

## CERTIFICATE OF ANALYSIS

**Work Order** : **EW1900611**  
**Client** : **KIAMA COUNCIL**  
**Contact** : **MR PAUL CZULOWSKI**  
**Address** : **11 MANNING STREET**  
**KIAMA NSW, AUSTRALIA 2533**

**Telephone** : **+61 02 4232 0444**  
**Project** : **Minnamurra Landfill**  
**Order number** : **126589**  
**C-O-C number** : **----**  
**Sampler** : **----**  
**Site** : **Minnamurra Landfill**  
**Quote number** : **WO/017/18**  
**No. of samples received** : **20**  
**No. of samples analysed** : **20**

**Page** : 1 of 10  
**Laboratory** : Environmental Division NSW South Coast  
**Contact** : Glenn Davies  
**Address** : 1/19 Ralph Black Dr, North Wollongong 2500  
 4/13 Geary Pl, North Nowra 2541  
 Australia NSW Australia

**Telephone** : 02 42253125  
**Date Samples Received** : 12-Feb-2019 14:45  
**Date Analysis Commenced** : 13-Feb-2019  
**Issue Date** : 21-Feb-2019 16:57



Accreditation No. 825  
 Accredited for compliance with  
 ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

**Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.**

### Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Ankit Joshi	Inorganic Chemist	Sydney Inorganics, Smithfield, NSW
Dian Dao		Sydney Inorganics, Smithfield, NSW
Glenn Davies	Environmental Services Representative	Laboratory - Wollongong, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW



## General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.  
LOR = Limit of reporting  
^ = This result is computed from individual analyte detections at or above the level of reporting  
ø = ALS is not NATA accredited for these tests.  
~ = Indicates an estimated value.

- ED041G: Spike recovery failed for Sulfate due to matrix interferences.
- ED041G: LOR raised for Sulfate on sample 13 & 16 due to sample matrix.
- EG020: Some samples were diluted and rerun due to matrix interference and LOR's have been raised accordingly. (High Total Dissolved Solids)
- EP002: It has been noted that DOC is greater than TOC for various samples, however this difference is within the limits of experimental variation.
- EK057G/EK059G: It has been noted that Nitrite is greater than Nitrite + Nitrate as NOx on sample 14 & 15, however this difference is within the limits of experimental variation.
- It has been noted that Nitrite is greater than NOx for sample 14,15, however this difference is within the limits of experimental variation.
- Sampling and sample data supplied by ALS Wollongong.
- Sampling completed as per FWI-EN001 Groundwater Sampling.
- Sampling completed as per FWI-EN002 Surface Water Sampling.
- Field tests completed on day of sampling/receipt.
- Sodium Adsorption Ratio (where reported): Where results for Na, Ca or Mg are <LOR, a concentration at half the reported LOR is incorporated into the SAR calculation. This represents a conservative approach for Na relative to the assumption that <LOR = zero concentration and a conservative approach for Ca & Mg relative to the assumption that <LOR is equivalent to the LOR concentration.



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 1A	MD 1B	MD 2A	MD 2B	MD 2C
Client sampling date / time				13-Feb-2019 13:10	13-Feb-2019 13:15	13-Feb-2019 11:35	13-Feb-2019 11:50	13-Feb-2019 12:00	
Compound	CAS Number	LOR	Unit	EW1900611-001	EW1900611-002	EW1900611-003	EW1900611-004	EW1900611-005	
				Result	Result	Result	Result	Result	
<b>EA005FD: Field pH</b>									
pH	----	0.1	pH Unit	----	7.6	6.8	6.8	6.9	
<b>EA010FD: Field Conductivity</b>									
Electrical Conductivity (Non Compensated)	----	1	µS/cm	----	592	18400	34200	47900	
<b>EA020FD: Field Salinity</b>									
Salinity	----	0.2	g/L	----	0.3	12.1	25.4	36.6	
<b>EA116: Temperature</b>									
Temperature	----	0.1	°C	----	23.1	20.3	17.8	18.1	
<b>ED037P: Alkalinity by PC Titrator</b>									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	----	<1	<1	<1	<1	
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	----	<1	<1	<1	<1	
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	----	222	932	728	580	
Total Alkalinity as CaCO3	----	1	mg/L	----	222	932	728	580	
<b>ED041G: Sulfate (Turbidimetric) as SO4 2- by DA</b>									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	----	11	687	1550	2230	
<b>ED045G: Chloride by Discrete Analyser</b>									
Chloride	16887-00-6	1	mg/L	----	50	5900	11600	16000	
<b>ED093F: Dissolved Major Cations</b>									
Calcium	7440-70-2	1	mg/L	----	46	283	419	502	
Magnesium	7439-95-4	1	mg/L	----	8	370	774	1110	
Sodium	7440-23-5	1	mg/L	----	38	2930	5870	8720	
Potassium	7440-09-7	1	mg/L	----	13	172	242	326	
<b>EG020F: Dissolved Metals by ICP-MS</b>									
Manganese	7439-96-5	0.001	mg/L	----	0.046	0.073	0.121	0.149	
Iron	7439-89-6	0.05	mg/L	----	0.47	8.93	1.28	1.53	
<b>EK040P: Fluoride by PC Titrator</b>									
Fluoride	16984-48-8	0.1	mg/L	----	0.2	1.0	0.8	0.8	
<b>EK055G: Ammonia as N by Discrete Analyser</b>									
Ammonia as N	7664-41-7	0.01	mg/L	----	10.2	28.3	7.21	1.83	
<b>EK057G: Nitrite as N by Discrete Analyser</b>									
Nitrite as N	14797-65-0	0.01	mg/L	----	<0.01	0.04	<0.01	<0.01	
<b>EK058G: Nitrate as N by Discrete Analyser</b>									
Nitrate as N	14797-55-8	0.01	mg/L	----	0.17	0.46	0.01	0.01	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 1A	MD 1B	MD 2A	MD 2B	MD 2C
Client sampling date / time					13-Feb-2019 13:10	13-Feb-2019 13:15	13-Feb-2019 11:35	13-Feb-2019 11:50	13-Feb-2019 12:00
Compound	CAS Number	LOR	Unit		EW1900611-001	EW1900611-002	EW1900611-003	EW1900611-004	EW1900611-005
					Result	Result	Result	Result	Result
<b>EP059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser</b>									
Nitrite + Nitrate as N	----	0.01	mg/L		----	0.17	0.50	0.01	0.01
<b>EN055: Ionic Balance</b>									
Total Anions	----	0.01	meq/L		----	6.08	199	374	509
Total Cations	----	0.01	meq/L		----	5.67	----	----	----
Total Cations	----	0.01	meq/L		----	----	176	346	504
Ionic Balance	----	0.01	%		----	3.50	----	----	----
Ionic Balance	----	0.01	%		----	----	6.10	3.88	0.52
<b>EN67 PK: Field Tests</b>									
Field Observations	----	0.01	--		DESTROYED	----	----	----	----
<b>EP002: Dissolved Organic Carbon (DOC)</b>									
Dissolved Organic Carbon	----	1	mg/L		----	5	49	32	21
<b>EP005: Total Organic Carbon (TOC)</b>									
Total Organic Carbon	----	1	mg/L		----	5	49	32	20
<b>EP025FD: Field Dissolved Oxygen</b>									
Dissolved Oxygen	----	0.01	mg/L		----	0.72	2.24	0.90	0.86
Dissolved Oxygen - % Saturation	----	0.1	% saturation		----	8.8	24.9	9.5	9.0
<b>EP035G: Total Phenol by Discrete Analyser</b>									
Phenols (Total)	----	0.05	mg/L		----	<0.05	<0.05	<0.05	<0.05
<b>FWI-EN/001: Groundwater Sampling - Depth</b>									
Depth	----	0.01	m		----	1.51	0.52	0.58	0.61



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 4A	MD 4B	MD 4C	MD 6A	MD 6B
Client sampling date / time				13-Feb-2019 10:50	13-Feb-2019 10:55	13-Feb-2019 11:15	13-Feb-2019 12:25	13-Feb-2019 12:40	
Compound	CAS Number	LOR	Unit	EW1900611-006	EW1900611-007	EW1900611-008	EW1900611-009	EW1900611-010	
				Result	Result	Result	Result	Result	
<b>EA005FD: Field pH</b>									
pH	----	0.1	pH Unit	----	6.8	6.9	7.2	7.0	
<b>EA010FD: Field Conductivity</b>									
Electrical Conductivity (Non Compensated)	----	1	µS/cm	----	20000	44600	1700	1620	
<b>EA020FD: Field Salinity</b>									
Salinity	----	0.2	g/L	----	13.9	33.6	0.9	0.9	
<b>EA116: Temperature</b>									
Temperature	----	0.1	°C	----	18.3	18.4	23.2	20.6	
<b>ED037P: Alkalinity by PC Titrator</b>									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	----	<1	<1	<1	<1	
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	----	<1	<1	<1	<1	
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	----	859	521	712	699	
Total Alkalinity as CaCO3	----	1	mg/L	----	859	521	712	699	
<b>ED041G: Sulfate (Turbidimetric) as SO4 2- by DA</b>									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	----	907	2090	34	38	
<b>ED045G: Chloride by Discrete Analyser</b>									
Chloride	16887-00-6	1	mg/L	----	6650	15700	138	95	
<b>ED093F: Dissolved Major Cations</b>									
Calcium	7440-70-2	1	mg/L	----	389	429	128	116	
Magnesium	7439-95-4	1	mg/L	----	402	1040	47	42	
Sodium	7440-23-5	1	mg/L	----	3160	8380	113	92	
Potassium	7440-09-7	1	mg/L	----	159	308	44	46	
<b>EG020F: Dissolved Metals by ICP-MS</b>									
Manganese	7439-96-5	0.001	mg/L	----	0.112	0.154	0.044	0.099	
Iron	7439-89-6	0.05	mg/L	----	1.87	1.21	1.23	0.20	
<b>EK040P: Fluoride by PC Titrator</b>									
Fluoride	16984-48-8	0.1	mg/L	----	0.6	1.2	0.8	0.5	
<b>EK055G: Ammonia as N by Discrete Analyser</b>									
Ammonia as N	7664-41-7	0.01	mg/L	----	17.7	1.06	22.6	26.4	
<b>EK057G: Nitrite as N by Discrete Analyser</b>									
Nitrite as N	14797-65-0	0.01	mg/L	----	<0.01	<0.01	0.12	<0.01	
<b>EK058G: Nitrate as N by Discrete Analyser</b>									
Nitrate as N	14797-55-8	0.01	mg/L	----	0.02	<0.01	1.19	<0.01	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 4A	MD 4B	MD 4C	MD 6A	MD 6B
Client sampling date / time					13-Feb-2019 10:50	13-Feb-2019 10:55	13-Feb-2019 11:15	13-Feb-2019 12:25	13-Feb-2019 12:40
Compound	CAS Number	LOR	Unit		EW1900611-006	EW1900611-007	EW1900611-008	EW1900611-009	EW1900611-010
				Result	Result	Result	Result	Result	Result
<b>EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser</b>									
Nitrite + Nitrate as N	----	0.01	mg/L	----	0.02	<0.01	1.31	<0.01	
<b>EN055: Ionic Balance</b>									
Total Anions	----	0.01	meq/L	----	224	497	18.8	17.4	
Total Cations	----	0.01	meq/L	----	194	479	16.3	14.4	
Ionic Balance	----	0.01	%	----	7.09	1.78	7.20	9.46	
<b>EN67 PK: Field Tests</b>									
Field Observations	----	0.01	--	DRY	----	----	----	----	----
<b>EP002: Dissolved Organic Carbon (DOC)</b>									
Dissolved Organic Carbon	----	1	mg/L	----	40	17	30	31	
<b>EP005: Total Organic Carbon (TOC)</b>									
Total Organic Carbon	----	1	mg/L	----	39	17	34	32	
<b>EP025FD: Field Dissolved Oxygen</b>									
Dissolved Oxygen	----	0.01	mg/L	----	0.73	1.78	2.37	0.81	
Dissolved Oxygen - % Saturation	----	0.1	% saturation	----	7.8	18.9	26.9	9.1	
<b>EP035G: Total Phenol by Discrete Analyser</b>									
Phenols (Total)	----	0.05	mg/L	----	<0.05	<0.05	<0.05	<0.05	
<b>FWI-EN/001: Groundwater Sampling - Depth</b>									
Depth	----	0.01	m	----	1.03	1.04	1.20	1.22	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 6C	MD 9A	MD 9B	MD 9C	MD 10A
Client sampling date / time				13-Feb-2019 12:50	13-Feb-2019 10:10	13-Feb-2019 10:20	13-Feb-2019 10:35	13-Feb-2019 09:50	
Compound	CAS Number	LOR	Unit	EW1900611-011	EW1900611-012	EW1900611-013	EW1900611-014	EW1900611-015	
				Result	Result	Result	Result	Result	
<b>EA005FD: Field pH</b>									
pH	----	0.1	pH Unit	7.2	6.5	7.1	6.9	6.4	
<b>EA010FD: Field Conductivity</b>									
Electrical Conductivity (Non Compensated)	----	1	µS/cm	36000	16900	3680	7020	44500	
<b>EA020FD: Field Salinity</b>									
Salinity	----	0.2	g/L	25.0	10.9	2.2	4.5	30.2	
<b>EA116: Temperature</b>									
Temperature	----	0.1	°C	20.8	20.8	18.7	18.7	22.8	
<b>ED037P: Alkalinity by PC Titrator</b>									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	<1	
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	<1	
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	420	290	1170	1060	296	
Total Alkalinity as CaCO3	----	1	mg/L	420	290	1170	1060	296	
<b>ED041G: Sulfate (Turbidimetric) as SO4 2- by DA</b>									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	1550	693	<10	132	1680	
<b>ED045G: Chloride by Discrete Analyser</b>									
Chloride	16887-00-6	1	mg/L	12500	5620	514	1720	14600	
<b>ED093F: Dissolved Major Cations</b>									
Calcium	7440-70-2	1	mg/L	385	138	106	190	1040	
Magnesium	7439-95-4	1	mg/L	866	347	46	127	1040	
Sodium	7440-23-5	1	mg/L	6610	2730	286	888	7010	
Potassium	7440-09-7	1	mg/L	228	114	134	103	166	
<b>EG020F: Dissolved Metals by ICP-MS</b>									
Manganese	7439-96-5	0.001	mg/L	0.061	0.066	0.148	0.201	0.838	
Iron	7439-89-6	0.05	mg/L	19.8	0.45	3.22	5.98	5.38	
<b>EK040P: Fluoride by PC Titrator</b>									
Fluoride	16984-48-8	0.1	mg/L	0.6	0.1	0.8	0.5	0.6	
<b>EK055G: Ammonia as N by Discrete Analyser</b>									
Ammonia as N	7664-41-7	0.01	mg/L	29.1	5.68	125	69.9	1.02	
<b>EK057G: Nitrite as N by Discrete Analyser</b>									
Nitrite as N	14797-65-0	0.01	mg/L	<0.01	<0.01	0.01	0.01	0.02	
<b>EK058G: Nitrate as N by Discrete Analyser</b>									
Nitrate as N	14797-55-8	0.01	mg/L	<0.01	0.01	0.10	<0.01	<0.01	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 6C	MD 9A	MD 9B	MD 9C	MD 10A
Client sampling date / time					13-Feb-2019 12:50	13-Feb-2019 10:10	13-Feb-2019 10:20	13-Feb-2019 10:35	13-Feb-2019 09:50
Compound	CAS Number	LOR	Unit		EW1900611-011	EW1900611-012	EW1900611-013	EW1900611-014	EW1900611-015
					Result	Result	Result	Result	Result
<b>EPK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser</b>									
Nitrite + Nitrate as N	----	0.01	mg/L		<0.01	0.01	0.11	<0.01	<0.01
<b>EN055: Ionic Balance</b>									
Total Anions	----	0.01	meq/L		393	179	37.9	72.4	453
Total Cations	----	0.01	meq/L		----	----	33.0	----	----
Total Cations	----	0.01	meq/L		384	157	----	61.2	447
Ionic Balance	----	0.01	%		----	----	6.91	----	----
Ionic Balance	----	0.01	%		1.21	6.44	----	8.42	0.68
<b>EP002: Dissolved Organic Carbon (DOC)</b>									
Dissolved Organic Carbon	----	1	mg/L		12	47	78	60	38
<b>EP005: Total Organic Carbon (TOC)</b>									
Total Organic Carbon	----	1	mg/L		12	58	72	59	38
<b>EP025FD: Field Dissolved Oxygen</b>									
Dissolved Oxygen	----	0.01	mg/L		0.67	1.20	0.90	0.55	1.80
Dissolved Oxygen - % Saturation	----	0.1	% saturation		7.6	13.5	9.7	5.9	21.0
<b>EP035G: Total Phenol by Discrete Analyser</b>									
Phenols (Total)	----	0.05	mg/L		<0.05	<0.05	<0.05	<0.05	<0.05
<b>FWI-EN/001: Groundwater Sampling - Depth</b>									
Depth	----	0.01	m		1.40	0.62	0.67	0.77	0.78





## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 10B	Rocklow Down	Rocklow Middle	Rocklow Up	BLANK
Client sampling date / time				13-Feb-2019 09:45	13-Feb-2019 08:25	13-Feb-2019 09:20	13-Feb-2019 09:00	13-Feb-2019 08:10	
Compound	CAS Number	LOR	Unit	EW1900611-016	EW1900611-017	EW1900611-018	EW1900611-019	EW1900611-020	
				Result	Result	Result	Result	Result	
<b>EA005FD: Field pH</b>									
pH	----	0.1	pH Unit	7.2	7.3	7.2	7.4	----	
<b>EA010FD: Field Conductivity</b>									
Electrical Conductivity (Non Compensated)	----	1	µS/cm	1920	53000	51000	38200	----	
<b>EA020FD: Field Salinity</b>									
Salinity	----	0.2	g/L	1.1	39.0	37.2	26.8	----	
<b>EA116: Temperature</b>									
Temperature	----	0.1	°C	20.7	20.2	20.4	20.6	----	
<b>ED037P: Alkalinity by PC Titrator</b>									
Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	<1	<1	----	
Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	<1	<1	----	
Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	638	163	180	189	----	
Total Alkalinity as CaCO3	----	1	mg/L	638	163	180	189	----	
<b>ED041G: Sulfate (Turbidimetric) as SO4 2- by DA</b>									
Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	<10	2360	2380	1730	----	
<b>ED045G: Chloride by Discrete Analyser</b>									
Chloride	16887-00-6	1	mg/L	210	19800	19200	13400	----	
<b>ED093F: Dissolved Major Cations</b>									
Calcium	7440-70-2	1	mg/L	82	----	----	----	----	
Magnesium	7439-95-4	1	mg/L	33	----	----	----	----	
Sodium	7440-23-5	1	mg/L	106	----	----	----	----	
Potassium	7440-09-7	1	mg/L	68	----	----	----	----	
<b>ED093T: Total Major Cations</b>									
Calcium	7440-70-2	1	mg/L	----	438	495	337	----	
Magnesium	7439-95-4	1	mg/L	----	1280	1410	899	----	
Sodium	7440-23-5	1	mg/L	----	10700	11800	7580	----	
Potassium	7440-09-7	1	mg/L	----	400	435	288	----	
<b>EG020F: Dissolved Metals by ICP-MS</b>									
Manganese	7439-96-5	0.001	mg/L	0.306	----	----	----	<0.001	
Iron	7439-89-6	0.05	mg/L	0.64	----	----	----	<0.05	
<b>EG020T: Total Metals by ICP-MS</b>									
Manganese	7439-96-5	0.001	mg/L	----	0.098	0.168	0.260	----	
Iron	7439-89-6	0.05	mg/L	----	0.24	0.41	0.56	----	



## Analytical Results

Sub-Matrix: WATER (Matrix: WATER)				Client sample ID	MD 10B	Rocklow Down	Rocklow Middle	Rocklow Up	BLANK
Client sampling date / time					13-Feb-2019 09:45	13-Feb-2019 08:25	13-Feb-2019 09:20	13-Feb-2019 09:00	13-Feb-2019 08:10
Compound	CAS Number	LOR	Unit		EW1900611-016	EW1900611-017	EW1900611-018	EW1900611-019	EW1900611-020
					Result	Result	Result	Result	Result
<b>EK040P: Fluoride by PC Titrator</b>									
Fluoride	16984-48-8	0.1	mg/L		1.0	1.3	1.2	1.0	----
<b>EK055G: Ammonia as N by Discrete Analyser</b>									
Ammonia as N	7664-41-7	0.01	mg/L		75.6	0.22	0.18	0.04	----
<b>EK057G: Nitrite as N by Discrete Analyser</b>									
Nitrite as N	14797-65-0	0.01	mg/L		<0.01	<0.01	<0.01	<0.01	----
<b>EK058G: Nitrate as N by Discrete Analyser</b>									
Nitrate as N	14797-55-8	0.01	mg/L		0.19	<0.01	<0.01	0.02	----
<b>EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser</b>									
Nitrite + Nitrate as N	----	0.01	mg/L		0.19	<0.01	<0.01	0.02	----
<b>EN055: Ionic Balance</b>									
Total Anions	----	0.01	meq/L		18.7	----	----	----	----
Total Cations	----	0.01	meq/L		18.6	----	----	----	----
Ionic Balance	----	0.01	%		0.45	----	----	----	----
<b>EP002: Dissolved Organic Carbon (DOC)</b>									
Dissolved Organic Carbon	----	1	mg/L		41	6	6	10	<1
<b>EP005: Total Organic Carbon (TOC)</b>									
Total Organic Carbon	----	1	mg/L		44	6	6	11	----
<b>EP025FD: Field Dissolved Oxygen</b>									
Dissolved Oxygen	----	0.01	mg/L		1.01	4.11	4.89	4.70	----
Dissolved Oxygen - % Saturation	----	0.1	% saturation		11.4	45.6	54.3	52.3	----
<b>EP035G: Total Phenol by Discrete Analyser</b>									
Phenols (Total)	----	0.05	mg/L		<0.05	<0.05	<0.05	<0.05	----
<b>FWI-EN/001: Groundwater Sampling - Depth</b>									
Depth	----	0.01	m		0.71	----	----	----	----