

Annex C

QA/QC Results



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1059804)								
HK0915274-001	MW1/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	5	5	0.0
HK0915274-014	NM1/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059805)								
HK0915274-030	ESC-WMB/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	8	7	0.0
HK0915274-046	ESC-WNAA/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	10	11	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059807)								
HK0915274-059	ESC-WNBB/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
HK0915274-075	ESC-WNBD/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059808)								
HK0915274-091	ESC-WNBC/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	9	9	0.0
HK0915274-104	ESC-WNBB/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	11	11	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059809)								
HK0915274-120	ESC-WNBA/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	8	8	0.0
HK0915274-136	NM2/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	20	19	5.9
EA/ED: Physical and Aggregate Properties (QC Lot: 1059810)								
HK0915274-149	NM1/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
HK0915274-165	NM3/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	3	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059811)								
HK0915274-181	ESC-WNAC/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	4	5	0.0
HK0915274-194	ESC-WNAD/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	3	3	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059812)								
HK0915274-210	NM5/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
HK0915274-226	NM6/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	14	14	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059813)								
HK0915274-239	ESC-WFB/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	8	7	14.7
HK0915274-255	NM6/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059815)								
HK0915274-271	NM5/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	9	10	0.0
HK0915274-284	ESC-WMA/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1059816)								
HK0915274-300	ESC-WNAC/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	3	3	0.0
HK0915274-316	NM3/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	18	18	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062437)								
HK0915274-014	NM1/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-029	ESC-WMB/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062438)								
HK0915274-059	ESC-WNBB/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
HK0915274-060	ESC-WNBB/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062439)								
HK0915274-075	ESC-WNBD/ ME / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-040	ESC-WNBA/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062440)								
HK0915274-101	ESC-WNBB/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.13	0.0
HK0915274-120	ESC-WNBA/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062441)								
HK0915274-137	NM2/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
HK0915274-150	NM1/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062442)								
HK0915274-303	ESC-WNAC/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-166	NM3/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062443)								
HK0915274-182	ESC-WNAC/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-195	ESC-WNAD/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062444)								
HK0915274-211	NM5/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.06	0.06	0.0
HK0915274-227	NM6/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062445)								
HK0915274-240	ESC-WFB/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-253	NM6/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062446)								
HK0915274-267	ESC-WFA/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0
HK0915274-280	ESC-WMA/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062447)								
HK0915274-309	ESC-WNAB/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915274-310	ESC-WNAB/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
EG: Metals and Major Cations (QC Lot: 1065072)								
HK0915274-002	MW1/ ME / R1 / M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	5	6	17.1
		EG020: Lead	7439-92-1	1	µg/L	1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
EG020: Zinc	7440-66-6	4	µg/L	8	9	0.0		
EG: Metals and Major Cations (QC Lot: 1065077)								
HK0915274-022	NM2/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1065077) - Continued								
HK0915274-022	NM2/ ME / R2 / B	EG020: Nickel	7440-02-0	1	µg/L	<1	<1	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1065082)								
HK0915274-042	ESC-WNBA/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	6	6	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Zinc	7440-66-6	4	µg/L	5	<4	0.0
EG: Metals and Major Cations (QC Lot: 1065083)								
HK0915274-062	ESC-WNBB/ ME /R3 /M	EG020: Zinc	7440-66-6	4	µg/L	9	9	0.0
EG: Metals and Major Cations (QC Lot: 1065093)								
HK0915274-082	ESC-WNBD/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	1.0	1.0	0.0
		EG020: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Zinc	7440-66-6	4	µg/L	4	4	0.0
EG: Metals and Major Cations (QC Lot: 1065094)								
HK0915274-102	ESC-WNBB/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	33	35	5.9
		EG020: Lead	7439-92-1	1	µg/L	2	2	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	3	0.0
		EG020: Zinc	7440-66-6	4	µg/L	14	15	9.2
EG: Metals and Major Cations (QC Lot: 1065098)								
HK0915274-122	ESC-WNBA/ MF /R2 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	4	5	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1065098) - Continued								
HK0915274-122	ESC-WNBA/ MF /R2 / M	EG020: Arsenic	7440-38-2	2	µg/L	<2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	4	5	0.0
EG: Metals and Major Cations (QC Lot: 1065099)								
HK0915274-142	NM2/ MF / R3 / B	EG020: Zinc	7440-66-6	4	µg/L	6	7	15.4
EG: Metals and Major Cations (QC Lot: 1065105)								
HK0915274-162	MW1/ MF / R3 / S	EG020: Zinc	7440-66-6	4	µg/L	10	12	18.2
EG: Metals and Major Cations (QC Lot: 1065106)								
HK0915274-182	ESC-WNAC/ ME / R1 / M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0		
EG: Metals and Major Cations (QC Lot: 1065107)								
HK0915274-202	ESC-WMA/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	4	4	0.0		
EG: Metals and Major Cations (QC Lot: 1065108)								
HK0915274-222	ESC-WFA/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0		
EG: Metals and Major Cations (QC Lot: 1065115)								
HK0915274-242	ESC-WFB/ ME /R3 /M	EG020: Zinc	7440-66-6	4	µg/L	7	7	0.0
EG: Metals and Major Cations (QC Lot: 1065116)								
HK0915274-262	ESC-WFA/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1065116) - Continued								
HK0915274-262	ESC-WFA/ MF / R1 / B	EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	7	7	0.0
EG: Metals and Major Cations (QC Lot: 1065118)								
HK0915274-282	ESC-WMA/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0		
EG: Metals and Major Cations (QC Lot: 1065119)								
HK0915274-302	ESC-WNAC/ MF /R2 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	14	15	0.0
		EG020: Lead	7439-92-1	1	µg/L	3	3	0.0
		EG020: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	12	14	10.7
EG: Metals and Major Cations (QC Lot: 1065126)								
HK0915274-322	NM3/ MF / R3 / B	EG020: Zinc	7440-66-6	4	µg/L	16	16	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER				Method Blank (MB) Report		Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentratio	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1059804)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059805)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059807)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	105	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059808)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059809)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	99.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1059810)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059811)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	98.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059812)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059813)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059815)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1059816)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	103	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062437)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062438)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.5	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062439)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062440)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062441)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062442)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062443)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.7	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062444)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.9	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062445)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062446)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062447)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065072)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	96.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	91.6	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
		LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number					LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065072) - Continued											
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	94.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	87.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	85.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065077)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	88.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.6	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065082)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	88.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	95.6	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065083)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	100	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	85.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	95.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	94.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	105	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065093)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	98.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	88.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	95.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration <i>n</i>	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065093) - Continued											
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	94.6	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065094)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	113	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	88.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	86.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	87.8	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065098)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	105	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.1	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	94.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	88.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065099)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	86.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	90.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065105)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	99.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	89.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065106)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration <i>n</i>	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065106) - Continued											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	95.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	87.3	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065107)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	85.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	89.9	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	90.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065108)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	90.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	99.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	94.3	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	90.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065115)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	99.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	95.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.2	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065116)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	105	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	103	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065116) - Continued											
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	114	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	86.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065118)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	103	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	85.6	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065119)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	99.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	90.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.6	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1065126)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	105	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	110	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	90.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	93.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060734)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060735)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	85.8	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060736)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP: Aggregate Organics (QC Lot: 1060736) - Continued											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060737)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	87.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060738)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	86.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060739)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060740)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	87.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060741)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060742)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060743)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060744)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060745)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060746)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	95.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060747)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	86.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060748)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.4	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP: Aggregate Organics (QC Lot: 1060749)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060750)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.9	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER					Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)		
					MS	MSD	Low	High	Value	Control Limit	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062437)											
HK0915274-031	ESC-WMB/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	122	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062438)											
HK0915274-060	ESC-WNBB/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	94.0	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062439)											
HK0915274-075	ESC-WNBD/ ME / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	114	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062440)											
HK0915274-109	ESC-WNAA/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062441)											
HK0915274-122	ESC-WNBA/ MF /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	114	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062442)											
HK0915274-138	NM2/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	124	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062443)											
HK0915274-244	ESC-WFB/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062444)											
HK0915274-167	NM3/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062445)											
HK0915274-183	ESC-WNAC/ ME / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	104	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062446)											
HK0915274-254	NM6/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	104	----	75	125	----	----	
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062447)											
HK0915274-281	ESC-WMA/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	118	----	75	125	----	----	
EG: Metals and Major Cations (QC Lot: 1065072)											
HK0915274-001	MW1/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	78.0	----	75	125	----	----	
		EG020: Cadmium	7440-43-9	10 µg/L	87.0	----	75	125	----	----	
		EG020: Copper	7440-50-8	10 µg/L	76.7	----	75	125	----	----	



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065072) - Continued										
HK0915274-001	MW1/ ME / R1 / B	EG020: Lead	7439-92-1	10 µg/L	77.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	97.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	87.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	89.6	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	87.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065077)										
HK0915274-021	NM2/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	82.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	80.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	100	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	81.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	98.2	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	79.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	92.4	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	79.0	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065082)										
HK0915274-041	ESC-WNBA/ ME /R2 /M	EG020: Arsenic	7440-38-2	10 µg/L	83.8	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	80.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	92.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	89.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.4	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	77.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	94.2	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	81.1	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065083)										
HK0915274-061	ESC-WNBB/ ME / R3 / B	EG020: Arsenic	7440-38-2	10 µg/L	80.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	80.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	105	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	80.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	98.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	98.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	93.8	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	115	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065093)										
HK0915274-081	ESC-WNBD/ ME / R3 / S	EG020: Arsenic	7440-38-2	10 µg/L	80.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	80.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	99.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	80.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065093) - Continued										
HK0915274-081	ESC-WNBD/ ME / R3 / S	EG020: Nickel	7440-02-0	10 µg/L	98.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	87.1	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065094)										
HK0915274-101	ESC-WNBB/ MF / R1 / M	EG020: Arsenic	7440-38-2	10 µg/L	106	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	87.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	99.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	99.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	88.6	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	83.6	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	101	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065098)										
HK0915274-121	ESC-WNBA/ MF / R2 / B	EG020: Arsenic	7440-38-2	10 µg/L	99.2	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	91.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	102	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	104	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	83.8	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	82.4	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	104	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065099)										
HK0915274-141	NM2/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	96.5	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	99.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	89.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	110	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	89.8	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	87.6	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	111	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065105)										
HK0915274-161	MW1/ MF /R3 /M	EG020: Arsenic	7440-38-2	10 µg/L	80.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	106	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	102	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	106	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	94.4	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.8	----	75	125	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065105) - Continued										
HK0915274-161	MW1/ MF /R3 /M	EG020: Zinc	7440-66-6	10 µg/L	114	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065106)										
HK0915274-181	ESC-WNAC/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	84.5	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	99.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	108	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	110	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	100	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	81.4	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	100	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065107)										
HK0915274-201	ESC-WMA/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	92.5	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	108	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	101	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	120	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	99.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	91.5	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	109	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065108)										
HK0915274-221	ESC-WFA/ ME /R2 /M	EG020: Arsenic	7440-38-2	10 µg/L	85.3	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	120	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	103	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	120	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	95.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	83.1	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	91.8	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	101	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065115)										
HK0915274-241	ESC-WFB/ ME / R3 / B	EG020: Arsenic	7440-38-2	10 µg/L	100	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	103	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	83.4	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	99.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	98.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	90.5	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	109	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1065116)										



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1065116) - Continued										
HK0915274-261	NM6/ MF / R3 / S	EG020: Arsenic	7440-38-2	10 µg/L	90.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	106	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	85.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	100	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	113	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.6	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	86.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065118)										
HK0915274-281	ESC-WMA/ MF / R1 / M	EG020: Arsenic	7440-38-2	10 µg/L	102	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	111	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	94.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	116	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	90.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	98.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.7	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	124	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065119)										
HK0915274-301	ESC-WNAC/ MF / R2 / B	EG020: Arsenic	7440-38-2	10 µg/L	103	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	105	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	103	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	110	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	85.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	95.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	92.7	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	110	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1065126)										
HK0915274-321	NM3/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	93.4	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	111	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	100	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	113	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	100	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	89.7	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	120	----	75	125	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1058562)								
HK0915111-001	MW1/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	8	7	0.0
HK0915111-016	NM2/ ME / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058563)								
HK0915111-031	ESC-WNBA/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
HK0915111-046	ESC-WMB/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058564)								
HK0915111-061	ESC-WNBD/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
HK0915111-076	ESC-WNBC/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	3	4	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058565)								
HK0915111-091	ESC-WNBD/ MF / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	8	9	0.0
HK0915111-106	ESC-WNBB/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058566)								
HK0915111-121	ESC-WNBA/ MF / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	5	5	0.0
HK0915111-136	NM2/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	32	31	4.3
EA/ED: Physical and Aggregate Properties (QC Lot: 1058567)								
HK0915111-151	MW1/ MF / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	5	5	0.0
HK0915111-166	ESC-WNAB/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	6	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058568)								
HK0915111-181	NM3/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	5	6	0.0
HK0915111-196	NM5/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	23	25	9.1
EA/ED: Physical and Aggregate Properties (QC Lot: 1058570)								
HK0915111-211	ESC-WMA/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
HK0915111-226	ESC-WFA/ ME/ R1 /M	EA025: Suspended Solids (SS)	----	2	mg/L	10	9	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058571)								
HK0915111-241	ESC-WFB/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
HK0915111-256	NM6/ MF / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	10	11	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058574)								
HK0915111-271	NM5/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	14	13	0.0
HK0915111-286	ESC-WNAD/ MF / R1 / M	EA025: Suspended Solids (SS)	----	2	mg/L	8	8	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1058575)								
HK0915111-301	ESC-WNAB/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	18	18	0.0
HK0915111-316	ESC-WNAC/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	6	6	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058843)								
HK0915111-010	MW1/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
HK0915111-040	ESC-WNBA/ ME /R1 /M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058844)								
HK0915111-020	MW1/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915111-050	ESC-WNBA/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058845)								
HK0915111-070	ESC-WNBD/ ME /R1 /M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
HK0915111-080	ESC-WNBD/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058846)								
HK0915111-100	ESC-WNBD/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915111-110	ESC-WNAA/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058847)								
HK0915111-230	NM6/ ME / R2 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915111-140	NM1/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058848)								
HK0915111-160	MW1/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
HK0915111-170	ESC-WNAC/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.05	0.05	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058849)								
HK0915111-190	ESC-WNAD/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
HK0915111-200	ESC-WNAD/ ME / R2 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058850)								
HK0915111-220	NM6/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915111-250	ESC-WFA/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.07	0.07	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058851)								
HK0915111-260	ESC-WFA/ MF/ R2 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
HK0915111-130	ESC-WNBA/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058852)								
HK0915111-280	NM5/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
HK0915111-290	NM5/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058853)								
HK0915111-310	ESC-WNAB/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
HK0915111-320	ESC-WNAB/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
EG: Metals and Major Cations (QC Lot: 1062449)								
HK0915111-002	MW1/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
EG020: Zinc	7440-66-6	4	µg/L	38	38	0.0		
EG: Metals and Major Cations (QC Lot: 1062450)								
HK0915111-022	NM1/ ME / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	32	30	6.4
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1062450) - Continued								
HK0915111-022	NM1/ ME / R1 / S	EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	36	36	0.0
EG: Metals and Major Cations (QC Lot: 1062451)								
HK0915111-042	ESC-WNBA/ ME/ R3 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	12	9	24.8
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	13	14	8.5		
EG: Metals and Major Cations (QC Lot: 1062452)								
HK0915111-062	ESC-WNBD/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	<1	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	30	33	9.5		
EG: Metals and Major Cations (QC Lot: 1062455)								
HK0915111-082	ESC-WNBD/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	23	19	19.0		
EG: Metals and Major Cations (QC Lot: 1062456)								
HK0915111-102	ESC-WNBD/ MF / R3 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	22	26	16.7		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1062457)								
HK0915111-122	ESC-WNBA/ MF /R2 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	30	28	7.2
EG: Metals and Major Cations (QC Lot: 1062458)								
HK0915111-142	MW1/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	<1	<1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	24	26	8.0
EG: Metals and Major Cations (QC Lot: 1062460)								
HK0915111-162	MW1/ MF / R3 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	18	18	0.0
EG: Metals and Major Cations (QC Lot: 1062461)								
HK0915111-182	NM3/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	36	37	2.7
EG: Metals and Major Cations (QC Lot: 1062465)								
HK0915111-202	ESC-WMA/ ME/ R1 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG020: Lead	7439-92-1	1	µg/L	3	3	0.0



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1062465) - Continued								
HK0915111-202	ESC-WMA/ ME/ R1 /M	EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	42	42	0.0
EG: Metals and Major Cations (QC Lot: 1062466)								
HK0915111-222	NM6/ ME / R3 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	30	31	3.3		
EG: Metals and Major Cations (QC Lot: 1062467)								
HK0915111-242	ESC-WFB/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	2	0.0
EG020: Zinc	7440-66-6	4	µg/L	29	27	7.1		
EG: Metals and Major Cations (QC Lot: 1062468)								
HK0915111-262	ESC-WFB/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	24	20	18.2		
EG: Metals and Major Cations (QC Lot: 1062469)								
HK0915111-282	NM5/ MF / R3 / M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	8	9	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	4	4	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
EG020: Zinc	7440-66-6	4	µg/L	48	48	0.0		



Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1062471)								
HK0915111-302	ESC-WNAB/ MF / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	33	29	12.9
EG: Metals and Major Cations (QC Lot: 1062473)								
HK0915111-322	NM3/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	4	4	0.0
		EG020: Lead	7439-92-1	1	µg/L	1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	20	18	10.5

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentratio	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1058562)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058563)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058564)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	90.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058565)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	91.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058566)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058567)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058568)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	104	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058570)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	106	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058571)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1058571) - Continued											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058574)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	102	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1058575)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	94.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058843)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	94.2	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058844)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.6	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058845)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058846)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	93.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058847)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	95.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058848)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058849)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058850)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	106	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058851)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058852)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	102	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058853)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062449)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	87.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	99.9	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	99.8	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	105	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.8	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	95.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	99.7	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062450)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062450) - Continued											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	97.4	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.3	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	97.4	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	86.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	94.4	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	93.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062451)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	89.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	102	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	91.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	90.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062452)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	87.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	103	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	91.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	87.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	108	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062455)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	87.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	90.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.4	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	91.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.3	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	87.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062456)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	87.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
		LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number					LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062456) - Continued											
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	91.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	86.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	90.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062457)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	97.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	88.5	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	94.3	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062458)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.3	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	95.4	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	88.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062460)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	98.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	93.1	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.4	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.1	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.3	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.8	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	97.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062461)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	98.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	94.5	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.1	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	100	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
		LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number					LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062461) - Continued											
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	91.2	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062465)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	94.5	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	87.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	90.2	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	93.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	88.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062466)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	98.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	114	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	87.9	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	90.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	92.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062467)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	106	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	114	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	87.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	95.1	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062468)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	88.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	99.0	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	99.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	97.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	88.9	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062469)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062469) - Continued											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.6	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	93.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	99.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	89.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	100	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062471)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	114	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.9	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	114	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	87.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	89.7	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	110	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1062473)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	114	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	85.0	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	88.9	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	90.0	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060717)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	102	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060718)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	95.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060719)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	86.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060720)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060721)											



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration n	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP: Aggregate Organics (QC Lot: 1060721) - Continued											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	94.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060722)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060723)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060724)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	86.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060725)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060726)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	91.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060727)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060728)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060729)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	100	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060730)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	87.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060731)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	91.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060732)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	96.5	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1060733)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	92.4	----	85	115	----	----



Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER

				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058843)										
HK0915111-001	MW1/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	88.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058844)										
HK0915111-011	MW1/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058845)										
HK0915111-031	ESC-WNBA/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	92.4	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058846)										
HK0915111-041	ESC-WNBA/ ME / R2 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	86.7	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058847)										
HK0915111-091	ESC-WNBD/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	78.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058848)										
HK0915111-131	ESC-WNBA/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	88.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058849)										
HK0915111-151	MW1/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	86.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058850)										
HK0915111-181	NM3/ ME / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	98.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058851)										
HK0915111-191	ESC-WNAD/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058852)										
HK0915111-251	ESC-WFA/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	108	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1058853)										
HK0915111-281	NM5/ MF /R2 / M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	92.9	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062449)										
HK0915111-001	MW1/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	80.4	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	100	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	98.7	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	100	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	87.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	99.4	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	91.2	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	99.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062450)										
HK0915111-021	MW1/ ME / R3 / S	EG020: Arsenic	7440-38-2	10 µg/L	81.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	96.2	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	118	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	90.7	----	75	125	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062450) - Continued										
HK0915111-021	MW1/ ME / R3 / S	EG020: Mercury	7439-97-6	2 µg/L	88.3	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	118	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	94.1	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	92.4	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062451)										
HK0915111-041	ESC-WNBA/ ME / R2 / M	EG020: Arsenic	7440-38-2	10 µg/L	76.5	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	94.4	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	111	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	99.8	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	92.7	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	95.3	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	87.1	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	106	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062452)										
HK0915111-061	ESC-WNBD/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	88.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	88.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	96.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	101	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	91.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	84.4	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.1	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	90.0	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062455)										
HK0915111-081	ESC-WNBD/ ME / R3 / S	EG020: Arsenic	7440-38-2	10 µg/L	81.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	82.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	90.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	101	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	92.4	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	88.5	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	88.2	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	80.0	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062456)										
HK0915111-101	ESC-WNBD/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	75.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	85.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	81.1	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	88.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	86.0	----	75	125	----	----
EG020: Nickel	7440-02-0	10 µg/L	86.6	----	75	125	----	----		



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062456) - Continued										
HK0915111-101	ESC-WNBD/ MF / R2 / S	EG020: Silver	7440-22-4	100 µg/L	83.6	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	102	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062457)										
HK0915111-121	ESC-WNBA/ MF / R1 / M	EG020: Arsenic	7440-38-2	10 µg/L	77.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	94.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	85.1	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	103	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	86.6	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	79.8	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	89.5	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	106	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062458)										
HK0915111-141	NM1/ MF / R3 / B	EG020: Arsenic	7440-38-2	10 µg/L	100	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	88.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	102	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	102	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	88.4	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	83.9	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.2	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	110	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062460)										
HK0915111-161	MW1/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	86.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	84.3	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	86.9	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	92.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	92.8	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	75.1	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	90.5	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	# Not Determined	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1062461)										
HK0915111-181	NM3/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	79.8	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	98.0	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	82.7	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	98.8	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	85.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	79.8	----	75	125	----	----
EG020: Silver	7440-22-4	100 µg/L	90.7	----	75	125	----	----		



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062461) - Continued										
HK0915111-181	NM3/ ME / R1 / S	EG020: Zinc	7440-66-6	10 µg/L	80.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062465)										
HK0915111-201	ESC-WNAD/ ME/ R3 /M	EG020: Zinc	7440-66-6	10 µg/L	90.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062466)										
HK0915111-221	NM6/ ME / R2 / B	EG020: Arsenic	7440-38-2	10 µg/L	95.3	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	103	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	108	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	114	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	84.8	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	88.4	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	90.1	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	# Not Determined	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062467)										
HK0915111-241	ESC-WFB/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	76.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	100	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	100	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	105	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	85.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	89.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.6	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062468)										
HK0915111-261	ESC-WFA/ MF / R3 / M	EG020: Zinc	7440-66-6	10 µg/L	110	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062469)										
HK0915111-281	NM5/ MF /R2 / M	EG020: Arsenic	7440-38-2	10 µg/L	98.5	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	84.1	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	84.2	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	111	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	86.2	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	98.9	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	87.2	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	110	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062471)										
HK0915111-301	ESC-WNAB/ MF / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	103	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	101	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	88.1	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	109	----	75	125	----	----



Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1062471) - Continued										
HK0915111-301	ESC-WNAB/ MF / R1 / B	EG020: Mercury	7439-97-6	2 µg/L	86.7	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	83.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	91.2	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	80.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1062473)										
HK0915111-321	ESC-WNAB/ MF / R3 / S	EG020: Zinc	7440-66-6	10 µg/L	80.0	----	75	125	----	----



Laboratory Duplicate (DUP) Report

Matrix: WATER				Laboratory Duplicate (DUP) Report				
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EA/ED: Physical and Aggregate Properties (QC Lot: 1063267)								
HK0915410-001	MW1/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
HK0915410-014	NM1/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	5	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063268)								
HK0915410-030	ESC-WMB/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
HK0915410-046	ESC-WNAA/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	11	10	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063269)								
HK0915410-059	ESC-WNBB/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	11	12	0.0
HK0915410-075	ESC-WNBD/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	4	5	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063270)								
HK0915410-091	ESC-WNBC/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	14	15	11.5
HK0915410-104	ESC-WNBB/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	14	14	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063271)								
HK0915410-120	ESC-WNBA/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	6	5	0.0
HK0915410-136	NM2/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063272)								
HK0915410-149	NM1/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	4	4	0.0
HK0915410-165	NM3/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	2	2	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063273)								
HK0915410-181	ESC-WNAC/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	14	15	0.0
HK0915410-194	ESC-WNAD/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	12	13	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063274)								
HK0915410-210	NM5/ ME / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	5	6	0.0
HK0915410-226	NM6/ ME / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	3	2	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063275)								
HK0915410-239	ESC-WFB/ ME /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	5	4	0.0
HK0915410-255	NM6/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	7	7	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063276)								
HK0915410-271	NM5/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	9	10	0.0
HK0915410-284	ESC-WMA/ MF /R2 /M	EA025: Suspended Solids (SS)	----	2	mg/L	9	10	0.0
EA/ED: Physical and Aggregate Properties (QC Lot: 1063277)								
HK0915410-300	ESC-WNAC/ MF / R1 / S	EA025: Suspended Solids (SS)	----	2	mg/L	3	4	0.0
HK0915410-316	NM3/ MF / R1 / B	EA025: Suspended Solids (SS)	----	2	mg/L	14	12	10.4
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062386)								
HK0915410-013	NM1/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915410-029	ESC-WMB/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062387)								
HK0915410-042	ESC-WNBA/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915410-058	ESC-WNBB/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.09	0.09	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062388)								
HK0915410-074	ESC-WNBD/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0



Matrix: WATER					Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062388) - Continued								
HK0915410-103	ESC-WNBB/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.13	0.13	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062389)								
HK0915410-087	ESC-WNBD/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.04	0.04	0.0
HK0915410-119	ESC-WNBA/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062390)								
HK0915410-132	ESC-WMB/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915410-148	NM1/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062391)								
HK0915410-164	NM3/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
HK0915410-193	ESC-WNAD/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062392)								
HK0915410-209	NM5/ ME / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
HK0915410-222	ESC-WFA/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062393)								
HK0915410-177	ESC-WNAB/ ME / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
HK0915410-238	ESC-WFB/ ME / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062394)								
HK0915410-267	ESC-WFA/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
HK0915410-254	NM6/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.02	0.02	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062395)								
HK0915410-299	ESC-WNAC/ MF / R1 / M	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0
HK0915410-283	ESC-WMA/ MF / R2 / B	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.03	0.03	0.0
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062396)								
HK0915410-328	ESC-WFA/ MF / R2 / S FIELD DUPLICATE	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	0.01	0.01	0.0
HK0915410-312	ESC-WNAB/ MF / R2 / S	EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	<0.01	0.0
EG: Metals and Major Cations (QC Lot: 1069753)								
HK0915410-002	MW1/ ME / R1 / M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	9	11	20.0
		EG020: Lead	7439-92-1	1	µg/L	1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	12	12	0.0
EG: Metals and Major Cations (QC Lot: 1069754)								
HK0915410-022	NM2/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	1	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0



Matrix: WATER					Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1069754) - Continued								
HK0915410-022	NM2/ ME / R2 / B	EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	5	24.0
EG: Metals and Major Cations (QC Lot: 1069755)								
HK0915410-042	ESC-WNBA/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	7	6	0.0
		EG020: Lead	7439-92-1	1	µg/L	1	1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	3	0.0
		EG020: Zinc	7440-66-6	4	µg/L	5	5	0.0
EG: Metals and Major Cations (QC Lot: 1069756)								
HK0915410-062	ESC-WNBB/ ME /R3 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Lead	7439-92-1	1	µg/L	1	1	0.0
		EG020: Zinc	7440-66-6	4	µg/L	8	8	0.0
EG: Metals and Major Cations (QC Lot: 1069757)								
HK0915410-082	ESC-WNBD/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	1	1	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	21	21	0.0
EG: Metals and Major Cations (QC Lot: 1069758)								
HK0915410-102	ESC-WNBB/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	6	6	0.0
		EG020: Lead	7439-92-1	1	µg/L	2	2	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	7	6	15.4
EG: Metals and Major Cations (QC Lot: 1069759)								
HK0915410-122	ESC-WNBA/ MF /R2 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	3	3	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	6	7	0.0
EG: Metals and Major Cations (QC Lot: 1069760)								



Matrix: WATER					Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1069760) - Continued								
HK0915410-142	NM2/ MF / R3 / B	EG020: Zinc	7440-66-6	4	µg/L	<4	4	0.0
EG: Metals and Major Cations (QC Lot: 1069761)								
HK0915410-162	MW1/ MF / R3 / S	EG020: Zinc	7440-66-6	4	µg/L	10	10	0.0
EG: Metals and Major Cations (QC Lot: 1069762)								
HK0915410-182	ESC-WNAC/ ME / R1 / M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	6	6	0.0
		EG020: Lead	7439-92-1	1	µg/L	1	2	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	6	7	0.0
EG: Metals and Major Cations (QC Lot: 1069763)								
HK0915410-202	ESC-WMA/ ME / R2 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	1	1	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1069764)								
HK0915410-222	ESC-WFA/ ME / R2 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1069765)								
HK0915410-242	ESC-WFB/ ME /R3 /M	EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1069766)								
HK0915410-262	ESC-WFA/ MF / R1 / B	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	5	4	0.0
		EG020: Lead	7439-92-1	1	µg/L	3	3	0.0
		EG020: Nickel	7440-02-0	1	µg/L	5	4	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	8	8	0.0
EG: Metals and Major Cations (QC Lot: 1069767)								
HK0915410-282	ESC-WMA/ MF / R1 / S	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0



Matrix: WATER					Laboratory Duplicate (DUP) Report			
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	LOR	Unit	Original Result	Duplicate Result	RPD (%)
EG: Metals and Major Cations (QC Lot: 1069767) - Continued								
HK0915410-282	ESC-WMA/ MF / R1 / S	EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	3	3	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	2	3	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1069768)								
HK0915410-302	ESC-WNAC/ MF /R2 /M	EG020: Mercury	7439-97-6	0.1	µg/L	<0.1	<0.1	0.0
		EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	<0.2	0.0
		EG020: Copper	7440-50-8	1	µg/L	2	2	0.0
		EG020: Lead	7439-92-1	1	µg/L	<1	<1	0.0
		EG020: Nickel	7440-02-0	1	µg/L	2	2	0.0
		EG020: Silver	7440-22-4	1	µg/L	<1	<1	0.0
		EG020: Arsenic	7440-38-2	2	µg/L	<2	<2	0.0
		EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0
EG: Metals and Major Cations (QC Lot: 1069769)								
HK0915410-322	NM3/ MF / R3 / B	EG020: Zinc	7440-66-6	4	µg/L	<4	<4	0.0

Method Blank (MB), Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report

Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1063267)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	85.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063268)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	87.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063269)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	86.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063270)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.5	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063271)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063272)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	100	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063273)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	96.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063274)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	108	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063275)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	95.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EA/ED: Physical and Aggregate Properties (QC Lot: 1063276)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	86.0	----	85	115	----	----
EA/ED: Physical and Aggregate Properties (QC Lot: 1063277)											
EA025: Suspended Solids (SS)	----	2	mg/L	<2	20 mg/L	97.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062386)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062387)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	89.0	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062388)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062389)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062390)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	99.8	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062391)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	91.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062392)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	89.4	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062393)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.7	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062394)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.2	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062395)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.5	----	85	115	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062396)											
EK055A: Ammonia as N	7664-41-7	0.01	mg/L	<0.01	0.5 mg/L	98.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069753)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	105	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	98.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	109	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069754)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)
Method: Compound						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069754) - Continued											
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	102	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	95.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	109	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069755)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	111	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	100 µg/L	89.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	109	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069756)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	112	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	106	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	108	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	110	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069757)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	112	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	100	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	104	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069758)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	85.5	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	112	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	88.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	90.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	106	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069759)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
		LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
Method: Compound	CAS Number					LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069759) - Continued											
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	100	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	88.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	112	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	100	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	112	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069760)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	105	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	104	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	107	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	89.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	109	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	98.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	112	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069761)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.7	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	92.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	89.5	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069762)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.7	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	88.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	87.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	89.4	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069763)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	102	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.7	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	105	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	89.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	93.2	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
		CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069763) - Continued											
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	89.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069764)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.6	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	98.2	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	96.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	92.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.1	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	101	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069765)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	95.0	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.7	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	89.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	88.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	88.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	102	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	101	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069766)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	91.1	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	89.7	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	92.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	86.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	89.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	92.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	92.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	98.0	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069767)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	105	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	90.8	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	92.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	107	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069768)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	105	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	94.6	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	95.0	----	85	115	----	----



Matrix: WATER		Method Blank (MB) Report			Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report						
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069768) - Continued											
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	90.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	98.0	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	94.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	112	----	85	115	----	----
EG: Metals and Major Cations (QC Lot: 1069769)											
EG020: Arsenic	7440-38-2	10	µg/L	<2	10 µg/L	100	----	85	115	----	----
EG020: Cadmium	7440-43-9	0.2	µg/L	<0.2	10 µg/L	101	----	85	115	----	----
EG020: Copper	7440-50-8	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Lead	7439-92-1	1	µg/L	<1	10 µg/L	98.0	----	85	115	----	----
EG020: Mercury	7439-97-6	0.5	µg/L	<0.1	2 µg/L	90.5	----	85	115	----	----
EG020: Nickel	7440-02-0	1	µg/L	<1	10 µg/L	101	----	85	115	----	----
EG020: Silver	7440-22-4	1	µg/L	<1	10 µg/L	91.0	----	85	115	----	----
EG020: Zinc	7440-66-6	10	µg/L	<4	10 µg/L	109	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063367)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	97.0	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063368)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	96.0	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063369)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	97.0	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063370)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	86.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063371)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	91.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063372)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	88.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063373)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	91.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063374)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	89.4	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063375)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	104	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063376)											



Matrix: WATER		Method Blank (MB) Report				Laboratory Control Spike (LCS) and Laboratory Control Spike Duplicate (DCS) Report					
Method: Compound	CAS Number	LOR	Unit	Result	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
						LCS	DCS	Low	High	Value	Control Limit
EP: Aggregate Organics (QC Lot: 1063376) - Continued											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	94.2	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063377)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	97.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063378)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.9	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063379)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	108	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063380)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	100	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063381)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	108	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063382)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	90.3	----	85	115	----	----
EP: Aggregate Organics (QC Lot: 1063383)											
EP030: Biochemical Oxygen Demand	----	2	mg/L	----	198 mg/L	107	----	85	115	----	----

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Matrix: WATER				Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062386)										
HK0915410-030	ESC-WMB/ ME / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	102	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062387)										
HK0915410-046	ESC-WNAA/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	106	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062388)										
HK0915410-059	ESC-WNBB/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	94.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062389)										
HK0915410-091	ESC-WNBC/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062390)										
HK0915410-120	ESC-WNBA/ MF / R1 / S	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	84.0	----	75	125	----	----



Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
				Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062391)										
HK0915410-136	NM2/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	116	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062392)										
HK0915410-181	ESC-WNAC/ ME / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	78.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062393)										
HK0915410-194	ESC-WNAD/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	88.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062394)										
HK0915410-239	ESC-WFB/ ME /R2 /M	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	92.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062395)										
HK0915410-271	NM5/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	96.0	----	75	125	----	----
ED/EK: Inorganic Nonmetallic Parameters (QC Lot: 1062396)										
HK0915410-316	NM3/ MF / R1 / B	EK055A: Ammonia as N	7664-41-7	0.5 mg/L	120	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069753)										
HK0915410-001	MW1/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	86.3	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	102	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	111	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	109	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	110	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	83.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	103	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069754)										
HK0915410-021	NM2/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	99.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	106	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	109	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	110	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	103	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	83.0	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	84.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	84.5	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069755)										
HK0915410-041	ESC-WNBA/ ME /R2 /M	EG020: Arsenic	7440-38-2	10 µg/L	82.4	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	114	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	103	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	110	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	97.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	87.8	----	75	125	----	----
		EG020: Silver	7440-22-4	100 µg/L	85.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	104	----	75	125	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Matrix Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069756)										
HK0915410-061	ESC-WNBB/ ME / R3 / B	EG020: Arsenic	7440-38-2	10 µg/L	105	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	100	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	88.4	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	97.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	99.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	95.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	114	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069757)										
HK0915410-081	ESC-WNBD/ ME / R3 / S	EG020: Arsenic	7440-38-2	10 µg/L	100	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	100	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	84.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	89.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	92.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069758)										
HK0915410-101	ESC-WNBB/ MF / R1 / M	EG020: Arsenic	7440-38-2	10 µg/L	92.7	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	113	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	98.7	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	108	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	86.2	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	85.0	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	106	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1069759)										
HK0915410-121	ESC-WNBA/ MF / R2 / B	EG020: Arsenic	7440-38-2	10 µg/L	82.1	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	100	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	115	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	108	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	91.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	103	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	110	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	113	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069760)										
HK0915410-141	NM2/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	84.9	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	84.3	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	83.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	99.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	94.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	91.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	106	----	75	125	----	----



Matrix: WATER

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report						
				Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069760) - Continued										
HK0915410-141	NM2/ MF / R2 / S	EG020: Zinc	7440-66-6	10 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069761)										
HK0915410-161	MW1/ MF /R3 /M	EG020: Arsenic	7440-38-2	10 µg/L	98.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	83.7	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	77.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	109	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	100	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	93.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	81.4	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	100	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069762)										
HK0915410-181	ESC-WNAC/ ME / R1 / B	EG020: Arsenic	7440-38-2	10 µg/L	84.4	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	93.2	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	115	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	88.4	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	92.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	93.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	91.2	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	108	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069763)										
HK0915410-201	ESC-WMA/ ME / R1 / S	EG020: Arsenic	7440-38-2	10 µg/L	88.8	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	91.4	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	111	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	95.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	93.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	96.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	88.1	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	104	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069764)										
HK0915410-221	ESC-WFA/ ME /R2 /M	EG020: Arsenic	7440-38-2	10 µg/L	90.3	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	83.8	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	116	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	83.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	93.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	100	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	90.6	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	101	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069765)										
HK0915410-241	ESC-WFB/ ME / R3 / B	EG020: Arsenic	7440-38-2	10 µg/L	110	----	75	125	----	----



Matrix: WATER

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Report

Laboratory sample ID	Client sample ID	Method: Compound	CAS Number	Spike Concentration	Spike Recovery (%)		Recovery Limits (%)		RPD (%)	
					MS	MSD	Low	High	Value	Control Limit
EG: Metals and Major Cations (QC Lot: 1069765) - Continued										
HK0915410-241	ESC-WFB/ ME / R3 / B	EG020: Cadmium	7440-43-9	10 µg/L	83.8	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	77.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	97.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	105	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	90.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	89.0	----	75	125	----	----
		EG020: Zinc	7440-66-6	10 µg/L	94.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069766)										
HK0915410-261	NM6/ MF / R3 / S	EG020: Zinc	7440-66-6	10 µg/L	88.0	----	75	125	----	----
EG: Metals and Major Cations (QC Lot: 1069767)										
HK0915410-281	ESC-WMA/ MF / R1 / M	EG020: Arsenic	7440-38-2	10 µg/L	100	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	84.3	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	85.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	97.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	90.0	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	79.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	88.0	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	86.0	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1069768)										
HK0915410-301	ESC-WNAC/ MF / R2 / B	EG020: Arsenic	7440-38-2	10 µg/L	93.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	85.5	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	84.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	92.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	88.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	82.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	89.0	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	87.0	----	75	125	----	----		
EG: Metals and Major Cations (QC Lot: 1069769)										
HK0915410-321	NM3/ MF / R2 / S	EG020: Arsenic	7440-38-2	10 µg/L	98.0	----	75	125	----	----
		EG020: Cadmium	7440-43-9	10 µg/L	97.8	----	75	125	----	----
		EG020: Copper	7440-50-8	10 µg/L	98.0	----	75	125	----	----
		EG020: Lead	7439-92-1	10 µg/L	96.0	----	75	125	----	----
		EG020: Mercury	7439-97-6	2 µg/L	88.5	----	75	125	----	----
		EG020: Nickel	7440-02-0	10 µg/L	89.0	----	75	125	----	----
		EG020: Silver	7440-22-4	10 µg/L	90.0	----	75	125	----	----
EG020: Zinc	7440-66-6	10 µg/L	101	----	75	125	----	----		



ALS Technichem

BATCH QUALITY CONTROL - LABORATORY CONTROL SAMPLE

OUR REF. : ATHQ/45550EV/2009(1)

Date of Digestion : -

Batch : INW090826(1)

Date of Analysis : 22, 25-26 Aug 09

Matrix : Water

COMPOUND	Blank Conc.	Spike Conc.	QC SPIKE RESULTS				Control Limits		
			SCS Conc	DCS Conc	Ave Rec.	RPD	% Recovery		RPD
	µg/L	µg/L	µg/L	µg/L	%	%	Low	High	%
Total Chromium QC1	<LOR	5.0	5.1	5.2	103	2	80	120	20
Total Chromium QC2	<LOR	5.0	4.3	4.7	90	9	80	120	20
Total Chromium QC3	<LOR	5.0	4.7	4.8	95	2	80	120	20
Total Chromium QC4	<LOR	5.0	4.9	4.8	97	2	80	120	20
Total Chromium QC5	<LOR	5.0	4.4	4.4	88	0	80	120	20
Total Chromium QC6	<LOR	5.0	4.8	4.5	93	6	80	120	20
Total Chromium QC7	<LOR	5.0	4.7	5.0	97	6	80	120	20
Total Chromium QC8	<LOR	5.0	4.9	4.8	97	2	80	120	20
Total Chromium QC9	<LOR	5.0	4.4	4.3	87	2	80	120	20
Total Chromium QC10	<LOR	5.0	5.1	4.9	100	4	80	120	20
Total Chromium QC11	<LOR	5.0	4.9	5.0	99	2	80	120	20

COMMENTS :

- 1) LOR: level of reporting
- 2) The control limits are based on ALS laboratory statistical data.
- 3) * : Recovery or RPD falls outside of the recommended control limits.

BATCH QUALITY CONTROL - MATRIX SPIKE SAMPLE

OUR REF. : ATHQ/45550EV/2009(1)

Batch : INW090826(1)

Matrix : Water

Date of Digestion : -

Date of Analysis : 22, 25-26 Aug 09

Spiked Sample : Refer table

COMPOUND	Sample Results	Spike Conc.	QC SPIKE RESULTS				Control Limits
			MS Conc	MSD Conc	Ave Rec.	RPD	RPD
	µg/L	µg/L	µg/L	µg/L	%	%	%
Total Chromium - 46073	<LOR	10	11	11	110	0	20
Total Chromium - 45550	<LOR	10	11	10	105	10	20
Total Chromium - 45580	<LOR	10	10	10	100	0	20
Total Chromium - 45600	<LOR	10	10	9	95	11	20
Total Chromium - 45630	<LOR	10	9	8	85	12	20
Total Chromium - 45650	<LOR	10	10	11	105	10	20
Total Chromium - 45680	<LOR	10	9	10	95	11	20
Total Chromium - 45710	<LOR	10	10	10	100	0	20
Total Chromium - 45740	<LOR	10	11	10	105	10	20
Total Chromium - 45770	<LOR	10	9	9	90	0	20
Total Chromium - 45800	<LOR	10	11	12	115	9	20

COMMENTS :

- 1) LOR: level of reporting
- 2) The control limits are based on ALS laboratory statistical data.
- 3) * : Recovery or RPD falls outside of the recommended control limits.



ALS Technichem

BATCH QUALITY CONTROL - DUPLICATE SAMPLE

OUR REF. : ATHQ/45550EV/2009(1)

Batch : INW090826(1)
Matrix : Water

Date of Digestion : -

Date of Analysis : 22, 25-26 Aug 09

Duplicate sample: Refer table

COMPOUND	QC DUPLICATE RESULTS		
	Sample Conc	Check Sample Conc	RPD
	µg/L	µg/L	%
Total Chromium - 46081	<LOR	<LOR	-
Total Chromium - 46090	<LOR	<LOR	-
Total Chromium - 45569	<LOR	<LOR	-
Total Chromium - 45599	<LOR	<LOR	-
Total Chromium - 45619	<LOR	<LOR	-
Total Chromium - 45656	<LOR	<LOR	-
Total Chromium - 45669	<LOR	<LOR	-
Total Chromium - 45674	2	2	0
Total Chromium - 45699	<LOR	<LOR	-
Total Chromium - 45730	<LOR	<LOR	-
Total Chromium - 45759	<LOR	<LOR	-