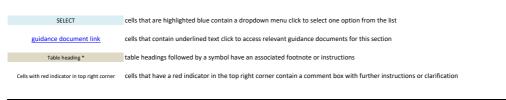
Facility Information Summary	
AER Reporting Year	2016
Licence Register Number	W0081-04
Name of site	Kilcullen Landfill Ltd
Site Location	Brownstown, Kilcullen, Co Kildare.
NACE Code	
Class/Classes of Activity	1,5,11,13 & 3,4,9
National Grid Reference (6E, 6 N)	284865E, 211310N
A description of the activities/processes at	
the site for the reporting year. This should	KLL operates the Kilcullen Landfill under Waste Licence Register Number W0081-04. KTK Landfill was granted a Waste
include information such as production	Licence (W0081-01) by the Environmental Protection Agency (EPA) in April 1999. In July 2001, KTK Landfill submitted
increases or decreases on site, any	an application for a Review of Waste Licence W0081-01. An amended Licence, No. W0081-02 was granted by the
infrastructural changes, environmental	Agency on 8 April 2002. In November 2004 an application for revision of Waste Licence W0081-02 was submitted. An
performance which was measured during	amended Licence, No. W0081-03 was granted on 16 February 2006. This licence was replaced on the 25th of July
the reporting year and an overview of	2011 by waste Licence W0081-04. In March 2014 the Waste Licence was transferred from KTK Landfill Ltd to Kilcullen
compliance with your licence listing all	Landfill Ltd.
exceedances of licence limits (where	
applicable) and what they relate to e.g. air.	Acceptance of waste material ceased in December 2011 and the site entered its closure, restoration and aftercare
water, noise.	phase. During 2012, the final capping works were brought to practical completion. In 2015 final capping and
	topsoil/reseeding works were completed at the landfill. The facility is now managed in an aftercare capacity. The
	facility is a full containment landfill, which is designed to accept treated waste for final disposal. The landfill is now
	closed and fully capped. No waste for disposal was accepted on site in 2016.
-	

ч

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. 2102 Date Prov 261 (or nominated, suitably qualified and Group/Facility manager experienced deputy) B'ny Ret Signature Swo



Please note an interpretation of results is still required. This should be entered in the additional information/comments boxes within the templates. Please size these boxes appropriately to fit your interpretation, if additional space is required please include an appendix to the AER template and merge it as part of the AER PDF document. The excel template should have all cells sized appropriately so that all text is readable before it is converted to PDF document.

Facility Information Sum	ımary
AER Reporting Year	2016
Licence Register Number	W0081-04
Name of site	Kilcullen Landfill Ltd
Site Location	Brownstown, Kilcullen, Co Kildare.
NACE Code	
Class/Classes of Activity	1,5,11,13 & 3,4,9
National Grid Reference (6E, 6 N)	284865E, 211310N
A description of the activities/processes at the site for the reporting year. This should include information such as production increases or decreases on site, any infrastructural changes, environmental performance which was measured during the reporting year and an overview of compliance with your licence listing all exceedances of licence limits (where applicable) and what they relate to e.g. air, water, noise.	 KLL operates the Kilcullen Landfill under Waste Licence Register Number W0081-04. KTK Landfill was granted a Waste Licence (W0081-01) by the Environmental Protection Agency (EPA) in April 1999. In July 2001, KTK Landfill submitted an application for a Review of Waste Licence W0081-01. An amended Licence, No. W0081-02 was granted by the Agency on 8 April 2002. In November 2004 an application for revision of Waste Licence W0081-02 was submitted. An amended Licence, No. W0081-03 was granted on 16 February 2006. This licence was replaced on the 25th of July 2011 by waste Licence W0081-04. In March 2014 the Waste Licence was transferred from KTK Landfill Ltd to Kilcullen Landfill Ltd. Acceptance of waste material ceased in December 2011 and the site entered its closure, restoration and aftercare phase. During 2012, the final capping works were brought to practical completion. In 2015 final capping and topsoil/reseeding works were completed at the landfill. The facility is now managed in an aftercare capacity. The facility is a full containment landfill, which is designed to accept treated waste for final disposal. The landfill is now closed and fully capped. No waste for disposal was accepted on site in 2016.

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.

Signature Group/Facility manager	Date	20/04/2017
(or nominated, suitably qualified and experienced deputy)		

AIR-summary template	Lic No:	W0081-04	Year	2016
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		reporting period and the results sub- forwarded to the Agency not later th Potential Landfill Gas is monitored at	ed at 14 monitoring well locations on a monthly basis during the nitted to the Agency. Category 3 non-urgent incident reports were an 24 hours after a landfill gas emission level value was breeched. the facility offices and buildings by an onsite continuous monitoring el in any of the facility buildings exceeded the above limits during 2016	

Periodic/Non-Continuous Monitoring		
Are there any results in breach of licence requirements? If yes please provide brief details in the comment section of TableA1 below	Yes	
Basic air Was all monitoring carried out in accordance with EPA guidance note monitoring monitoring AG2 and using the basic air monitoring checklist? checklist	Yes	

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

Emission reference no:		Frequency of	ELV in licence or any revision therof	Licence Compliance criteria			Compliant with licence limit		Annual mass load	Comments - reason for change in % mass load from previous year if applicable
Flare 1	Nitrogen Oxides (Nox/NO2)	annual	150	SELECT	81.68	mg/m3	yes	Chemiluminesence	18.57	
Flare 1	Sulphur oxides (Sox/SO2)	annual	-	SELECT	981.25	mg/m3	yes	NDIR Adsorption	223.07	
GE01	Nitrogen oxides (NOx)	annual	500	SELECT	440	mg/m3	yes	Chemiluminescence	2173.63	
GE01	Carbon Monoxide (CO)	annual	1,400	SELECT	1284	mg/m3	yes	NCIR By Horiba PG-250	6343.05	
GE01	TA Luft organic substances class 1	annual	75	SELECT	<0.11	mg/m3	yes	Thermal Desorption	0.00	
GE01	Sulphur dioxide (SO $_{\rm x}$)	annual	-	SELECT	1113	mg/m3	yes	NDIR Absorption	5498.30	

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

AIR-summary template	Lic No:	W0081-04	Year	2016
Continuous Monitoring				
4 Does your site carry out continuous air emissions monitoring? If yes please review your continuous monitoring data and report the required fields below in Table A2 and compare it to	Yes			
its relevant Emission Limit Value (ELV)				
5 Did continuous monitoring equipment experience downtime? If yes please record downtime in table A2 below	No			
6 Do you have a proactive service agreement for each piece of continuous monitoring equipment?	Yes			
7 Did your site experience any abatement system bypasses? If yes please detail them in table A3 below Table 31 Summary of average americans, continuous manifesting	No			
Table A2: Summary of average emissions -continuous monitoring				

Emission	Parameter/ Substance		Averaging Period	Compliance Criteria	Units of	Annual Emission	Annual maximum	Monitoring Equipment downtime (hours)	Number of ELV	Comments
reference no:					measurement				exceedences in	
		ELV in licence or							current reporting	
		any revision therof							year	
		500	Annual	All 30-minutes averages < 2 x						
Flare 1	Carbon monoxide (CO)			ELV	mg/m3					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
	SELECT				SELECT					
make 4. Malumatria	flow shall be included as a repo	stable as a second at a s								

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

Table A3: Abatement system bypass reporting table Bypass protocol

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

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

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

All	R-summary t	template				Lic No:	W0081-04		Year	2016	
	Solve	nt use and management	on site								
Do	you have a total	l Emission Limit Value of direct a	nd fugitive emissions	on site? if yes pleas	e fill out tables A4 and A5			SELECT			
Table A4: Solvent Management Plan Summary Total Solvent regulations Please refer to linked solven complete table 5. VOC Emission limit value Total Solvent regulations Please refer to linked solven complete table 5.											
R	eporting year	Total solvent input on site (kg)	emissions to Air		Total Emission Limit Value (ELV) in licence or any revision therof	Compliance					
						SELECT SELECT					
	Table A	5: Solvent Mass Balance	summary	Į	<u></u>	SELECT	4				
		(I) Inputs (kg)					(O) Outputs (kg)				
	Solvent	(I) Inputs (kg)		Solvents lost in water (kg)	Collected waste solvent (kg)	Fugitive Organic Solvent (kg)	Solvent released in other ways e.g.		Total emission of Solvent to air (kg)		
										_	
-										-	
L					<u> </u>	I	I	Total		-	

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Lic No:	W0081-04	Year	2016	
		Additional information			
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	RO-2) on-site wi Water sewer. discharge limit within the wast RO-2 was non-op	operates two reverse osmosis treatme hich treat landfill leachate before disch The treated leachate is referred to as is 150m3/day. Concentrate from the u e mass, as per the agreement with the perational for the second round of mon er 2016. 6,871 m3 discharged to the se	arging it to the Irish permeate and the hits is re-circulated Agency. The Plant toring completed in		
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</u> evidence of contamination noted during visual inspections	monitoring locat a bi-annual t internationally were comple	vater monitoring was conducted bi-ann ions specified in the Licence and report pasis. The sampling was carried out in - accepted techniques and control proce ted by a laboratory using standard and cedures. The 2016 results are generall previous years of monitoring.	ed to the Agency on accordance with dures, the analyses internationally		
Table W1 Storm water monitoring					

base base <t< th=""><th></th><th></th><th>-</th><th></th><th></th><th>ELV or trigger</th><th></th><th></th><th></th><th></th><th></th></t<>			-			ELV or trigger					
openal openal<			PRTR Parameter	Licenced Parameter	Monitoring date	level in licence or		Measured value		Compliant with licence	Comments
Model Mile Mar Mar<	reference						criteria		measurement		
Bysic Sister Genes Sister Sister Number of the state	SW/4	onsite	SELECT	Boron	2016 Round 1		N/A	39	ug/l	Ves	
Seve origit Statil Other Dills MA Dills mage						,					
Syst order Stat/ Order Stat/ Order Stat/ Order Stat/ Stat/ <ths< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></ths<>											
Synt onic Sult ino Note All Obs opt opt<						30					
Syst owin Sulf. Late Jiel Band											
Syst Gents Statl(T) Magesiam 303 Rood 1 N/A 4.8 mpl statl oppl statl period period Statl 6008 Statl(T) Maxam 303 Rood 1 1 N/A -1 statl period period Statl 6008 Statl(T) Maxam 303 Rood 1 -1 N/A 1.5 mpl period period Statl 6018 Statl(T) Statl Statl Statl period statl(T) Statl Statl period <											
Book Static Mangenese Disk South Disk Static Mangenese Disk Static Mangenese Mangenes Mangenes											
Synt Openie Statt Meerary Jois Bands I. N/A I. upple period period Statt St						300					
Dys. Dys. <thdys.< th=""> Dys. Dys. <thd< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thd<></thdys.<>											
Syst ensite SILCT Detaum 2016 South 1.: N/A 1.3: mg/b yes 1044 ensite SILCT Dam 2016 South 100 N/A 1.27 mg/b yes 1044 ensite SILCT Date Control 2016 South 100 N/A -3 0.00 yes yes 1044 ensite SILCT Date Control 2016 South 200 N/A -11 mg/b yes - 2044 ensite SILCT Microsonno 2016 South 200 N/A 114 mg/b yes - - N/A 114 mg/b yes - - N/A 100 mg/b yes - - N/A 100 mg/b yes - - N/A 100 mg/b yes - - N/A - - N/A - - - - - - - -		onsite									
Synt Genite SLCT Johan 2014 work SLCT Johan 2014 work SLCT Johan 2014 work SLCT Johan 2014 work SLCT Johan Johan SLCT Johan J								1.5			
SNM Omite SLCT Date Hendpown Disk burgit N/A G op/1 pm pm pm 0.W1 Onite SLCT None Hendpown 2016 barrit 20 N/A G op/1 pm											
Synt Onite St.ICT Desched Program 2016 About 1 NA						100					
Solution Static Total choremum 2016 Month 30 N/A Cl-3 gg/l yes percent 5044 Onite Static Monte (MS) 2016 Month 50 N/A 1.4 mg/l yes yes 5044 Onite Static Monte (MS) 2016 Month 50 N/A 1.5 N/A 1.6 2.0 yes yes<											
SNM Omide SLECT Official Marke (N3) SDE Routh 1 SDE N/A SDE M/A						30					
SW4 Ownlet SLECT Ninter (NO2) 3016 and 1 0 N/A 0.3 mg/l yes SW4 Ontle SLECT Minter (NO2) 3016 and 1 0 N/A 0.05 mg/l yes SW4 Ontle SLECT Antoneolith longer 3016 and 1 0.05 N/A 0.05 mg/l yes SW4 Ontle SLECT Noncol 100 3018 found 1 1.3 N/A 2.0 mg/l no (fto glass etter data) in commits to 1 SW4 Ontle SLECT BOO 3318 found 1 1.00 N/A 7.75 pt usts yes SW4 Ontle SLECT Itertal Schedial Schedial 1.000 N/A 7.75 pt usts yes N/A mg/l yes N/A mg/l yes											
SNM Gentle SLECT Marter (ko)2) 2015 Sound 1 N/A -0.02 mg/l ms/m ms											
NM om/site SELECT Antoneousla Nergeneric 2016 Bound 1 N/A -0.06 mg/l period period SW4 onite SELECT Total Akaininy 2016 Bound 1 N/A 288 mg/l out off no global end is in comments bod Exceeds COS SW4 onite SELECT Total Akaininy 2016 Bound 1 1.5 N/A 288 mg/l out off no global end is in comments bod Exceeds COS SW4 onite SELECT Retrical Coductivity 2016 Bound 1 N/A 201 mg/l mg/l <td></td>											
SNM Ontitie SELECT Ammonical Nationgan 2016 Sound 1 0.04 M/A 0.248 mg/l	SW4							<0.06			
SN4 ownike SLICT Total Abalany, BO 216 Round - N/A 288 mg/l mg/l mg/m mg/m <thmg m<="" th=""> <thmg m<="" th=""> <thmg m<="" th=""></thmg></thmg></thmg>	SW4	onsite	SELECT			0.065	N/A				
SNA owsite SLICT BOD 20.16 kound. 1.3. N/A 2.2 mg/L ne(fin please enter details in comments bod) Exceeds 0.3 SNA owsite SLICT COD 20.16 kound. 1.0.00 N/A 62.4 mg/L						-					
SW4 ownsite SELECT Excital Conductivity 218 Bound 1 N/A D23 mg/h yes SW4 onsite SELECT Bertral Conductivity 2018 Bound 1 4.00 Å/A 7.75 pH units yes SW4 onsite SELECT PH 2018 Bound 1 N/A 2.0 mg/h yes SW4 onsite SELECT Total Space 2.015 Bound 1 N/A 2.0 mg/h yes N/A 2.0 mg/h yes N/A mg/h yes N/A mg/h yes N/A M/A Mg/h Mg/h Mg/h	SW4	onsite	SELECT	BOD	2016 Round 1	1.5	N/A	2		no (if no please enter details in comments box)	Exceeds EQS
SNA Omate SHECT PH 2018 Reurit 1 < 6.0.8 × 0.0 N/A -7.75 PFunits yes SW4 Omate SHECT Total Supended Solids 2018 Round 1 - N/A -2 mg/L wg/L wg/S - SW4 Omate SHECT Total Supended Solids 2018 Round 1 - N/A - mg/L wg/S - - N/A - mg/L wg/L wg/S - - N/A - - M/L wg/L	SW4			COD		-					
SNA Omate SHECT PH 2018 Reurit 1 < 6.0.8 × 0.0 N/A -7.75 PFunits yes SW4 Omate SHECT Total Supended Solids 2018 Round 1 - N/A -2 mg/L wg/L wg/S - SW4 Omate SHECT Total Supended Solids 2018 Round 1 - N/A - mg/L wg/S - - N/A - mg/L wg/L wg/S - - N/A - - M/L wg/L	SW4	onsite	SELECT	Electrical Conductivity	2016 Round 1	1.000	N/A	604			
SN4 Onsite SLECT Total Supended Solids 2016 Roand 1 . N/A 12 mg/l mg/m								7.75		yes	
SN4 Onsite SLECT Total Supended Solids 2016 Roand 1 . N/A 12 mg/l mg/m	SW4	onsite	SELECT	TOC	2016 Round 1		N/A	<2	mg/l	ves	
SN4 onsite SELECT Supplate 2016 Round 1 · N/A · mg/l yes period SW4 onsite SELECT Disobed Oxygen 2016 Round 1 · N/A · mg/l yes . SW4 onsite SELECT SVOCS except 2016 Round 1 · N/A · µg/l yes . SW4 onsite SELECT MACCS except 2016 Round 1 · N/A · µg/l yes . SW4 onsite SELECT Total Colforms 2016 Round 1 · N/A · µg/l yes . SW4 onsite SELECT Total Colforms 2016 Round 2 . N/A · Calupility yes . . SW4 onsite SELECT Calupin 2016 Round 2 . N/A <	SW4			Total Suspended Solids		-					
SW4 onsite SELCT SVOCs except 2016 Rourd 1. · N/A · ug/1 ves. SW4 onsite SELCT Phenol 2016 Rourd 1. · N/A · ug/1 ves. . SW4 onsite SELCT Phenol 2016 Rourd 1. · N/A · ug/1 ves. . SW4 onsite SELCT Total Colforms 2016 Rourd 1. · N/A · (bi/100m) ves. . SW4 onsite SELCT E-Coli 2016 Rourd 2. 2,000 N/A · (bi/100m) ves. . SW4 onsite SELCT Colit Rourd 2. N/A · N/A 1.00 ves. N/A 	SW4	onsite	SELECT	Sulphate	2016 Round 1	-	N/A	-			
SW4 Onsite SELCT SVOCs except 2016 Round 1 - N/A - µg/l yes SW4 Onsite SELCT Phenol 2016 Round 1 8 N/A - µg/l yes SW4 Onsite SELCT Phenol 2016 Round 1 - N/A - µg/l yes SW4 Onsite SELCT Total Colfforms 2016 Round 1 - N/A - cfu/100ml yes SW4 Onsite SELCT Beron 2016 Round 2 2,000 N/A - cfu/100ml yes SW4 Onsite SELCT Cadium 2016 Round 2 5 N/A - Gu/l yes N/A <td>SW4</td> <td>onsite</td> <td>SELECT</td> <td>Dissolved Oxygen</td> <td>2016 Round 1</td> <td>-</td> <td>N/A</td> <td>-</td> <td>mg/l</td> <td>yes</td> <td></td>	SW4	onsite	SELECT	Dissolved Oxygen	2016 Round 1	-	N/A	-	mg/l	yes	
SW4 onsite SELECT Phenol 2016 Round 1 8 N/A · · · jµ/l yes SW4 onsite SELECT Total Collforms 2016 Round 1 · N/A · thp/l yes SW4 onsite SELECT Total Collforms 2016 Round 1 · N/A · thp/l/LOPI yes SW4 onsite SELECT Boron 2016 Round 2 2000 N/A - thp/l/LOPI yes SW4 onsite SELECT Garoin 2016 Round 2 S N/A 40.5 ug/l yes SW4 onsite SELECT Calcium 2016 Round 2 30 N/A 7 ug/l yes SW4 onsite SELECT Lead 2016 Round 2 100 N/A 87 ug/l yes SW4 onsite SELECT Magresium 2016 Round 2 <td< td=""><td>SW4</td><td>onsite</td><td>SELECT</td><td></td><td>2016 Round 1</td><td>-</td><td>N/A</td><td>-</td><td></td><td></td><td></td></td<>	SW4	onsite	SELECT		2016 Round 1	-	N/A	-			
SM4 onsite SELECT Phenol 2016 Round 1 8 N/A · µµ/l yes SW4 onsite SELECT Total Colforms 2016 Round 1 · N/A · µµ/l yes . SW4 onsite SELECT Total Colforms 2016 Round 1 · N/A · ch//Monl yes . SW4 onsite SELECT Boron 2016 Round 2 200 N/A . ch//LOronl . yes . SW4 onsite SELECT Calcium 2016 Round 2 . N/A .	SW4	onsite	SELECT	4-Methylphenol		-	N/A	-			
SW4 onsite SELECT Total Colforms 2016 Bound 1 · N/A · Ch/J.Dom yes SW4 onsite SELECT Beron 2016 Bound 2 N/A · Ch/J.Dom yes SW4 onsite SELECT Beron 2016 Bound 2 S N/A CD yes SW4 onsite SELECT Cadmum 2016 Bound 2 S N/A CD yes SW4 onsite SELECT Cadmum 2016 Bound 2 S N/A CD yes SW4 onsite SELECT Cadmun 2016 Bound 2 100 N/A S7 ug/1 yes S9 yes S9 N/A 104 N/A 10 N/A S9 N/A S9 N/A S9 N/A S9	SW4	onsite	SELECT	Phenol	2016 Round 1	8	N/A	-		yes	
SW4 onsite SELECT E-Coli 2016 Bound 1 - N/A - Ch/D mail	SW4	onsite	SELECT	VOC's	2016 Round 1	-	N/A	-	μg/I	yes	
SW4 onsite SEECT Boron 2018 Round 2 2,000 NA 25 ug/l yes SW4 onsite SEECT Cadmum 2018 Round 2 5 NA <0.5	SW4	onsite	SELECT	Total Coliforms	2016 Round 1	-	N/A	-	cfu/100ml	yes	
SW4 onsite SELECT Cadmim 2016 Round 2 5 N/A -0.5 ug/l yes - SW4 onsite SELECT Calcium 2016 Round 2 30 N/A -7 ug/l yes - SW4 onsite SELECT Copper 2016 Round 2 30 N/A -7 ug/l yes - SW4 onsite SELECT Lead 2016 Round 2 10 N/A -5 ug/l yes - SW4 onsite SELECT Lead 2016 Round 2 10 N/A -5 ug/l yes - - N/A 10.4 mg/l yes - - N/A 10.4 mg/l yes - - N/A 10.4 mg/l yes - - N/A 10.4 - - N/A 10.4 - - N/A - - N/A - - N/A - -	SW4	onsite	SELECT	E-Coli	2016 Round 1	-	N/A	-	cfu/100ml	yes	
SW4 onsite SEECT Calcum 2016 Round 2 · NA 130.5 mg/l yes ::::::::::::::::::::::::::::::::::::	SW4	onsite	SELECT	Boron	2016 Round 2	2,000	N/A	25	ug/l	yes	
SW4 onsite SELECT Copper 2016 Round 2 30 N/A -7 ug/l yes SW4 onsite SELECT Iron 2016 Round 2 1,000 N/A 87 ug/l yes SW4 onsite SELECT Lead 2016 Round 2 10 N/A 55 ug/l yes SW4 onsite SELECT Marganese 2016 Round 2 300 N/A 1352 ug/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT Marganese 2016 Round 2 300 N/A 1352 ug/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT Marcket 2016 Round 2 - N/A 142 ug/l yes SW4 onsite SELECT Dodum 2 - N/A 162 mg/l yes SW4 onsite SELECT	SW4	onsite	SELECT	Cadmium	2016 Round 2	5	N/A	<0.5	ug/l	yes	
SW4 onsite SELECT Iron 2016 Round 2 1,000 N/A 87 ug/l yes SW4 onsite SELECT Magnesium 2016 Round 2 10 N/A -5 ug/l yes - SW4 onsite SELECT Magnesium 2016 Round 2 - N/A 10.4 mg/l yes - SW4 onsite SELECT Magnesium 2016 Round 2 1 N/A 10.4 ug/l yes - Exceeds EQS SW4 onsite SELECT Mercury 2016 Round 2 1 N/A - ug/l yes - Exceeds EQS SW4 onsite SELECT Mercury 2016 Round 2 - N/A - ug/l yes - - N/A 16.2 mg/l yes - - N/A - 1.0 N/A - 1.0 N/A - 1.0 N/A - 1.0 <	SW4	onsite	SELECT	Calcium	2016 Round 2	-	N/A	130.5	mg/l	yes	
SW4 onsite SEECT Lead 2016 Round 2 10 N/A <5 ug/l yes SW4 onsite SEECT Margensum 2016 Round 2 - N/A 10.4 mg/l yes SW4 onsite SEECT Margensue 2016 Round 2 300 N/A 11352 ug/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SEECT Mercury 2016 Round 2 1 N/A -1 ug/l yes SW4 onsite SEECT Mercury 2016 Round 2 50 N/A -4 ug/l yes SW4 onsite SEECT Potassim 2016 Round 2 - N/A 16.2 mg/l yes SW4 onsite SEECT DiskedPhosphorus 2016 Round 2 100 N/A -3 ug/l yes SW4 onsite SEEE	SW4	onsite	SELECT	Copper	2016 Round 2	30	N/A	<7	ug/l	yes	
	SW4	onsite	SELECT	Iron	2016 Round 2	1,000	N/A	87	ug/l	yes	
SW4 onsite SELECT Manganese 2016 Round 2 300 N/A 1352 ug/l no (if no please netre details in comments box) Deceds EQS SW4 onsite SELECT Nickel 2016 Round 2 1 N/A <1	SW4	onsite	SELECT	Lead	2016 Round 2	10	N/A	<5	ug/l	yes	
		onsite									
SW4 onsite SEECT Nickel 2016 Round 2 50 N/A -2 ug/l yes - SW4 onsite SEECT Patasium 2016 Round 2 - N/A 3.4 mg/l yes - SW4 onsite SEECT Sodum 2016 Round 2 - N/A 16.2 mg/l yes - SW4 onsite SEECT Zoin Round 2 - N/A 16.2 mg/l yes - SW4 onsite SEECT Diskowed Phosphorus 2016 Round 2 N/A 167 ug/l yes - SW4 onsite SEECT Choirde 2016 Round 2 30 N/A 415 ug/l yes - SW4 onsite SEECT Tokinde 2 250 N/A 42.8 mg/l yes - - N/A 40.0 - - N/A -0.0 mg/l yes - - N/A <t< td=""><td>SW4</td><td>onsite</td><td>SELECT</td><td>Manganese</td><td>2016 Round 2</td><td>300</td><td>N/A</td><td>1352</td><td>ug/l</td><td>no (if no please enter details in comments box)</td><td>Exceeds EQS</td></t<>	SW4	onsite	SELECT	Manganese	2016 Round 2	300	N/A	1352	ug/l	no (if no please enter details in comments box)	Exceeds EQS
										yes	
SW4 onsite SELECT Sodum 2018 Round 2 · NA 16.2 mg/l yes SW4 onsite SELECT Zinc 2018 Round 2 100 N/A -43 ug/l yes SW4 onsite SELECT Dissolved Phosphorus 2018 Round 2 100 N/A -43 ug/l yes SW4 onsite SELECT Dissolved Phosphorus 2018 Round 2 30 N/A -15. ug/l yes SW4 onsite SELECT Choiride 2016 Round 2 200 N/A -1.5 ug/l yes SW4 onsite SELECT Choiride 2016 Round 2 200 N/A -2.3 mg/l yes SW4 onsite SELECT Nitrate (NO3) 2016 Round 2 0 N/A -0.02 mg/l yes SW4 onsite SELECT Orthophopsphate 2016	SW4	onsite	SELECT	Nickel	2016 Round 2	50	N/A	<2	ug/l	yes	
SW4 onsite SELECT Zinc 2018 Round 2 100 N/A -3 ug/l yes SW4 onsite SELECT Dissive/Phosphorus 2018 Round 2 N/A 167 ug/l yes SW4 onsite SELECT Total Chromium 2018 Round 2 30 N/A <157		onsite				-			mg/l	yes	
SW4 onsite SELECT Dissolved Phosphorus 2016 Round 2 N/A 167 ug/l yes SW4 onsite SELECT Total Dhromium 2016 Round 2 30 N/A <1.5										yes	
SW4 Onsite SELECT Total Chronium 2016 Round 2 30 N/A <1.5 ug/l yes SW4 Onsite SELECT Chloride 2016 Round 2 250 N/A <23.8		onsite			2016 Round 2	100			ug/l	yes	
SW4 onsite SELECT Chorde 2016 Round 2 250 N/A 23.8 mg/l yes SW4 onsite SELECT Nitrate (NO3) 2016 Round 2 50 N/A 40.2 mg/l yes SW4 onsite SELECT Nitrate (NO3) 2016 Round 2 0 N/A <0.02										yes	
SW4 onsite SELECT Nitrate (NO3) 2016 Round 2 50 N/A <0.2 mg/l yes SW4 onsite SELECT Nitrate (NO3) 2016 Round 2 0 N/A <0.02	SW4	onsite			2016 Round 2				ug/l	yes	
SW4 Onsite SELECT Nitrite (NO2) 2016 Round 2 0 N/A <0.02 mg/l yes SW4 onsite SELECT Ortho Phosphate 2016 Round 2 0 N/A <0.06		onsite						23.8	mg/l	yes	
SW4 onsite SELECT Ortho Phosphate 2016 Round 2 - N/A <0.06 mg/l yes SW4 onsite SELECT Anmonical Nitrogen 2016 Round 2 0.065 N/A 0.1 mg/l no (if no please ent etails in comments box) Exceeds EQS SW4 onsite SELECT Total Alkalinity 2016 Round 2 - N/A 360 mg/l yes exceeds EQS SW4 onsite SELECT Total Alkalinity 2016 Round 2 - N/A 360 mg/l yes exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 5 mg/l mo (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 38 mg/l mo (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 80 mg/l yes </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>mg/l</td> <td>yes</td> <td></td>									mg/l	yes	
SW4 onsite SELECT Ammoniacal Nitrogen 2016 Round 2 0.065 N/A 0.1 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT Total Alkalinity 2016 Round 2 - N/A 360 mg/l yes yes SW4 onsite SELECT BOD 2016 Round 2 1.5 N/A 5 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT BOD 2016 Round 2 1.5 N/A 5 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 38 mg/l yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 - N/A 38 mg/l yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 <6.0 & 9.0		onsite				0				yes	
SW4 Onsite SELECT Total Alkalinity 2016 Round 2 - N/A 360 mg/l yes - N/A 360 mg/l yes - N/A 360 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT EDD 2016 Round 2 1.5 N/A 5 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 38 mg/l yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 - N/A 861 µL/S/cm yes SW4 onsite SELECT pH 2016 Round 2 <6.0 & 9.0		onsite		Ortho Phosphate		-			mg/l	yes	
SW4 onsite SELECT BOD 2016 Round 2 1.5 N/A 5 mg/l no (if no please enter details in comments box) Exceeds EQS SW4 onsite SELECT COD 2016 Round 2 - N/A 38 mg/l yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 - N/A 38 mg/l yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 1,000 N/A 861 µJS/m yes SW4 onsite SELECT pH 2016 Round 2 <6.0 &>9.0 N/A 7.26 pH units yes SW4 onsite SELECT TOC 2016 Round 2 - N/A -2 mg/l yes SW4 onsite SELECT Total Suspended Solide 2016 Round 2 - N/A <10	SW4	onsite		Ammoniacal Nitrogen	2016 Round 2	0.065			mg/l	no (if no please enter details in comments box)	Exceeds EQS
SW4 onsite SELECT COD 2016 Round 2 - N/A 38 mg/1 yes SW4 onsite SELECT Electrical Conductivity 2016 Round 2 1,000 N/A 861 µL/Cm yes SW4 onsite SELECT pH 2016 Round 2 <6.0 &>5.0 N/A 7.26 pH units yes SW4 onsite SELECT TOC 2016 Round 2 <6.0 &>5.0 N/A 7.26 pH units yes SW4 onsite SELECT TOC 2016 Round 2 <0.0	SW4	onsite		Total Alkalinity	2016 Round 2	-	N/A	360	mg/l	yes	
SW4 onsite SELECT Electrical Conductivity 2016 Round 2 1,000 N/A 861 µS/cm yes SW4 onsite SELECT pH 2016 Round 2 <6.0 &>9.0 N/A 7.26 pH units yes SW4 onsite SELECT TOC 2016 Round 2 N/A <2		onsite				1.5			mg/l	no (if no please enter details in comments box)	Exceeds EQS
SW4 onsite SELECT pH 2016 Round 2 < 6.0 & 9.0 N/A 7.26 pH units yes SW4 onsite SELECT TOC 2016 Round 2 N/A -2 mg/1 yes SW4 onsite SELECT Total Suspended Solite 2016 Round 2 N/A <10	SW4	onsite			2016 Round 2		N/A		mg/l	yes	
SW4 onsite SELECT TOC 2016 Round 2 N/A <2 mg/l yes SW4 onsite SELECT Total Suspended Solids 2016 Round 2 - N/A <10		onsite		Electrical Conductivity					μS/cm	yes	
SW4 onsite SELECT Total Suspended Solids 2016 Round 2 - N/A <10 mg/l yes	SW4	onsite	SELECT		2016 Round 2	< 6.0 & >9.0	N/A	7.26	pH units		
	SW4	onsite	SELECT	TOC	2016 Round 2		N/A	<2	mg/l	yes	
SW4 onsite SELECT Sulphate 2016 Round 2 - N/A 11.5 mg/l yes		onsite				-			mg/l	yes	
	SW4	onsite	SELECT	Sulphate	2016 Round 2	-	N/A	11.5	mg/l	yes	

Junc bit is provided and state of the state of t	CD Moulte			TED /MACTEMATED/CEN			Do Maria	W0081-04	Year 2016		
Shall Shall Shall Shall Shall Shall Spin								wuu81-04			2016
bit bits bits <th< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>3</td><td></td><td></td><td></td></th<>						-		3			
MA OPE MADE OPE MADE MA		0.10110				-					
····································					2016 Round 2	- 8					
BALoppicDispicDispic biologyDispic biology <thdispic biol<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thdispic>											
	SW4		SELECT		2016 Round 2	-	N/A	71	cfu/100ml		
Shi Shi <td></td> <td></td> <td>SELECT</td> <td>E-Coli</td> <td></td> <td>-</td> <td>N/A</td> <td>71</td> <td></td> <td></td> <td></td>			SELECT	E-Coli		-	N/A	71			
Sec. </td <td>SW5</td> <td></td> <td></td> <td></td> <td></td> <td>2,000</td> <td></td> <td><12</td> <td></td> <td>yes</td> <td></td>	SW5					2,000		<12		yes	
		onsite				5			ug/l	yes	
						-				yes	
500 900 <td></td>											
						10					
555 6986 6987 7987 79977 79977 79977 <				Magnesium		-					
105)698699869986996<				Mercupy							
bbb ombo bbb bbb /th</td <td></td> <td>onsite</td> <td></td> <td></td> <td>2016 Round 1</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>		onsite			2016 Round 1	-					
9669640964096409640967<	SW5		SELECT	Sodium		-	N/A	9.6	mg/l	yes	
3D5 9920 9120 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>100</td><td></td><td></td><td>ug/l</td><td>yes</td><td></td></th<>						100			ug/l	yes	
										yes	
90%90%90%90%4.590%4.690%9											
900901090											
355onlyonly0.100.100.100.000.		0									
				Ortho Photohato	2016 Round 1 2016 Round 1	U					
100110141						0.065					
905905091609160916 <t< td=""><td></td><td></td><td></td><td>Total Alkalinity</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></t<>				Total Alkalinity		-					
900 9110 9110 000 9214	SW5					1.5			mg/l		
SNMObjectOptical (Context)Disk outDisk outSold (Context)Optical (Context) <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>						-					
989698469846798679868798687987898799879987998799896987898897213 80013100.00.09879879<			SELECT		2016 Round 1		N/A	612			
Shift Shift <t< td=""><td></td><td></td><td></td><td></td><td></td><td>< 6.0 & >9.0</td><td>N/A</td><td></td><td>pH units</td><td>yes</td><td></td></t<>						< 6.0 & >9.0	N/A		pH units	yes	
SolieSulterSulte		onsite			2016 Round 1				mg/l	yes	
WindOrsizeSkiffDescreed Organ2018 hourdinN/Amg/dprintprintprintprintWind						-		112			
SystemendingSuff.Suff. Suff.Suff. Suff.Suff. Suff.Suff. Suff.Suff. Suff.Suff. Suff. S						-					
NMSMA <td></td> <td></td> <td></td> <td>Dissolved Oxygen</td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td>				Dissolved Oxygen		-		-			
SYMomileSHLCTMemol2018 Road I8N/A.might						-					
WindominingStatictWitch2018 booldN/Ayyyymaps<						-		-			
SWMoniceSHLCTTotal caliform2016 band 1N/Aoft, 20001yesyesSWMoniceSHLCTExcla2016 band 1N/A0.400yes <td></td>											
WMoniceSHLCTF.Coll2016 konce2.02 (konce)M/ACehylDomyesyesCWM0.084SLLCTC.demian2016 koncel3.0N/AC.0.QiflYesCC <td></td> <td></td> <td></td> <td>Total Coliforms</td> <td></td> <td></td> <td>N/A</td> <td>-</td> <td></td> <td></td> <td></td>				Total Coliforms			N/A	-			
SymicSymicSuffixRegin2016 band2016 band<						-		-			
SYMonishSRLCTCademanDis Band 2S/AM/A-0.5ug/Aop/Aop/Aspin3075onishSELCTCadom2015 Band 2S.N/A-0.7ug/Aup/Aup/Aup/Aup/Aup/Aup/A-up/Aup/Aup/A-up/A-up/A <t< td=""><td></td><td></td><td></td><td></td><td></td><td>2,000</td><td></td><td><12</td><td></td><td></td><td></td></t<>						2,000		<12			
SNMonlineCalcum<	SW5		SELECT	Cadmium	2016 Round 2		N/A	<0.5		yes	
Syster orsite SELECT Iten 2016 Road 2 10.00 N/A 64.62 ug/l pyster pyster Syster orsite SELECT Mageness 2016 Road 2 1.0 N/A 1.03 mg/l pyster pyster pyster Syster orsite SELECT Mageness 2016 Road 2 300 N/A 1.03 mg/l pyster pys	SW5	onsite	SELECT	Calcium	2016 Round 2	-	N/A	142			
SMSorableSLRCTNegation2016 word101M/A10.5ug/Imp/fm personmp/smSMSorableSLRCTMagnetion2016 word0.00N/A10.50ug/Imp/fm personmp/smSMSorableSLRCTMaray2016 word0.00N/A10.50ug/Imp/fm personmp/smSMSorableSLRCTMaray2016 word0.00N/A1.0ug/Imp/smmp/smmp/smSMSorableSLRCTMaray2016 word0.00N/A1.0ug/Imp/smmp/smmp/smmp/smSMSorableSLRCTMoxedPhophony2016 word0.00N/A1.0.1mp/sm <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>ug/l</td><td>yes</td><td></td></td<>									ug/l	yes	
SinceOutsideSILETMangenee2016 word2016 wordN/A10.30mg/lmg/lmg/les met della in comments by bace tot della in comments by bace tot della in comments by bace tot della in comments by 						1,000	N/A		ug/l	yes	
SysterInstateSELECTMagneneeDis Bourd 2300M/A10:500ug/lnc/fit oplesatente details incomments boolExceeds 03SysterOnsiteSELECTMercuy2016 Bourd 290N/A-4.1ug/lupstate-SysterOnsiteSELECTNickel2016 Bourd 2-0N/A1.2.5ug/lupstate-SysterOnsiteSELECTDistation 2016 Bourd 2N/A1.1.4mg/lupstate-SysterOnsiteSELECTSelectorDistation 2016 Bourd 2N/A1.1.4mg/lupstate-SysterOnsiteSELECTSelectorDistation 2016 Bourd 2N/AUpstation 2016 Bourd 2N/AN/AN/A <td>SW5</td> <td></td> <td>SELECT</td> <td></td> <td></td> <td>10</td> <td>N/A</td> <td></td> <td></td> <td></td> <td></td>	SW5		SELECT			10	N/A				
SWSonsiteSUECTMercyDis Bour21M/A-1up/Iup/set1SWSonsiteSUECTNicka2016 out2N/A12.5mg/Lup/set-SWSonsiteSUECTFetsuim2018 out2N/A12.14mg/Lup/set-SWSonsiteSUECTSodim2018 out2N/A14.14mg/Lup/set-SWSonsiteSUECTDisoled Phophone2018 out2N/A4.21up/lup/set-SWSonsiteSUECTDisoled Phophone2018 out2N/A4.21up/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SWSonsiteSUECTOtosled Phophone2018 out2N/Aup/lup/lup/set-SW						-					
SNNSOrniteSELECTNokel2016 Round2SNNN/A-2.2ug/Lug/LupperupperSNNSOrniteSELECTPotasium2016 Round20.N/A1.1.4mg/LupperupperupperSNNSOrniteSELECTZinc2016 Round20.N/A1.1.4mg/LupperupperupperSNNSOrniteSELECTDissover Physical2016 Round20.N/A2.0.12ug/LupperupperupperSNNSOrniteSELECTTotal Chronitum2.016 Round20.N/A4.0.12upperupperupperupperupperSNNSOrniteSELECTNitrate (NO2)2.016 Round20.N/A-0.0.mg/LupperupperupperupperSNNSOrniteSELECTNitrate (NO2)2.016 Round20.N/A-0.0.mg/Lupper				Manganese							Exceeds EQS
SNMSOnsiteSHECTNotasium2016 Round 20.1N/A1.1.5mg/nperpheticitititititititititititititititititit											
Syst onsite SELECT Todal of Normal SelECT Todal Normal 2016 Roand 2 1.0 N/A -3.3 ug/l yes 1.0 Syst onsite SELECT Disolved Phosphorus 2016 Roand 2 1.00 N/A -242 ug/l yes 1.00 1.00 N/A -242 ug/l yes 1.00 1.00 N/A -242 ug/l yes 1.00 <						50					
Syst onsite SLLCT Znc. 2015 Sound 2 100 N/A -3 ug/l yes (model) Syst onsite SLLCT Total/thromum 2016 Sound 2 30 N/A -15 ug/l yes (model)						-					
SWSonsiteSELECTDissolved Phosphous2016 Round 2N/A2421ug/lmytes1SWSonsiteSELECTTotal Chorade2150 Round 2250N/AC1.5ug/lmytescSWSonsiteSELECTNitrite (NO2)2016 Round 2250N/AC0.2mg/lmytescSWSonsiteSELECTNitrite (NO2)2016 Round 2S0N/AC0.2mg/lmytescSWSonsiteSELECTNitrite (NO2)2016 Round 2N/AC0.0mg/lmytescSWSonsiteSELECTOtto Phosphate2016 Round 2N/AC0.0mg/lmg/lmytescSWSonsiteSELECTTotal Alkinogen2016 Round 2N/AM/AC0.0mg/lmg/lmytescSWSonsiteSELECTTotal Alkinogen2016 Round 2N/AN/AC0.0mg/lmg/lmytescSWSonsiteSELECTBOD2016 Round 2N/AN/AC0.0mg/lmg/lmytesccSWSonsiteSELECTBOD2016 Round 2N/AN/AC0.0mg/lmg/lmytesccSWSonsiteSELECTDIC Round 2N/AN/AC0.0mg/lmg/lmytesccSWSonsiteSELECTDIC Round 2N/AN/AC0.0mg/lmg/lmytesc </td <td></td> <td>0</td> <td></td> <td></td> <td></td> <td>100</td> <td></td> <td></td> <td></td> <td></td> <td></td>		0				100					
SWS onsile SELECT Total Chromium 2016 Rourd 2 30 N/A Cl-15 ug/h uyes constraints SWS onsile SELECT Nitrate (NO3) 2016 Rourd 2 250 N/A C-0.2 mg/h uyes constraints uyes uyes constraints uyes <						100					
Svis onsite SELECT Charde 2016 Bound 2 280 N/A 27.5 mg/a yes model Svis onsite SELECT Nitrite (NO2) 2016 Bound 2 50 N/A <0.2						30					
SWS onsite SELECT Nitrate (NO3) 2016 Bound 2 SO N/A -0-2 mg/l (mg/l) (mg/l) </td <td></td>											
SW5onsiteSELCTNitrik (MO2)2016 Round 2·N/A··0.02mg/lmypinmysinmSW5onsiteSELCTOtho Phophate2016 Round 2·N/A0.61mg/lno (fno please entre details in comments box)Exceeds EQSSW5onsiteSELECTTotal Akainity2016 Round 2·N/A380mg/l<	SW5		SELECT	Nitrate (NO3)	2016 Round 2	50	N/A		mg/l		
Syst onsite StECT Anmonical Nitrogen 2016 Round 2 N/A 0.61 mg/l no (if no please enter details in comments box) Exceeds EQS SWS onsite SELECT Total Akalinity 2016 Round 2 - N/A 380 mg/l yes SWS onsite SELECT BOD 2016 Round 2 1.5 N/A 320 mg/l yes SWS onsite SELECT ECCTAICALOULUIV 2016 Round 2 - N/A 406 µg/l yes SWS onsite SELECT Electrical Conductivity 2016 Round 2 - N/A 446 mg/l yes SWS onsite SELECT Total Supendef Solids 2016 Round 2 - N/A 44.2 mg/l yes SWS onsite SELECT Solid Round 2 - N/A 44.2 mg/l yes SWS onsite SELECT Solid Round 2 <t< td=""><td></td><td></td><td>SELECT</td><td>Nitrite (NO2)</td><td></td><td></td><td>N/A</td><td></td><td></td><td></td><td></td></t<>			SELECT	Nitrite (NO2)			N/A				
SWS onsite SELECT Namoniacal Nitrogen 2016 Round 2 N/A 0.61 mg/l mo (if no pelase netred relails in comments loos) Excetes EQS SWS onsite SELECT Total Akalinity 2016 Round 2 - N/A 3800 mg/l wess - SWS onsite SELECT BOD 2016 Round 2 - N/A 102 mg/l wess - - SWS onsite SELECT BOD 2016 Round 2 - N/A 4.02 mg/l wess - - SWS onsite SELECT Total Supended Solids 2.016 Round 2 - N/A 4.4 mg/l wess - - N/A 4.42 mg/l wess - - N/A 4.42 mg/l wess - - N/A 1.42 mg/l wess - - N/A N/A 1.42 mg/l wess - - N/A N/A 1.5						-					
SWSonsiteSELECTTotal Alkalinity2016 Round 2N/A380mg/lyesSWSonsiteSELECTBOD2016 Round 21.5N/A1.22mg/lyesSWSonsiteSELECTCOD2016 Round 21.000N/A846µS/cmyesSWSonsiteSELECTElectrical conductivity2016 Round 21.000N/A846µS/cmyesSWSonsiteSELECTpH2016 Round 2<0	SW5			Ammoniacal Nitrogen		0.065	N/A	0.61	mg/l	no (if no please enter details in comments box)	Exceeds EQS
SWSonsiteSELECTCOO2016 Round 2N/A102mg/awyeis(mi)SWSonsiteSELECTElectrical Conductivity2016 Round 21.000N/A8.46 $\mu/S(m)$ (mi)(m	SW5		SELECT	Total Alkalinity		-	N/A	380	mg/l	yes	
SystonsiteSELECTElectrical Conductivity2016 Round 2 $(< 0.0 \times 9.0$ N/A846 μ S/m μ st μ stSW5onsiteSELECTpH2016 Round 2 $< (< 0.0 \times 9.0$ N/A7.08pH units μ st μ stSW5onsiteSELECTTotal Supended Solids2016 Round 2 N/A 4mg/l μ st μ stSW5onsiteSELECTTotal Supended Solids2016 Round 2 N/A A mg/l μ st μ stSW5onsiteSELECTObjected Solids2016 Round 2 $ N/A$ 44.2 mg/l μ stSW5onsiteSELECTDissolved Oxygen2016 Round 2 $ N/A$ 44.2 mg/l μ stSW5onsiteSELECTSU6 Round 2 $ N/A$ A A mg/l μ stSW5onsiteSELECTVOC's2016 Round 2 $ N/A$ N_A 2 mg/l μ stSW5onsiteSELECTVOC's2016 Round 2 $ N/A$ N_A 0 μ g/l μ stSW5onsiteSELECTVOC's2016 Round 2 $ N/A$ N_A 0 μ g/l μ stSW5onsiteSELECTVOC's2016 Round 2 $ N/A$ 0 μ g/l μ stSW5onsiteSELECTTotal Outforms2016 Round 1 $ N/A$ 0 μ g/l μ stSW5onsite <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.5</td> <td></td> <td></td> <td></td> <td></td> <td></td>						1.5					
SWSOnsiteSELECTPH2016 Round 2 $(\sim R)$ $(\sim$									mg/l	yes	
SWSonsiteSELECTTOC2016 Round 2N/A4 mg/l (wes)SWSonsiteSELECTTodal Suppende Solids2016 Round 2-N/A139 mg/l (wes)SWSonsiteSELECTSulphate2016 Round 2-N/A44.2 mg/l (wes)SWSonsiteSELECTSulphate2016 Round 2-N/A44.2 mg/l (wes)SWSonsiteSELECTDisolwed Oxgen2016 Round 2-N/AN.D \mug/l (wes)SWSonsiteSELECTSVOCe except2016 Round 2-N/AN.D \mug/l (wes)SWSonsiteSELECTPhenol2016 Round 2-N/AN.D \mug/l (wes)SWSonsiteSELECTPhenol2016 Round 2-N/AN.D \mug/l (wes)SWSonsiteSELECTTotal Colforms2016 Round 2-N/AN.D \mug/l (wes)SWSonsiteSELECTTotal Colforms2016 Round 2-N/A0(fu/100ml(wes)SWSonsiteSELECTTotal Colforms2016 Round 1-N/A0(fu/100ml(wes)SWSonsiteSELECTCadmium2016 Round 1-N/A128.6mg/l(wes)SW6onsiteSELECTCadmium2016 Round 1-N/A4.0(fu/100ml(wes)SW6onsite <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
SV5onsiteSEECTTotal Supended Soluds2016 Round 2···N/A139mg/lyetsSV5onsiteSEECTSupended Soluds2016 Round 2···N/A44.2mg/lyetsSV5onsiteSEECTDissolved Drygen2016 Round 2···N/A44.2mg/lyetsSV5onsiteSEECTSUScentytt.2016 Round 2···N/AN/A2mg/lyetsSV5onsiteSEECTSUCS scentyt.2016 Round 2···N/AN/BJug/lyetsSV5onsiteSEECTPhronin2016 Round 2···N/AN/BJug/lyetsSV5onsiteSEECTPhronin2016 Round 2···N/AN/BJug/lyetsSV5onsiteSEECTVOC's2016 Round 2···N/A0clu/J00mlyetsSV5onsiteSEECTTotal Colforms2016 Round 2···N/A0clu/J00mlyetsSV5onsiteSEECTTotal Colforms2016 Round 1···N/A0clu/J00mlyetsSV6onsiteSEECTCol2016 Round 1···N/A40.5ug/lyetsSV6onsiteSEECTCol2016 Round 1···N/A40.5ug/lyetsSV6onsiteSEECTColarium2016 Round 1···N/A40.5ug/lyetsSV6onsite<						< 6.0 & >9.0					
SWSonsiteSteECTSulphate2016 Round 2·N/A44.2 mg/l yesSWSonsiteSELECTDissolved Dorgen2016 Round 2·N/A2 mg/l yesSWSonsiteSELECTSVOCS except2016 Round 2·N/AN.D \mug/l yesSWSonsiteSELECT4-Methylphenol2016 Round 2·N/AN.D \mug/l yesSWSonsiteSELECT4-Methylphenol2016 Round 2·N/A25 \mug/l yesSWSonsiteSELECTPhenol2016 Round 28N/A5 \mug/l yesSWSonsiteSELECTTotal Colforms2016 Round 2·N/AN.D \mug/l yesSWSonsiteSELECTTotal Colforms2016 Round 2·N/A0cfu/100mlyesSWSonsiteSELECTTotal Colforms2016 Round 2·N/A0cfu/100mlyesSW6onsiteSELECTTotal Colforms2016 Round 1·N/A0.5ug/lyesSW6onsiteSELECTCadmium2016 Round 1·N/Ac0.5ug/lyesSW6onsiteSELECTCadmium2016 Round 1·N/Ac1.28.6mg/lyesSW6onsiteSELECTCadmium2016 Round 1·N/Ac2.0ug/lyesS											
SW5onsiteSELECTDissolved Oxygen2016 Round 2 $-$ N/A 2 mg/lyets $ $ SW5onsiteSELECTSV02016 Round 2 $-$ N/AN.Dµg/lyets $ </td <td></td>											
SWSonsiteSELECTSVOCs except2016 Round 2 \sim N/AN.Dµg/iyetsyetsSWSonsiteSELECT4-Metrylphenol2016 Round 2 \sim N/A 25 µg/iyetsSWSonsiteSELECTPhenol2016 Round 28N/A 5 µg/iyetsSWSonsiteSELECTVOC's2016 Round 2 \sim N/AN.Dµg/iyetsSWSonsiteSELECTVOC's2016 Round 2 \sim N/A0clu/100mlyetsSWSonsiteSELECTTotal Colforms2016 Round 2 \sim N/A0clu/100mlyetsSW6onsiteSELECTBoron2016 Round 2 \sim N/A0clu/100mlyetsSW6onsiteSELECTBoron2016 Round 12.000N/A15.5µg/iyetsSW6onsiteSELECTCadmium2016 Round 1 \sim N/A4.05µg/iyetsSW6onsiteSELECTCadmium2016 Round 1 \sim N/A4.05µg/iyetsSW6onsiteSELECTCadmium2016 Round 1 \sim N/A4.05µg/iyetsSW6onsiteSELECTCopper2016 Round 11.00N/A <7.0 µg/iyetsSW6onsiteSELECT					2016 Round 2						
SW5onsiteSELECT4-Methylphenol2018 Round 2N/A25 $ g 1$ yesSW5onsiteSELECTPhenol2018 Round 28N/A5 $ g 1$ yesSW5onsiteSELECTVOC's2018 Round 28N/AN/AN/D $ g 1$ yesSW5onsiteSELECTTotal Collforms2018 Round 2N/AN/AN/D $ g 1$ yesSW5onsiteSELECTTotal Collforms2018 Round 2N/A0cfu/100mlyesSW6onsiteSELECTE-Coll2016 Round 12,000N/A15ug1yesSW6onsiteSELECTCalumum2016 Round 1SN/A0.5ug1yesSW6onsiteSELECTCalumum2016 Round 1SN/A4.0.5ug1yesSW6onsiteSELECTCalumum2016 Round 1N/A4.0.5ug1yesSW6onsiteSELECTCalum2016 Round 130N/A4.0.5ug1yesSW6onsiteSELECTIron2016 Round 1100N/A4.0.5ug1yesSW6onsiteSELECTIron2016 Round 1100N/A4.0.5ug1yesSW6onsiteSELECTKadnum2016 Round 1100N/A4.0.5ug1yesSW6onsiteSELECTMagnesium2016 Round 1100N/A </td <td></td>											
SW5onsiteSELECTPhenol2016 Round 2N/A 5 $\mu p/l$ (yets)(yets)SW5onsiteSELECTVOC'S2016 Round 2 $-$ N/AN.D $\mu p/l$ (yets)(yets)SW5onsiteSELECTTotal Colforms2016 Round 2 $-$ N/A 0.0 $c \mu/d Dornl(yets)(yets)SW5onsiteSELECTTotal Colforms2016 Round 12.000N/A0.0c \mu/d Dornl(yets)(yets)SW6onsiteSELECTBoron2016 Round 12.000N/A0.5u p/l(yets)(yets)SW6onsiteSELECTCadmium2016 Round 1-N/A0.5u p/l(yets)(yets)SW6onsiteSELECTCadmium2016 Round 1-N/A0.5u p/l(yets)(yets)SW6onsiteSELECTCadmium2016 Round 1-N/A0.5u p/l(yets)(yets)SW6onsiteSELECTCopper2016 Round 11.000N/A-7u p/l(yets)(yets)SW6onsiteSELECTItead2016 Round 11.000N/A-7u p/l(yets)(yets)SW6onsiteSELECTMagnesium2016 Round 11.000N/A-7u p/l(yets)(yets)SW6onsiteSELECTMagnesium2016 Round 1-1N/A-7$									με/I		
SW5 onsite SELECT VOC's 2016 Round 2 - N/A N.D $\mu \mu/l$ yes SW5 onsite SELECT Total Colforms 2016 Round 2 - N/A 0.0 $clu/100ml$ yes SW5 onsite SELECT Total Colforms 2016 Round 1 2.000 N/A 0.0 $clu/100ml$ yes SW6 onsite SELECT E-Coli 2016 Round 1 2.000 N/A 0.5 $u g/l$ yes SW6 onsite SELECT Cadmium 2016 Round 1 - N/A -0.5 $u g/l$ yes SW6 onsite SELECT Cadmium 2016 Round 1 - N/A -0.5 $u g/l$ yes SW6 onsite SELECT Cadmium 2016 Round 1 - N/A -7 $u g/l$ yes SW6 onsite SELECT Icon 2016 Round 1 100 N/A -7 $u g/l$ yes SW6	SW5			Phenol	2016 Round 2	8	N/A	5			
SW5 Onsite SELECT Total Coliforms 2016 Round 2 N/A 0 ch/(100m) yes SW5 Onsite SELECT E-Coli 2016 Round 2 N/A 0 ch/(100m) yes SW6 Onsite SELECT Boron 2016 Round 1 $2,000$ N/A 15 ug/l yes yes SW6 Onsite SELECT Cadmium 2016 Round 1 $ N/A$ 0.5 ug/l yes yes SW6 Onsite SELECT Cadmium 2016 Round 1 $ N/A$ 0.5 ug/l yes yes SW6 Onsite SELECT Cadmium 2016 Round 1 $ N/A$ 0.20 ug/l yes SW6 Onsite SELECT Copper 2016 Round 1 1.000 N/A -7 ug/l yes SW6 Onsite SELECT Lead 2016 Round 1 1.000 N/A -7 u				VOC's		-	N/A	N.D			
SW6 Onsite SELECT Boron 2016 Round 1 2000 N/A 15 ug/l yes SW6 Onsite SELECT Cadhum 2016 Round 1 S N/A <0.5						-	N/A	0	cfu/100ml		
SW6 Onsite SELECT Boron 2016 Round 1 ON // 15 ug/l yes SW6 Onsite SELECT Cadium 2016 Round 1 5 N/A 15 ug/l yes SW6 Onsite SELECT Cadium 2016 Round 1 5 N/A 128.6 mg/l yes SW6 Onsite SELECT Cadium 2016 Round 1 30 N/A 428.6 mg/l yes SW6 Onsite SELECT Copper 2016 Round 1 30 N/A <7		onsite				-			cfu/100ml		
SW6 onsite SELECT Caldum 2016 Round 1 - N/A 128.6 mg/l yes SW6 onsite SELECT Copper 2016 Round 1 30 N/A <7						2,000		15			
SW6 Onsite SELECT Copper 2016 Bound 1 30 N/A <7 ug/l yes SW6 onsite SELECT iron 2016 Bound 1 1,000 N/A <20						5					
SW6 onsite SELECT Iron 2016 Round 1 1,000 N/A <20 ug/l yes SW6 onsite SELECT Lead 2016 Round 1 N/A <5						-			mg/l		
SW6 Onsite SELECT Lead 2016 Round 1 N/A <5 Ug/l yes SW6 Onsite SELECT Mgmesium 2016 Round 1 - N/A 7.9 mg/l yes SW6 Onsite SELECT Mgnesium 2016 Round 1 - N/A 7.9 mg/l yes SW6 Onsite SELECT Manganese 2016 Round 1 300 N/A <2											
SW6 onsite SELECT Magnesium 2016 Round 1 - N/A 7.9 mg/l yes SW6 onsite SELECT Manganese 2016 Round 1 300 N/A <2											
SW6 Onsite SELECT Manganese 2016 Round 1 300 N/A <2 ug/l yes SW6 onsite SELECT Mercury 2016 Round 1 N/A <1						10					
SW6 onsite SELECT Mercury 2016 Round 1 1 N/A <1 ug/l yes SW6 onsite SELECT Nickel 2016 Round 1 50 N/A <2	SWG			Magnesium		- 200	N/A	/.9			
SW6 onsite SELECT Nickel 2016 Round 1 50 N/A <2 ug/l yes			SELECT		2016 Round 1		N/A N/A				
						-					

No. No. <th>R Monitori</th> <th>ng returns su</th> <th>mmary template-W</th> <th>ATER/WASTEWATER(SEW</th> <th>'ER)</th> <th></th> <th>Lic No:</th> <th>W0081-04</th> <th></th> <th>Year</th> <th>2016</th>	R Monitori	ng returns su	mmary template-W	ATER/WASTEWATER(SEW	'ER)		Lic No:	W0081-04		Year	2016
No. No. </td <td>SW6</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>mg/l</td> <td>yes</td> <td></td>	SW6					-			mg/l	yes	
No.No.No.ADAD <th< td=""><td>SW6</td><td>onsite</td><td>SELECT</td><td>Zinc</td><td>2016 Round 1</td><td>100</td><td>N/A</td><td>3</td><td>ug/l</td><td>yes</td><td></td></th<>	SW6	onsite	SELECT	Zinc	2016 Round 1	100	N/A	3	ug/l	yes	
No.N	SW6	onsite							ug/I	yes	
BetterBist	SW6	onsite	SELECT		2016 Round 1		N/A	4.9			
BookB	SW6			Chloride						yes	
no.Sign No. <td>SW6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>mg/l</td> <td>yes</td> <td></td>	SW6								mg/l	yes	
Set 50.Set 50.<	SW6	onsite				0				no (if no please enter details in comments box)	Exceeds EQS
	SW6	onsite	SELECT	Ortho Phosphate	2016 Round 1	-				yes	
mmm <th< td=""><td>SW6</td><td>onsite</td><td>SELECT</td><td>Ammoniacal Nitrogen</td><td>2016 Round 1</td><td>0.065</td><td>N/A</td><td>0.12</td><td>mg/l</td><td>no (if no please enter details in comments box)</td><td>Exceeds EQS</td></th<>	SW6	onsite	SELECT	Ammoniacal Nitrogen	2016 Round 1	0.065	N/A	0.12	mg/l	no (if no please enter details in comments box)	Exceeds EQS
mmm <th< td=""><td>SW6</td><td>onsite</td><td>SELECT</td><td>Total Alkalinity</td><td>2016 Round 1</td><td>-</td><td>N/A</td><td>222</td><td>mg/l</td><td>yes</td><td></td></th<>	SW6	onsite	SELECT	Total Alkalinity	2016 Round 1	-	N/A	222	mg/l	yes	
SectorSintCOBSint of DSint <td>SW6</td> <td></td> <td>SELECT</td> <td>BOD</td> <td>2016 Round 1</td> <td>1.5</td> <td>N/A</td> <td></td> <td>mg/l</td> <td>no (if no please enter details in comments box)</td> <td>Exceeds EQS</td>	SW6		SELECT	BOD	2016 Round 1	1.5	N/A		mg/l	no (if no please enter details in comments box)	Exceeds EQS
Borney Numery	SW6		SELECT	COD		-		27			
990/1790/1790/1890/	SW6	onsite	SELECT	Electrical Conductivity	2016 Round 1	1,000	N/A	703	μS/cm	yes	
99010	SW6	onsite	SELECT	pH	2016 Round 1	< 6.0 & >9.0	N/A	7.21	pH units	yes	
Subir <th< td=""><td>SW6</td><td></td><td>SELECT</td><td></td><td>2016 Round 1</td><td></td><td>N/A</td><td>6</td><td></td><td></td><td></td></th<>	SW6		SELECT		2016 Round 1		N/A	6			
endIndexSubsetIntervalNo.NAINANAINANAINA <td>SW6</td> <td>onsite</td> <td>SELECT</td> <td>Total Suspended Solids</td> <td>2016 Round 1</td> <td>-</td> <td>N/A</td> <td>111</td> <td>mg/l</td> <td>yes</td> <td></td>	SW6	onsite	SELECT	Total Suspended Solids	2016 Round 1	-	N/A	111	mg/l	yes	
of bit is a section of the section	SW6	onsite	SELECT	Sulphate	2016 Round 1	-	N/A	-	mg/l	yes	
ends 5117 5025 egg 518 bed i NA i agl stat s	SW6	onsite	SELECT	Dissolved Oxygen	2016 Round 1	-	N/A	-	mg/l	yes	
SectorSine boardSine board	SW6	onsite		SVOCs except	2016 Round 1	-		-	μg/I	yes	
90891079107 (900 (900 (900 (900 (900 (900 (900 (9	SW6	onsite	SELECT	4-Methylphenol	2016 Round 1	-	N/A	-	μg/I	yes	
end 9411 9402 9403 9412 9405 9413	SW6	0.10110				8		-		yes	
methyMethyMethyMA <td>SW6</td> <td>onsite</td> <td></td> <td></td> <td>2016 Round 1</td> <td>-</td> <td></td> <td>-</td> <td>μg/I</td> <td></td> <td></td>	SW6	onsite			2016 Round 1	-		-	μg/I		
BBSSSSNAA <th< td=""><td>SW6</td><td>onsite</td><td></td><td></td><td>2016 Round 1</td><td>-</td><td></td><td>-</td><td>cfu/100ml</td><td>yes</td><td></td></th<>	SW6	onsite			2016 Round 1	-		-	cfu/100ml	yes	
methyMethyMethyMethyMethyMethyMethyMethyMethyMethyMethy000	SW6					-		-			
methyMethyMethyMethyMethyMethyMethyMethyMethyMethyMethy000	SW6			Boron							
endsSuffixObjectObjectNA11.0mg2mg2mg3mg3mg3mg3mg3mg300018SULCILocalSULCILocalSULCILocalSULCI <td>SW6</td> <td></td> <td></td> <td>Cadmium</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	SW6			Cadmium							
989898989899999999999990 <td>SW6</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>mg/l</td> <td>yes</td> <td></td>	SW6					-			mg/l	yes	
endSHC1Magnetion2018 band 219MA-Gugdugdregrregr0018SUC1Magnetion2018 band 21MAG001001 for place at 0.00 in connet 1.00Deep5 1000018SUC1Matter2018 band 21MAG001001 for place at 0.00 in connet 1.00Deep5 1000018SUC1Nota2018 band 21MAG001001 for place at 0.00 in connet 1.00Deep5 1000018SUC1Nota2018 band 21MAG001GNotaC0018SUC1Nota2018 band 22MAG001GNotaC0018SUC1Nota Mather2018 band 22MAGGNotaCNotaC0018SUC1Nota Mather2018 band 22MAGGMAGMAGNota<	SW6										
methySurrersurre	SW6	0.10110								no (if no please enter details in comments box)	Exceeds EQS
endSkiffMagenesimDisk BoodN/A7.7mg/dysgysgCench Dig0001SkiffMagenesisSkiffSk	SW6	onsite				10				yes	
endingSkiftMean3016 Mond1NA-1upupmpmponiseSkiftNaSkift<	SW6	onsite				-					
endity StatC Mercy 211 Bond 3 1 NA cl qd/l yss cl endity StatC Not 10 Bond 3 10 Bond 3 10 A 14 A <td>SW6</td> <td></td> <td>SELECT</td> <td>Manganese</td> <td>2016 Round 2</td> <td></td> <td>N/A</td> <td></td> <td></td> <td>no (if no please enter details in comments box)</td> <td>Exceeds EQS</td>	SW6		SELECT	Manganese	2016 Round 2		N/A			no (if no please enter details in comments box)	Exceeds EQS
endSufferSufferNoteSufferNoteSufferSufferNoteSufferNoteSufferNoteSufferNoteNoteSufferNoteNoteSufferNote <td>SW6</td> <td></td> <td></td> <td>Mercury</td> <td></td> <td></td> <td></td> <td></td> <td>ug/l</td> <td>yes</td> <td></td>	SW6			Mercury					ug/l	yes	
BBB <th< td=""><td>SW6</td><td>onsite</td><td></td><td>Nickel</td><td></td><td>50</td><td></td><td></td><td>ug/l</td><td></td><td></td></th<>	SW6	onsite		Nickel		50			ug/l		
Section<	SW6	onsite				-		4.8			
SectorSect	SW6	onsite	SELECT	Sodium	2016 Round 2	-	N/A	9.8	mg/l		
ensite SELCT DeckedProgenus/ Dist Dist Statum Dist Statum<	SW6	onsite	SELECT	Zinc	2016 Round 2	100	N/A	8	ug/l	yes	
endit StLCT Total Coronium 2018 boxd 2 30 N/A <i> - N/A - - N/A - - - - - N/A - - - N/A - - - N/A - N/A - - N/A - - N/A - N/A - N/A - N/A - N/A - N/A -</i>	SW6		SELECT	Dissolved Phosphorus	2016 Round 2		N/A	543	ug/l		
owite Sile Norte (NO)	SW6		SELECT	Total Chromium	2016 Round 2	30					
endingStatCTNate NO32018 Rond 250N/A60.2mg/gmg	SW6	onsite							mg/l	yes	
ImageStatcNate: PhD2Oth StatcOth StatcOt	SW6	onsite	SELECT	Nitrate (NO3)	2016 Round 2	50	N/A	<0.2	mg/l		
modelMotherControl Many MarkControl MarkControl Many MarkControl Mark<	SW6										
memberMontexMatrixMatr	SW6										
onite Ostite Ostite </td <td>SW6</td> <td></td> <td></td> <td></td> <td></td> <td>0.065</td> <td></td> <td></td> <td></td> <td></td> <td>1</td>	SW6					0.065					1
owite SELET BOD D15 Bourd 2 1.5 N/A 14 mg/L yes ms/A owike SELET Exertial Conductivy D18 Bourd 2 1.000 N/A 6.73 pikants yes - owike SELET Exertial Conductivy D18 Bourd 2 6.8 Ap.0 N/A 6.73 pikants yes - owike SELET Total Total Total Total Total Total Bourd 2 - N/A 6.73 pikants yes - owike SELET Total Total Total Total Bourd 2 - N/A 6.73 pikants yes - owike SELET Disobed Orgen D16 Bourd 2 - N/A 1 mg/L yes - owite SELET Biocheed Orgen D16 Bourd 2 - N/A 1 g/L yes - N/A 1 g/L yes - - N/A 1 1 g/L yes - N/A 1 -	SW6					-					
ensite SELET COD 2018 Bourd 2 . N/A 192 mg/l yes method ensite SELET pH 2018 Bourd 2 4.00 N/A 6.73 pH unts yes . ensite SELET ToC 2018 Bourd 2 4.00 N/A 6.6 mg/l yes . . ensite SELET ToC 2018 Bourd 2 . N/A 6.6 mg/l yes N/A 6.6 mg/l . <	SW6			BOD	2016 Round 2	1.5	N/A	14			
omite SHECT Electrical Conductivity 2016 Board 2 1.000 N/A 477 $\mu\beta/cm$ (mise) (mise) SHECT SH 2016 Board 2 Co.Sh 3-0.0 N/A 6-73 (mise)	SW6					-					
owite SHECT CO Dis Rond 2 < 6.6 & 9.0 N/A 6.73 pHums yes owite SHECT TOC 2016 Rond 2 - N/A 6.6 mg/l yes - owite SHECT Total Suppended Solis 2016 Rond 2 - N/A 23 mg/l yes - owite SHECT Diskoved Oxyem 2016 Rond 2 - N/A 1 mg/l yes - owite SHECT Diskoved Oxyem 2016 Rond 2 - N/A N.D gg/l yes - owite SHECT VOC scept	SW6					1.000					
onsite SELECT TOC 2016 Rond 2 N/A 6 mg/l mg/l mg/set mg/set onsite SELECT Total segned 50/k 2016 Rond 2 . N/A 28 mg/l wes . onsite SELECT Subhate 2016 Rond 2 . N/A 1 mg/l wes . onsite SELECT Disorder Organ 2016 Rond 2 . N/A AL 1 mg/l wes . onsite SELECT Absthylend 2016 Rond 2 . N/A AL .	SW6										
onsite SELCT Total Sugneded Subite 2016 Round 2 N/A 26 mg/l myres onsite SELCT Discubred Oxygen 2016 Round 2 N/A 1 mg/l wess onsite SELCT Discubred Oxygen 2016 Round 2 N/A N.D µg/l wess onsite SELCT Proteomode 2016 Round 2 N/A N/A M/A M/A </td <td>SW6</td> <td></td>	SW6										
onite SELECT Subjected Orgen 2016 Bound 2 - NA 1 mg/l west ms/l onsite SELECT Disolved Orgen 2016 Bound 2 - N/A N.D µg/l yes - onsite SELECT 4/Methylenol 2016 Bound 2 - N/A - 1 µg/l yes - onsite SELECT 4/Methylenol 2016 Bound 2 - N/A - 1 µg/l yes - - N/A - 1 µg/l yes - - N/A 0 cht/l20ml yes - - N/A 0 - - N/A 0 - - - - - N/A 0 - - - - -	SW6										
onsiteDisclued Oxygen2016 Boand 2··N/A1mg/lyesonsiteSELECTWOC Sexept2016 Boand 2··N/AN.D $ug/lyesonsiteSELECT4-Methylphenl2016 Boand 2··N/A··ug/lyesonsiteSELECTPhenol2016 Boand 2··N/A··ug/lyesonsiteSELECTTotal Collerons2016 Boand 2··N/AOdu/loomlyesonsiteSELECTTotal Collerons2016 Boand 2··N/AOdu/loomlyesonsiteSELECTTotal Collerons2016 Boand 2··N/AOdu/loomlyesonsiteSELECTECali2016 Boand 2··N/AOdu/loomlyesonsiteSELECTECali2016 Boand 2··N/AOdu/loomlyesonsiteSELECTECali2017 Boand 12.000N/AAOdu/loomlyesonsiteSELECTCadinim2017 Boand 11.00N/AAAQu/looyesonsiteSELECTMagnetim2017 Boand 11.00N/AAQu/looyesonsiteSELECTMagnetim2017 Boand 11.00N/AAQu/looyesonsiteSELECTMagnetim$	SW6										
oniteSUECTSVOCS except2016 Bound 2··NAN.D $\mu g/l$ yets(c)oniteSELECT4-Methyphend2016 Bound 2·NA· $\mu g/l$ yets(c)oniteSELECTPhend2016 Bound 2·NA· $\mu g/l$ yets(c)oniteSELECTTotal Colforms2016 Bound 2·NAN.D $\mu g/l$ yets(c)oniteSELECTTotal Colforms2016 Bound 2·NA0d/u/00mlyets(c)oniteSELECTTotal Colforms2017 Bound 1200NA29 $u g/l$ yets(c)(c)oniteSELECTGadmin2017 Bound 1·NA 400 $u g/l$ yets(c)(c)oniteSELECTCadim2017 Bound 1·NA 400 $u g/l$ yets(c)(c)oniteSELECTIcoper2017 Bound 110NA 420 $u g/l$ yets(c)(c)oniteSELECTInagenese2017 Bound 110NA 420 $u g/l$ yets(c)(c)oniteSELECTMagnese2017 Bound 110NA 420 $u g/l$ yets(c)(c)oniteSELECTMagnese2017 Bound 110NA 410 $u g/l$ yets(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)<	SW6	onsite	SELECT		2016 Round 2					yes Vec	
oniteSLECT4-Methylend20.16 kourdM/A <td>SW6</td> <td></td> <td></td> <td>SVOCs evcent</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	SW6			SVOCs evcent							
onite SHECT Phenol 20.6 Round 2 8 N/A 4.1 jg/l Pythom Pythom Construction onite SHECT VOC5 20.16 Round 2 - N/A 0.0 (fu/100ml) Pythom 0.0 onite SHECT Total Colferms 20.16 Round 2 - N/A 0.0 (fu/100ml) Pythom 0.0 onite SHECT Beron 20.17 Round 1 2.000 N/A 20.5 ugl Pythom Pythom 0.0 onite SHECT Genium 20.17 Round 1 - N/A 40.5 ugl Pythom Pythom 0.0 onite SHECT Cadmin 20.17 Round 1 - N/A 40.5 ugl Pythom Pythom 0.0 0.0 0.0 N/A 40.7 Ugl Pythom 0.0 0.0 0.0 N/A 40.7 Ugl Pythom 0.0 0.0 0.0 N/A 10.0 N/A 10.0 <td< td=""><td>SW6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	SW6										
orsite StitCT VOC's 2018 Pound 2 N/A N/A N/D pg/l res res onsite StitCT TotalColforms 2018 Pound 2 - N/A 0 cfu/D0mi res - onsite StitCT Excol 2018 Pound 1 2.000 N/A 0 cfu/D0mi res - onsite StitCT Baron 2017 Pound 1 5 N/A - 0.0 res - - - N/A - 0.0 res - - N/A - 0.0 res - - N/A - 0.0 - - - N/A - 0.0 - - - N/A - 0.0 - - - - - - N/A - 0.0 - - - - - - - - - - - - - - - <t< td=""><td>SW6</td><td></td><td></td><td></td><td></td><td>8</td><td></td><td></td><td></td><td></td><td></td></t<>	SW6					8					
onsite SELECT Total Colforms 2016 Round 2 · N/A 0 ch/100ml yes 1 onsite SELECT Boron 2017 Round 1 2,000 N/A 29 ug/n vyst 1 onsite SELECT Boron 2017 Round 1 5 N/A 293 ug/n yes 1 1 onsite SELECT Cadnum 2017 Round 1 - N/A 193 mg/n yes 1 1 onsite SELECT Cadnum 2017 Round 1 1,000 N/A -<20	SW6	0.10110				0					
onsite SELET F-Coli 2016 Round 1 - N/A 0 chu/100ml yes 1 onsite SELET Boron 2017 Round 1 2,000 N/A 29 yyli yes - - - N/A 29 yyli yes - - - N/A - - N/A - - yyli yes - - N/A - -	SW6 SW6			VUL S Total Coliforms			N/A				
onsite SELECT Boron 2017 Round 1 2,000 N/A 29 ug/l yes onsite SELECT Cadmium 2017 Round 1 5 N/A 0.05 ug/l yes onsite SELECT Calcium 2017 Round 1 30 N/A -0.7 ug/l yes onsite SELECT Conger 2017 Round 1 1,000 N/A -2.7 ug/l yes onsite SELECT Laad 2017 Round 1 1,000 N/A -2.0 ug/l yes onsite SELECT Magnesium 2017 Round 1 10 N/A -5 ug/l yes onsite SELECT Magnesium 2017 Round 1 1 N/A -1 ug/l yes onsite SELECT Mercury 2017 Round 1 N/A 1.8 ug/l yes	SW6 SW6					-					
onsite SELET Cadium 2017 Round 1 5 N/A -0.5 ug/l up/l ups onsite SELET Cadium 2017 Round 1 30 N/A -7.7 ug/l ups - onsite SELET Iron 2017 Round 1 30 N/A -7.7 ug/l ups - onsite SELET Iron 2017 Round 1 10.0 N/A -2.0 ug/l ups - - onsite SELET Lad 2017 Round 1 10.0 N/A -2.0 ug/l ups - - onsite SELET Magnesim 2017 Round 1 10.0 N/A -5.0 ug/l upsl upsl upsl - - - - - upsl upsl upsl upsl upsl upsl upsl upsl upsl - - - - - - - - upsl upsl upsl	SW6 SW7					3 000		-			
onsite SELET Calcium 2017 Round 1 - N/A 139.3 mg/l yes consist onsite SELET Copper 2017 Round 1 30 N/A <7				Boron		2,000			ug/I	yes	
onsite SELET Copper 2017 Round 1 30 N/A <7 ug/l yes onsite SELET Iron 2017 Round 1 1,000 N/A <20	SW7					5					
onsite SELECT Iron 2017 Round 1 1,000 N/A -200 w/l w/s w/s onsite SELECT Laad 2017 Round 1 10 N/A -5 ug/l w/s - onsite SELECT Magnesium 2017 Round 1 10 N/A -5 ug/l w/s - onsite SELECT Magnesium 2017 Round 1 300 N/A -51 ug/l w/s - onsite SELECT Magnesium 2017 Round 1 1 N/A -1 ug/l w/s - onsite SELECT Mickel 2017 Round 1 - N/A 1.9 mg/l w/s - onsite SELECT Notant 2017 Round 1 - N/A 1.86 mg/l w/s - - N/A 1.86 mg/l w/s - - - N/A 1.86 mg/l w/s - - - - <	SW7					-					
orsite SELECT Lead 2017 Round 1 100 N/A	SW7										
onsite SELET Magnessum 2017 Round 1 - N/A 9.6 mg/l yes 1 onsite SELET Mangnesse 2017 Round 1 300 N/A 51 yeg/l yes - onsite SELET Mercury 2017 Round 1 1 N/A <1	SW7	0.10110									
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	SW7					10					
orsite SELECT Mercury 2017 Round 1 1 N/A -1 ug/l yes onsite SELECT Nickel 2017 Round 1 50 N/A -2 ug/l yes onsite SELECT Potasium 2017 Round 1 - N/A 1.9 mg/l yes onsite SELECT Potasium 2017 Round 1 - N/A 1.86 mg/l yes onsite SELECT Solum 2017 Round 1 - N/A 1.86 mg/l yes onsite SELECT Dissolved Phosphorus 2017 Round 1 0 N/A 4 ug/l yes onsite SELECT Dissolved Phosphorus 2017 Round 1 30 N/A 4.15 ug/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 50 N/A 7.3 mg/l yes on	SW7					-					
	SW7			Manganese						yes	
	SW7			Mercury					ug/l	yes	
onsiteSELETPetasuhm2017 Round 1·N/A1.9mg/lyescelestiononsiteSELETSodium2017 Round 1·N/A18.6mg/lyescelestiononsiteSELETZinc2017 Round 1100N/A4.8ug/lyescelestiononsiteSELETDiss/ved Plosphorus2017 Round 1100N/A4.8ug/lyescelestiononsiteSELETDiss/ved Plosphorus2017 Round 130N/A4.1ug/lyescelestiononsiteSELETTotal Chronium2017 Round 130N/A4.1ug/lyescelestiononsiteSELETNitrate (N03)2017 Round 150N/A7.3mg/lyescelestiononsiteSELETNitrate (N03)2017 Round 10N/A4.02mg/lyescelestiononsiteSELETNitrate (N03)2017 Round 10N/A4.02mg/lno (if no pless entr details nomments box)Exceds EQSonsiteSELETAmmoniacal Nitrogen2017 Round 1-N/A4.00mg/lno (if no pless entr details nomments box)Exceds EQSonsiteSELETAmmoniacal Nitrogen2017 Round 1-N/A4.00mg/lmg/lyescelesticsonsiteSELETBDD2017 Round 11.5N/A4.00mg/lmg/lyescelesticsonsiteSEL	SW7	onsite		Nickel		50			ug/l		
onsite SELECT Sodium 2017 Round 1 · N/A 18.6 mg/l yes onsite SELECT Zinc 2017 Round 1 100 N/A 4 yg/l yes onsite SELECT Disslved Phosphorus 2017 Round 1 00 N/A 8 yg/l yes onsite SELECT Total Chronium 2017 Round 1 30 N/A 8.1 yg/l yes onsite SELECT Total Chronium 2017 Round 1 30 N/A 7.3 mg/l yes onsite SELECT Chloride 2017 Round 1 50 N/A 7.3 mg/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 0 N/A 40.02 mg/l neg/l yes onsite SELECT Antimonala Nitrogen 2017 Round 1 0.065 N/A 0.09 mg/l neg/l yes	SW7					-					
	SW7					-					
onsite SELECT Diss/ved Phosphorus 2017 Round 1 N/A 8 ug/l yes onsite SELECT Total Chromium 2017 Round 1 30 N/A 8.1 ug/l yes onsite SELECT Total Chromium 2017 Round 1 30 N/A 23.2 mg/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 50 N/A 7.3 mg/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 0 N/A -0.06 mg/l yes onsite SELECT Othor Phosphate 2017 Round 1 0 N/A -0.06 mg/l no (if no plase methedalis in comments box) Exceeds ECS onsite SELECT Amminical Nitrogen 2017 Round 1 - N/A 340 mg/l yes onsite SELECT BOD 2017 Round 1 - N/A 340 mg/l yes <td< td=""><td>SW7</td><td>onsite</td><td>SELECT</td><td>Zinc</td><td>2017 Round 1</td><td>100</td><td>N/A</td><td>4</td><td></td><td></td><td></td></td<>	SW7	onsite	SELECT	Zinc	2017 Round 1	100	N/A	4			
onsite SELECT Total Knownium 2017 Round 1 30 N/A <1.5 ug/l yes onsite SELECT Chloride 2017 Round 1 250 N/A 23.2 mg/l yes onsite SELECT Nitrate (NQ3) 2017 Round 1 50 N/A 23.2 mg/l yes onsite SELECT Nitrate (NQ2) 2017 Round 1 0 N/A -0.02 mg/l yes onsite SELECT Onthorbosphate 2017 Round 1 0 N/A -0.02 mg/l yes onsite SELECT Ammonical Nitrogen 2017 Round 1 - N/A -0.05 mg/l mo (if no please enter details in comments box) Exceeds EQS onsite SELECT Total Alkalinity 2017 Round 1 - N/A 340 mg/l yes onsite SELECT BOD 2017 Round 1 - N/A 15 mg/l yes <	SW7				2017 Round 1			8			
onsite SELECT Chloride 2017 Round 1 250 N/A 23.2 mg/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 50 N/A 7.3 mg/l yes onsite SELECT Nitrate (NO2) 2017 Round 1 0 N/A 4.002 mg/l yes onsite SELECT Ontho Phosphate 2017 Round 1 - N/A 4.002 mg/l yes onsite SELECT Ontho Phosphate 2017 Round 1 - N/A 4.002 mg/l yes onsite SELECT Ammoniacal Nitrogen 2017 Round 1 - N/A 4.009 mg/l no(ifn oplease enter details in comments box) Exceeds EOS onsite SELECT BOD 2017 Round 1 - N/A 340 mg/l yes onsite SELECT BOD 2017 Round 1 - N/A 15 mg/l yes onsite SEL	SW7		SELECT	Total Chromium	2017 Round 1	30	N/A				
onsite SELECT Nitrate (NQ3) 2017 Round 1 50 N/A 7.3 mg/l yes prime onsite SELECT Nitrate (NQ2) 2017 Round 1 0 N/A 7.3 mg/l yes prime prim prim prime	SW7										
onsite SELECT Nitrik (NO2) 2017 Round 1 0 N/A -0.02 mg/l yes	SW7 SW7								mg/l		
onsite SELECT Ortho Phosphate 2017 Round 1 - N/A <0.06 mg/l yes onsite SELECT Ammoniacal Nitrogen 2017 Round 1 0.055 N/A 0.09 mg/l no (if no please entre dtails in comments box) Exceeds EQS onsite SELECT Total Alkalinity 2017 Round 1 - N/A 340 mg/l no (if no please entre dtails in comments box) Exceeds EQS onsite SELECT Total Alkalinity 2017 Round 1 - N/A 340 mg/l yes onsite SELECT BOD 2017 Round 1 - N/A 410 mg/l yes onsite SELECT COD 2017 Round 1 - N/A 15 mg/l yes onsite SELECT Eletrical Conductivity 2017 Round 1 - N/A 71 mg/l yes onsite SELECT Eletrical Conductivity 2017 Round 1 N/A 807 <	SW7										
onsite SELECT Annonizal Nitrogen 2017 Round 1 0.065 N/A 0.09 mg/l no (if no please enter details in comments box) Exceeds EQS onsite SELECT Total Alkalinity 2017 Round 1 - N/A 240 mg/l yets onsite SELECT BOD 2017 Round 1 1.5 N/A -<1	SW7					-					
onsite SELECT Total Akalinity 2017 Round 1 - N/A 340 mg/l yes onsite SELECT BOD 2017 Round 1 1.5 N/A -1 mg/l yes onsite SELECT COO 2017 Round 1 - N/A 15 mg/l yes onsite SELECT Electrical Conductivity 2017 Round 1 - N/A 15 mg/l yes onsite SELECT Electrical Conductivity 2017 Round 1 - N/A 731 µS/cm yes onsite SELECT PH 2017 Round 1 <0.8 >9.0 N/A 8.07 pH units yes onsite SELECT TOC 2017 Round 1 <	SW7					0.065					Exceeds EOS
onsite SELECT BOD 2017 Round 1 1.5 N/A <1 mg/l yes onsite SELECT COO 2017 Round 1 - N/A 15 mg/l yes onsite SELECT Electrical Conductivity 2017 Round 1 1,000 N/A 731 μS/cm yes onsite SELECT Electrical Conductivity 2017 Round 1 1,000 N/A 731 μS/cm yes onsite SELECT PH 2017 Round 1 <6.0 & >.90 N/A 8.07 pH units yes onsite SELECT TOC 2017 Round 1 N/A <2	SW7 SW7			Total Alkalinity		0.005	N/A				LALCEUS EQ3
onsite SELECT COD 2017 Round 1 · N/A 15 mg/l yes onsite SELECT Electrical Conductivity 2017 Round 1 1,000 N/A 731 μS/cm yes onsite SELECT PH 2017 Round 1 <.008 >9.0 N/A 8.07 pHunits yes onsite SELECT TOC 2017 Round 1 - N/A <2.0	SW7 SW7					15					
onsite SELECT Electrical Conductivity 2017 Round 1 1,000 N/A 731 μS/cm yes onsite SELECT pH 2017 Round 1 <6.0 & >.9.0 N/A 8.07 pH units yes onsite SELECT TOC 2017 Round 1 N/A <2.0	SW7 SW7					1.5					
onsite SELECT pH 2017 Round 1 < 6.0 & >9.0 N/A 8.07 pH units yes onsite SELECT TOC 2017 Round 1 < 6.0 & >9.0 N/A <2	SW7					-					
onsite SELECT TOC 2017 Round 1 N/A <2 mg/l yes onsite SELECT Total Suspended Solids 2017 Round 1 - N/A <10		0.10110				-/					
onsite SELECT Total Suspended Solids 2017 Round 1 - N/A <10 mg/l yes onsite SELECT Sulphate 2017 Round 1 - N/A - mg/l yes	SW7		SELECT		2017 Round 1	< 6.0 & >9.0		8.07			
onsite SELECT Sulphate 2017 Round 1 N/A mg/l yes	SW7										
	SW7					-		<10			
onsite SELECT Dissolved Oxygen 2017 Round 1 - N/A - me/l ves	SW7 SW7		SELECT		2017 Round 1	-		-	mg/l		
		onsite	SELECT	Dissolved Oxygen	2017 Round 1	-	N/A	-	mg/l	yes	

AER Monitori	ng returns su	mmary template-WA	TER/WASTEWATER(SEW	/ER)		Lic No:	W0081-04	١	'ear	2016	5
SW7	onsite	SELECT	SVOCs except	2017 Round 1	-	N/A		μg/I	yes		
SW7	onsite	SELECT	4-Methylphenol	2017 Round 1	-	N/A	-	μg/l	yes		
SW7	onsite	SELECT	Phenol	2017 Round 1	8	N/A	-	μg/l	yes		
SW7	onsite	SELECT	VOC's	2017 Round 1	-	N/A	-	μg/l	yes		
SW7	onsite	SELECT	Total Coliforms	2017 Round 1	-	N/A	-	cfu/100ml	ves		
SW7	onsite	SELECT	E-Coli	2017 Round 1		N/A	-	cfu/100ml	yes		
SW7	onsite	SELECT	Boron	2017 Round 2	2,000	N/A	<12	ug/l	yes		
SW7	onsite	SELECT	Cadmium	2017 Round 2	5	N/A	<0.5	ug/l	ves		
SW7	onsite	SELECT	Calcium	2017 Round 2	-	N/A	81.8	mg/l	yes		
SW7	onsite	SELECT	Copper	2017 Round 2	30	N/A	<7	ug/l	yes		
SW7	onsite	SELECT	Iron	2017 Round 2	1,000	N/A	28	ug/l	yes		
SW7	onsite	SELECT	Lead	2017 Round 2	10	N/A	<5	ug/l	ves		
SW7	onsite	SELECT	Magnesium	2017 Round 2	-	N/A	6.3	mg/l	ves		1
SW7	onsite	SELECT	Manganese	2017 Round 2	300	N/A	40	ug/l	yes		1
SW7	onsite	SELECT	Mercury	2017 Round 2	1	N/A	<1	ug/l	yes		1
SW7	onsite	SELECT	Nickel	2017 Round 2	50	N/A	<2	ug/l	yes		
SW7	onsite	SELECT	Potassium	2017 Round 2	-	N/A	2.2	mg/l	yes		
SW7	onsite	SELECT	Sodium	2017 Round 2	-	N/A	12	mg/l	ves		
SW7	onsite	SELECT	Zinc	2017 Round 2	100	N/A	11	ug/l	ves		
SW7	onsite	SELECT	Dissolved Phosphorus	2017 Round 2		N/A	53	ug/l	yes		
SW7	onsite	SELECT	Total Chromium	2017 Round 2	30	N/A	<1.5	ug/l	ves		
SW7	onsite	SELECT	Chloride	2017 Round 2	250	N/A	15	mg/l	yes		
SW7	onsite	SELECT	Nitrate (NO3)	2017 Round 2	50	N/A	2.2	mg/l	ves		
SW7	onsite	SELECT	Nitrite (NO2)	2017 Round 2	0	N/A	<0.02	mg/l	ves		
SW7	onsite	SELECT	Ortho Phosphate	2017 Round 2	_	N/A	<0.06	mg/l	yes		
SW7	onsite	SELECT	Ammoniacal Nitrogen	2017 Round 2	0.065	N/A	0.21	mg/l	no (if no please enter details in comments box)	Exceeds EQS	
SW7	onsite	SELECT	Total Alkalinity	2017 Round 2	-	N/A	204	mg/l	yes		
SW7	onsite	SELECT	BOD	2017 Round 2	1.5	N/A	1	mg/l	ves		
SW7	onsite	SELECT	COD	2017 Round 2	-	N/A	9	mg/l	ves		1
SW7	onsite	SELECT	Electrical Conductivity	2017 Round 2	1.000	N/A	473	μS/cm	ves		
SW7	onsite	SELECT	pH	2017 Round 2	< 6.0 & >9.0	N/A	7.55	pH units	ves		1
SW7	onsite	SELECT	TOC	2017 Round 2		N/A	<2	mg/l	ves		1
SW7	onsite	SELECT	Total Suspended Solids	2017 Round 2	-	N/A	12	mg/l	yes		1
SW7	onsite	SELECT	Sulphate	2017 Round 2	-	N/A	30	mg/l	ves		
SW7	onsite	SELECT	Dissolved Oxygen	2017 Round 2	-	N/A	7	mg/l	ves		1
SW7	onsite	SELECT	SVOCs except	2017 Round 2	-	N/A	N.D	μg/I	yes		
SW7	onsite	SELECT	4-Methylphenol	2017 Round 2	-	N/A	<1	µg/I	yes		
SW7	onsite	SELECT	Phenol	2017 Round 2	8	N/A	<1	μg/I	ves		
SW7	onsite	SELECT	VOC's	2017 Round 2	-	N/A	N.D	µg/I	ves		
SW7	onsite	SELECT	Total Coliforms	2017 Round 2		N/A	0	cfu/100ml	ves		1
SW7	onsite	SELECT	E-Coli	2017 Round 2	-	N/A	0	cfu/100ml	ves		

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

Table W2 Visual inspections-Please only enter details where contamination was observed.

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

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

3 Was there any result in breach of licence requirements? If yes please provide brief details in the comment section		
of Table W3 below	SELECT	Additional information
Was all monitoring carried out in accordance with EPA		
guidance and checklists for Quality of Aqueous Monitoring		
Data Reported to the EPA? If no please detail what areas External /Internal Lab Quality Assessment of		
4 require improvement in additional information box checklist results checklist	SELECT	

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

	Emission released to	Parameter/ SubstanceNote 1		Frequency of monitoring	Averaging period	ELV or trigger values in licence or any revision therof ^{Note 2}	Licence Compliance criteria	Measured value	Unit of measurement	Compliant with licence	Method of analysis	Procedural	Procedural reference standard number	Annual mass load (kg)	Comments
	SELECT	SELECT	SELECT		SELECT		SELECT		SELECT	SELECT	SELECT	SELECT			
Note 1: Volumetri	te 1: Volumetric flow shall be included as a reportable parameter														

AER Monitoring returns summary template-WATER/WASTEWATER(SEWER)	Li	c No:	W0081-04	Year	2016
Continuous monitoring 5 Does your site carry out continuous emissions to water/sewer monitoring?	SELECT		Additional Information]	
If yes please summarise your continuous monitoring data below in Table W4 and compare it to its relevant Emission Limit Value (ELV)					
6 Did continuous monitoring equipment experience downtime? If yes please record downtime in table W4 below	SELECT]	

SELECT

SELECT

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

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

Table W4: Summary of average emissions -continuous monitoring

								% change +/- from previous reporting		Number of ELV	
Emission	Emission		ELV or trigger values in		Compliance	Units of	Annual Emission for current	year		exceedences in	
reference no:	released to	Parameter/ Substance	licence or any revision thereof	Averaging Period	Criteria	measurement	reporting year (kg)		Monitoring Equipment 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)	Location	Resultant emissions	Reason for bypass	Corrective	Was a report	When was this report submitted?
					action*	submitted to the	
						EPA?	
						SELECT	

*Measures taken or proposed to reduce or limit bypass frequency

Bund/Pipeline tes	ting template				Lic No:	W0081-04		Year	201	6				
Bund testing	Т	dropdown menu cli	ck to see options				Additional information							
Are you required by you and containment struct	tures on site, in addition	ntegrity testing on bunds and con to all bunds which failed the inte ds outside the licenced testing pe	tainment structures ? if yes grity test- all bunding struct u	res which failed including			Kiliculien Landfiil Ltd have engaged Golder and associates to undertake tank, bund and pipe line testing scheduled for April 2017, the finalised report will be on file and available for inspection.							
3 "Chemstore" type units 4 How many bunds are o 5 How many of these bur 6 How many mobile bund 7 Are the mobile bunds in 8 How many of these mo 9 How many of these sun 10 How many of these sun	a register of bunds, unde s and mobile bunds) n site? nds have been tested wit! ds are on site? ndluded in the bund test bille bunds have been tes te are included in the int mps are integrity tested w tegrity failures in table B	rground pipelines (including stor hin the required test schedule? schedule? ted within the required test sche egrity test schedule? ifthin the test schedule?		mps and containers? (cont	ainers refers to	Yes SELECT SELECT SELECT SELECT SELECT								
		I in a maintenance and testing pro ur integrity test programme?	ogramme?			SELECT SELECT		-						
Table	e B1: Summary details of	bund /containment structure int	egrity test	1				-						
	Type SELECT	Specify Other type	Product containment	Actual capacity	Capacity required*	Type of integrity test SELECT	Other test type	Test date	Integrity reports maintained on site? SELECT	Results of test	Integrity test failure explanation <50 words	Corrective action taken	Scheduled date for retest	Results of retest(if in current reporting year
	SELECT					SELECT			SELECT	SELECT		SELECT		
Has integrity testing be 15 in line with BS8007/EPJ 16 Are channels/transfer s 17 Are channels/transfer : Pipeline/undergrou	A Guidance? systems to remote contain systems compliant in bot und structure testing	ince with licence requirements an		bunding and storage guide		SELECT SELECT SELECT	Commentary]						
1 all underground structu 2 Please provide integrity *please note integrity t	ures and pipelines on site y testing frequency period testing means water tight	which failed the integrity test and d tness testing for process and foul	nd all which have not been to pipelines (as required under	ested withing the integrity		SELECT SELECT								
Table	B2: Summary details of p	ipeline/underground structures in	ntegrity test									1		
				Type of secondary containment				Integrity test						

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

oundwater/Soil mo	Distring template Lic No:	W0081-04		Year 2016
			Comments	
1	Are you required to carry out groundwater monitoring as part of your licence requirements?	yes		
2	vre you required to carry out soil monitoring as part of your licence requirements	no		During 2016, two (2 No.) private groundwater well samples were collected and analysed. This sampling event took place in December 2016. The result of the analysis were reported in the Q-4 quarterly report. All residents received copies of the results from their respective wells. All the parameter were lower that the IGV or GTV. Groundwater quality in the private wells was good and consistent with previous rounds.
3	Do you extract groundwater for use on site? If yes please specify use in comment section	no		Groundwater quality was monitored in the on-site monitoring wells and reported to the Agency at quarterly intervals. The sampling was carried out in accordance with internationally accepted techniques and control procedures and the analyses were completed by a laboratory using standard and internationally accepted procedures
4	Do monitoring results show that groundwater generic assessment criteria such as GTVs or IGVs are exceeded or is there an upward trend in results for a substance? If yes, please complete the Groundwater Monitoring Guideline Template Report (link in cell G8) and submit separately through ALDER as a licensee return AND answer questions 5-12 below.	no		The results from the on-site monitoring wells are consistent with previous
5	Is the contamination related to operations at the facility (either current and/or historic)	yes		results. The groundwater quality at the facility is influenced by an ongoing groundwater contamination plume emanating from the adjacent partially
6	Have actions been taken to address contamination issues?If yes please summarise remediation strategies proposed/undertaken for the site	yes		lined Silliot Hill landfill.
7	Please specify the proposed time frame for the remediation strategy	N/A		
8	Is there a licence condition to carry out/update ELRA for the site?	yes		The quality of the water in both private wells is generally good and shows n
9	Has any type of risk assesment been carried out for the site?	yes		impacts associated with the landfill facility.
10	Has a Conceptual Site Model been developed for the site?	yes		Please enter interpretation of data here.
11	Have potential receptors been identified on and off site?	yes		
12	Is there evidence that contamination is migrating offsite?	no		

Jpgradient 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
2016	BH-11D	Dissolved Arsenic	ICP-OES	Quarterly	<2.5	<2.5	μg/I	7.5	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Barium	ICP-OES	Quarterly	53	48.75	μg/I	-	SELECT**	No obviuos trend evident

/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	BH-11D	Dissolved Boron	ICP-OES	Quarterly	15	15	μg/I	750	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/I	5	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Calcium	ICP-OES	Quarterly	136.3	131.025	mg/l	200	SELECT**	No obviuos trend evident
2016	BH-11D	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident
2016	BH-11D	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/l	18.75	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Magnesium	ICP-OES	Quarterly	17.3	16.475	mg/l	50	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Manganese	ICP-OES	Quarterly	<2	<2	μg/I	0.05	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Mercury	ICP-OES	Quarterly	<0.01	<0.01	μg/I	1	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/l	15	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Potassium	ICP-OES	Quarterly	0.9	0.85	mg/l	5	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Sodium	ICP-OES	Quarterly	8.3	7.675	mg/l	150	SELECT**	No obviuos trend evident
2016	BH-11D	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/I	0.1	IGV	No obviuos trend evident
2016	BH-11D	Dissolved Phosphorus	ICP-OES	Quarterly	91	50.975	μg/I	-	SELECT**	No obviuos trend evident
2016	BH-11D	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	BH-11D	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident
2016	BH-11D	Sulphate	SIA-TAPAA	Quarterly	11.1	10.27	mg/l	187.5	SELECT**	No obviuos trend evident
2016	BH-11D	Chloride	SIA-TAPAA	Quarterly	11.3	10.75	mg/l	187.5	SELECT**	No obviuos trend evident
2016	BH-11D	Nitrate as NO3	SIA-TAPAA	Quarterly	18.4	14.85	mg/l	37.5	SELECT**	No obviuos trend evident
2016	BH-11D	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident
2016	BH-11D	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	BH-11D	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.07	0.05	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	BH-11D	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	390	375	mg/l	NAC	IGV	No obviuos trend evident

Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	BH-11D	DO	Hach HQ30D Oxygen Meter	Quarterly	10	9.25	mg/l	-	SELECT**	No obviuos trend evident
2016	BH-11D	Electrical Conductivity	Field Probe	Quarterly	742	714.25	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	BH-11D	тос	TOC analyser	Quarterly	3	2.5	mg/l	NAC	IGV	No obviuos trend evident
2016	BH-11D	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	BH-11D	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	BH-11D	Pesticides MS	Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	BH-11D	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	BH-11D	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Arsenic	ICP-OES	Quarterly	111.7	73.8	μg/I	7.5	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Barium	ICP-OES	Quarterly	551	512.66666667	μg/I	-	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Boron	ICP-OES	Quarterly	903	872	μg/I	750	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/I	5	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Calcium	ICP-OES	Quarterly	86.7	76.9	mg/l	200	SELECT**	No obviuos trend evident
2016	KTK-16	Total Dissolved Chromium	ICP-OES	Quarterly	4.1	3.8	μg/I	37.5	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident
2016	KTK-16	Total Dissolved Iron	ICP-OES	Quarterly	7227	4271	μg/I	50	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Magnesium	ICP-OES	Quarterly	26.1	24.3	mg/l	50	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Manganese	ICP-OES	Quarterly	136	95.66666667	μg/I	0.05	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Mercury	ICP-OES	Quarterly	0.01	0.01	μg/I	1	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Nickel	ICP-OES	Quarterly	78	77	μg/I	15	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Potassium	ICP-OES	Quarterly	94.8	92.93333333	mg/l	5	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Sodium	ICP-OES	Quarterly	288.6	282.15	mg/l	150	SELECT**	No obviuos trend evident
2016	KTK-16	Dissolved Zinc	ICP-OES	Quarterly	9	7.5	μg/I	0.1	IGV	No obviuos trend evident
2016	KTK-16	Dissolved Phosphorus	ICP-OES	Quarterly	927.5	374.9	μg/I	-	SELECT**	No obviuos trend evident
2016	KTK-16	Total Phenols	HPLC	Quarterly	0	#DIV/0!	mg/l	500	IGV	No obviuos trend evident
2016	KTK-16	Fluoride	Dionex (Ion- Chromatography).	Quarterly	0	#DIV/0!	mg/l	1	IGV	No obviuos trend evident

oundwater/Soil mo	nitoring templa	ate			Lic No:	W0081-04		Year	2016		
2016		Sulphate	SIA-TAPAA	Quarterly	1.34	0.87	mg/l	187.5	SELECT**	No obviuos trend	
2016	V1V-10	Sulphate	JIA-TAPAA	Quarteriy	1.34	0.87	ing/i	10/.3	SELECT	evident	
2016	KTK-16	Chloride	SIA-TAPAA	Quarterly	260.1	255.7666667	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	KTK-16	Nitrate as NO3	SIA-TAPAA	Quarterly	21.2	10.9	mg/l	37.5	SELECT**	No obviuos trend evident	
2016	KTK-16	Nitrite as NO2	SIA-TAPAA	Quarterly	0.12	0.083333333	mg/l	0.375	SELECT**	No obviuos trend evident	
2016	KTK-16	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident	
2016	КТК-16	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	198.61	189.3733333	mg/l	0.065-0.175	SELECT**	No obviuos trend evident	
2016	KTK-16	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	1316	1123.333333	mg/l	NAC	IGV	No obviuos trend evident	
2016	KTK-16	DO	Hach HQ30D Oxygen Meter	Quarterly	7	6.333333333	mg/l	-	SELECT**	No obviuos trend evident	
2016	KTK-16	Electrical Conductivity	Field Probe	Quarterly	3005	2958.333333	μS/cm	800-1,875	SELECT**	No obviuos trend evident	
2016	KTK-16	тос	TOC analyser	Quarterly	42	40	mg/l	NAC	IGV	No obviuos trend evident	
2016	KTK-16	VOCs (TICs)	Headspace GC- MS	Quarterly	-	-	μg/I		SELECT**	No obviuos trend evident	
2016	KTK-16	Semi - VOCs	GC-MS	Quarterly	-	-	μg/I		SELECT**	No obviuos trend evident	
2016	KTK-16	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	-	-	μg/I		SELECT**	No obviuos trend evident	
2016	KTK-16	Total Coliform	Membrane Filtration	Quarterly	-	-	cfu/100ml		SELECT**	No obviuos trend evident	
2016	KTK-16	E-Coli	Membrane Filtration	Quarterly	-	-	cfu/100ml		SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Arsenic	ICP-OES	Quarterly	5.9	5.9		7.5	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Barium	ICP-OES	Quarterly	176	170		-	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Boron	ICP-OES	Quarterly	67	60.33333333		750	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5		5	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Calcium	ICP-OES	Quarterly	275.6	272.6666667		200	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5		37.5	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Copper	ICP-OES	Quarterly	<7	<7		1500	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20		50	IGV	No obviuos trend evident	
2016	KTK-15 D	Dissolved Lead	ICP-OES	Quarterly	<5	<5		18.75	SELECT**	No obviuos trend evident	
2016	KTK-15 D	Dissolved Magnesium	ICP-OES	Quarterly	31.5	30.16666667		50	IGV	No obviuos trend evident	
2016	KTK-15 D	Dissolved Manganese	ICP-OES	Quarterly	420	320.3333333		0.05	IGV	No obviuos trend evident	

r/Soil monit	oring templa	ate			Lic No:	W0081-04	 Year	2016	
2016	KTK-15 D	Dissolved Mercury	ICP-OES	Quarterly	0.06	0.06	1	IGV	No obviuos trend evident
2016	KTK-15 D	Dissolved Nickel	ICP-OES	Quarterly	8	6.333333333	15	SELECT**	No obviuos trend evident
2016	KTK-15 D	Dissolved Potassium	ICP-OES	Quarterly	36.9	34	5	IGV	No obviuos trend evident
2016	KTK-15 D	Dissolved Sodium	ICP-OES	Quarterly	20.5	18.86666667	150	SELECT**	No obviuos trend evident
2016	KTK-15 D	Dissolved Zinc	ICP-OES	Quarterly	64	49.33333333	0.1	IGV	No obviuos trend evident
2016	KTK-15 D	Dissolved Phosphorus	ICP-OES	Quarterly	838	305.0666667	-	SELECT**	No obviuos trend evident
2016	KTK-15 D	Total Phenols	HPLC	Quarterly	<0.1	<0.1	500	IGV	No obviuos trend evident
2016	КТК-15 D	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	1	IGV	No obviuos trend evident
2016	KTK-15 D	Sulphate	SIA-TAPAA	Quarterly	101.51	97.77333333	187.5	SELECT**	No obviuos trend evident
2016	KTK-15 D	Chloride	SIA-TAPAA	Quarterly	45.9	36.76666667	187.5	SELECT**	No obviuos trend evident
2016	KTK-15 D	Nitrate as NO3	SIA-TAPAA	Quarterly	45.1	37.63333333	37.5	SELECT**	No obviuos trend evident
2016	KTK-15 D	Nitrite as NO2	SIA-TAPAA	Quarterly	0.13	0.12	0.375	SELECT**	No obviuos trend evident
2016	KTK-15 D	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	-	SELECT**	No obviuos trend evident
2016	KTK-15 D	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.13	0.0966666667	0.065-0.175	SELECT**	No obviuos trend evident
2016	KTK-15 D	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	836	715.3333333	NAC	IGV	No obviuos trend evident
2016	KTK-15 D	DO	Hach HQ30D Oxygen Meter	Quarterly	8	7	-	SELECT**	No obviuos trend evident
2016	KTK-15 D	Electrical Conductivity	Field Probe	Quarterly	1448	1403.666667	800-1,875	SELECT**	No obviuos trend evident
2016	KTK-15 D	тос	TOC analyser	Quarterly	12	10	NAC	IGV	No obviuos trend evident
2016	KTK-15 D	VOCs (TICs)	Headspace GC- MS	Quarterly	-	-		SELECT**	No obviuos trend evident
2016	KTK-15 D	Semi - VOCs	GC-MS	Quarterly	-	-		SELECT**	No obviuos trend evident
2016	KTK-15 D	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	-	-		SELECT**	No obviuos trend evident
2016	KTK-15 D	Total Coliform	Membrane Filtration	Quarterly	-	-		SELECT**	No obviuos trend evident
2016	KTK-15 D	E-Coli	Membrane Filtration	Quarterly	-	-		SELECT**	No obviuos trend evident
ige indicates	arithmetic n	nean							No obviuos trend evident
concentratio	on from all m	onitoring result	s produced during	the reporting	year				No obviuos trend evident
nt Groundw	ater monito	ring results							No obviuos trend evident

undwater/	Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016		
	Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit	GTV's*	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Arsenic	ICP-OES	Quarterly	2.8	2.8	μg/l	7.5	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Barium	ICP-OES	Quarterly	40	32.25	μg/I	-	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Boron	ICP-OES	Quarterly	20	17	μg/I	750	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/l	5	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Calcium	ICP-OES	Quarterly	126.5	116.9	mg/l	200	SELECT**	No obviuos trend evident	
	2016	97-4	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	µg/I	37.5	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident	
	2016	97-4	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Magnesium	ICP-OES	Quarterly	7.2	6.325	mg/l	50	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Manganese	ICP-OES	Quarterly	37	22	μg/I	0.05	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Mercury	ICP-OES	Quarterly	<0.01	<0.01	μg/I	1	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/I	15	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Potassium	ICP-OES	Quarterly	0.3	0.2	mg/l	5	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Sodium	ICP-OES	Quarterly	3.2	2.4	mg/l	150	SELECT**	No obviuos trend evident	
	2016	97-4	Dissolved Zinc	ICP-OES	Quarterly	8	6	μg/I	0.1	IGV	No obviuos trend evident	
	2016	97-4	Dissolved Phosphorus	ICP-OES	Quarterly	48.3	35.325	μg/I	-	SELECT**	No obviuos trend evident	
	2016	97-4	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident	
	2016	97-4	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident	
	2016	97-4	Sulphate	SIA-TAPAA	Quarterly	4.4	3.5775	mg/l	187.5	SELECT**	No obviuos trend evident	
	2016	97-4	Chloride	SIA-TAPAA	Quarterly	2	1.75	mg/l	187.5	SELECT**	No obviuos trend evident	
	2016	97-4	Nitrate as NO3	SIA-TAPAA	Quarterly	2.7	1.35	mg/l	37.5	SELECT**	No obviuos trend evident	
	2016	97-4	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident	
	2016	97-4	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident	
	2016	97-4	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.33	0.1466666667	mg/l	0.065-0.175	SELECT**	No obviuos trend evident	

Soil monitoring temp	late			Lic No:	W0081-04		Year	2016	
2016 97-4	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	356	319	mg/l	NAC	IGV	No obviuos trend evident
2016 97-4	DO	Hach HQ30D Oxygen Meter	Quarterly	9	6.5	mg/l	-	SELECT**	No obviuos trend evident
2016 97-4	Electrical Conductivity	Field Probe	Quarterly	641	584.25	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016 97-4	тос	TOC analyser	Quarterly	3	3	mg/l	NAC	IGV	No obviuos trend evident
2016 97-4	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016 97-4	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016 97-4	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016 97-4	Total Coliform	Membrane Filtration	Quarterly	>100	>100	cfu/100ml		SELECT**	No obviuos trend evident
2016 97-4	E-Coli	Membrane Filtration	Quarterly	>100	>100	cfu/100ml		SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Arsenic	ICP-OES	Quarterly	3.5	3.5	μg/I	7.5	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Barium	ICP-OES	Quarterly	140	111.75	μg/I	-	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Boron	ICP-OES	Quarterly	149	99.25	μg/I	750	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/I	5	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Calcium	ICP-OES	Quarterly	149.3	146.475	mg/l	200	SELECT**	No obviuos trend evident
2016 97-5D	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident
2016 97-5D	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident
2016 97-5D	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Magnesium	ICP-OES	Quarterly	18.3	17.475	mg/l	50	IGV	No obviuos trend evident
2016 97-5D	Dissolved Manganese	ICP-OES	Quarterly	11	8.5	μg/I	0.05	IGV	No obviuos trend evident
2016 97-5D	Dissolved Mercury	ICP-OES	Quarterly	0.01	0.01	μg/I	1	IGV	No obviuos trend evident
2016 97-5D	Dissolved Nickel	ICP-OES	Quarterly	5	4.5	μg/I	15	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Potassium	ICP-OES	Quarterly	5.1	3.525	mg/l	5	IGV	No obviuos trend evident
2016 97-5D	Dissolved Sodium	ICP-OES	Quarterly	59.6	44.4	mg/l	150	SELECT**	No obviuos trend evident
2016 97-5D	Dissolved Zinc	ICP-OES	Quarterly	6	6	μg/I	0.1	IGV	No obviuos trend evident
2016 97-5D	Dissolved Phosphorus	ICP-OES	Quarterly	54.2	34.25	μg/I	-	SELECT**	No obviuos trend evident

/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	97-5D	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	97-5D	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident
2016	97-5D	Sulphate	SIA-TAPAA	Quarterly	39.3	25.9925	mg/l	187.5	SELECT**	No obviuos trend evident
2016	97-5D	Chloride	SIA-TAPAA	Quarterly	69.4	53.5	mg/l	187.5	SELECT**	No obviuos trend evident
2016	97-5D	Nitrate as NO3	SIA-TAPAA	Quarterly	11.6	8.85	mg/l	37.5	SELECT**	No obviuos trend evident
2016	97-5D	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident
2016	97-5D	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	97-5D	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	4.64	2.435	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	97-5D	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	484	446	mg/l	NAC	IGV	No obviuos trend evident
2016	97-5D	DO	Hach HQ30D Oxygen Meter	Quarterly	6	5.75	mg/l	-	SELECT**	No obviuos trend evident
2016	97-5D	Electrical Conductivity	Field Probe	Quarterly	1094	995.5	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	97-5D	тос	TOC analyser	Quarterly	8	8	mg/l	NAC	IGV	No obviuos trend evident
2016	97-5D	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	97-5D	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	97-5D	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	97-5D	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	97-5D	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	97-6	Dissolved Arsenic	ICP-OES	Quarterly	<2.5	<2.5	μg/I	7.5	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Barium	ICP-OES	Quarterly	105	100.25	μg/I	-	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Boron	ICP-OES	Quarterly	67	50.25	μg/I	750	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/I	5	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Calcium	ICP-OES	Quarterly	146.7	142.3	mg/l	200	SELECT**	No obviuos trend evident
2016	97-6	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident
2016	97-6	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident

ater/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	97-6	Dissolved	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend
2016	97-6	Lead Dissolved	ICP-OES	Quarterly	17.8	17.15	mg/l	50	IGV	evident No obviuos trend
	97-6	Magnesium Dissolved							IGV	evident No obviuos trend
2016		Manganese Dissolved	ICP-OES	Quarterly	<2	<2	μg/l	0.05		evident No obviuos trend
2016	97-6	Mercury Dissolved	ICP-OES	Quarterly	0.02	0.02	μg/I	1	IGV	evident No obviuos trend
2016	97-6	Nickel	ICP-OES	Quarterly	<2	<2	μg/l	15	SELECT**	evident
2016	97-6	Dissolved Potassium	ICP-OES	Quarterly	1.8	1.625	mg/l	5	IGV	No obviuos trend evident
2016	97-6	Dissolved Sodium	ICP-OES	Quarterly	29.6	21.85	mg/l	150	SELECT**	No obviuos trend evident
2016	97-6	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/I	0.1	IGV	No obviuos trend evident
2016	97-6	Dissolved Phosphorus	ICP-OES	Quarterly	51	39.15	μg/I	-	SELECT**	No obviuos trend evident
2016	97-6	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	97-6	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident
2016	97-6	Sulphate	SIA-TAPAA	Quarterly	21.5	19.9575	mg/l	187.5	SELECT**	No obviuos trend evident
2016	97-6	Chloride	SIA-TAPAA	Quarterly	38	31.2	mg/l	187.5	SELECT**	No obviuos trend evident
2016	97-6	Nitrate as NO3	SIA-TAPAA	Quarterly	14	12.125	mg/l	37.5	SELECT**	No obviuos trend evident
2016	97-6	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident
2016	97-6	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	97-6	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.38	0.335	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	97-6	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	428	407	mg/l	NAC	IGV	No obviuos trend evident
2016	97-6	DO	Hach HQ30D Oxygen Meter	Quarterly	9	6.5	mg/l	-	SELECT**	No obviuos trend evident
2016	97-6	Electrical Conductivity	Field Probe	Quarterly	883	854	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	97-6	тос	TOC analyser	Quarterly	2	2	mg/l	NAC	IGV	No obviuos trend evident
2016	97-6	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	97-6	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	97-6	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	97-6	Total Coliform	Membrane Filtration	Quarterly	40	40	cfu/100ml		SELECT**	No obviuos trend evident
2016	97-6	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident

ater/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016		
2016	97-7	Dissolved Arsenic	ICP-OES	Quarterly	3.2	3.2	μg/l	7.5	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Barium	ICP-OES	Quarterly	85	79.75	μg/I	-	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Boron	ICP-OES	Quarterly	19	18.66666667	μg/I	750	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/l	5	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Calcium	ICP-OES	Quarterly	159	152.1	mg/l	200	SELECT**	No obviuos trend evident	
2016	97-7	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident	
2016	97-7	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident	
2016	97-7	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/l	18.75	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Magnesium	ICP-OES	Quarterly	20.1	18.825	mg/l	50	IGV	No obviuos trend evident	
2016	97-7	Dissolved Manganese	ICP-OES	Quarterly	<2	<2	μg/l	0.05	IGV	No obviuos trend evident	
2016	97-7	Dissolved Mercury	ICP-OES	Quarterly	0.01	0.01	μg/I	1	IGV	No obviuos trend evident	
2016	97-7	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/l	15	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Potassium	ICP-OES	Quarterly	0.6	0.6	mg/l	5	IGV	No obviuos trend evident	
2016	97-7	Dissolved Sodium	ICP-OES	Quarterly	11.7	10.85	mg/l	150	SELECT**	No obviuos trend evident	
2016	97-7	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/l	0.1	IGV	No obviuos trend evident	
2016	97-7	Dissolved Phosphorus	ICP-OES	Quarterly	35.1	27.05	μg/I	-	SELECT**	No obviuos trend evident	
2016	97-7	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident	
2016	97-7	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident	
2016	97-7	Sulphate	SIA-TAPAA	Quarterly	22.22	19.2625	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	97-7	Chloride	SIA-TAPAA	Quarterly	18.8	17.45	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	97-7	Nitrate as NO3	SIA-TAPAA	Quarterly	20.4	15.8	mg/l	37.5	SELECT**	No obviuos trend evident	
2016	97-7	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident	
2016	97-7	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident	
2016	97-7	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.44	0.26	mg/l	0.065-0.175	SELECT**	No obviuos trend evident	
2016	97-7	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	440	428.5	mg/l	NAC	IGV	No obviuos trend evident	

Soil monit	oring templ	ate	1		Lic No:	W0081-04		Year	2016	
2016	97-7	DO	Hach HQ30D Oxygen Meter	Quarterly	8	5.75	mg/l	-	SELECT**	No obviuos trend evident
2016	97-7	Electrical Conductivity	Field Probe	Quarterly	864	851.5	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	97-7	тос	TOC analyser	Quarterly	6	6	mg/l	NAC	IGV	No obviuos trend evident
2016	97-7	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	µg/I		SELECT**	No obviuos trend evident
2016	97-7	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	97-7	Pesticides MS	Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	97-7	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	97-7	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Arsenic	ICP-OES	Quarterly	<2.5	<2.5	µg/I	7.5	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Barium	ICP-OES	Quarterly	67	54	μg/I	-	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Boron	ICP-OES	Quarterly	14	13.33333333	µg/I	750	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/l	5	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Calcium	ICP-OES	Quarterly	131	118.425	mg/l	200	SELECT**	No obviuos trend evident
2016	КТК-10	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/l	37.5	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/l	1500	SELECT**	No obviuos trend evident
2016	KTK-10	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/l	50	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/l	18.75	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Magnesium	ICP-OES	Quarterly	14	12.425	mg/l	50	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Manganese	ICP-OES	Quarterly	<2	<2	μg/l	0.05	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Mercury	ICP-OES	Quarterly	<0.01	<0.01	μg/l	1	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/l	15	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Potassium	ICP-OES	Quarterly	0.3	0.225	mg/l	5	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Sodium	ICP-OES	Quarterly	18	16.475	mg/l	150	SELECT**	No obviuos trend evident
2016	KTK-10	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/l	0.1	IGV	No obviuos trend evident
2016	KTK-10	Dissolved Phosphorus	ICP-OES	Quarterly	43.5	34.575	μg/l	-	SELECT**	No obviuos trend evident
2016	KTK-10	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	KTK-10	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident

r/Soil moni	toring templa	ate			Lic No:	W0081-04		Year	2016	
2016	KTK-10	Sulphate	SIA-TAPAA	Quarterly	68.9	43.8925	mg/l	187.5	SELECT**	No obviuos trend
2010	КТК-10	Chloride	SIA-TAPAA	Quarterly	24.5	23.425	mg/l	187.5	SELECT**	evident No obviuos trend
2016	KTK-10	Nitrate as NO3	SIA-TAPAA	Quarterly	20.4	12.875	mg/l	37.5	SELECT**	evident No obviuos trend
2016	KTK-10	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	evident No obviuos trend evident
2016	KTK-10	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	KTK-10	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.08	0.08	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	КТК-10	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	316	305.5	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-10	DO	Hach HQ30D Oxygen Meter	Quarterly	10	9	mg/l	-	SELECT**	No obviuos trend evident
2016	КТК-10	Electrical Conductivity	Field Probe	Quarterly	795	694.25	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	KTK-10	тос	TOC analyser	Quarterly	<2	<2	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-10	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-10	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	КТК-10	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-10	Total Coliform	Membrane Filtration	Quarterly	18	18	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-10	E-Coli	Membrane Filtration	Quarterly	1	1	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Arsenic	ICP-OES	Quarterly	7	5.05	μg/l	7.5	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Barium	ICP-OES	Quarterly	122	107.25	μg/I	-	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Boron	ICP-OES	Quarterly	159	125.5	μg/I	750	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Cadmium	ICP-OES	Quarterly	0.6	0.6	μg/I	5	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Calcium	ICP-OES	Quarterly	157.8	154.1	mg/l	200	SELECT**	No obviuos trend evident
2016	KTK-11	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/l	1500	SELECT**	No obviuos trend evident
2016	KTK-11	Total Dissolved Iron	ICP-OES	Quarterly	<20	<20	μg/I	50	IGV	No obviuos trend evident
2016	KTK-11	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Magnesium	ICP-OES	Quarterly	15.9	13.75	mg/l	50	IGV	No obviuos trend evident
2016	KTK-11	Dissolved Manganese	ICP-OES	Quarterly	1246	1058.25	μg/l	0.05	IGV	No obviuos trend evident

r/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	KTK-11	Dissolved Mercury	ICP-OES	Quarterly	0.07	0.04	μg/I	1	IGV	No obviuos trend evident
2016	KTK-11	Dissolved Nickel	ICP-OES	Quarterly	9	7.75	μg/I	15	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Potassium	ICP-OES	Quarterly	6.8	6	mg/l	5	IGV	No obviuos trend evident
2016	KTK-11	Dissolved Sodium	ICP-OES	Quarterly	60.4	46.15	mg/l	150	SELECT**	No obviuos trend evident
2016	KTK-11	Dissolved Zinc	ICP-OES	Quarterly	6	4.333333333	μg/I	0.1	IGV	No obviuos trend evident
2016	KTK-11	Dissolved Phosphorus	ICP-OES	Quarterly	68.6	44.225	μg/I	-	SELECT**	No obviuos trend evident
2016	KTK-11	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	KTK-11	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident
2016	KTK-11	Sulphate	SIA-TAPAA	Quarterly	92.1	57.185	mg/l	187.5	SELECT**	No obviuos trend evident
2016	KTK-11	Chloride	SIA-TAPAA	Quarterly	70.3	54.675	mg/l	187.5	SELECT**	No obviuos trend evident
2016	KTK-11	Nitrate as NO3	SIA-TAPAA	Quarterly	1.5	0.7666666667	mg/l	37.5	SELECT**	No obviuos trend evident
2016	KTK-11	Nitrite as NO2	SIA-TAPAA	Quarterly	0.03	0.03	mg/l	0.375	SELECT**	No obviuos trend evident
2016	KTK-11	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	KTK-11	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	6.97	4.385	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	KTK-11	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	460	445	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-11	DO	Hach HQ30D Oxygen Meter	Quarterly	8	6.75	mg/l	-	SELECT**	No obviuos trend evident
2016	KTK-11	Electrical Conductivity	Field Probe	Quarterly	1088	1020	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	KTK-11	тос	TOC analyser	Quarterly	5	4.5	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-11	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-11	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	KTK-11	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-11	Total Coliform	Membrane Filtration	Quarterly	10	10	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-11	E-Coli	Membrane Filtration	Quarterly	2	2	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-19	Dissolved Arsenic	ICP-OES	Quarterly	2.8	2.8	μg/I	7.5	SELECT**	No obviuos trend evident
2016	KTK-19	Dissolved Barium	ICP-OES	Quarterly	165	152.75	μg/l	-	SELECT**	No obviuos trend evident
2016	КТК-19	Dissolved Boron	ICP-OES	Quarterly	28	26.75	μg/I	750	SELECT**	No obviuos trend evident

oundwater/Soil monitor	ring templa	ite			Lic No:	W0081-04		Year	2016		
2016	KTK-19	Dissolved	ICP-OES	Quarterly	<0.5	<0.5	μg/l	5	SELECT**	No obviuos trend	
2016	KTK-19	Cadmium Dissolved Calcium	ICP-OES	Quarterly	95.3	91.2	mg/l	200	SELECT**	evident No obviuos trend evident	
2016	KTK-19	Total Dissolved	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident	
2016	KTK-19	Chromium Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/l	1500	SELECT**	No obviuos trend evident	
2016	KTK-19	Total Dissolved Iron	ICP-OES	Quarterly	46	43.5	μg/I	50	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/I	18.75	SELECT**	No obviuos trend evident	
2016	KTK-19	Dissolved Magnesium	ICP-OES	Quarterly	23.1	21.85	mg/l	50	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Manganese	ICP-OES	Quarterly	672	629.75	μg/I	0.05	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Mercury	ICP-OES	Quarterly	<0.01	<0.01	μg/I	1	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/I	15	SELECT**	No obviuos trend evident	
2016	KTK-19	Dissolved Potassium	ICP-OES	Quarterly	1.3	1.275	mg/l	5	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Sodium	ICP-OES	Quarterly	12.8	12.175	mg/l	150	SELECT**	No obviuos trend evident	
2016	KTK-19	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/I	0.1	IGV	No obviuos trend evident	
2016	KTK-19	Dissolved Phosphorus	ICP-OES	Quarterly	118.1	67.825	μg/I	-	SELECT**	No obviuos trend evident	
2016	KTK-19	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident	
2016	KTK-19	Fluoride	Dionex (Ion- Chromatography).	Quarterly	0.4	0.35	mg/l	1	IGV	No obviuos trend evident	
2016	KTK-19	Sulphate	SIA-TAPAA	Quarterly	25.14	24.3	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	KTK-19	Chloride	SIA-TAPAA	Quarterly	11.5	11	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	KTK-19	Nitrate as NO3	SIA-TAPAA	Quarterly	0.9	0.65	mg/l	37.5	SELECT**	No obviuos trend evident	
2016	KTK-19	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident	
2016	KTK-19	Ortho Phosphate	SIA-TAPAA	Quarterly	0.06	0.06	mg/l	-	SELECT**	No obviuos trend evident	
2016	KTK-19	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.19	0.1525	mg/l	0.065-0.175	SELECT**	No obviuos trend evident	
2016	KTK-19	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	330	321.5	mg/l	NAC	IGV	No obviuos trend evident	
2016	KTK-19	DO	Hach HQ30D Oxygen Meter	Quarterly	10	7.75	mg/l	-	SELECT**	No obviuos trend evident	
2016	KTK-19	Electrical Conductivity	Field Probe	Quarterly	627	617.25	μS/cm	800-1,875	SELECT**	No obviuos trend evident	
2016	KTK-19	тос	TOC analyser	Quarterly	<2	<2	mg/l	NAC	IGV	No obviuos trend evident	

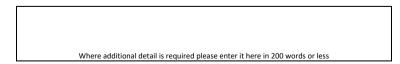
/Soil monit	oring templa	ate			Lic No:	W0081-04		Year	2016	
2016	KTK-19	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-19	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-19	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-19	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-19	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Arsenic	ICP-OES	Quarterly	3.5	3.5	μg/I	7.5	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Barium	ICP-OES	Quarterly	199	188.75	μg/I	-	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Boron	ICP-OES	Quarterly	26	24.66666667	μg/l	750	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	μg/I	5	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Calcium	ICP-OES	Quarterly	142.6	138.6	mg/l	200	SELECT**	No obviuos trend evident
2016	КТК-20	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/I	1500	SELECT**	No obviuos trend evident
2016	КТК-20	Total Dissolved Iron	ICP-OES	Quarterly	246	206.5	μg/I	50	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/l	18.75	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Magnesium	ICP-OES	Quarterly	29	28.15	mg/l	50	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Manganese	ICP-OES	Quarterly	910	863.25	μg/I	0.05	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Mercury	ICP-OES	Quarterly	0.02	0.02	μg/I	1	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	μg/I	15	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Potassium	ICP-OES	Quarterly	1.5	1.4	mg/l	5	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Sodium	ICP-OES	Quarterly	21.1	15.3	mg/l	150	SELECT**	No obviuos trend evident
2016	КТК-20	Dissolved Zinc	ICP-OES	Quarterly	4	4	μg/I	0.1	IGV	No obviuos trend evident
2016	КТК-20	Dissolved Phosphorus	ICP-OES	Quarterly	725	355.3	μg/I	-	SELECT**	No obviuos trend evident
2016	КТК-20	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident
2016	КТК-20	Fluoride	Dionex (Ion- Chromatography).	Quarterly	0.4	0.4	mg/l	1	IGV	No obviuos trend evident
2016	КТК-20	Sulphate	SIA-TAPAA	Quarterly	59.11	56.3425	mg/l	187.5	SELECT**	No obviuos trend evident
2016	КТК-20	Chloride	SIA-TAPAA	Quarterly	17.8	16.65	mg/l	187.5	SELECT**	No obviuos trend evident
2016	КТК-20	Nitrate as NO3	SIA-TAPAA	Quarterly	0.7	0.466666667	mg/l	37.5	SELECT**	No obviuos trend evident

r/Soil monit	oring templa	1			Lic No:	W0081-04		Year	2016	
2016	КТК-20	Nitrite as NO2	SIA-TAPAA	Quarterly	0.03	0.03	mg/l	0.375	SELECT**	No obviuos trend evident
2016	КТК-20	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident
2016	КТК-20	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.23	0.1775	mg/l	0.065-0.175	SELECT**	No obviuos trend evident
2016	KTK-20	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	572	491	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-20	DO	Hach HQ30D Oxygen Meter	Quarterly	8	6.25	mg/l	-	SELECT**	No obviuos trend evident
2016	КТК-20	Electrical Conductivity	Field Probe	Quarterly	892	859	μS/cm	800-1,875	SELECT**	No obviuos trend evident
2016	КТК-20	тос	TOC analyser	Quarterly	3	3	mg/l	NAC	IGV	No obviuos trend evident
2016	KTK-20	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	КТК-20	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident
2016	КТК-20	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/I		SELECT**	No obviuos trend evident
2016	KTK-20	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-20	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Arsenic	ICP-OES	Quarterly	<2.5	<2.5	μg/l	7.5	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Barium	ICP-OES	Quarterly	73	69.75	μg/l	-	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Boron	ICP-OES	Quarterly	26	19.75	μg/l	750	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Cadmium	ICP-OES	Quarterly	<0.5	<0.5	µg/l	5	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Calcium	ICP-OES	Quarterly	129	127.65	mg/l	200	SELECT**	No obviuos trend evident
2016	KTK-21	Total Dissolved Chromium	ICP-OES	Quarterly	<1.5	<1.5	μg/I	37.5	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Copper	ICP-OES	Quarterly	<7	<7	μg/l	1500	SELECT**	No obviuos trend evident
2016	KTK-21	Total Dissolved Iron	ICP-OES	Quarterly	26	26	μg/I	50	IGV	No obviuos trend evident
2016	KTK-21	Dissolved Lead	ICP-OES	Quarterly	<5	<5	μg/l	18.75	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Magnesium	ICP-OES	Quarterly	11	10.825	mg/l	50	IGV	No obviuos trend evident
2016	KTK-21	Dissolved Manganese	ICP-OES	Quarterly	4	4	μg/l	0.05	IGV	No obviuos trend evident
2016	KTK-21	Dissolved Mercury	ICP-OES	Quarterly	<0.01	<0.01	μg/l	1	IGV	No obviuos trend evident
2016	KTK-21	Dissolved Nickel	ICP-OES	Quarterly	<2	<2	µg/l	15	SELECT**	No obviuos trend evident
2016	KTK-21	Dissolved Potassium	ICP-OES	Quarterly	0.6	0.375	mg/l	5	IGV	No obviuos trend evident

Soil monit	oring templ	ate			Lic No:	W0081-04		Year	2016		
2016	KTK-21	Dissolved Sodium	ICP-OES	Quarterly	3.7	3.05	mg/l	150	SELECT**	No obviuos trend evident	
2016	KTK-21	Dissolved Zinc	ICP-OES	Quarterly	<3	<3	μg/l	0.1	IGV	No obviuos trend evident	
2016	KTK-21	Dissolved Phosphorus	ICP-OES	Quarterly	1150	716.95	μg/I	-	SELECT**	No obviuos trend evident	
2016	KTK-21	Total Phenols	HPLC	Quarterly	<0.1	<0.1	mg/l	500	IGV	No obviuos trend evident	
2016	KTK-21	Fluoride	Dionex (Ion- Chromatography).	Quarterly	<0.3	<0.3	mg/l	1	IGV	No obviuos trend evident	
2016	KTK-21	Sulphate	SIA-TAPAA	Quarterly	4.46	3.655	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	KTK-21	Chloride	SIA-TAPAA	Quarterly	4.2	4	mg/l	187.5	SELECT**	No obviuos trend evident	
2016	KTK-21	Nitrate as NO3	SIA-TAPAA	Quarterly	1.6	1.325	mg/l	37.5	SELECT**	No obviuos trend evident	
2016	KTK-21	Nitrite as NO2	SIA-TAPAA	Quarterly	<0.02	<0.02	mg/l	0.375	SELECT**	No obviuos trend evident	
2016	KTK-21	Ortho Phosphate	SIA-TAPAA	Quarterly	<0.06	<0.06	mg/l	-	SELECT**	No obviuos trend evident	
2016	KTK-21	Ammoniacal Nitrogen (N)	SIA-TAPAA	Quarterly	0.12	0.0775	mg/l	0.065-0.175	SELECT**	No obviuos trend evident	
2016	KTK-21	Total Alkalinity as CaCO3	Metrohm automated titration analyser	Quarterly	616	477.5	mg/l	NAC	IGV	No obviuos trend evident	
2016	KTK-21	DO	Hach HQ30D Oxygen Meter	Quarterly	9	8.25	mg/l	-	SELECT**	No obviuos trend evident	
2016	KTK-21	Electrical Conductivity	Field Probe	Quarterly	667	643.25	μS/cm	800-1,875	SELECT**	No obviuos trend evident	
2016	KTK-21	тос	TOC analyser	Quarterly	<2	<2	mg/l	NAC	IGV	No obviuos trend evident	
2016	KTK-21	VOCs (TICs)	Headspace GC- MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident	
2016	KTK-21	Semi - VOCs	GC-MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident	
2016	КТК-21	Pesticides MS	Large Volume Injection on GC Triple Quad MS	Quarterly	ND	ND	μg/l		SELECT**	No obviuos trend evident	
2016	KTK-21	Total Coliform	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident	
2016	KTK-21	E-Coli	Membrane Filtration	Quarterly	0	0	cfu/100ml		SELECT**	No obviuos trend evident	
Guidelin required. th More inform assessment	e Value (IGV) In addition to the link provide mation on the criteria (GAC	or an upward tre completing the ed and submit se e use of soil and g	end in results for a su above table, please parately through ALI groundwater standar	ibstance indicat complete the G DER as a license ds/ generic	Groundwater Thresho tes that further interpre- iroundwater Monitorir te return or as otherwis <u>Guidance on the Mar</u>	etation of monitorin ng Guideline Templa e instructed by the	ng results is ate Report at EPA.		ndwater monito ater at EPA Lice	ring template nsed Sites (EPA 2013).	
papiished g	andance (see	the link in 031)									
should b	be used in add	dition to the GTV	e.g. if the site is clos	e to surface wa	ors alternative Recepto ter compare to Surface pare results to the Drink	Water Environmen	tal Quality	<u>Surface</u> water EQS	Groundwater regulations GTV's		Drinking water (public supply) standards

	oring templa				Lic No:	W0081-04	
Table 3:	Soil resul	ts					
Date of sampling	Sample location reference	Parameter/ Substance	Methodology	Monitoring frequency	Maximum Concentration	Average Concentration	unit
				. ,			SELECT
							522201
	-						
		1		1	1	1	
				1		ł	
				l			
		1		1			

/Soil monit	toring templa	ate		Lic No:	W0081-04	Year	2016	
L								
L								
	-							
	-							
	1							
├───	+							
├───	+							
├───	+							
	1							
	1							
	1							
	1	1						
	1	1						
		İ						
		İ						
	1							
	1							
	1		1					



	ronmental Liabilities template	Lic No:	W0081-04	Year	2016
Clic	k here to access EPA guidance on Environmental Liabilities and Financial				
	provision				
			6		
			Commentary As part of Condition 12.3.2, the Licensee has completed a fully costed		
			Environmental Liabilities Risk Assessment for the site. This document outlines		
			the potential unknown environmental liabilities associated with the landfill and		
1	ELRA initial agreement status		estimates the possible cost of these liabilities. An environmental liability		
			insurance policy has been taken out for €10M which is more than sufficient to		
		Submitted and agreed by EPA	cover any unforeseen event contemplated within the ELRA.		
2	FLRA review status	Submitted and agreed by ErA	cover any uniorescen event contemplated within the EEKA.		
2 1 1 2	unt of Financial Provision cover required as determined by the latest ELRA				
3 AIIIU	unt of Financial Provision cover required as determined by the latest LERA				
4	Financial Provision for FLRA status				
	Financial Provision for ELRA - amount of cover				
6	Financial Provision for ELRA - type				
7	Financial provision for ELRA expiry date				
	I mandal provision for Edit (cipity date		Under condition 12.3.3 of the site licence Kilcullen Landfill is required to		
			maintain a financial provision that is sufficient to cover all liabilities incurred		
			whilst carrying on the activities to which this licence relates. As part of the		
			licence transfer from KTK Landfill Ltd to Kilcullen landfill Ltd, the CRAMP		
			liability was recalculated and agreed with the Office for Environmental		
			Enforcement as being €3.42M as at 1 January 2013. Financial provision, to the		
			satisfaction of the Board of the EPA, was then put in place sufficient to cover the		
8	Closure plan initial agreement status	Closure plan submitted and agreed by EPA	cost of this CRAMP liability.		
9	Closure plan review status	Review required and completed			
10	Financial Provision for Closure status	Submitted and agreed by EPA			
11	Financial Provision for Closure - amount of cover	10mn			
12	Financial Provision for Closure - type Financial provision for Closure expiry date	Public Liability Insurance with Environmental Impairment Liability cover, N/A			
13	rinancial provision for closure expiry date	N/A			

	Environmental Management Programme/Continuous Improvement Programme	template	Lic No:	W0081-04	Year	2016
	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				
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				

	Envir	onmental Management I	Programme (EMP) report		
Objective Category	Target	Status (% completed)	How target was progressed	Responsibility	Intermediate outcomes
CRAMP	Complete installation of the permanent Surface Water Management System	before autumn 2017	Meetings held and documented	Facility Manager	Complete installation of the permanent Surface Water Management System
Chaivir	Removal of surplus equipment and materials etc. on site	ongoing	Progressive final and intermediate capping, continuous gas extraction.	Facility Manager	Removal of surplus equipment and materials etc. on site
Minimise the amount of natural resources (water, power etc.) consumed at the Facility.	Conduct Energy Audit of Facility and identify opportunities for improved energy efficiency in aftercare phase.	before autumn 2017	Structured capping program due for completion in 2017	Site Manager	Conduct Energy Audit of Facility and identify opportunities for improved energy efficiency in aftercare phase.
Training	Continue to train staff on a regular basis in EMS system, waste licence and Emergency Response.	Ongoing Annual Basis	Regular landfill infrastructure checks and field balancing	Site Manager	Continue to train staff on a regular basis in EMS system, waste licence and Emergency Response.
CRAMP	Complete installation of the permanent Surface before autumn 2017 Water Management System		Placement of geohess on outer flank of landfill	Facility Manager	Complete installation of the permanent Surface Water Management System
Chaivir	Removal of surplus equipment on site (Wheel wash and weighbridge)	End 2017	As per Target	Facility Manager	Removal of surplus equipment on site (Wheel wash and weighbridge)
Minimise the amount of natural resources (water, power etc.) consumed at the Facility.	Conduct Energy Audit of Facility and identify opportunities for improved energy efficiency in aftercare phase.	Sep-17	Weekly and quarterly checks completed	Facility and Assistant Manager	Conduct Energy Audit of Facility and identify opportunities for improved energy efficiency in aftercare phase.
Training	Continue to train staff on a regular basis in EMS system, waste licence and Emergency Response.	Ongoing Annual Basis	Approved by the Agency. Now implemented in Cells 3 and 4.	Facility and Assistant Manager	Continue to train staff on a regular basis in EMS system, waste licence and Emergency Response.
IMS System	Review and amend IMS system in accordance with the new AGB landfills IMS systems	End 2017	Cells filled on individual basis, on site checks are completed during cell construction Plans on hold	Facility and Assistant and H&S Manager	Review and amend IMS system in accordance with the new AGB landfills IMS systems

Noise monitoring s	summary report		Lic No:	W0081-04	Year	2016
1 Was noise monitoring a licence requirement for the If yes please fill in table N1 noise summary below	e AER period?			No]	
 2 Was noise monitoring carried out using the EPA Gu "Checklist for noise measurement report" included 3 Does your site have a noise reduction plan 			<u>Noise</u> <u>Guidance</u> note NG4	No	- - -	
4 When was the noise reduction plan last updated? Have there been changes relevant to site noise en no Table N1: Noise monitoring summary	missions (e.g. plant or op vise survey?	erational change	es) since the last	NA No		
	Neise					Commonte (ov. mein

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

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

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

SELECT

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

Any additional comments? (less than 200 words)

Resource Usage/Energy efficiency summary	Lic No:	W0081-04	Year	2016

L	When did the site carry out the most recent energy efficiency audit? Please list the recommendations in table	e 3 below	
		SEAI - Large	
	Is the site a member of any accredited programmes for reducing energy usage/water conservation such as the SEAI	Industry Energy	
2	programme linked to the right? If yes please list them in additional information	Network (LIEN)	No

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

1

2

Table R1 Energy usage on site	e			
			compared to previous	Energy Consumption +/- % vs overall site
Energy Use	Previous year	Current year	reporting year**	production*
Total Energy Used (MWHrs)				
Total Energy Generated (MWHrs)				
Total Renewable Energy Generated (MWHrs)	8,916	7,423	-16.75%	
Electricity Consumption (MWHrs)	0.1926	0.199603	3.64%	
Fossil Fuels Consumption:				
Heavy Fuel Oil (m3)	0.11	0.03	-72.73%	
Light Fuel Oil (m3)	9	0.5	-94.50%	
Natural gas (m3)	NA	NA		
Coal/Solid fuel (metric tonnes)	NA	NA		
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 on site				Water Emissions	Water Consumption			
	Water extracted		Production +/- % compared to previous	consumption i/ /o	Volume Discharged	Volume used i.e not discharged to environment e.g. released as steam		
Water use	Previous year m3/yr.	Current year m3/yr.	reporting year**	production*	environment(m ³ yr):	m3/yr	Unaccounted for Water:	
Groundwater								
Surface water								
Public supply	0.661	0.661	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 Summa	ry				
	Total	Landfill	Incineration	Recycled	Other
Hazardous (Tonnes)					
Non-Hazardous (Tonnes)					

6,871

Additional information

Not Applicable

2016

SELECT

rce Usage/Energy efficiency summary Table R4: Energy Audit f	inding recommendations		1	Lic No:	W0081-04		Year	20
Date of audit		Description of Measures proposed	Origin of measures	Predicted energy savings %	Implementation date	Responsibility		Status and comments
			SELECT					
			SELECT					
			SELECT					

Table R5: Power Generation: Where power is gen	nerated onsite (e.g.	power generation facili	ties/food and drink in	dustry)please compl	ete the following informatio
	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:	W0081-04	Year	2016	
Complaints					
	Additional information				
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 No					

			Table 1 Complaints summary				
			Brief description of				
Date	Category	Other type (please specify)	complaint (Free txt <20	Corrective action< 20 words	Resolution status	Resolution date	Further information
			words)				
Total complaints open							
at start of reporting							
/ear	0						
Total new complaints							
received during							
reporting year	0						
Total complaints							
closed during							
reporting year	0						
1	-						
Balance of complaints							
end of reporting year	0						

		Incidents												
					Additional information									
Have any incid	ents occurred on site in the o	current reporting year? Please list all incidents for current reporti	ng year in Table 2 below	Yes										
*For information on he	ow to report and what const	itutes an												
	incident	What is an incident												
Table 2 Incidents summ	nary													
Date of occurrence	Incident nature	Location of occurrence	Incident category*please refer to guidance	Receptor	Cause of incident	Other cause(please specify)	Activity in progress at time of incident	Communication	Occurrence	Corrective action<20 words	Preventative action <20 words	Resolution status	Resolution date	Likelihood of reoccurence
23/07/2016 08:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI011378	Normal activities	EPA	New		words	Complete	30/01/2017 16:42	2 Low
	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI011063	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010897	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
15/08/2016 13:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010783	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
29/07/2016 08:30	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010590	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
23/06/2016 07:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010354	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
19/05/2016 08:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010155	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
19/04/2016 13:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI010010	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
24/03/2016 09:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI009865	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
29/02/2016 14:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI009750	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
28/01/2016 12:00	Trigger Level Reached	Plant or equipment maintenance (Not at WWTP)	1. Minor	Air	Trigger Level Reached	INCI009559	Normal activities	EPA	New			Complete	30/01/2017 16:42	2 Low
% reduction/ increase		100%												

WASTE SUMMARY	Lic No:	W0081-04	Year	2016
SECTION A-PRTR ON SITE WASTE TREATMENT AND WASTE TRANSFERS TAB- TO BE COMPLETED BY A	ALL IPPC AND WASTE FACILITIES	PRTR facility logon	dropdown lis	st click to see options

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 1 boundaries is to be captured through PRTR reporting)

If yes please enter details in table 1 below

3



Additional Information

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

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

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

tonneg/annum site (total tonneg/annum) increase over site (total tonneg/annum) reduction/ increase accepted in current optice increase accepted in current eporting year (tonnes) previous reporting year (tonnes) increase over site (total % reduction/ increase waste has a packaging reporting year (tonnes) out a you site has out a you site has reporting year (tonnes) increase over site (total % reduction/ increase waste has a packaging reporting year (tonnes) out a you site out a you site waste has a packaging reporting year (tonnes) increase over site at the end of reporting year (tonnes) surgean Waste Catalogue EWC codes European Waste Catalogue EWC codes increase catalogue EWC codes increase solution (torsese solution of this operation or set at the end of reporting year (tonnes) 20- MUNICIDAL WASTES (HOUSERICAL WASTES (HOUSERICAL WASTES (HOUSERICAL WASTES (HOUSERICAL WASTES) (NULINGRAL WASTES) (NULINGRAL WASTES) (NULINGRAL WASTES) (NULINGRAL WASTES) increase solution is explained in the packaging solution is explained in the packaging solution of this operation solution of this opera	Provide a second second	FINE di	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0		Ded attract	B	De 1 (0/)	0	0	Comments -
site (total tonnex/annum) presses enter an currate and feeland description - which applies to relevant EWC code reporting year (tonnes) previous war 4/- % from previous % waste has a packaging reporting year (tonnes) out at your site and the description of this operation of reporting year (tonnes) Luropean Waste Catalogue EWC codes 20-MUNICIPAL WASTES (HOUSFHOLD WASTE AND SIMUAR COMMRCIAL, INSTITUTIONAL WASTES) Alm Alm Alm Site generally ccosed waste (HOUSSFHOLD WASTE AND SIMUAR COMMRCIAL, INSTITUTIONAL WASTES) Alm Site generally ccosed waste discription in this part of the part of th		EWC code	Source of waste accepted									Comments -
tomes/annum) tomes/annum) accurate and detailed accurate and												
European Waste Catalogue EWC codes description - which applies to releant EWC codes additional employment of reporting year (tonnes) European Waste Catalogue EWC codes European Waste Catalogue EWC codes additional employment of reporting year (tonnes) A lim European Waste Catalogue EWC codes additional employment of reporting year (tonnes) B limit A					reporting year (tonnes)							
Luropean Waste Catalogue EWC codes and applies to relevant EWC codes and a	tonnes/annum)						%	reporting year	component	description of this operation		
European Waste Catalogue EWC codes code European Waste code Catalogue EWC codes code cod code code												
European Waste Catalogue EWC codes European Waste Catalogue EWC codes Image: Catalogue EWC codes Image: Catalogue EWC codes A lim Image: Code Structure EWC codes Image: Catalogue EWC c											year (tonnes)	
Image: Catalogue EWC codes Image: Catalogue EWC codes <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>												
20-MUNICIPAL WASTES Image: Constraint and provide the second p		European Waste Catalogue EWC codes		European Waste								
20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INUUSTRIAL AND INSTITUTIONAL WASTES) (HOUSE SPRAFELY INSTITUTIONAL WASTES) (HOUSE SPRAFELY) (HOUSE				Catalogue EWC codes								
20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INUUSTRIAL AND INSTITUTIONAL WASTES) (HOUSE SPRAFELY INSTITUTIONAL WASTES) (HOUSE SPRAFELY) (HOUSE												
20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INUSTRIAL AND INSTITUTIONAL WASTES) (HOUSERAL AND INSTITUTIONAL WASTES) (HOUSERAL AND INSTITUTIONAL WASTES) (HOUSERAL AND INSTITUTIONAL WASTES) (HOUSE SPRAFELY) (HOUSE												A limited
20-MUNICIPAL WASTES 20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND (HOUSEHOLD WASTE AND MUDUSTRUL AND INDUSTRUL AND INSTITUTIONAL WASTES) (NOUSTRUL AND INSTITUTIONAL WASTES) (NOUSTRUL AND INSTITUTIONAL WASTES) (Cessed waste (Cessed waste (Cessed waste) (Cessed waste)		I										amount of
20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INOUSTRIAL AND INSTITUTIONAL WASTES) (HOUSERAL AND INSTITUTIONAL WASTES) (HOUSERAL AND INSTITUTIONAL WASTES) (HOUSE SPRAFELY) (HOUSE		I										leachate was
20-MUNICIPAL WASTES (HOUSENDD WASTEAD SIMURA COMMERCIAL INDUSTRIAL AND INSTITUTIONAL WASTES) (NOUSTRIAL AND INSTITUTIONAL WASTES) (NOUSTRIAL AND INSTITUTIONAL WASTES) (Cassed woste (Cassed woste) (Cassed woste) (Cass		I										transported to
20- MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMULAR COMMERCIAL, INUSTRIAL AND INSTITUTIONAL WASTES) (NUSTRIAL AND INSTITUTIONAL WASTES) (Cassed waste (Cassed waste) (Cassed		I										Kilcullen Landfill
20-MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL NOUSTRULA ND NINSTTUTTONAL WASTES) (NINSTTUTTONAL WAST		I										
(HOUSEHGLD WASTE AND for tr SIMILAR COMMERCIAL, DeBiological treatment not INDUSTRIAL AND Site generally INSTITUTIONAL WASTES cessed waste INSTITUTIONAL WASTES cessed waste INSTITUTIONAL WASTESY cessed waste		I										Ballynagran
SIMILAR COMMERCIAL, INDUSTRIAL AND D8-Biological treatment not specified elsewhere which are or control NINTUTIONAL WASTES) Site generally ceased waste gsecified elsewhere which are discarded by means of any of roinf acceptance in control the operations numbered D1 to and		I										Landfill in 2016
INDUSTRIAL AND Site generally specified elsewhere which are contr INSTITUTIONAL WASTES) ceased waste discarded by means of any of rain INSTITUTIONAL WASTESY acceptance in the operations numbered D1 ta and		I										for treatment
INSTITUTIONAL WASTES) ccosed woste discorded by means of any of roinf INCLUDING SEPARATELY acceptance in the operations numbered D1 to and		I	SIMILAR COMMERCIAL,									following
INCLUDING SEPARATELY acceptance in the operations numbered D1 to and I							1	Site generally			1	continous high
		I	INSTITUTIONAL WASTES)					ceased waste		discarded by means of any of		rainfall events
275,000 IP 07 03 COLLECTED FRACTIONS Leachate from landfill 1011.56 921.94 110% December 2011. N/A D12 outle			INCLUDING SEPARATELY					acceptance in		the operations numbered D1 to	1	and leachate
	275,000	19 07 03	COLLECTED FRACTIONS	Leachate from landfill	1011.56	921.94	110%	December 2011.	N/A	D12		outlet shortage.
		I					1				1	

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

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	Comments on liner type
									SELECT UNIT	SELECT UNIT	SELECT UNIT	
Cell 8												

-

SELECT	
SELECT	
SELECT	
SELECT	
SELECT	

WASTE SUMMARY	1				Lic No:	W0081-04		Year	2016
Table 4 Environme	ntal monitoring-landfill only	Landfill Manual-Monitoring Sta	indards						-
	Was leachate monitored in compliance with LD standard in reporting year	Was Landfill Gas monitored in compliance with LD standard in reporting year	Was SW monitored in compliance with LD standard in reporting year		Were emission limit values agreed with the Agency (ELVs)	Was topography of the site surveyed in reporting year	Has the statement under S53(A)(5) of WMA been submitted in reporting year	Comments	-
.+ please refer to Landfi Table 5 Capping-La	ll Manual linked above for relevant Landf andfill only	ill Directive monitoring standard	s	I	L			1	1
	Area with temporary cap			Area with waste that should be permanently capped to date under					
SELECT UNIT *please note this includ Table 6 Leachate-L		Area with final cap to LD Standard m2 ha, a	Area capped other	capped to date under licence	What materials are used in the cap	Comments	_		
*please note this includ Table 6 Leachate-L Is leachate from your sil Is leachate released to Volume of leachate in	es daily cover area andfill only te treated in a Waste Water Treatment Pl surface water? If yes please complete lea	Standard m2 ha, a	ow Leachate (NH4) mass	licence		SELECT SELECT Specify type of]		
*please note this includ Table 6 Leachate-L Is leachate from your sil Is leachate released to Volume of leachate in	es daily cover area andfill only te treated in a Waste Water Treatment Pl surface water? If yes please complete lea	Standard m2 ha, a	ow	licence	What materials are used in the cap	SELECT SELECT	Comments		
*please note this includ Table 6 Leachate-L Is leachate from your sil Is leachate released to Volume of leachate in	es daily cover area amdfill only te treated in a Waste Water Treatment P surface water? If yes please complete lea Leachate (BOD) mass load (lg/annum) Please ensure that all information repo	Standard m2 ha, a ant? chate mass load information bel Leachate (COD) mass load (kg/annum)	ow Leachate (NH4) mass load (kg/annum)	licence	Leachate treatment on-site	SELECT SELECT Specify type of	Comments]	
*please note this includ Table 6 Leachate-I Is leachate from your sit is leachate released to Volume of leachate in reporting year(m3) Table 7 Landfill Ga	es daily cover area amdfill only te treated in a Waste Water Treatment P surface water? If yes please complete lea Leachate (BOD) mass load (lg/annum) Please ensure that all information repo	Standard m2 ha, a ant? chate mass load information bel Leachate (COD) mass load (kg/annum)	ow Leachate (NH4) mass load (kg/annum) consistent with the Landfil Was surface emissions	licence	Leachate treatment on-site	SELECT SELECT Specify type of	Comments]	
*please note this includ Table 6 Leachate-L Is leachate from your sil Is leachate released to Volume of leachate in reporting year(m3)	es daily cover area amdfill only te treated in a Waste Water Treatment P surface water? If yes please complete lea Leachate (BOD) mass load (lg/annum) Please ensure that all information repo	Standard m2 ha, a ant? chate mass load information bel Leachate (COD) mass load (kg/annum)	ow Leachate (NH4) mass load (kg/annum) consistent with the Landfil Was surface emissions monitoring performed	lience Leachate (Chloride) mass load kg/annum	Leachate treatment on-site	SELECT SELECT Specify type of	Comments		