	GC-MS GC-MS	Annual Annual	<0.01	<0.01	ug/l			no	
	BH3	Benzo(a)pyrene	GC-IVIS	Annuai	<0.01	<0.01	ug/l			no	
15/8/2											
15/8/2	2015 внз	Benzo(b)fluoranth ene	GC-MS	Annual	<0.01	<0.01	ug/l			no	

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		Benzo(g,h,i)peryle								
15/8/2015	BH3	ne	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/0/2015	8118	Benzyl Butyl		Annual						
15/8/2015	BH3	Phthalate Bis(2-	GC-MS	Annual	<0.01	<0.01	ug/l			no
		chloroethoxy)met								
15/8/2015	BH3	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0110	nunc	00110		-0.01	10.01	45/1			
		Bis(2-								
15/8/2015	BH3	chloroethyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Bis(2-								
		chloroisopropyl)et								
15/8/2015	BH3	her	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Bis(2-								
15/8/2015	BH3	ethylhexyl)phthala te	GC-MS	Annual	<0.01	<0.01				no
13/8/2013	BH3	Dibenz(a,h)anthra	GC-IVIS	Annuai	<0.01	<0.01	ug/l			no
15/8/2015	BH3	cene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Dibenzofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
							-0/-			
15/8/2015	BH3	Diethylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
		di-n-					-			
15/8/2015	BH3	Butylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Di-n-								
15/8/2015	BH3	octylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Diphenylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	0112	Howeshipsetter	CC 115	Annual	-0.04	-0.04				
10/0/2015	BH3	Hexachloroethane Indeno(1,2,3-	GC-MS	Annuai	<0.01	<0.01	ug/l			no
15/8/2015	BH3	c,d)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Isophorone	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
15/8/2015	BH3	Nitrobenzene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no
		n-Nitrosodi-n-	-				U.	l	Ĭ	
15/8/2015	BH3	propylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Acetone	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Dichloromethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/0/2045	<b>B</b> -12	Tabashi 1 f	~~~~	Appus						
15/8/2015 15/8/2015	BH3 BH3	Tetrahydrofuran Toluene	GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l		10 ug/l	no
15/8/2015	BH3 BH3	Xylene -o	GC-MS GC-MS	Annual	<0.01	<0.01	ug/l ug/l		10 ug/l	no no
10/0/2010	6115	Dichlorodifluorom	00-1915	Annuar	NU.U1	×0.01	ug/i		io ug//i	110
15/8/2015	BH3	ethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Ethyl				.5.01	- 0r ·	İ	1	
		Chloride/Chloroet								
15/8/2015	BH3	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Ethyl								
		Ether/Diethyl								
15/8/2015	BH3	Ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/0/2015	0112	Iodomethane/Met	66 M6	Annual	-0.01	-0.01				
15/8/2015	BH3	hyl Iodide	GC-MS	Annuai	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Carbon Disulphide	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Allyl Chloride	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
	015	Chlormethyl	00 1915	/ ********	\$0.01	50.01	ug/1			110
		Cyanide/Chloroac								
45/0/0045	BH3	etonitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Propanenitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015		Trans-1,2								
15/8/2015			GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015 15/8/2015	BH3	Dichloroethene		Annual	<0.01	<0.01	ug/l		30 ug/l	no
15/8/2015	BH3 BH3	Dichloroethene MtBE	GC-MS	Annual						
15/8/2015 15/8/2015		MtBE	GC-MS	Annuar						
15/8/2015 15/8/2015 15/8/2015	BH3	MtBE 2,2-				-0.01				
15/8/2015 15/8/2015		MtBE 2,2- dichloropropane	GC-MS GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH3 BH3	MtBE 2,2- dichloropropane cis-12	GC-MS	Annual	<0.01					
15/8/2015 15/8/2015 15/8/2015	BH3	MtBE 2,2- dichloropropane				<0.01 <0.01 <0.01	ug/l ug/l ug/l			no no no

	oring template				Lic No:	W0022-01		Year	2015	
idwater/3011110111		Bromoshloromoth	1	1	LIC NO.	W0022-01		Tear	2015	1
15/8/2015	BH3	Bromochlorometh ane	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Methacrylonitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	1-Chlorobutane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Carbon								
15/8/2015	BH3	Tetrachloride	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Dibromomethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
45/0/2045		Methyl		Annual						
15/8/2015	BH3	Methacrylate 13	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Dichloropropene,c is	GC-MS	Annual	<0.01	<0.01				
		MIBK/4 Methyl 2	GC-IVIS	Annuar	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Pentanone 13	GC-MS	Annual	<0.01	<0.01	ug/l			no
		13 Dichloropropene,t								
15/8/2015	BH3	rans	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	Ethyl Methacrylate	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015		Bromobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Trans 14 Dichloro								
15/8/2015	BH3	2 Butene, tran	GC-MS	Annual	<0.01	<0.01	ug/l			no
		р								
15/8/2015	BH3	P Isopropyltoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	N Butyl Benzene 1,2-dibromo-3-	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH3	chloropropane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,2,3-								
15/8/2015	внз	trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015		Mecoprop	GC-MS	Annual	<0.01	<0.01	ug/l	0.075 ug/l		no
45/0/0045	BH3					<0.01				
15/8/2015		Bentazone	GC-MS	Annual	<0.01		ug/l	0.075 ug/i		no
	-	Bentazone	GC-MS		<0.01		ug/l	0.075 ug/l		no
15/8/2015	BH3	Simazine	GC-MS	Annual Annual	<0.01 <0.01	<0.01	ug/l ug/l	0.075 ug/l	IGV	no
15/8/2015 re average indicates	BH3	Simazine							IGV IGV	
15/8/2015 ere average indicates neasured concentratio	BH3 arithmetic mean	Simazine								
15/8/2015 here average indicates measured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	
15/8/2015 here average indicates measured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	
15/8/2015 here average indicates measured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	
15/8/2015 here average indicates measured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	
15/8/2015 here average indicates measured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	no
15/8/2015 nere average indicates neasured concentration	BH3 arithmetic mean on from all monitoring r	Simazine							IGV	no Upward trend in yearly
15/8/2015 here average indicates measured concentration wngradient Groundw	BH3 arithmetic mean on from all monitoring r ater monitoring results	Simazine				<0.01			IGV	no Upward trend in yearly average pollutant
15/8/2015 ere average indicates beasured concentration	BH3 arithmetic mean on from all monitoring r ater monitoring results Sample location	Simazine		Annual					IGV	no Upward trend in yearly
15/8/2015 ere average indicates heasured concentration wngradient Groundw Date of	BH3 arithmetic mean on from all monitoring r ater monitoring results Sample location	Simazine esults produced duri Parameter/	ng the reporting year	Annual	<0.01	<0.01	ug/l	0.075 ug/l	IGV IGV	no Upward trend in yearly average pollutant concentration over last 5
15/8/2015 ere average indicates reasured concentration wngradient Groundw Date of sampling	BH3 arithmetic mean in from all monitoring r ater monitoring results Sample location reference	Simazine esults produced duri Parameter/ Substance	ng the reporting year	Annual Monitoring frequency	<0.01 Maximum Concentration	<0.01 Average Concentration	ug/l	0.075 ug/l	IGV IGV	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data
15/8/2015         ere average indicates         reasured concentration         wngradient Groundw         Date of         sampling         quarterly	BH3 arithmetic mean on from all monitoring r ater monitoring results Sample location reference BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp	ng the reporting year Methodology Meter Meter	Annual Monitoring frequency quarterly quarterly	<0.01 Maximum Concentration	<0.01 Average Concentration	ug/l unit UNIT SELECT	0.075 ug/l	IGV IGV IGV 9.5	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no
15/8/2015 neer average indicates measured concentration wngradient Groundw Date of sampling quarterly quarterly quarterly quarterly	BH3 arithmetic mean on from all monitoring re- ter monitoring results sample location reference BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp Elec.Conductivity	ng the reporting year Methodology Meter Meter Meter	Annual Monitoring frequency quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3	<0.01 Average Concentration 5.9 2.9	ug/I unit UNIT SELECT uS/cm	0.075 ug/l	IGV IGV IGV 9.5 1000	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no
15/8/2015         here average indicates         measured concentration         owngradient Groundw         Date of sampling         quarterly         quarterly	BH3 arithmetic mean on from all monitoring re- ter monitoring results sample location reference BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp	ng the reporting year Methodology Meter Meter	Annual Monitoring frequency quarterly quarterly	<0.01 Maximum Concentration 7.1	<0.01 Average Concentration 5.9	ug/l unit UNIT SELECT	0.075 ug/l	IGV IGV IGV 9.5	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no
15/8/2015 here average indicates measured concentratio swngradient Groundw Date of sampling quarterly quarterly quarterly quarterly quarterly	BH3 arithmetic mean on from all monitoring re- ster monitoring results reference BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen	Methodology Methodology Meter Meter Meter titration ISE	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506	<0.01 Average Concentration 5.9 2.9 842.3	ug/I unit UNIT SELECT uS/cm mg/I mg/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no
15/8/2015         here average indicates         measured concentration         owngradient Groundw         Date of         sampling         quarterly         quarterly         quarterly	BH3 arithmetic mean on from all monitoring re- ster monitoring results reference BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp Elec.Conductivity Chlorides Ammoniacal	Methodology Meter Meter Meter titration	Annual Monitoring frequency quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506 1.9	<0.01 Average Concentration 5.9 2.9 842.3 1.3	unit Unit UNIT SELECT uS/cm mg/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3 1.0mg/	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no
15/8/2015 here average indicates measured concentratio owngradient Groundw Date of sampling quarterly quarterly quarterly quarterly quarterly	BH3 arithmetic mean on from all monitoring results sample location reference BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen	Methodology Methodology Meter Meter Meter titration ISE	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506	<0.01 Average Concentration 5.9 2.9 842.3	ug/I unit UNIT SELECT uS/cm mg/I mg/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no
15/8/2015         here average indicates         measured concentration         owngradient Groundw         Date of sampling         quarterly         quarterly         quarterly         quarterly         quarterly	BH3 arithmetic mean on from all monitoring results ter monitoring results Sample location reference BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance pH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON	Methodology Methodology Meter Meter titration ISE ICP HACH	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506 1.9	<0.01 Average Concentration 5.9 2.9 842.3 1.3	unit UNIT SELECT US/cm mg/I ug/I ug/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3 1.0mg/1 no abnormal change no abnormal	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no no no no
15/8/2015         here average indicates         measured concentration         owngradient Groundw         Date of         sampling         quarterly         quarterly         quarterly         quarterly         quarterly	BH3 arithmetic mean on from all monitoring results ter monitoring results Sample location reference BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON TON	Methodology Meter Meter Utration ISE ICP HACH TOC analyser	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506 1.9 2.4 9.1	<0.01 Average <u>Concentration</u> 5.9 2.9 842.3 1.3 2 8.2	unit UNIT SELECT US/cm mg/I mg/I ug/I mg/I mg/I mg/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3 1.0mg/l no abnormal change	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no no no no no
15/8/2015         here average indicates         measured concentration         owngradient Groundw         Date of sampling         quarterly         quarterly	BH3 arithmetic mean on from all monitoring results remonitoring results BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri esults produced duri Parameter/ Substance pH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON TOC Cadmium	Methodology Meter Meter Meter titration ISE ICP HACH TOC analyser ICP	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 Maximum Concentration 7.1 7.3 2506 1.9 2.4	<0.01 Average Concentration 5.9 2.9 842.3 1.3 2	ug/I unit UNIT SELECT uS/cm mg/I ug/I mg/I ug/I ug/I ug/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3 1.0mg/1 no abnormal change 0.005mg/1	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no no no no no no no
15/8/2015         here average indicates         measured concentratio         owngradient Groundw         Date of         sampling         quarterly	BH3 arithmetic mean on from all monitoring results ter monitoring results Sample location reference BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1 BH1	Simazine esults produced duri Parameter/ Substance PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON TON	Methodology Meter Meter Utration ISE ICP HACH TOC analyser	Annual Monitoring frequency quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <p>Maximum Concentration 7.1 7.3 2506 1.9 2.4 9.1 &lt;1</p>	<0.01 Average Concentration 5.9 2.9 842.3 1.3 2 8.2 <1	unit UNIT SELECT US/cm mg/I mg/I ug/I mg/I mg/I mg/I	0.075 ug/l	IGV IGV IGV 9.5 1000 250 0.02NH3 1.0mg/l no abnormal change no abnormal change	no Upward trend in yearly average pollutant concentration over last 5 years of monitoring data no no no no no no no no no

r/Soil monitorin	g template				Lic No:	W0022-01		Year	2015	
5/8/2015	BH1	Cyanide (Total)	ICP	Annual	<0.01	<0.01	ug/l		0.01mg/l	no
15/8/2015	BH1	Lead	ICP	Annual	<1	<1	ug/l		0.01mg/l	no
15/8/2015	BH1	Mangnesium	ICP	Annual	34.6	34.6	mg/l		50 mg/l	no
15/8/2015	BH1	Manganese	ICP	Annual	1105	1105	ug/l		0.03mg/l	no
15/8/2015	BH1	Mercury	ICP	Annual			ug/l		0.001mg/l	no
15/8/2015	BH1	Nickle	ICP	Annual	4	4	mg/l		0.02 mg/l	no
15/8/2015	BH1	Potassium	ICP	Annual	8.79	8.79			5 mg/l	no
			Aquakem auto						-	
15/8/2015	BH1	Sulphate	analyser	Annual	37.3	37.3	mg/l		200 mg/l	no
15/8/2015	BH1	Total Alkalinity	icp	Annual	362	362	mg/l		-	no
		,	spectrophotometry			0.17				
15/8/2015	BH1	Total Phosphorus	apha	Annual	0.17		mg/l			no
15/8/2015	BH1	Phenols	GC-MS	Annual	<0.01	<0.01	ug/l		0.5ug/l	no
15/8/2015	BH1	Naphthalene	GC-MS	Annual	<0.01	<0.01	ug/l		1.0 ug/l	no
							-0/-			
15/8/2015	BH1	Acenaphthylene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Anthracene	GC-MS	Annual	<0.01	<0.01	ug/l		1000ug/l	no
15/8/2015	BH1	Chrysene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Fluoranthene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1 BH1	Fluorene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Phenanthrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
.0/0/2010	DIL	Bromodichlorome	GC WID	/ sin luai	NU.U1	×0.01	ug/i			110
15/8/2015	BH1	thane	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Bromoform	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1 BH1	Chloroform	GC-MS	Annual	<1.0	<0.01			12 ug/l	
10/0/2013	DUT	Dibromochlorome	00-1015	Annual	<1.U	<1.0	ug/l		12 ug/i	no
15/8/2015	BH1	thane	GC-MS	Annual	<1.0	<1.0	ug/l			20
13/0/2013	041	tnane Dibromochlorome	UC-IVIS	Amiludi	<1.U	<1.0	ug/I			no
15/8/2015	BH1		GC-MS	Annual	~1.0	<10	1.91			
15/8/2015	BH1 BH1	thane Vinyl Chloride	GC-MS GC-MS	Annual	<1.0 <1.0	<1.0 <1.0	ug/l ug/l	0.375 ug/l	0.375 ug/l	no
15/8/2015				Annual				0.375 ug/l	0.375 ug/i	no
13/0/2013	BH1	Chloromethane	GC-MS	Amiludi	<1.0	<1.0	ug/l			no
15/8/2015	BH1	Trichloroethene	GC-MS	Annual	<1.0	<1.0	1.91			
15/8/2015				Annual			ug/l			no
15/6/2015	BH1	Bromomethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	DUIA	Trichloromonofluo	CC 145	Annual	.1.0	.1.0				
15/6/2015	BH1	romethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/0/0015				A						
15/8/2015	BH1	11 Dichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
45/0/0045		1,1-		A						
15/8/2015	BH1	dichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l	-		no
		I								
		11								
15/8/2015	BH1	Dichloropropene	GC-MS	Annual	<1.0	<1.0	ug/l			no
										1
15/8/2015	BH1	1,2 dicloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
										1
		1,2-								
15/8/2015	BH1	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no
Т										
		1,1,1-								
	BH1	trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015										
15/8/2015										
		112		Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	112 Trichloroethane	GC-MS	Annual						
	BH1		GC-MS	Annuai						
15/8/2015	BH1		GC-MS	Annuar						
15/8/2015	BH1 BH1	Trichloroethane	GC-MS GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015		Trichloroethane				<1.0				no
15/8/2015	BH1	Trichloroethane 1,3- dichloropropane	GC-MS	Annual	<1.0		ug/l ug/l			
15/8/2015	BH1	Trichloroethane 1,3- dichloropropane 2-Hexanone	GC-MS	Annual	<1.0					
15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1	Trichloroethane 1,3- dichloropropane 2-Hexanone 1,2- dibromoethane	GC-MS GC-MS GC-MS	Annual Annual	<1.0 <1.0	<1.0	ug/l ug/l			no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH1 BH1	Trichloroethane 1,3- dichloropropane 2-Hexanone 1,2-	GC-MS GC-MS	Annual Annual Annual	<1.0 <1.0 <1.0	<1.0	ug/l			no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1	Trichloroethane 1,3- dichloropropane 2.Hexanone 1,2- dibromoethane Chlorobenzene	GC-MS GC-MS GC-MS	Annual Annual Annual	<1.0 <1.0 <1.0	<1.0	ug/l ug/l			no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1 BH1	Trichloroethane 1,3- dichloropropane 2.Hexanone 1,2- dibromoethane Chlorobenzene 1,1,1,2-	GC-MS GC-MS GC-MS GC-MS	Annual Annual Annual Annual	<1.0 <1.0 <1.0 <1.0	<1.0 <1.0 <1.0	ug/l ug/l ug/l			no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1	Trichloroethane 1,3- dichloropropane 2.Hexanone 1,2- dibromoethane Chlorobenzene	GC-MS GC-MS GC-MS	Annual Annual Annual	<1.0 <1.0 <1.0	<1.0	ug/l ug/l	10 ug/l	10 ug/l	no

r/Soil monitoring	g template				Lic No:	W0022-01		Year	2015	
15/8/2015	BH1	Styrene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	Isopropylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/6/2015	DUI	Isopropyibelizelle	GC-IVIS	Annuar	<1.0	<1.0	ug/i			110
1 5 10 10 0 1 5		1,1,2,2-								
15/8/2015	BH1	tetrachloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,2,3-								
15/8/2015 15/8/2015	BH1	trichloropropane	GC-MS GC-MS	Annual Annual	<1.0	<1.0	ug/l			no
15/6/2015	BH1	Propylbenzene	GC-IVIS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	2-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	4-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no
	0.11	4 chlorocoldene	00 115		110	41.0	46/1			110
15/8/2015	BH1	1,3,5- trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/6/2015	DUI	trimethyibenzene	GC-IVIS	Annuar	<1.0	<1.0	ug/i			110
15/8/2015	BH1	Tert Butyl Benzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,2,4-								
15/8/2015	BH1	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH1	sec-butylbenzene	GC-MS	Annual	-0.01	-0.01				
15/6/2015	BHI	Pentachloropheno	GC-IVIS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	1	GC-MS	Annual	<0.01	<0.01	ug/l		2.0 ug/l	no
15/8/2015	BH1	Tetrachloroethene	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0111	Hexachlorobenzen	GC WIS		10.01	10.01	ug/i			110
15/8/2015	BH1	e	GC-MS	Annual	<0.01	<0.01	ug/l		0.03 ug/l	no
15/8/2015	BH1	Hexachlorobutadi ene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	2,4,6- Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no
	0111	2,4-	GC WIS	, unider	10.01	10.01	ug/i		200 dg/.	110
15/8/2015	BH1	Dichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2,4-								
15/8/2015	BH1	Dimethylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	2-Chlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no
		1,2,4-								
15/8/2015	BH1	trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,2-								
15/8/2015	BH1	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,3-								
15/8/2015	BH1	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
T		1.4								
15/8/2015	BH1	1,4- dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	2,4,5- Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
							ω <sub>6</sub> / 1			
15/8/2015	BH1	2,4-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	2,6-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2-	-				<i></i>			
15/8/2015	BH1	Chloronaphthalen e	GC-MS	Annual	<0.01	<0.01	ug/l			no
	DIT	2-	00-1013	7411001	<0.01	<0.01	ug/i			110
45/0/2045	DUIA	Methylnaphthalen	66 M6	Annual						
15/8/2015	BH1	e	GC-MS	Annual	<0.01	<0.01	ug/l			no
						<0.01				

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15/8/2015	BH1	2-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		4-Bromophenyl				1	0,				1
15/8/2015	BH1	Phenyl Ether	GC-MS	Annual	<0.01	<0.01	ug/I			no	
		4-Chloro-3-									
15/8/2015	BH1	methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		4-Chlorophenyl									
15/8/2015	BH1	phenyl ether	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	4-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Acenaphthene	GC-MS	Annual	<0.01	<0.01	ug/l	_		no	
15/0/2015		Benzo(a)anthrace		Annual	0.04	0.04					
15/8/2015 15/8/2015	BH1 BH1	ne	GC-MS GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l	-		no	
15/6/2015	BH1	Benzo(a)pyrene Benzo(b)fluoranth	GC-MS	Annuai	<0.01	<0.01	ug/l	-		no	
15/8/2015	BH1	ene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
10/0/2010	BITT	Benzo(g,h,i)peryle	00-1013	7 tindai	<0.01	N0.01	ug/i	-		110	
15/8/2015	BH1	ne	GC-MS	Annual	<0.01	<0.01	ug/l			no	
10/0/2010	DIT	Benzyl Butyl	00 100	, undar	\$0.01	40.01	ug/i	-		110	
15/8/2015	BH1	Phthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Bis(2-					-0/-				
		chloroethoxy)met									
15/8/2015	BH1	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
							0,				1
		Bis(2-				1					
15/8/2015	BH1	chloroethyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Bis(2-									]
		chloroisopropyl)et				1					
15/8/2015	BH1	her	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Bis(2-									
		ethylhexyl)phthala									
15/8/2015	BH1	te	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Dibenz(a,h)anthra									
15/8/2015	BH1	cene	GC-MS	Annual	<0.01	<0.01	ug/I	_		no	
15/8/2015	BH1	Dibenzofuran	GC-MS	Annual	<0.01	<0.01	ug/l	_		no	
15/0/2015				Annual	0.04	0.04					
15/8/2015	BH1	Diethylphthalate di-n-	GC-MS	Annuai	<0.01	<0.01	ug/l	-		no	
15/8/2015	BH1		GC-MS	Annual	-0.01	-0.01					
13/0/2013	BHI	Butylphthalate Di-n-	00-1015	Annuai	<0.01	<0.01	ug/l	-		no	
15/8/2015	BH1	octylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Diphenylamine	GC-MS	Annual	<0.01	<0.01	ug/l	-		no	
10/0/2010	DIT	Diprienylamine	00 100	, undar	\$0.01	40.01	ug/i			110	
15/8/2015	BH1	Hexachloroethane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
		Indeno(1,2,3-					-0/-				
15/8/2015	BH1	c,d)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Isophorone	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Nitrobenzene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no	1
		n-Nitrosodi-n-				1			1		1
15/8/2015	BH1	propylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Acetone	GC-MS	Annual	<0.01	<0.01	ug/l			no	]
15/8/2015	BH1	Dichloromethane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015	BH1	Tetrahydrofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no	1
15/8/2015	BH1	Toluene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no	1
15/8/2015	BH1	Xylene -o	GC-MS	Annual	<0.01	<0.01	ug/l	_	10 ug//l	no	
4 1 10 10 0 1 1		Dichlorodifluorom		A							
15/8/2015	BH1	ethane	GC-MS	Annual	<0.01	<0.01	ug/l	_		no	1
		Ethyl				1					
45/0/2045	2114	Chloride/Chloroet		Annual							
15/8/2015	BH1	hane	GC-MS	Annual	<0.01	<0.01	ug/l	_		no	1
		Ethyl Eth an (Diathyd									
15/9/2015	DUIA	Ether/Diethyl	66 M6	Annual	-0.01	-0.01					
15/8/2015	BH1	Ether	GC-MS	Annuai	<0.01	<0.01	ug/l			no	1
4 5 10 10 0 1 5	DU1	Iodomethane/Met	CC MS	Annual	-0.01	-0.01					
	BH1	hyl Iodide	GC-MS	Annual	<0.01	<0.01	ug/l	-		no	
15/8/2015											
15/8/2015	BH1	Carbon Disulphide	GC-MS	Annual	<0.01	<0.01	ug/l			no	
15/8/2015											

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		Chlormethyl								
		Cyanide/Chloroac								
15/8/2015	BH1	etonitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Propanenitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Trans-1,2								
15/8/2015	BH1	Dichloroethene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	MtBE	GC-MS	Annual	<0.01	<0.01	ug/l		30 ug/l	no
		2,2-								
15/8/2015	BH1	dichloropropane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		cis-12								
15/8/2015	BH1	Dichloroethene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015 15/8/2015	BH1	2-Butanone	GC-MS	Annual Annual	<0.01	<0.01	ug/l	-		no
15/6/2015	BH1	Methyl Acrylate	GC-MS	Annuai	<0.01	<0.01	ug/l			no
15/8/2015	DU1	Bromochlorometh	CC MS	Annual	-0.01	-0.01				
10/0/2010	BH1	ane	GC-MS	Annual	<0.01	<0.01	ug/l	+		no
15/8/2015	BH1	Methacrylonitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1 BH1	1-Chlorobutane	GC-MS	Annual	<0.01	<0.01	ug/i			no
	DIL	Carbon	00 1013	,	~0.01	~0.01	ug/i			10
15/8/2015	BH1	Tetrachloride	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0.12	readmonde	00.00		-0.01	-0.01	35/1			
15/8/2015	BH1	Dibromomethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Methyl					0			
15/8/2015	BH1	Methacrylate	GC-MS	Annual	<0.01	<0.01	ug/l			no
		13								
		Dichloropropene,c								
15/8/2015	BH1	is	GC-MS	Annual	<0.01	<0.01	ug/l			no
		MIBK/4 Methyl 2								
15/8/2015	BH1	Pentanone	GC-MS	Annual	<0.01	<0.01	ug/l			no
		13								
1 = 10 10		Dichloropropene,t								
15/8/2015	BH1	rans	GC-MS	Annual	<0.01	<0.01	ug/l			no
45/0/0045		Ethyl		A						
15/8/2015	BH1	Methacrylate	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1	Bromobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Trans 14 Dichloro								
15/8/2015	BH1	2 Butene, tran	GC-MS	Annual	<0.01	<0.01	ug/I			no
10/0/2010	DUT	z butene, tran	GC-1VI3	Annual	<0.01	<0.01	ug/l	+		110
		р								
15/8/2015	BH1	Isopropyltoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
	DUIT	Sopropyrioidelle	00 1013	/	10.01	50.01	ug/1			110
15/8/2015	BH1	N Butyl Benzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		1,2-dibromo-3-					-0/			
	DUIA	chloropropane	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH1									-
15/8/2015	BHI	entoropropulie								
15/8/2015	BHI	1,2,3-								
15/8/2015	BH1		GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015 15/8/2015		1,2,3-		Annual	<0.01 <0.01	<0.01 <0.01	ug/l ug/l	0.075 ug/l		no no
15/8/2015 15/8/2015 15/8/2015	BH1	1,2,3- trichlorobenzene	GC-MS					0.075 ug/l 0.075 ug/l		
15/8/2015 15/8/2015	BH1 BH1	1,2,3- trichlorobenzene Mecoprop	GC-MS GC-MS	Annual	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	ug/l			no
15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1	1,2,3- trichlorobenzene Mecoprop Bentazone	GC-MS GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l ug/l	0.075 ug/l	9.5	no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015	BH1 BH1 BH1 BH1	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine	GC-MS GC-MS GC-MS	Annual Annual Annual	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01 6.9	ug/l ug/l ug/l	0.075 ug/l	9.5	no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly	BH1 BH1 BH1 BH1 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine pH Temp	GC-MS GC-MS GC-MS Meter Meter	Annual Annual Annual quarterly quarterly	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	ug/l ug/l ug/l UNIT SELECT	0.075 ug/l		no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly	BH1 BH1 BH1 BH1 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity	GC-MS GC-MS GC-MS Meter Meter Meter	Annual Annual Annual quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494	<0.01 <0.01 <0.01 6.9 238	ug/l ug/l ug/l UNIT	0.075 ug/l	1000	no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly	BH1 BH1 BH1 BH1 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides	GC-MS GC-MS GC-MS Meter Meter	Annual Annual Annual quarterly quarterly	<0.01 <0.01 <0.01 <b>7.1</b> 494 2949	<0.01 <0.01 <0.01 6.9 238 4747	ug/l ug/l ug/l UNIT SELECT	0.075 ug/l		no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly	8H1 BH1 BH1 BH1 BH2 BH2 BH2 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine pH Temp Elec.Conductivity Chlorides Armoniacal	GC-MS GC-MS GC-MS Meter Meter titration	Annual Annual <b>quarterly</b> quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494	<0.01 <0.01 <0.01 6.9 238	ug/I ug/I UNIT SELECT uS/cm mg/I	0.075 ug/l	1000 250	no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly	BH1 BH1 BH1 BH2 BH2 BH2 BH2 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen	GC-MS GC-MS GC-MS Meter Meter titration ISE	Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 <b>7.1</b> 494 2949	<0.01 <0.01 <0.01 6.9 238 4747	ug/I ug/I UNIT SELECT uS/cm mg/I mg/I	0.075 ug/l	1000 250 0.02NH3	no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly	8H1 BH1 BH1 BH1 BH2 BH2 BH2 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine pH Temp Elec.Conductivity Chlorides Armoniacal	GC-MS GC-MS GC-MS Meter Meter titration	Annual Annual <b>quarterly</b> quarterly quarterly quarterly	<0.01 <0.01 <0.01 <b>7.1</b> 494 2949 0.4	<0.01 <0.01 <0.01 6.9 238 4747 0.2	ug/I ug/I UNIT SELECT uS/cm mg/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/l	no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly quarterly	BH1 BH1 BH1 BH2 BH2 BH2 BH2 BH2 BH2 BH2 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron	GC-MS GC-MS GC-MS Meter Meter titration ISE ICP	Annual Annual <b>quarterly</b> quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 <b>7.1</b> 494 2949	<0.01 <0.01 <0.01 6.9 238 4747	ug/I ug/I UNIT SELECT uS/cm mg/I mg/I ug/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/l no abnormal	no no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly	BH1 BH1 BH1 BH2 BH2 BH2 BH2 BH2 BH2 BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen	GC-MS GC-MS GC-MS Meter Meter titration ISE	Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494 2949 0.4 6.3	<0.01 <0.01 <0.01 6.9 238 4747 0.2 5.1	ug/I ug/I UNIT SELECT uS/cm mg/I mg/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/I no abnormal change	no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly quarterly quarterly	BH1           BH1           BH1           BH1           BH2           BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine <b>PH</b> Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON	GC-MS GC-MS GC-MS Meter Meter titration ISE ICP HACH	Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 <b>7.1</b> 494 2949 0.4	<0.01 <0.01 <0.01 6.9 238 4747 0.2	ug/I ug/I ug/I UNIT SELECT uS/cm mg/I mg/I ug/I ug/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/l no abnormal change no abnormal	no no no no no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	8H1 8H1 8H1 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON TOC	GC-MS GC-MS GC-MS Meter Meter titration ISE ICP HACH TOC analyser	Annual Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494 2949 0.4 6.3 6.3 4.4	<0.01 <0.01 <0.01 6.9 238 4747 0.2 5.1 1.8	ug/I ug/I ug/I UNIT SELECT uS/cm mg/I ug/I ug/I mg/I mg/I mg/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/I no abnormal change no abnormal change	no no no no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly quarterly quarterly	BH1           BH1           BH1           BH1           BH2           BH2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine <b>PH</b> Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON	GC-MS GC-MS GC-MS Meter Meter titration ISE ICP HACH	Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494 2949 0.4 6.3 6.3 4.4 <1	<0.01 <0.01 <0.01 6.9 238 4747 0.2 5.1 1.8 <2	ug/I ug/I ug/I UNIT SELECT uS/cm mg/I mg/I ug/I ug/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/l no abnormal change no abnormal	no no no no no no no no no no no
15/8/2015 15/8/2015 15/8/2015 15/8/2015 15/8/2015 quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	8H1 8H1 8H1 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2 8H2	1,2,3- trichlorobenzene Mecoprop Bentazone Simazine PH Temp Elec.Conductivity Chlorides Ammoniacal Nitorgen Iron TON TOC	GC-MS GC-MS GC-MS Meter Meter titration ISE ICP HACH TOC analyser	Annual Annual Annual quarterly quarterly quarterly quarterly quarterly quarterly quarterly quarterly	<0.01 <0.01 <0.01 7.1 494 2949 0.4 6.3 6.3 4.4	<0.01 <0.01 <0.01 6.9 238 4747 0.2 5.1 1.8	ug/I ug/I ug/I UNIT SELECT uS/cm mg/I ug/I ug/I mg/I mg/I mg/I	0.075 ug/l	1000 250 0.02NH3 1.0mg/I no abnormal change no abnormal change	no no no no no no no no no no

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15/8/2015	BH2	Cyanide (Total)	ICP	Annual	<0.1	<0.2	ug/l		0.01mg/l	no
5/8/2015	BH2	Lead	ICP	Annual	<1	<2	ug/l		0.01mg/l	no
15/8/2015	BH2	Mangnesium	ICP	Annual			mg/l		50 mg/l	no
15/8/2015	BH2	Manganese	ICP	Annual	5.7	6.7	ug/l		0.03mg/l	no
15/8/2015	BH2	Mercury	ICP	Annual	<0.5	<0.6	ug/l		0.001mg/l	no
15/8/2015	BH2	Nickle	ICP	Annual	<1	<2	mg/l		0.02 mg/l	no
15/8/2015	BH2	Potassium	ICP	Annual	3.95	3.95			5 mg/l	no
10/0/2010	DITZ	FOLASSIUITI	Aquakem auto	74111001	3.33	3.55	-		o mg/i	110
15/8/2015	BH2	Sulphate		Annual	4.23	4.23			200 mg/l	no
		Total Alkalinity	analyser	Annual			mg/l		200 mg/i	
15/8/2015	BH2	Total Alkalinity	icp	Annual	265	265	mg/l	-		no
			spectrophotometry							
15/8/2015	BH2	Total Phosphorus	apha	Annual	<0.04	<0.05	mg/l			no
15/8/2015	BH2	Phenols	GC-MS	Annual	<0.01	<0.01	ug/l		0.5ug/l	no
15/8/2015	BH2	Naphthalene	GC-MS	Annual	<0.01	<0.01	ug/l		1.0 ug/l	no
15/8/2015	BH2	Acenaphthylene	GC-MS	Annual	<0.01	< 0.01	ug/l			no
15/8/2015	BH2	Anthracene	GC-MS	Annual	<0.01	<0.01	ug/l		1000ug/l	no
15/8/2015	BH2	Chrysene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Fluoranthene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Fluorene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2 BH2	Phenanthrene	GC-MS	Annual	<0.01	<0.01	ug/i			no
10/0/2010	DEL	Bromodichlorome		Annudi	<0.01	<0.01	ug/I			110
15/0/2045	DUID		CC 115	Annual	-0.01	.0.01				
15/8/2015	BH2	thane	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Bromoform	GC-MS	Annual	<0.01	<0.01	ug/l		10 "	no
15/8/2015	BH2	Chloroform	GC-MS	Annual	<1.0	<1.0	ug/l		12 ug/l	no
		Dibromochlorome								
15/8/2015	BH2	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no
		Dibromochlorome								
15/8/2015	BH2	thane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	Vinyl Chloride	GC-MS	Annual	<1.0	<1.0	ug/l	0.375 ug/l	0.375 ug/l	no
15/8/2015	BH2	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l	_		no
15/8/2015	BH2	Trichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	Bromomethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
	0/16	Trichloromonofluo			-1.0	-1.0	5/1			10
15/8/2015	BH2	romethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
10/0/2010	DIL	romeutaile		Alliluai	<1.U	<1.U	ug/i			110
15/8/2015	0/12	44 Diski	<b>66.1</b> 5	Approx						
	BH2	11 Dichloroethene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	Chloromethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,1-								
15/8/2015	BH2	dichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
Т										
		11								
15/8/2015	BH2	Dichloropropene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	1,2 dicloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
		,					. or ·			
		1,2-								
15/8/2015	BH2	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no
13,0/2010	0112	alemoroproparie	GC MD	7 111001	×1.0	×1.0	45/1			10
		1 1 1								
15/8/2015	D/12	1,1,1-	GC-MS	Annual	<1.0	<1.0				
10/0/2015	BH2	trichloroethane	GC-MS	Annuai	<1.0	<1.0	ug/l			no
		112								
15/8/2015	BH2	Trichloroethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,3-								
15/8/2015	BH2	dichloropropane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	2-Hexanone	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,2-								
15/8/2015	BH2	dibromoethane	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	Chlorobenzene	GC-MS	Annual	<1.0	<1.0	ug/l	1		no
.0/0/2010	DUT	Chiorobelizeile		/ unitual	×1.0	×1.0	ug/I			110
		1112								
	BH2	1,1,1,2-	66 M/6	Annual						
45/0/0045	KH7	tetrachloroethane		Annual	<1.0	<1.0	ug/l	10	10	no
15/8/2015										
15/8/2015 15/8/2015 15/8/2015	BH2 BH2	Ethylbenzene Xylene P&M	GC-MS GC-MS	Annual Annual	<1.0 <1.0	<1.0 <1.0	ug/l ug/l	10 ug/l	10 ug/l	no

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15/8/2015	BH2	Styrene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	Isopropylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
	0.12		00.00	7 4 11 4 4	\$1.0	11.0	45/ ·			
15/8/2015	BH2	1,1,2,2- tetrachloroethane	GC-MS	Annual	<1.0	<1.0				
15/6/2015	BHZ	tetrachioroethane	GC-MS	Annuar	<1.0	<1.0	ug/l			no
		1,2,3-								
15/8/2015 15/8/2015	BH2 BH2	trichloropropane Propylbenzene	GC-MS GC-MS	Annual Annual	<1.0 <1.0	<1.0 <1.0	ug/l ug/l			no no
										110
15/8/2015	BH2	2-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	4-chlorotoluene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	1,3,5- trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
							. 01			
15/8/2015	BH2	Tert Butyl Benzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
		1,2,4-								
15/8/2015	BH2	trimethylbenzene	GC-MS	Annual	<1.0	<1.0	ug/l			no
15/8/2015	BH2	sec-butylbenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Pentachloropheno								
15/8/2015	BH2	I	GC-MS	Annual	<0.01	<0.01	ug/l		2.0 ug/l	no
15/8/2015	BH2	Tetrachloroethene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Hexachlorobenzen	CC MS	Annual	-0.01	-0.01			0.03 ug/l	
13/0/2013	БП2	e Hexachlorobutadi	GC-MS	Annuar	<0.01	<0.01	ug/l		0.03 ug/i	no
15/8/2015	BH2	ene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2,4,6-								
15/8/2015	BH2	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l		200 ug/l	no
15/8/2015	BH2	2,4- Dichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
10/0/2010	DIIZ	Dichlorophenol	GC-INIS	7 under	<0.01	<0.01	ugri			110
45/0/2045	0.110	2,4-	00.145	Annual						
15/8/2015 15/8/2015	BH2 BH2	Dimethylphenol 2-Chlorophenol	GC-MS GC-MS	Annual Annual	<0.01 <0.01	<0.01 <0.01	ug/l ug/l		200 ug/l	no no
									Ŭ	
15/8/2015	BH2	1,2,4- trichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0.12		00.00		-0.01	-0.01	45/ ·			
15/8/2015	BH2	1,2- dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug //			
13/0/2013	DF12	dichiorobenzene	UC-IVIS	Annual	<0.01	<0.01	ug/l			no
45/0/0045	0112	1,3-	<i>cc.</i>	Annual						
15/8/2015	BH2	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
1 - 10 10 - 1		1,4-								
15/8/2015	BH2	dichlorobenzene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2,4,5-								
15/8/2015	BH2	Trichlorophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	2,4-Dinitrotoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	2,6-Dinitrotoluene 2-	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2- Chloronaphthalen								
15/8/2015	BH2	е	GC-MS	Annual	<0.01	<0.01	ug/l			no
		2- Methylnaphthalen								
15/8/2015	BH2	e	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	2-Methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
.0/0/2010	012	2-ivieuryiphenol	00-1013	/ unitudi	×0.01	NU.U1	ug/1		I	10

/ 5011 1110111101	ing template				Lic No:	W0022-01		Year	2015	
15/8/2015	BH2	2-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
		4-Bromophenyl					0.		İ	
15/8/2015	BH2	Phenyl Ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
		4-Chloro-3-								
15/8/2015	BH2	methylphenol	GC-MS	Annual	<0.01	<0.01	ug/l			no
	i i	4-Chlorophenyl					0.		İ	
15/8/2015	BH2	phenyl ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2 BH2	4-Nitrophenol	GC-MS	Annual	<0.01	<0.01	ug/i		1	no
15/8/2015	BH2 BH2	Acenaphthene	GC-MS	Annual	<0.01	<0.01			ł	no
15/6/2015	BHZ		GC-IVIS	Annual	<0.01	<0.01	ug/l	-	-	no
45/0/0045		Benzo(a)anthrace		Annual						
15/8/2015	BH2	ne	GC-MS	Annual	<0.01	<0.01	ug/l		-	no
15/8/2015	BH2	Benzo(a)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Benzo(b)fluoranth								
15/8/2015	BH2	ene	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Benzo(g,h,i)peryle								
15/8/2015	BH2	ne	GC-MS	Annual	< 0.01	<0.01	ug/l			no
	1	Benzyl Butyl							1	
15/8/2015	BH2	Phthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
	DIIZ		GC IVID	,	~0.01	-0.01	ug/1		ł	10
		Bis(2-								
451010015		chloroethoxy)met		A		l .				1
15/8/2015	BH2	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no
										1
		Bis(2-								1
15/8/2015	BH2	chloroethyl)ether	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Bis(2-								
		chloroisopropyl)et								1
15/8/2015	BH2	her	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0.12	Bis(2-					-8/ '			
										1
15/0/2015	0112	ethylhexyl)phthala	66 M6	Appuol	-0.01	.0.01				
15/8/2015	BH2	te	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Dibenz(a,h)anthra								1
15/8/2015	BH2	cene	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Dibenzofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Diethylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
	1	di-n-		i i i i i i i i i i i i i i i i i i i			0.		İ	
15/8/2015	BH2	Butylphthalate	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0112	Di-n-	00 100	, unidai	-0.01	-0.01	45/1		1	110
15/8/2015	BH2		GC-MS	Annual	<0.01	<0.01				
		octylphthalate					ug/l			no
15/8/2015	BH2	Diphenylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
										1
15/8/2015	BH2	Hexachloroethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Indeno(1,2,3-								
15/8/2015	BH2	c,d)pyrene	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
15/8/2015	BH2	Isophorone	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Nitrobenzene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no
	1	n-Nitrosodi-n-		1					Ť	
15/8/2015	BH2	propylamine	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Acetone	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
10/0/2010	DTL	Acetone	CIVI-JU	Annuai	<0.01	<0.01	ug/I		<u> </u>	110
1 = /0/004 =		Disblass	<b>CC 1 C</b>	Approval		.0.01				l .
15/8/2015	BH2	Dichloromethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
										1
15/8/2015	BH2	Tetrahydrofuran	GC-MS	Annual	<0.01	<0.01	ug/l			no
15/8/2015	BH2	Toluene	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug/l	no
15/8/2015	BH2	Xylene -o	GC-MS	Annual	<0.01	<0.01	ug/l		10 ug//l	no
	1	Dichlorodifluorom					0.			
15/8/2015	BH2	ethane	GC-MS	Annual	<0.01	<0.01	ug/l			no
	DIIZ	Ethyl	GC IVID	/ unitudi	×0.01	NU.U1	ug/1		ł	10
						1			1	1
45/0/0045		Chloride/Chloroet		A		l			1	1
15/8/2015	BH2	hane	GC-MS	Annual	<0.01	<0.01	ug/l			no
		Ethyl								
		Ether/Diethyl								
15/8/2015	BH2	Ether	GC-MS	Annual	<0.01	<0.01	ug/l		1	no
		Iodomethane/Met					-			
15/8/2015	BH2	hyl Iodide	GC-MS	Annual	<0.01	<0.01	ug/l			no
	0.12	ingr iourae	00 115		10101	10101	35/1			
45/0/2045	BH2	Carbon Disulphide	GC-MS	Annual	<0.01	<0.01				no
	BHZ	carbon Disulphide					ug/l	L		
15/8/2015 15/8/2015	BH2	Allyl Chloride	GC-MS	Annual	<0.01	<0.01	ug/l			no

Chlor				Lic No:	W0022-01		Year	2015		
Chion	rmethyl									
	/Chloroac									
	nitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	nenitrile	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	ns-1,2					. 0/				
		GC-MS	Annual	<0.01	<0.01	ug/I			no	
			Annual					30 ug/l		
0112	itbe	001115		10.01	10.01	46/1			110	
2	2.2									
		GC MS	Annual	-0.01	-0.01	ug/I			20	
		00-1013	Annual	<0.01	<0.01	ug/i			110	
		CC 145	Appuol	-0.01	-0.01					
		GC-MS	Annuai	<0.01	<0.01	ug/l			no	
BH2 a	ane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
									no	
		GC-MS	Annual	<0.01	<0.01	ug/l			no	
BH2 Tetrac	chloride	GC-MS	Annual	<0.01	<0.01	ug/l			no	
BH2 Dibromo	omethane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
					1	v.				
		GC-MS	Annual	<0.01	<0.01	ug/l			no	
						· 0/				
		GC-MS	Annual	<0.01	<0.01	110/1			ne	
		00.003		-0.01	-0.01	ug/1				
		GC-MS	Annual	<0.01	<0.01	ug/l			ne	
		30-1913	/ 11100	×0.01	×0.01	ug/i			110	
		66 M6	Appuol	-0.01	-0.01					
		GC-MS	Annual	<0.01	<0.01	ug/I			no	
		00.117	A =====							
BH2 Bromo	openzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
BH2 2 Bute	ene, tran	GC-MS	Annual	<0.01	<0.01	ug/l			no	
	I —									
	Р									
BH2 Isoprop	oyltoluene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
BH2 N Butyl	l Benzene	GC-MS	Annual	<0.01	<0.01	ug/l			no	
1,2-dib	bromo-3-									
BH2 chloro	propane	GC-MS	Annual	<0.01	<0.01	ug/l			no	
						v.				
1.	,2,3-									
		GC-MS	Annual	<0.01	<0.01	ug/l			no	
							0.075 ug/l			
		30 100								
3111			Annuai	<0.01	<0.01	ug/i	0.073 ug/1		110	
	BH2     N       BH2     dichlor       BH2     Dichlor       BH2     Methy       BH2     Methy       BH2     Methy       BH2     Methy       BH2     I-Chlo       BH2     Dichlor       BH2     Methy       BH2     Dichlor       BH2     MiBK/4       BH2     Pen       BH2     Dichlors       BH2     BH2       BH2     Fer       BH2     Beromotor       BH2     Beromotor       BH2     Beromotor       BH2     Beromotor       BH2     Spromotor       BH2     Isoprop       BH2     N Buty       BH2     Methy       BH2     N Buty       BH2     Methy       BH2     N Buty       BH2     N Buty       BH2     Methy	BH2     MtBE       2,2-       dichloropropane       cis-12       BH2     Dichloroethene       BH2     2-Butanone       BH2     Amethyl Acrylate       Bromochlorometh       BH2     Methyl Acrylate       BH2     Methyl Acrylate       BH2     Methacrylonitrile       BH2     1-Chlorobutane       Carbon     Carbon       BH2     Dibromomethane       BH2     Methacrylate       BH2     Dibroropropene,c       BH2     NBK/4 Methyl 2       BH2     Pentanone       13     Dichloropropene,t       BH2     BH2       BH2     BH2       BH2     BH2       BH2     BH2       BH2     Bromobenzene       BH2     Sopropyltoluene       BH2     N Butyl Benzene       1,2,3-     thchloropane       BH2     N Butyl Benzene       BH2     N Butyl Benzene       BH2     Chloropropane       1,2,3-     BH2       BH2     Mecoprop       BH2     Mecoprop	BH2     MtBE     GC-MS       2,2- dichloropropane     GC-MS       BH2     Dichloroethene     GC-MS       BH2     Dichloroethene     GC-MS       BH2     Settonone     GC-MS       BH2     Anthyl Acrylate     GC-MS       BH2     Methyl Acrylate     GC-MS       BH2     Methyl Acrylate     GC-MS       BH2     Methacrylonitrile     GC-MS       BH2     1-Chlorobutane     GC-MS       BH2     Tetrachloride     GC-MS       BH2     Dibromomethane     GC-MS       BH2     Methacrylate     GC-MS       BH2     Dibromomethane     GC-MS       BH2     Methacrylate     GC-MS       BH2     Nethyl     BH2       BH2     Pentanone     GC-MS       BH2     Pentanone     GC-MS       BH2     Pentanone     GC-MS       BH2     Pentanone     GC-MS       BH2     Bromobenzene     GC-MS       BH2     Bromobenzene     GC-MS       BH2     Bromobenzene     GC-MS       BH2     Isopropyltoluene     GC-MS       BH2     Isopropyltoluene     GC-MS       BH2     Isopropyltoluene     GC-MS       BH2     N Butyl Benze	BH2     MtBE     GC-MS     Annual       2,2-     dichloropropane     GC-MS     Annual       BH2     dichloropropane     GC-MS     Annual       BH2     Dichloroethene     GC-MS     Annual       BH2     2-Butanone     GC-MS     Annual       BH2     2-Butanone     GC-MS     Annual       BH2     2-Butanone     GC-MS     Annual       BH2     Methyl Acrylate     GC-MS     Annual       BH2     ane     GC-MS     Annual       BH2     ane     GC-MS     Annual       BH2     Tetrachloride     GC-MS     Annual       BH2     Tetrachloride     GC-MS     Annual       BH2     Dibromomethane     GC-MS     Annual       BH2     Methacrylate     GC-MS     Annual       BH2     Methacrylate     GC-MS     Annual       BH2     Methacrylate     GC-MS     Annual       BH2     Pentanone     GC-MS     Annual       BH2     Pentan	BH2     MtBE     GC-MS     Annual     <0.01	BH2         MBE         GC-MS         Annual         <0.01         <0.01           2,2-         GC-MS         Annual         <0.01	BH2         Mt8E         GC-MS         Annual         <0.01         <0.01         ug/l           BH2         2,2- dichloropropane         GC-MS         Annual         <0.01	BH2         DM HB2         GC MS         Annual         <0.01         40.01         ug/t           L2         Control (Control)         Control (Control)         Control (Control)         Up/t         Control (Control)         Up/t           BH2         Chororebase         GC MS         Annual         <0.01	BH2         IMBE         GC-MS         Annual         <0.01         <0.01         wg/n         39 ug/n           H2         2.3- BH2         GC-MS         Annual         <0.01	BH2         MBS         GCMS         Annual         <0.01         <0.01         ug/l         93.0 ug/l         no           2,2         C         Annual         <0.01

Groundwate	er/Soil monitori	ng template				Lic No:	W0022-01		Year	2015	
	Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit			
								SELECT			
								SELECT			

where add	litional detail is required p	lease enter it here in 200 wo	ords or less		
 	 Where add	Where additional detail is required p	Where additional detail is required please enter it here in 200 wc	Where additional detail is required please enter it here in 200 words or less	Where additional detail is required please enter it here in 200 words or less

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provision

			Commentary
1	ELRA initial agreement status		
1		Submitted and not agreed by EPA;	Closed February 2007
			,
2	ELRA review status	SELECT	
			Authority
3	Amount of Financial Provision cover required as determined by the latest ELRA	Specify	Responsibility as
4	Financial Provision for ELRA status	SELECT	
5	Financial Provision for ELRA - amount of cover	Specify	
6	Financial Provision for ELRA - type	SELECT	
7	Financial provision for ELRA expiry date	Enter expiry date	
8	Closure plan initial agreement status	SELECT	
9	Closure plan review status	SELECT	
10	Financial Provision for Closure status	SELECT	
11	Financial Provision for Closure - amount of cover	Specify	
12	Financial Provision for Closure - type	SELECT	
13	Financial provision for Closure expiry date	Enter expiry date	

2015

Year

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0022-01	Year	2015
	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	Yes		on use of manual, site location and vaste accepted and procedures,		
2	Does the EMS reference the most significant environmental aspects and associated impacts on-site	Yes				
3	Does the EMS maintain an Environmental Management Programme (EMP) as required in accordance with the licence requirements	Yes				
4	Do you maintain an environmental documentation/communication system to inform the public on environmental performance of the facility, as required by the licence	Yes				

Environmental Management Programme	e (EMP) report				
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
			Improvement of gas		
	Maintain low complaint		extraction system and		
Reduction of emissions to Air	numbers against the facility	100	operation	Site Staff & Management	Reduced emissions
	Improved gas intake to		Improvement of site practice		
	flare unit and more		to ensure increased gas		Increased compliance with
Gas extraction system	efficient burning of gas	75		Site Staff	licence conditions
			Improvement of Civic		
			Amenity Site layout and		
	Improve annual recycling		improved maintenance of		Installation of infrastructure
Materials Handling/Storage/Bunding	rate by 5%	80	existing infrastructure	Site Staff & Management	and improved housekeeping
Additional improvements	Improve Site security	05	Liasing with Security Company and An Gardaí Síochana to deter would-be intruders. Infrastructure positioned to deter would-be intruders	Site Staff & Management	Improved Environmental Management Practices & cleaner site
Additional improvements	To control environmental nuisances at the facility		Reduction of waste intake, improved litter capture and	Site Staff	Increased compliance with
	Review the closure	/3			
	modifications of the Waste				
	Licence following the		Testing regime inspected to		
	closure of landfill in Feb		make workload more		Increased compliance with
Additional improvements	2007	50		Site management	licence conditions

	N	oise monitor	ing summary	report			Lic No:	W0022-01	Year	2015	
		e requirement fo	or the AER period	1?				Yes	]		
2 Was noise mo	nitoring carried	out using the EP.	A Guidance note uded in the guida				<u>Noise</u> Guidance note NG4	Yes			
B Does your site	e have a noise re	duction plan	Ū				10121104	No	-		
		n plan last update evant to site noise	e emissions (e.g.	plant or oper	ational char	nges) since th	ne last noise	Enter date SELECT			
Table N1: Noi	se monitoring su	ummary	survey?						4		
Date of monitoring	Time period	Noise location (on site)	Noise sensitive location -NSL (if applicable)	LA <sub>eq</sub>	LA <sub>90</sub>	LA <sub>10</sub>	LA <sub>max</sub>	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)?
28/8/2015	30 Minutes	N1		46.2	37.5	50.4	61.3	No	SELECT	COUNTYR SIDE NOISE	Yes
		N1		51.6	45.7	54.7	74.5	No		BIRD SONGS AND WIND	Yes
		N1		52.1	45.1	55.1	74.7	No			Yes
		N3		40.3	33.8	42.5	60.2	No		Low noise attributed to nearby quarry	Yes

43.7

43.9

57.2

56.7

56.9

71.4

72.3

70.5

74.2

85

No

No

No

No

No

\*Please ensure that a tonal analysis has been carried out as per guidance note NG4. These records must be maintained onsite for future inspection

Ν3

N3

N4

N4

N4

If noise limits exceeded as a result of noise attributed to site activities, please choose the corrective action from the following options?

44.3

47.5

53.3

53.5

56

33.8

33.2

45.2

45.5

44.3

SELECT

Traffic entering the site

and people dumping

Quarry noises

itmes in recycling bins

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

Any additional comments? (less than 200 words)

Yes

Yes

Yes

Yes

Yes

Resource Usage/Energy efficiency summary	Lic No:	W0022-01	Year	2015

SEAI - Large

Industry Energy

Network (LIEN)

No

SELECT

Additional in	formation
---------------	-----------

2015

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

Is the site a member of any accredited programmes for reducing energy usage/water conservation such2as the SEAI programme linked to the right? If yes please list them in additional information

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

Table R1 Energy usag	e on site			
Energy Use	Previous year		compared to previous reporting	Energy Consumption +/- % vs overall site production*
Total Energy Used (MWHrs)	67.102	66.988	0%	
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (N	/WHrs)			
Electricity Consumption (MWHrs)	67.102	66.988	0%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0.9	0.9	0%	
Light Fuel Oil (m3)	96	98	2%	
Natural gas (m3)				
Coal/Solid fuel (metric tonnes)				
Peat (metric tonnes)				
Renewable Biomass				
Renewable energy generated on site				

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

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

Table R2 Water usage	Table R2 Water usage on site				Water Emissions	Water Consumption	
						Volume used i.e not	
			Production +/- %	Energy		discharged to	
			compared to	Consumption +/- %	Volume Discharged	environment e.g.	
	Water extracted	Water extracted	previous reporting	vs overall site	back to	released as steam	
Water use	Previous year m3/yr.	Current year m3/yr.	year**	production*	environment(m <sup>3</sup> yr):	m3/yr	Unaccounted for Water:
Groundwater							
Surface water							
Public supply	212	178	-16%	Non applicable	178	0	0
Recycled water							
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

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

Resource	Resource Usage/Energy efficiency summary				Lic No:	W0022-01		Year	2015
	Table R4: Energy Au	dit finding recommendat	ions						
	Date of audit		Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility		Status and comments
	Jun-15	Replacement of lighting	Replace units when fai	energy audit	10%	Jan-16	Site management	Ongoing	Energy Audit find
				SELECT					
				SELECT					

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				

Complaints and Incidents summary template	Lic No:	W0022-01	Year	2015	
Complaints					
Have you received any environmental complaints in the current reporting year? If yes please complete summary details of complaints received on site in table 1 below	Additional infor	mation			

Table	1 Complaints summary						
Date	Category	Other type (please specify)	Brief description of complaint (Free txt <20 words)	Corrective action< 20 words	Resolution status	Resolution date	Further information
bute	SELECT	other type (preuse specify)	10103/	Words	SELECT	nesolution date	
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
	SELECT				SELECT		
open at start of reporting year Total new complaints received during reporting year		_					
Total complaints closed during reporting year							
Balance of complaints end of reporting year							

	Incidents			
				Additional information
Have any incidents occurred on site in the current repor	ting year? Please list all incidents fo	or current reporting		
year in Tab	le 2 below		No	

*For information on how to report and what	
constitutes an incident	What is an incident

Table 2 Incidents sur	nmary													
						Other	Activity in				Preventative			T
			Incident category*please			cause(please	progress at			Corrective action<20	action <20		Resolution	Likelihood of
Date of occurrence	Incident nature	Location of occurrence	refer to guidance	Receptor	Cause of incident	specify)	time of incident	Communication	Occurrence	words	words	Resolution status	date	reoccurence
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
	SELECT	SELECT	SELECT	SELECT	SELECT		SELECT	SELECT	SELECT			SELECT		SELECT
Total number of														
incidents current														
year														
Total number of														
incidents previous														
year														
% reduction/		]												

increase Non applicable

WASTE SUMMARY	Lic No:	W0022-01	Year	2015
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY	ALL IPPC AND WASTE FACILITIES	PRTR facility logon	dropdown lis	t click to see options

	R	RELEASES TO AIR			Please enter all quantities in this	section in KGs		
	POLLUTANT		METHOD				QUANTITY	
			M	ethod Used		T (Total)	A (Accidental)	
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	KG/Year	KG/Year	F (Fugitive) KG/Year
				Measured through				
				analysis of flare flue				
				gas emissions				
1	Methane (CH4)	С	OTH	monitoring		0.0 392091.	0 0.0	392091.
				Measured through				
				analysis of flare flue gas emissions				
2	Orthogona and the (OO)	м	ISO 12039:2001	monitoring		0.0 8.5	4 0.0	8.5
2	Carbon monoxide (CO)	M	130 12039.2001	Measured through		J.U 8.5	4 0.0	8.5
				analysis of flare flue				
				gas emissions				
3	Carbon dioxide (CO2)	с	ISO 12039:2001	monitoring		0.0 1577615.	0.0	1577615.
5		Ŭ	100 12000.2001	Measured through		5.0 1577015.	0 0.0	10//010.
				analysis of flare flue				
				gas emissions				
7	Non-methane volatile organic compounds	M	EN 13649:2001	monitoring		0.0 11.8	4 0.0	11.8
	· · ·			Measured through				
				analysis of flare flue				
				gas emissions				
5	Nitrogen oxides (NOx/NO2)	M	EN 14792:2005	monitoring		0.0 360.4	2 0.0	360.4
				Measured through				
				analysis of flare flue				
				gas emissions				
1	Sulphur oxides (SOx/SO2)	М	EN 14791:2005	monitoring		0.0 66.8		
						0.0 0.	0 0.0	0.0

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

### SECTION B : REMAINING PRTR POLLUTANTS

	R	ELEASES TO AIR			Please enter all quantities in this	section in KGs				
	POLLUTANT		METHOD		QUANTITY					
			Ν	Aethod Used						
						T (Total)	A (Accidental)			
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	KG/Year	KG/Year	F (Fugitive) KG/Year		
						10	0.0	0.0 0		

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

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

	RELEASES TO AIR Pleas						Please enter all quantities in this section in KGs					
	POLLUTANT METHOD			QUANTITY								
				Me	ethod Used							
							T (Total)	A (Accidental)				
F	Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	KG/Year	KG/Year	F (Fugitive)	KG/Year		
						0.	0	0.0	0.0	0.0		

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

Landfill:	ovide summary data on landfill gas (Methane) East Cork Landfill Site					
Please enter summary data on the quantities of methane flared and / or utilised			Meth	od Used		
		MOT	Notice 1 Octo	Designation or	Facility Total Consolity m2 not hour	
Total estimated methane generation	T (Total) kg/Year	M/C/E	Method Code	Description	Facility Total Capacity m3 per hour	
(as per site model)	896496.0	С	OTH	Gas Sim model	N/A	
				Measured through analysis of flare flue gas emissions		
Methane flared		M	ОТН	monitoring		(Total Flaring Capacity
thane utilised in engine/s	0.0			Gas Sim model and	0.0	(Total Utilising Capacit
				measured through		
Net methane emission				analysis of flare flue		
(as reported in Section				gas emissions		
A above)	392091.0	С	OTH	monitoring	N/A	

WASTE SUMMARY	(				Lic No:	W0022-01		Year	2015	5		
. ONSITE TREATMEN	IT & OFFSITE TRANSFERS OF WASTE				me : East Cork Landfill Site   Filename : AER sur	nmary East Cork 2015.x	dsm   Return Year : 2015					24/03/201
			Please enter all quantiti Quantity (Tonnes per Year)	es on this sheet in Ton	nes	м	lethod Used		Haz Wasta : Name and Licence/Permit No of Next Destination Facility <u>Non Haz Wastie</u> : Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility <u>Non.</u> Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address Destination i. Recovery / Di Site (HAZAR WASTE O
Transfer Destination	European Waste Code	Hazardous		Description of Waste	Waste Treatment Operation	M/C/E	Method Used	Location of Treatment				
	13 02 08	Yes	4.03	other engine, gear and lubricating oils	R9	M	Weighed	Offsite in Ireland	Enva Ltd,W184-01	Clonminam Industrial Estate,.",Portlaoi se,Co Laois,Ireland	Enva Ltd, W184-0	Clonminam Industrial Estate,".",Pc 1 e,Co Laois,Ir
Vithin the Country	15 01 01	No	59.92	paper and cardboard packaging	R3	м	Weighed	Offsite in Ireland	greenstar Ltd,W136-02	Corbally North,Srasfields Court,Glanmire, Co Cork,Ireland		
Vithin the Country	15 01 02	No	18.32	plastic packaging	R5	м	Weighed	Offsite in Ireland	Green Dragon Recycling Ltd,CK/09/0629/01	Corbally North,Sarsfields Court,Glanmire, Co Cork,Ireland		
Vithin the Country	15 01 04	No	4.03	metallic packaging	R4	м	Weighed	Offsite in Ireland	Green Dragon Recycling Ltd,CK/09/0629/01	Corbally North,Sarsfields Court,Glanmire, Co Cork,Ireland Luddenmore,Gra		
Nithin the Country	15 01 07	No	21.17	glass packaging	R5	м	Weighed	Offsite in Ireland	Mr Binman,W0061-01	nge,Kilmallock,C o Limerick,Ireland		
Within the Country	16 06 01	Yes	2.77	lead batteries	R6	м	Weighed	Offsite in Ireland	KMK Metals Ltd,W0133-03	Cappincur Industrail Estate,Daingean Rd,Tullamore,Co Offaly,Ireland		Cappincur Industrail Estate,Dain Rd,Tullamo Offaly,Irela
Nithin the Country	16 06 04	No	0.0	alkaline batteries (except 16 06 03) mixture of concrete, bricks, tiles and	R13	м	Weighed	Offsite in Ireland	KMK Metals Ltd, W0133-03	Industrail Estate,Daingean Rd,Tullamore,Co Offaly,Ireland		
Within the Country	17 01 07	No	416.19	ceramics other than those mentioned in 17	R5	м	Weighed	Offsite in Ireland	Ballineen Skip Hire,WCP-CK-09- 0608-04	Connagh,Balline en ,Co Cork,.,Ireland Wastewater Treatment Plant,Tullagreen,		
Nithin the Country	19 07 03	No	3906.2	landfill leachate other than those mentioned in 19 07 02	D8	м	Weighed	Offsite in Ireland	Carrigtwohill Wastewater Treatment Plant,D0044-01	Carrigtwohill Wastewater Treatment Plant,Co Cork,Ireland		
Nithin the Country	20 01 01	Νο	55.7	paper and cardboard	R3	м	Weighed	Offsite in Ireland	greenstar Ltd,W136-02	Corbally North,Srasfields Court,Glanmire, Co Cork,Ireland		

WASTE SUMMAR	Y			Lic No:	W0022-01		Year	201		
									41-42 Cookstown Industrial Estate,Tallaght,D ublin,D24,Irelan	
Within the Country	20 01 02	No	0.0 glass	R5	М	Weighed	Offsite in Ireland	MSM Recycling Ltd,W0079-01	d Glen Abbey	
Vithin the Country	20 01 11	No	3.05 textiles	R5	м	Weighed	Offsite in Ireland	Textile Recycling Ltd,WCP-DC- 08-1225-01	Business Park, Tallaght, Du blin, D24, Ireland	
									Cappincur	Cappincu
			discarded equipment						Industrail Estate,Daingean	Industrail Estate,Da
Within the Country	20 01 23	Yes	containing 152.36 chlorofluorocarbons paint, inks, adhesives	R4	м	Weighed	Offsite in Ireland	KMK Metals Ltd, W0133-03	Rd,Tullamore,Co KMK Metals Offaly,Ireland Ltd,W0133-03 Clonminam Industrial	Rd,Tullan Offaly,Ire
			and resins other than those mentioned in 20						Estate,".",Portla oise,Co	
Within the Country	20 01 28	No	13.96 01 27	R1	м	Weighed	Offsite in Ireland	Enva Ltd,W184-01	Laois, Ireland	
			discarded electrical and electronic equipment other than those mentioned in 20 01 21 and and 20 01 23						Cappincur Industrail Estate,Daingean	Cappincu Industrai Estate,Da
Within the Country	20 01 35	Yes	containing hazardous 0.31 components	R4	м	Weighed	Offsite in Ireland	KMK Metals Ltd,W0133-03	Rd,Tullamore,Co KMK Metals Offaly,Ireland Ltd,W0133-03	Rd,Tullar Offaly,Ir
			discarded electrical and electronic equipment other than those						Cappincur Industrail Estate,Daingean	
Within the Country	20 01 36	No	mentioned in 20 01 21, 0.0 20 01 23 and 20 01 35	R4	м	Weighed	Offsite in Ireland	KMK Metals Ltd,W0133-03	Rd,Tullamore,Co Offaly,Ireland	
			discarded electrical and electronic equipment other than those mentioned in 20 01 21,						Cappincur Industrail Estate,Daingean Rd,Tullamore,Co	
Within the Country	20 01 36	No	0.0 20 01 23 and 20 01 35	R4	М	Weighed	Offsite in Ireland	KMK Metals Ltd, W0133-03	Offaly,Ireland Tait's	
Within the Country	20 01 38	No	wood other than that 320.57 mentioned in 20 01 37	R13	м	Weighed	Offsite in Ireland	CTO Environmental Solutions Ltd,CK/09/0018/02	Farm,Rostellan, Midleton,Co Cork,Ireland Pouladuff	
Within the Country	20 01 40	No	161.38 metals	R4	М	Weighed	Offsite in Ireland	Pouladuff Dismantlers Ltd,CK/0584/01	Rd,Togher,Cork, Cork,Ireland	
									Corbally	
Within the Country	20 02 01	No	311.69 biodegradable waste	R3	м	Weighed	Offsite in Ireland	greenstar Ltd,W136-02	North,Srasfields Court,Glanmire, Co Cork,Ireland Chuchfield	
Within the Country	20 03 01	No	315.78 mixed municipal waste	D1	м	Weighed	Offsite in Ireland	Country Clean Recycling Ltd,W0257	Industrial Estate, John F Connolly Road, Cork, Co Cork, Ireland	
									Carbolly	
		Νο					Offsite in Ireland	greenstar Ltd,W136-02	Corbally North,Srasfields Court,Glanmire, Co Cork,Ireland	

	WASTE SUMMARY	Lic No:	W0022-01	Year	2015
_					
	SECTION B- WASTE ACCEPTED ONTO SITE-TO BE COMPLETED BY ALL IPPC AND WASTE FACILITIES				
			A	dditional Information	

Were any wastes accepted onto your site for recovery or disposal or treatment prior to recovery or disposal within the boundaries of your facility ?; (waste generated within your boundaries i 1 to be captured through PRTR reporting)

#### If yes please enter details in table 1 below

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

is	SELECT	
	SELECT	
	SELECT	

SELECT

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

# Table 1 Details of waste accepted onto your site for recovery, disposal or treatment (do not include wastes generated at your site, as these will have been reported in your PRTR workbook)

Licenced annual	EWC code	Source of waste accepted	Description of waste	Quantity of waste	Quantity of waste accepted in	Reduction/	Reason for	Packaging Content (%)-	Disposal/Recovery or	Quantity of	Comments -
tonnage limit for your			accepted	accepted in current	previous reporting year (tonnes)	Increase over	reduction/ increase	only applies if the	treatment operation carried out	waste	
site (total			Please enter an	reporting year (tonnes)		previous year +/ -	from previous	waste has a packaging	at your site and the description	remaining on	
tonnes/annum)			accurate and detailed			%	reporting year	component	of this operation	site at the end	
			description - which							of reporting	
			applies to relevant EWC							year (tonnes)	
			code								
	European Waste Catalogue EWC codes		European Waste								
			Catalogue EWC codes								

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

4 Is all waste processing infrastructure as required by your licence and approved by the Agency in place? If no please list waste processing infrastructure required onsite

5 Is all waste storage infrastructure as required by your licence and approved by the Agency in place? If no please list waste storage infrastructure required on site

6 Does your facility have relevant nuisance controls in place?

- 7 Do you have an odour management system in place for your facility? If no why?
- 8 Do you maintain a sludge register on site?

# SECTION D-TO BE COMPLETED BY LANDFILL SITES ONLY

Table 2 Waste typ	e and tonnage-landfill only			
Waste types permitted for disposal	Authorised/licenced annual intake for disposal (tpa)	Actual intake for disposal in reporting year (tpa)	Remaining licensed capacity at end of reporting year (m3)	Comments
68,200	0		Site Closed Feb 2007	
21,400	0	0		
13,800	0			
7,800	0			

### Table 3 General information-Landfill only

Area ID	Date landfilling commenced	Date landfilling ceased	Currently landfilling	Private or Public Operated	Inert or non-hazardous	Predicted date to cease landfilling	Licence permits asbestos	Is there a separate cell for asbestos?		Lined disposal area occupied by waste	Unlined area
									SELECT UNIT	SELECT UNIT	SELECT UNIT
Site Closed Feb 2007											

SELECT			
SELECT			
SELECT			
SELECT			

VASTE SUMMARY					Lic No:	W0022-01		Year
able 4 Environme	ntal monitoring-landfill only	Landfill Manual-Monitoring Stan	dards					
	Was leachate monitored in compliance	Was Landfill Gas monitored in compliance with LD standard in			Were emission limit values agreed with	of the site	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments
		1 000						All license conditions being met under
Yes	Yes	Yes	Yes	Yes	Yes	Yes		current monitoring regime

 Yes
 Yes

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

## Table 5 Capping-Landfill only

· · · ·	Area with temporary cap SELECT UNIT	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
0	0	65760m2	0		1mm HDPE welded liner, geotextile drainage layer and protection barrier covered with 1m of suitable, screened soil.	

\*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?

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

Volume of leachate in reporting year(m3)			Leachate (NH4) mass load (kg/annum)	Leachate (Chloride) mass load kg/annum		Specify type of leachate treatment	Comments
						Wastewater	
						Treatment Plant	
						with Mixing tank,	
						Oxidation ditch	
						& Settlement	
3906.2	595.2	2572.2	1116.2	4340.8	No	tanks	

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
				Gas captured figure is
				Annual Methane burn-
				off in kg/annum. Areas
				of elevated VOC's are
				identified by the
				surveys and are
				attended to by site
741772 kg CH4/annum	0	0	Yes	staff.

