

QUALITY CONTROL REPORT

Work Order	: EP1611882	Page	: 1 of 7
Client	: GASCOYNE WATER COOPERATIVE LTD	Laboratory	: Environmental Division Perth
Contact	: MISS LISA HODSON	Contact	: Adrienne Sanders
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Project	: Water Samples NBF	Date Samples Received	: 08-Dec-2016
Order number	: 0018	Date Analysis Commenced	: 08-Dec-2016
C-O-C number	: ----	Issue Date	: 15-Dec-2016
Sampler	: ----		
Site	: ----		
Quote number	: EP/804/15		
No. of samples received	: 10		
No. of samples analysed	: 10		



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 Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percentage Difference (RPD) and Acceptance Limits
- Method Blank (MB) and Laboratory Control Spike (LCS) Report; Recovery and Acceptance Limits
- Matrix Spike (MS) Report; Recovery and Acceptance Limits

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>
Bek Simpfendorfer	Inorganic Supervisor	Perth Inorganics, Malaga, WA
Canhuang Ke	Metals Instrument Chemist	Perth Inorganics, Malaga, WA
Efua Wilson	Metals Chemist	Perth Inorganics, Malaga, WA
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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

Key :
 Anonymous = Refers to samples which are not specifically part of this work order but formed part of the QC process lot
 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
 RPD = Relative Percentage Difference
 # = Indicates failed QC

Laboratory Duplicate (DUP) Report

The quality control term Laboratory Duplicate refers to a randomly selected intralaboratory split. Laboratory duplicates provide information regarding method precision and sample heterogeneity. The permitted ranges for the Relative Percent Deviation (RPD) of Laboratory Duplicates are specified in ALS Method QWI-EN/38 and are dependent on the magnitude of results in comparison to the level of reporting: Result < 10 times LOR: No Limit; Result between 10 and 20 times LOR: 0% - 50%; Result > 20 times LOR: 0% - 20%.

Sub-Matrix: **WATER**

				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EA005P: pH by PC Titrator (QC Lot: 686253)									
EP1611881-002	Anonymous	EA005-P: pH Value	----	0.01	pH Unit	6.63	6.60	0.454	0% - 20%
EP1611882-009	Bore 3/14	EA005-P: pH Value	----	0.01	pH Unit	7.61	7.63	0.262	0% - 20%
EA010P: Conductivity by PC Titrator (QC Lot: 686254)									
EP1611881-002	Anonymous	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	7430	7400	0.396	0% - 20%
EP1611882-009	Bore 3/14	EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	830	826	0.605	0% - 20%
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QC Lot: 691086)									
EP1611847-001	Anonymous	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	536	540	0.558	0% - 20%
EP1611882-001	Bore 2/10	EA015H: Total Dissolved Solids @180°C	----	10	mg/L	768	754	1.90	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 686252)									
EP1611879-020	Anonymous	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	<1	<1	0.00	No Limit
EP1611881-002	Anonymous	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	97	103	5.67	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	97	103	5.67	0% - 20%
ED037P: Alkalinity by PC Titrator (QC Lot: 686255)									
EP1611887-010	Anonymous	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	24	24	0.00	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	24	24	0.00	0% - 20%
EP1611882-009	Bore 3/14	ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-001	1	mg/L	<1	<1	0.00	No Limit
		ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	<1	0.00	No Limit



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
ED037P: Alkalinity by PC Titrator (QC Lot: 686255) - continued									
EP1611882-009	Bore 3/14	ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	109	94	14.8	0% - 20%
		ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	109	94	14.8	0% - 20%
ED040F: Dissolved Major Anions (QC Lot: 684770)									
EP1611882-006	Bore 21/10	ED040F: Silicon	7440-21-3	0.05	mg/L	28.0	27.2	2.86	0% - 20%
EP1611848-002	Anonymous	ED040F: Silicon	7440-21-3	0.05	mg/L	9.57	9.39	1.90	0% - 20%
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QC Lot: 684768)									
EP1611882-006	Bore 21/10	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	85	85	0.00	0% - 20%
EP1611848-002	Anonymous	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	29	30	0.00	0% - 20%
ED045G: Chloride by Discrete Analyser (QC Lot: 684767)									
EP1611882-006	Bore 21/10	ED045G: Chloride	16887-00-6	1	mg/L	207	211	1.96	0% - 20%
EP1611848-002	Anonymous	ED045G: Chloride	16887-00-6	1	mg/L	45	47	4.69	0% - 20%
ED093F: Dissolved Major Cations (QC Lot: 687774)									
EP1611854-001	Anonymous	ED093F: Calcium	7440-70-2	1	mg/L	389	396	1.71	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	132	135	2.25	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	1020	1050	3.00	0% - 20%
		ED093F: Potassium	7440-09-7	1	mg/L	57	56	0.00	0% - 20%
EP1611882-002	Bore 3/10	ED093F: Calcium	7440-70-2	1	mg/L	60	59	1.99	0% - 20%
		ED093F: Magnesium	7439-95-4	1	mg/L	28	28	0.00	0% - 20%
		ED093F: Sodium	7440-23-5	1	mg/L	115	113	1.49	0% - 20%
		ED093F: Potassium	7440-09-7	1	mg/L	12	11	0.00	0% - 50%
EG020F: Dissolved Metals by ICP-MS (QC Lot: 687777)									
EP1611881-003	Anonymous	EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	0.0002	0.0002	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Manganese	7439-96-5	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Molybdenum	7439-98-7	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	0.023	0.023	0.00	No Limit
		EG020A-F: Aluminium	7429-90-5	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-F: Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-F: Boron	7440-42-8	0.05	mg/L	0.96	0.95	1.23	0% - 50%
EP1611882-009	Bore 3/14	EG020A-F: Iron	7439-89-6	0.05	mg/L	<0.05	<0.05	0.00	No Limit
		EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Manganese	7439-96-5	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-F: Molybdenum	7439-98-7	0.001	mg/L	0.001	<0.001	0.00	No Limit
		EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit

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 Work Order : EP1611882
 Client : GASCOYNE WATER COOPERATIVE LTD
 Project : Water Samples NBF



Sub-Matrix: WATER				Laboratory Duplicate (DUP) Report					
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)	Recovery Limits (%)
EG020F: Dissolved Metals by ICP-MS (QC Lot: 687777) - continued									
EP1611882-009	Bore 3/14	EG020A-F: Aluminium	7429-90-5	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-F: Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-F: Boron	7440-42-8	0.05	mg/L	0.24	0.23	5.35	No Limit
		EG020A-F: Iron	7439-89-6	0.05	mg/L	<0.05	<0.05	0.00	No Limit
EG020T: Total Metals by ICP-MS (QC Lot: 689269)									
EP1611870-027	Anonymous	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Manganese	7439-96-5	0.001	mg/L	0.103	0.105	1.67	0% - 20%
		EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	0.023	0.023	0.00	No Limit
		EG020A-T: Aluminium	7429-90-5	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-T: Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-T: Boron	7440-42-8	0.05	mg/L	<0.05	<0.05	0.00	No Limit
EG020A-T: Iron	7439-89-6	0.05	mg/L	1.47	1.50	1.98	0% - 20%		
EP1611882-005	Bore 20/10	EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	<0.0001	0.00	No Limit
		EG020A-T: Arsenic	7440-38-2	0.001	mg/L	0.007	0.006	0.00	No Limit
		EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Manganese	7439-96-5	0.001	mg/L	<0.001	<0.001	0.00	No Limit
		EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	0.007	0.007	0.00	No Limit
		EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	<0.005	0.00	No Limit
		EG020A-T: Aluminium	7429-90-5	0.01	mg/L	<0.01	0.02	0.00	No Limit
		EG020A-T: Selenium	7782-49-2	0.01	mg/L	<0.01	<0.01	0.00	No Limit
		EG020A-T: Boron	7440-42-8	0.05	mg/L	0.72	0.71	0.00	0% - 50%
EG020A-T: Iron	7439-89-6	0.05	mg/L	<0.05	<0.05	0.00	No Limit		
EK040P: Fluoride by PC Titrator (QC Lot: 686248)									
EP1611848-002	Anonymous	EK040P: Fluoride	16984-48-8	0.1	mg/L	0.3	0.3	0.00	No Limit
EP1611882-009	Bore 3/14	EK040P: Fluoride	16984-48-8	0.1	mg/L	0.3	0.2	0.00	No Limit
EK057G: Nitrite as N by Discrete Analyser (QC Lot: 684769)									
EP1611882-006	Bore 21/10	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.02	0.00	No Limit
EP1611848-002	Anonymous	EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.01	0.00	No Limit
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QC Lot: 684781)									
EP1611853-001	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	7.10	7.25	2.11	0% - 20%
EP1611882-002	Bore 3/10	EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	1.79	1.77	1.09	0% - 20%



Method Blank (MB) and Laboratory Control Spike (LCS) Report

The quality control term Method / Laboratory Blank refers to an analyte free matrix to which all reagents are added in the same volumes or proportions as used in standard sample preparation. The purpose of this QC parameter is to monitor potential laboratory contamination. The quality control term Laboratory Control Spike (LCS) refers to a certified reference material, or a known interference free matrix spiked with target analytes. The purpose of this QC parameter is to monitor method precision and accuracy independent of sample matrix. Dynamic Recovery Limits are based on statistical evaluation of processed LCS.

Sub-Matrix: **WATER**

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report	Laboratory Control Spike (LCS) Report				
				Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
						LCS	Low	High	
EA005P: pH by PC Titrator (QCLot: 686253)									
EA005-P: pH Value	----	----	pH Unit	----	4 pH Unit	101	99	102	
				----	7 pH Unit	100	99	102	
EA010P: Conductivity by PC Titrator (QCLot: 686254)									
EA010-P: Electrical Conductivity @ 25°C	----	1	µS/cm	<1	24800 µS/cm	96.2	95	105	
EA015: Total Dissolved Solids dried at 180 ± 5 °C (QCLot: 691086)									
EA015H: Total Dissolved Solids @180°C	----	10	mg/L	<10	2000 mg/L	104	83	111	
				<10	1000 mg/L	98.2	70	130	
ED037P: Alkalinity by PC Titrator (QCLot: 686252)									
ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-00 1	1	mg/L	<1	----	----	----	----	
ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	----	----	----	----	
ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	<1	----	----	----	----	
ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	<1	20 mg/L	105	76	126	
				<1	200 mg/L	98.6	90	106	
ED037P: Alkalinity by PC Titrator (QCLot: 686255)									
ED037-P: Hydroxide Alkalinity as CaCO3	DMO-210-00 1	1	mg/L	<1	----	----	----	----	
ED037-P: Carbonate Alkalinity as CaCO3	3812-32-6	1	mg/L	<1	----	----	----	----	
ED037-P: Bicarbonate Alkalinity as CaCO3	71-52-3	1	mg/L	<1	----	----	----	----	
ED037-P: Total Alkalinity as CaCO3	----	1	mg/L	<1	20 mg/L	121	76	126	
				<1	200 mg/L	100	90	106	
ED040F: Dissolved Major Anions (QCLot: 684770)									
ED040F: Silicon	7440-21-3	0.05	mg/L	<0.05	----	----	----	----	
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 684768)									
ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	1	mg/L	<1	25 mg/L	103	89	113	
				<1	100 mg/L	105	79	121	
ED045G: Chloride by Discrete Analyser (QCLot: 684767)									
ED045G: Chloride	16887-00-6	1	mg/L	<1	10 mg/L	104	84	120	
				<1	1000 mg/L	103	84	110	
ED093F: Dissolved Major Cations (QCLot: 687774)									
ED093F: Calcium	7440-70-2	1	mg/L	<1	50 mg/L	96.9	91	109	
ED093F: Magnesium	7439-95-4	1	mg/L	<1	50 mg/L	93.8	90	108	
ED093F: Sodium	7440-23-5	1	mg/L	<1	50 mg/L	97.9	87	111	
ED093F: Potassium	7440-09-7	1	mg/L	<1	50 mg/L	98.4	90	110	



Sub-Matrix: WATER

Method: Compound	CAS Number	LOR	Unit	Method Blank (MB) Report Result	Laboratory Control Spike (LCS) Report				
					Spike Concentration	Spike Recovery (%)		Recovery Limits (%)	
						LCS	Low	High	
EG020F: Dissolved Metals by ICP-MS (QCLot: 687777)									
EG020A-F: Aluminium	7429-90-5	0.01	mg/L	<0.01	0.5 mg/L	94.9	84	116	
EG020A-F: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	99.0	84	108	
EG020A-F: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	95.8	86	108	
EG020A-F: Copper	7440-50-8	0.001	mg/L	<0.001	0.1 mg/L	93.0	84	110	
EG020A-F: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	96.1	85	107	
EG020A-F: Manganese	7439-96-5	0.001	mg/L	<0.001	0.1 mg/L	96.7	85	109	
EG020A-F: Molybdenum	7439-98-7	0.001	mg/L	<0.001	0.1 mg/L	93.5	86	108	
EG020A-F: Selenium	7782-49-2	0.01	mg/L	<0.01	0.1 mg/L	107	88	112	
EG020A-F: Zinc	7440-66-6	0.005	mg/L	<0.005	0.1 mg/L	101	89	115	
EG020A-F: Boron	7440-42-8	0.05	mg/L	<0.05	0.1 mg/L	108	79	115	
EG020A-F: Iron	7439-89-6	0.05	mg/L	<0.05	0.5 mg/L	94.3	84	112	
EG020T: Total Metals by ICP-MS (QCLot: 689269)									
EG020A-T: Aluminium	7429-90-5	0.01	mg/L	<0.01	0.5 mg/L	96.6	86	116	
EG020A-T: Arsenic	7440-38-2	0.001	mg/L	<0.001	0.1 mg/L	93.2	83	107	
EG020A-T: Cadmium	7440-43-9	0.0001	mg/L	<0.0001	0.1 mg/L	92.8	83	107	
EG020A-T: Copper	7440-50-8	0.001	mg/L	<0.001	0.1 mg/L	87.5	85	111	
EG020A-T: Lead	7439-92-1	0.001	mg/L	<0.001	0.1 mg/L	94.3	85	109	
EG020A-T: Manganese	7439-96-5	0.001	mg/L	<0.001	0.1 mg/L	97.3	83	109	
EG020A-T: Molybdenum	7439-98-7	0.001	mg/L	<0.001	0.1 mg/L	99.6	84	120	
EG020A-T: Selenium	7782-49-2	0.01	mg/L	<0.01	0.1 mg/L	102	80	110	
EG020A-T: Zinc	7440-66-6	0.005	mg/L	<0.005	0.1 mg/L	89.5	81	103	
EG020A-T: Boron	7440-42-8	0.05	mg/L	<0.05	0.1 mg/L	96.8	80	110	
EG020A-T: Iron	7439-89-6	0.05	mg/L	<0.05	0.5 mg/L	98.6	82	112	
EK040P: Fluoride by PC Titrator (QCLot: 686248)									
EK040P: Fluoride	16984-48-8	0.1	mg/L	<0.1	5 mg/L	101	86	116	
EK057G: Nitrite as N by Discrete Analyser (QCLot: 684769)									
EK057G: Nitrite as N	14797-65-0	0.01	mg/L	<0.01	0.5 mg/L	103	86	112	
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 684781)									
EK059G: Nitrite + Nitrate as N	----	0.01	mg/L	<0.01	0.5 mg/L	105	92	112	

Matrix Spike (MS) Report

The quality control term Matrix Spike (MS) refers to an intralaboratory split sample spiked with a representative set of target analytes. The purpose of this QC parameter is to monitor potential matrix effects on analyte recoveries. Static Recovery Limits as per laboratory Data Quality Objectives (DQOs). Ideal recovery ranges stated may be waived in the event of sample matrix interference.

Sub-Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) Report				
				Spike Concentration	Spike Recovery(%)		Recovery Limits (%)	
					MS	Low	High	
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 684768)								



Sub-Matrix: **WATER**

				Matrix Spike (MS) Report			
				Spike	SpikeRecovery(%)	Recovery Limits (%)	
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Concentration	MS	Low	High
ED041G: Sulfate (Turbidimetric) as SO4 2- by DA (QCLot: 684768) - continued							
EP1611848-001	Anonymous	ED041G: Sulfate as SO4 - Turbidimetric	14808-79-8	100 mg/L	117	70	130
ED045G: Chloride by Discrete Analyser (QCLot: 684767)							
EP1611848-001	Anonymous	ED045G: Chloride	16887-00-6	1000 mg/L	102	70	130
EG020F: Dissolved Metals by ICP-MS (QCLot: 687777)							
EP1611882-001	Bore 2/10	EG020A-F: Arsenic	7440-38-2	0.2 mg/L	98.1	70	130
		EG020A-F: Cadmium	7440-43-9	0.05 mg/L	96.0	70	130
		EG020A-F: Copper	7440-50-8	0.2 mg/L	92.3	70	130
		EG020A-F: Lead	7439-92-1	0.2 mg/L	97.6	70	130
		EG020A-F: Manganese	7439-96-5	0.2 mg/L	99.2	70	130
		EG020A-F: Zinc	7440-66-6	0.2 mg/L	104	70	130
EG020T: Total Metals by ICP-MS (QCLot: 689269)							
EP1611870-028	Anonymous	EG020A-T: Arsenic	7440-38-2	1 mg/L	93.8	70	130
		EG020A-T: Cadmium	7440-43-9	0.25 mg/L	95.8	70	130
		EG020A-T: Copper	7440-50-8	1 mg/L	84.8	70	130
		EG020A-T: Lead	7439-92-1	1 mg/L	89.6	70	130
		EG020A-T: Manganese	7439-96-5	1 mg/L	98.0	70	130
		EG020A-T: Zinc	7440-66-6	1 mg/L	93.2	70	130
EK040P: Fluoride by PC Titrator (QCLot: 686248)							
EP1611848-003	Anonymous	EK040P: Fluoride	16984-48-8	4.9 mg/L	96.5	70	130
EK057G: Nitrite as N by Discrete Analyser (QCLot: 684769)							
EP1611848-001	Anonymous	EK057G: Nitrite as N	14797-65-0	0.5 mg/L	111	70	130
EK059G: Nitrite plus Nitrate as N (NOx) by Discrete Analyser (QCLot: 684781)							
EP1611853-002	Anonymous	EK059G: Nitrite + Nitrate as N	----	0.5 mg/L	# Not Determined	70	130