

Station	Date	Sample Type	Acid(pH4.5) mg/L	Acid(pH8.3) mg/L	ALK mg/L	ALKPP mg/L	CaCO3 mg/L	CaCO3-d mg/L	Cl-d mg/L	CO3 mg/L	Colour TCU	COND µmho/cm	DOC mg/L	HCO3 mg/L	NH3 mg/L	OH mg/L	pH	SO4-d mg/L	TDS mg/L	TOC mg/L	TSS mg/L	TURB NTU
X14	1/11/2010	FIELD BLANK			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<1.0	<0.5	<0.5	<0.01	<0.5	5.70	<0.5	<10.0	<0.5	<1.0	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	1	1	1	1	1	1	0	1	1	1	2	1	0.25	1	1	1	0.25	1
		Comments																				
		Action																				
		Result																				
X2	2/22/2010	FIELD BLANK			0.90	<0.5	<0.5	<0.5	1	<0.5		<1.0	<0.5	1.00	0.02	<0.5	5.90	<0.5	<10.0	<0.5	<1.0	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	1.8	1	1	1	1.8	1	0	1	1	2	4	1	0.05	1	1	1	0.25	1
		Comments																				
		Action																				
		Result																				
SC2	4/14/2010	FIELD BLANK			1.20	<0.5	<0.5	<0.5	<0.5	<0.5		<1.0	<0.5	1.50	<0.01	<0.5	6.10	<0.5	<10.0	<0.5	<1.0	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	2.4	1	1	1	1	1	0	1	1	3	2	1	0.15	1	1	1	0.25	0
		Comments																				
		Action																				
		Result																				
X4	5/3/2010	FIELD BLANK			1.60	<0.5	<0.5	<0.5	<0.5	<0.5		2.0		1.90	<0.01	<0.5	6.20	<0.5	<10.0		<1.0	
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	3.2	1	1	1	1	1	0	2	0	3.8	2	1	0.25	1	1	0	0.25	0
		Comments																				
		Action																				
		Result																				
NF2	6/4/2010	FIELD BLANK			1.10	<0.5	<0.5	<0.5	<0.5	<0.5		<1	<0.5	1.30	<0.05	<0.5	5.50	<0.5	<10	<0.5	<1	<1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	2.2	1	1	1	0	1	0	1	1	2.6	10	1	0.45	1	1	1	0.25	0
		Comments													Blank value not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.							
		Action													Let Value Stand							
		Result																				
X5	22/06/2010 9:3	FIELD BLANK			<0.5	<0.5	<0.5	<0.5	<0.0005	<0.5	<5	<1		<0.5	<0.05	<0.5	5.40	<0.5	<10		<1	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	1	1	1	1	0.001	1	10	1	0	1	10	1	0.55	1	1	0	0.25	1
		Comments									Blank value not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.				Blank value not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.							
		Action									Let Value Stand				Let Value Stand							
		Result																				
A30	7/7/2010	FIELD BLANK	<0.5	<0.5	1.90	<0.5		<0.5	<0.5	<0.5		2.0		2.30		<0.5	6.10	1.7			<1	
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	1	1	3.8	1	0	1	1	1	0	2	0	4.6	0	1	0.15	3.4	0	0	0.25	0
		Comments																				
		Action																				
		Result																				

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit, or >1 pH unit difference from DI Water)

Station	Date	Sample Type	Acid(pH4.5) mg/L	Acid(pH8.3) mg/L	ALK mg/L	ALKPP mg/L	CaCO3 mg/L	CaCO3-d mg/L	Cl-d mg/L	CO3 mg/L	Colour TCU	COND µmho/cm	DOC mg/L	HCO3 mg/L	NH3 mg/L	OH mg/L	pH	SO4-d mg/L	TDS mg/L	TOC mg/L	TSS mg/L	TURB NTU
X14	7/20/2010	FIELD BLANK			1.50	<0.5	<0.5	<0.5	<0.5	<0.5		<1	<0.5	1.80	<0.005	<0.5	5.74	<0.5	<10	<0.5	<1	
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	3	1	1	1	1	1	0	1	1	3.6	1	1	0.21	1	1	1	0.25	0
		Comments																				
		Action																				
		Result																				
RCSG#4	8/3/2010	FIELD BLANK			2.20	<0.5	<0.5	<0.5	<0.5	<0.5		<1	<0.5	2.60	0.28	<0.5	6.15	<0.5	<10	<0.5	<1	
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	4.4	1	1	1	1	1	0	1	1	5.2	56	1	0.20	1	1	1	0.25	0
		Comments											Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine. Lab noted that "RDL raised due to sample matrix interference."							
		Action											Let Value Stand	Request Retest								
		Result											High blank value remains.	Retest not possible. Remainder of sample had been discarded.								
X5	8/10/2010	FIELD BLANK			1.30	<0.5	<0.5	<0.5	<0.5	<0.5	<5	3.0		1.60	0.27	<0.5	5.80	<0.5	<10		<4	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	2.6	1	1	1	1	1	10	3	0	3.2	54	1	0.15	1	1	0	1	1
		Comments									Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.				Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine. Lab noted that "RDL raised due to sample matrix interference."						
		Action									Let Value Stand				Request Retest							
		Result													Retest performed, see results below.							
X5 Retest	8/10/2010	FIELD BLANK													0.01	-						
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	2.4	0	#VALUE!	0	0	0	0	0
		Comments													Retest for August 10 X5 blank. Blank concentration < PQL and correctly entered into emLine.							
		Action													Let Value Stand							
		Result													New blank value entered into emLine.							
X5	8/17/2010	FIELD BLANK			2.20	<0.5	<0.5	<0.5	<0.5	<0.5	<5	<1		2.60	0.16	<0.5	5.59	<0.5	<10		<1	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1
		Times greater than DI water	0	0	4.4	1	1	1	1	1	10	1	0	5.2	32	1	0.36	1	1	0	0.25	1
		Comments									Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.			Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine. Lab noted "RDL raised due to sample matrix interference). Therefore, comparison not valid in this case.							
		Action									Let Value Stand			Let Value Stand	Let Value Stand							
		Result											High blank value remains.	High blank value remains.								

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit, or >1 pH unit difference from DI Water)

Station	Date	Sample Type	Acid(pH4.5) mg/L	Acid(pH8.3) mg/L	ALK mg/L	ALKPP mg/L	CaCO3 mg/L	CaCO3-d mg/L	Cl-d mg/L	CO3 mg/L	Colour TCU	COND µmho/cm	DOC mg/L	HCO3 mg/L	NH3 mg/L	OH mg/L	pH	SO4-d mg/L	TDS mg/L	TOC mg/L	TSS mg/L	TURB NTU	
X5	9/7/2010	FIELD BLANK			0.60	<0.5			<0.5	<0.5	<5		2.0		0.70	0.25	<0.5	5.75	2.6	<10		<1	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	1.2	1	0	0	1	1	10	2	0	1.4	50	1	0.20	5.2	1	0	0.25	1	
		Comments	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.										Blank concentration equal to PQL and correctly entered into emLine. Lab noted "RDL raised due to sample matrix interference."					Blank concentration > PQL and correctly entered into emLine.					
		Action	Let Value Stand										Request Retest					Let Value Stand					
		Result											Retest performed, see results below.					High blank value remains.					
X5 Retest	9/7/2010	FIELD BLANK													<0.005		-						
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	1	0	#VALUE!	0	0	0	0	0	
		Comments											Retest for September 7 X5 blank.										
		Action											Let Value Stand										
		Result											New blank value entered into emLine.										
GDHSECK	10/6/2010	FIELD BLANK			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<1		<0.5	0.04	<0.5	5.25	<0.5	<10		<1		
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	1	1	1	1	1	1	0	1	0	1	7.2	1	0.70	1	1	0	0.25	0	
		Comments											Blank concentration > PQL and correctly entered into emLine.										
		Action											Let Value Stand										
		Result											High blank value remains.										
X4	10/20/2010	FIELD BLANK			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		7.0		<0.5	0.01	<0.5	5.23	<0.5	<10		<1		
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	1	1	1	1	1	1	0	7	0	1	2	1	0.72	1	1	0	0.25	0	
		Comments											Blank concentration > PQL and correctly entered into emLine.										
		Action											Let Value Stand										
		Result											High blank value remains.										
X14	11/9/2010	FIELD BLANK			1.10	<0.5	<0.5	<0.5	<0.5	<0.5		<1	2.3	1.30	0.06	<0.5	5.86	<0.5	<10	<0.5	<4	<0.1	
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	2.2	1	1	1	1	1	0	1	4.6	2.6	11.4	1	0.09	1	1	1	1	1	
		Comments											Blank concentration > PQL and correctly entered into emLine.										
		Action											Let Value Stand										
		Result											High blank value remains.										
X5	11/18/2010	FIELD BLANK			1.40	<0.5			<0.5	<0.5	<5		2.0		1.70	<0.005	<0.5	5.81	<0.5	<10		<4	<0.1
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1	
		Times greater than DI water	0	0	2.8	1	0	0	1	1	10	2	0	3.4	1	1	0.14	1	1	0	1	1	
		Comments	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.																				
		Action	Let Value Stand																				
		Result																					

Blank value < PQL

Blank value is a detection limit higher than that of DI water

Blank value > PQL and < retest limit

Blank value > retest limit (20X DI Water Detection Limit, or >1 pH unit difference from DI Water)

Station	Date	Sample Type	Acid(pH4.5) mg/L	Acid(pH8.3) mg/L	ALK mg/L	ALKPP mg/L	CaCO3 mg/L	CaCO3-d mg/L	Cl-d mg/L	CO3 mg/L	Colour TCU	COND µmho/cm	DOC mg/L	HCO3 mg/L	NH3 mg/L	OH mg/L	pH	SO4-d mg/L	TDS mg/L	TOC mg/L	TSS mg/L	TURB NTU		
X14	11/25/2010	FIELD BLANK			1.40	<0.5	<0.5	<0.5	<0.5	<0.5		2.0	<0.5	1.70	0.04	<0.5	5.88	4.8	<10	<0.5	<4			
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1		
		Times greater than DI water	0	0	2.8	1	1	1	1	1	0	2	1	3.4	7	1	0.07	9.6	1	1	1	0		
		Comments																					Blank concentration > PQL and correctly entered into emLine.	
		Action																						Blank concentration > PQL and correctly entered into emLine.
		Result																						Let Value Stand
																								High blank value remains.
X2	12/1/2010	FIELD BLANK			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<1	<0.5	<0.5	<0.05	<0.5	5.35	0.8	<10	<0.5	<4			
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1		
		Times greater than DI water	0	0	1	1	1	1	1	1	0	1	1	1	10	1	0.60	1.6	1	1	1	0		
		Comments																					Blank concentration not > PQL (detection limit for field blank higher than that used for DI water, lab noted "RDL raised due to sample matrix interference). Therefore, comparison not valid in this case.	
		Action																						Let Value Stand
		Result																						
X14	12/2/2010	FIELD BLANK			0.60	<0.5	<0.5	<0.5	<0.5	<0.5		2.0	<0.5	0.70	<0.05	<0.5	5.49	<0.5	<10	<0.5	<1	0.00		
		Deionized Water	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5	<0.005	<0.5	5.95	<0.5	<10.0	<0.5	<4.0	<0.1		
		Times greater than DI water	0	0	1.2	1	1	1	1	1	0	2	1	1.4	10	1	0.46	1	1	1	0.25	0		
		Comments																					Blank concentration not > PQL (detection limit for field blank higher than that used for DI water, lab noted "RDL raised due to sample matrix interference). Therefore, comparison not valid in this case.	
		Action																						Let Value Stand
		Result																						

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit, or >1 pH unit difference from DI Water)



Station	Date	Sample Type	Ag-d µg/L	Al-d µg/L	As-d µg/L	Ba-d µg/L	B-d µg/L	Be-d µg/L	Bi-d µg/L	Ca-d mg/L	Cd-d µg/L	Co-d µg/L	Cr-d µg/L	Cu-d µg/L	Fe-d µg/L	K-d mg/L	Li-d mg/L	Mg-d mg/L	
X14	1/11/2010	FIELD BLANK	<0.005	0.80	<0.02	<0.02	0.120	<50.0	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	0.1600	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4	1	6	1	1	1	1	1	1	1	1	3.2	2	1	0.001	1
		Comments					Blank concentration > PQL and correctly entered into emLine.												
		Action					Let Value Stand												
		Result					High blank value remains.												
X2	2/22/2010	FIELD BLANK	<0.005	0.90	<0.02	<0.02	<0.02	<50.0	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1.0	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	1	1	1	1	1	1	1	1	1	1	1	1	0.001	1
		Comments																	
		Action																	
		Result																	
SC2	4/14/2010	FIELD BLANK	<0.005	0.70	<0.02	<0.02	0.260	<50.0	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1.0	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	3.5	1	13	1	1	1	1	1	1	1	1	1	1	1	0.001	1
		Comments					Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."												
		Action					Let Value Stand												
		Result					High blank value remains.												
X4	5/3/2010	FIELD BLANK	<0.005	2.70	<0.02	<0.02	0.360	<50.0	<0.01	<0.005	<0.05	0.01	<0.005	<0.1	0.1000	5.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	13.5	1	18	1	1	1	1	1.6	1	1	1	2	5	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."										Blank concentration equal to PQL and correctly entered into emLine.			
		Action		Let Value Stand		Let Value Stand										Let Value Stand			
		Result		High blank value remains.		High blank value remains.										Blank value remains.			
NF2	6/4/2010	FIELD BLANK	<0.005	1.10	<0.02	<0.02	0.060	<50	<0.01	0.02	<0.05	<0.005	<0.005	<0.1	0.0600	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	5.5	1	3	1	1	1	3.4	1	1	1	1	1.2	1	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.															
		Action		Let Value Stand															
		Result		High blank value remains.															
X5	22/06/2010	FIELD BLANK	<0.005	0.90	<0.02	<0.02	0.080	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	0.1600	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	4	1	1	1	1	1	1	1	1	3.2	1	1	0.001	1
		Comments																	
		Action																	
		Result																	
A30	7/7/2010	FIELD BLANK	<0.02	<3	<0.1	<1	<1	<50	<0.1	<1	<0.05	<0.01	<0.5	<1	<0.2	<5	<0.05	<0.005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	4	15	5	50	1	1	10	200	1	2	100	10	4	5	1	0.01	1
		Comments		Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	
		Action		Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand
		Result		High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.	High blank value remains.
X14	7/20/2010	FIELD BLANK	<0.005	1.20	<0.02	<0.02	0.540	<50	<0.01	<0.005	<0.05	<0.005	0.0070	<0.1	0.1000	3.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	6	1	27	1	1	1	1	1	1	1.4	1	2	3	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."													
		Action		Let Value Stand		Let Value Stand													
		Result		High blank value remains.		High blank value remains.													
RCSG#4	8/3/2010	FIELD BLANK	<0.005	0.90	<0.02	<0.02	0.080	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	4	1	1	1	1	1	1	1	1	1	2	1	0.001	1
		Comments																	
		Action																	
		Result																	

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)



Station	Date	Sample Type	Ag-d µg/L	Al-d µg/L	As-d µg/L	Ba-d µg/L	B-d µg/L	Be-d µg/L	Bi-d µg/L	Ca-d mg/L	Cd-d µg/L	Co-d µg/L	Cr-d µg/L	Cu-d µg/L	Fe-d µg/L	K-d mg/L	Li-d mg/L	Mg-d mg/L			
X5	8/10/2010	FIELD BLANK	<0.005	1.90	<0.02	0.250	<0.02	<0.01	0.03	<0.05	<0.005	<0.005	<0.1	0.0900	3.00	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	9.6	1	12.5	1	1	5.4	1	1	1	1	1.8	3	1	0.001	1			
		Comments	Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."												
	Action	Let Value Stand		Let Value Stand		Let Value Stand		Let Value Stand													
	Result	High blank value remains.		High blank value remains.		High blank value remains.		High blank value remains.													
X5 Retest	8/17/2010	FIELD BLANK	<0.005	0.70	<0.02	0.250	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	0.1900	<1	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	3.5	1	12.5	1	1	1	1	1	1	1	3.8	1	1	0.001	1			
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."												
	Action	Let Value Stand		Let Value Stand		Let Value Stand		Let Value Stand													
	Result	High blank value remains.		High blank value remains.		High blank value remains.		High blank value remains.													
X5 Retest	8/17/2010	FIELD BLANK	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Comments																			
	Action																				
	Result																				
X5	9/7/2010	FIELD BLANK	<0.005	1.40	<0.02	0.110	<0.02	<0.01	<0.005	0.22	<0.005	0.0100	0.20	<0.05	<1	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	7	1	5.5	1	1	1	4.4	1	2	2	1	1	1	0.001	1			
		Comments	Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.												
	Action	Let Value Stand		Let Value Stand		Let Value Stand		Let Value Stand													
	Result	High blank value remains.		High blank value remains.		High blank value remains.		High blank value remains.													
X5 Retest	9/7/2010	FIELD BLANK	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		Comments																			
	Action																				
	Result																				
GDHSECK	10/6/2010	FIELD BLANK	<0.005	1.60	<0.02	0.490	<0.02	<0.01	<0.005	<0.05	0.01	0.0230	<0.1	0.1500	3.00	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	8	1	24.5	1	1	1	1	2.4	4.6	1	3	3	1	0.001	1			
		Comments	Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.												
	Action	Let Value Stand		Let Value Stand		Let Value Stand		Let Value Stand													
	Result	High blank value remains.		High blank value remains.		High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.		High blank value remains.													
X4	10/20/2010	FIELD BLANK	<0.005	3.60	<0.02	0.460	<0.02	<0.01	<0.005	0.07	<0.005	0.0380	<0.1	0.1100	25.00	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	18	1	23	1	1	1	1.4	1	7.6	1	2.2	25	1	0.001	1			
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Duplicate RPD for Co exceeds acceptance criteria. 10% of analytes failure in multi-element scan is allowed."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		
	Action	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest			
	Result	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.			
X4 Retest	10/20/2010	FIELD BLANK	<0.005	3.50	<0.02	0.460	<0.02	<0.01	<0.005	0.07	<0.005	0.0350	<0.1	0.1400	27.00	<0.05	<0.0005	<0.05			
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.01	<0.005	<0.05	<0.005	<0.05	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05			
		Times greater than DI water	1	17.5	1	23	1	1	1	1.4	1	7	1	2.8	27	1	0.001	1			
		Comments	Retest for October 20 X4 blank.	Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.	Retest for October 20 X4 blank.		
	Action	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand			
	Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.			

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)



Station	Date	Sample Type	Ag-d µg/L	Al-d µg/L	As-d µg/L	Ba-d µg/L	B-d µg/L	Be-d µg/L	Bi-d µg/L	Ca-d mg/L	Cd-d µg/L	Co-d µg/L	Cr-d µg/L	Cu-d µg/L	Fe-d µg/L	K-d mg/L	Li-d mg/L	Mg-d mg/L	
X14	11/9/2010	FIELD BLANK	0.0060	0.70	<0.02	<0.02	0.080	<50	<0.01	<0.005	<0.05	<0.005	0.0060	<0.1	0.1700	3.00	0.14	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1.2	3.5	1	1	4	1	1	1	1	1	1.2	1	3.4	3	2.8	0.001	1
Comments																			
Action																			
Result																			
X5	11/18/2010	FIELD BLANK	<0.005	1.20	<0.02	<0.02	0.030	<50	<0.01	<0.005	<0.05	<0.005	0.0060	<0.1	0.0600	2.00	0.09	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	6	1	1	1.5	1	1	1	1	1	1.2	1	1.2	2	1.8	0.001	1
Comments			Blank concentration > PQL and correctly entered into emLine.																
Action			Let Value Stand																
Result			High blank value remains.																
X14	11/25/2010	FIELD BLANK	<0.005	0.50	<0.02	<0.02	0.070	<50	<0.01	<0.005	<0.05	0.01	<0.005	<0.1	0.0900	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	2.5	1	1	3.5	1	1	1	1	1.4	1	1	1.8	1	1	0.001	1
Comments																			
Action																			
Result																			
X2	12/1/2010	FIELD BLANK	<0.005	0.60	<0.02	<0.02	0.050	<50	<0.01	0.01	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	3	1	1	2.5	1	1	1	1.6	1	1	1	1	1	1	0.001	1
Comments																			
Action																			
Result																			
X14	12/2/2010	FIELD BLANK	<0.005	0.30	<0.02	<0.02	0.030	<50	<0.01	0.04	<0.05	<0.005	0.0070	<0.1	0.1500	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<0.02	<0.02	<50	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	1.5	1	1	1.5	1	1	7.4	1	1	1.4	1	3	2	1	0.001	1
Comments			Blank concentration > PQL and correctly entered into emLine.																
Action			Let Value Stand																
Result			High blank value remains.																

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Mn-d µg/L	Mo-d µg/L	Na-d mg/L	Ni-d µg/L	Pb-d µg/L	Sb-d µg/L	Se-d µg/L	Si-d µg/L	Sn-d µg/L	Sr-d µg/L	Ti-d µg/L	Tl-d µg/L	U-d µg/L	V-d µg/L	Zn-d µg/L	Zr-d µg/L	
X14	1/11/2010	FIELD BLANK	0.220	<0.05	<0.05	<0.05	0.200	0.2970	<0.02	<0.04	<100.0	<0.01	0.07	<0.5	<0.002	0.0030	<0.2	1.700	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	4.4	1	1	1	10	59.4	1	1	1	1	1.4	1	1	1.5	1	17	1
		Comments				Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.											Blank concentration > PQL and correctly entered into emLine.	
		Action				Let Value Stand	Let Value Stand											Let Value Stand	
		Result				High blank value remains. Investigation of Maxxam and lab blank water planned.	High blank value remains. Investigation of Maxxam and lab blank water planned.											High blank value remains. Investigation of Maxxam and lab blank water planned.	
X2	2/22/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.05	<0.02	0.0340	<0.02	<0.04	<100.0	<0.01	<0.05	<0.5	<0.002	0.0060	<0.2	0.200	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	1	1	1	1	1	6.8	1	1	1	1	1	1	1	3	1	2	1
		Comments						Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."											
		Action					Let Value Stand												
		Result					High blank value remains.												
SC2	4/14/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.05	<0.02	0.0820	<0.02	<0.04	<100.0	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	0.500	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	1	1	1	1	1	16.4	1	1	1	1	1	1	1	1	1	5	1
		Comments						Blank concentration > PQL and correctly entered into emLine.											Blank concentration > PQL and correctly entered into emLine.
		Action					Let Value Stand												
		Result					High blank value remains.												
X4	5/3/2010	FIELD BLANK	0.510	<0.05	<0.05	<0.05	0.050	0.7010	<0.02	<0.04	<100.0	0.02	0.12	<0.5	<0.002	0.0050	<0.2	3.500	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	10.2	1	1	1	2.5	140.2	1	1	1	2	2.4	1	1	2.5	1	35	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."					Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."										Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."	
		Action	Let Value Stand				Let Value Stand											Let Value Stand	
		Result	High blank value remains.				High blank value remains.											High blank value remains.	
NF2	6/4/2010	FIELD BLANK	0.080	<0.05	<0.05	<0.05	0.030	0.0670	<0.02	<0.04	<100	<0.01	0.06	<0.5	<0.002	<0.002	<0.2	0.700	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	1.6	1	1	1	1.5	13.4	1	1	1	1	1.2	1	1	1	1	7	1
		Comments						Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."											Blank concentration > PQL and correctly entered into emLine.
		Action					Let Value Stand												
		Result					High blank value remains.												
X5	22/06/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.05	<0.02	0.0940	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	0.700	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	1	1	1	1	1	18.8	1	1	1	1	1	1	1	1	1	7	1
		Comments						Blank concentration > PQL and correctly entered into emLine.											Blank concentration > PQL and correctly entered into emLine.
		Action					Let Value Stand												
		Result					High blank value remains.												
A30	7/7/2010	FIELD BLANK	<1	<1	<0.05	<0.05	<1	0.6900	<0.5	<0.1	<100	<5	<1	<5	<0.05	<0.1	<5	<5	<0.5
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	20	20	1	1	50	120	25	2.5	1	500	20	10	25	50	25	50	5
		Comments	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	Blank concentration not > PQL (detection limit for field blank higher than that used for DI water). Therefore, comparison not valid in this case.	
		Action	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand
		Result																	
X14	7/20/2010	FIELD BLANK	1.020	<0.05	<0.05	<0.05	<0.02	0.7400	<0.02	<0.04	<100	<0.01	0.13	<0.5	<0.002	<0.002	<0.2	1.800	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	20.4	1	1	1	1	148	1	1	1	1	2.6	1	1	1	1	18	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."					Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."											Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."
		Action	Let Value Stand				Let Value Stand												
		Result	High blank value remains.				High blank value remains.												
RCSG#4	8/3/2010	FIELD BLANK	0.330	<0.05	<0.05	<0.05	<0.02	0.1450	<0.02	<0.04	<100	<0.01	0.15	<0.5	<0.002	0.0040	<0.2	1.100	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	6.6	1	1	1	1	29	1	1	1	1	3	1	1	2	1	11	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."					Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."											Blank value > PQL and correctly entered into emline. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."
		Action	Let Value Stand				Let Value Stand												
		Result	High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed.												

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)



Station	Date	Sample Type	Mn-d µg/L	Mo-d µg/L	Na-d mg/L	Ni-d µg/L	Pb-d µg/L	Sb-d µg/L	Se-d µg/L	Si-d µg/L	Sn-d µg/L	Sr-d µg/L	Ti-d µg/L	Ti-d µg/L	U-d µg/L	V-d µg/L	Zn-d µg/L	Zr-d µg/L	
X5	8/10/2010	FIELD BLANK	0.980	<0.05	<0.05	<0.05	<0.02	0.7440	<0.02	<0.04	<100	<0.01	0.09	<0.5	<0.002	0.0050	<0.2	1.800	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	19.6	1	1	1	1	146.8	1	1	1	1	1.8	1	1	2.5	1	18	1
		Comments	Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank value > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."								Blank concentration > PQL and correctly entered into emLine.				
		Action	Let Value Stand				Let Value Stand								Let Value Stand				
		Result	High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed.								High blank value remains.				
X5	8/17/2010	FIELD BLANK	0.200	<0.05	<0.05	<0.05	0.030	0.2480	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	0.0030	<0.2	0.700	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	4	1	1	1	1.5	49.6	1	1	1	1	1	1	1	1.5	1	7	1
		Comments					Blank concentration > PQL and correctly entered into emLine.								Blank concentration > PQL and correctly entered into emLine.				
		Action					Request Retest								Let Value Stand				
		Result					Retest performed, see results below.								High blank value remains.				
X5 Retest	8/17/2010	FIELD BLANK						0.2720											
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	0	0	0	0	0	14.4	0	0	0	0	0	0	0	0	0	0	0
		Comments					Retest for August 10 X5 blank. Blank concentration > PQL and correctly entered into emLine.												
		Action					Let Value Stand												
		Result					New blank value entered into emLine.												
X5	9/7/2010	FIELD BLANK	6.910	<0.05	<0.05	<0.05	<0.02	0.1340	<0.02	<0.04	<100	<0.01	0.76	<0.5	<0.002	0.0060	<0.2	0.600	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	138.2	1	1	1	1	26.8	1	1	1	15.2	1	1	3	1	6	1	1
		Comments	Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.				
		Action	Request Retest				Request Retest				Let Value Stand				Let Value Stand				
		Result	Retest performed, see results below.				Retest performed, see results below.				High blank value remains.				High blank value remains.				
X5 Retest	9/7/2010	FIELD BLANK	7.600					0.1510											
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	152	0	0	0	0	30.2	0	0	0	0	0	0	0	0	0	0	0
		Comments	Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.				Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.												
		Action	Let Value Stand				Let Value Stand												
		Result	New blank value entered into emLine.				New blank value entered into emLine.												
GDHSECK	10/6/2010	FIELD BLANK	0.740	<0.05	<0.05	<0.05	0.250	0.2880	<0.02	<0.04	<100	<0.01	0.07	<0.5	<0.002	<0.002	<0.2	3.600	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	14.8	1	1	1	12.5	57.6	1	1	1	1	1.4	1	1	1	1	36	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				
		Action	Let Value Stand				Let Value Stand				Let Value Stand				Let Value Stand				
		Result	High blank value remains.				High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed.				High blank value remains. Retest not requested because lab already reanalyzed.				
X4	10/20/2010	FIELD BLANK	4.930	<0.05	<0.05	<0.05	0.100	0.5370	<0.02	<0.04	<100	<0.01	0.26	<0.5	<0.002	<0.002	<0.2	14.800	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	98.6	1	1	1	5	107.4	1	1	1	5.2	1	1	1	1	1	148	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Duplicate RPD for Ni exceeds acceptance criteria. 10% of analytes failure in multielement scan is allowed."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				
		Action	Request Retest				Request Retest				Request Retest				Request Retest				
		Result	Retest performed, see results below.				Retest performed, see results below.				Retest performed, see results below.				Retest performed, see results below.				
X4 Retest	10/20/2010	FIELD BLANK	5.280	<0.05	<0.05	<0.05	0.120	0.6410	<0.02	<0.04	<100	<0.02	0.29	<0.5	<0.002	<0.009	<0.2	16.800	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	105.6	1	1	1	6	128.2	1	1	1	2	5.8	1	1	4.5	1	168	1
		Comments	Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.				Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.				Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.				Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.				
		Action	Let Value Stand				Let Value Stand				Let Value Stand				Let Value Stand				
		Result	New blank value entered into emLine.				New blank value entered into emLine.				New blank value entered into emLine.				New blank value entered into emLine.				

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)



Station	Date	Sample Type	Mn-d µg/L	Mo-d µg/L	Na-d mg/L	Ni-d µg/L	Pb-d µg/L	Sb-d µg/L	Se-d µg/L	Si-d µg/L	Sn-d µg/L	Sr-d µg/L	Ti-d µg/L	Ti-d µg/L	U-d µg/L	V-d µg/L	Zn-d µg/L	Zr-d µg/L	
X14	11/9/2010	FIELD BLANK	0.910	<0.05	<0.05	<0.05	0.050	0.1090	<0.02	<0.04	<100	<0.01	0.18	<0.5	<0.002	<0.002	<0.2	2.900	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	18.2	1	1	1	2.5	21.8	1	1	1	1	3.6	1	1	1	1	29	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine.								Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				
		Action	Let Value Stand				Let Value Stand								Let Value Stand				
		Result	High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.								High blank value remains. Retest not requested because lab already reanalyzed.				
X5	11/18/2010	FIELD BLANK	1.040	<0.05	<0.05	0.37	0.040	0.0870	<0.02	<0.04	<100	<0.01	0.07	<0.5	<0.002	0.0250	<0.2	2.500	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	20.8	1	1	7.4	2	17.4	1	1	1	1	1.4	1	1	12.5	1	25	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."						Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		
		Action	Let Value Stand		Let Value Stand		Let Value Stand						Let Value Stand				Let Value Stand		
		Result	High blank value remains. Retest not requested because lab already reanalyzed.		High blank value remains.		High blank value remains.						High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed.		
X14	11/25/2010	FIELD BLANK	1.910	<0.05	<0.05	<0.05	<0.02	0.2850	<0.02	<0.04	<100	<0.01	0.10	<0.5	<0.002	<0.002	<0.2	0.700	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	38.2	1	1	1	1	57	1	1	1	1	2	1	1	1	1	7	1
		Comments	Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."								Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."				
		Action	Let Value Stand				Let Value Stand								Let Value Stand				
		Result	High blank value remains. Retest not requested because lab already reanalyzed.				High blank value remains. Retest not requested because lab already reanalyzed.								High blank value remains.				
X2	12/1/2010	FIELD BLANK	0.080	<0.05	<0.05	<0.05	0.050	0.0200	<0.02	<0.04	<100	<0.01	0.12	<0.5	<0.002	0.0100	<0.2	0.800	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	1.6	1	1	1	2.5	4	1	1	1	1	2.4	1	1	5	1	8	1
		Comments													Blank concentration equal to PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."		
		Action													Let Value Stand		Let Value Stand		
		Result													High blank value remains.		High blank value remains.		
X14	12/2/2010	FIELD BLANK	0.410	<0.05	<0.05	<0.05	0.070	0.0420	<0.02	<0.04	<100	<0.01	0.15	<0.5	<0.002	0.0120	<0.2	0.300	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	8.2	1	1	1	3.5	8.4	1	1	1	1	3	1	1	6	1	3	1
		Comments	Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.								Blank concentration > PQL and correctly entered into emLine.				
		Action	Let Value Stand				Let Value Stand								Let Value Stand				
		Result	High blank value remains.				High blank value remains.								High blank value remains.				

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Ag µg/L	Al µg/L	As µg/L	B µg/L	Ba µg/L	Be µg/L	Bi µg/L	Ca mg/L	Cd µg/L	Co µg/L	Cr µg/L	Cu µg/L	Fe µg/L	K mg/L	Li mg/L	Mg mg/L
X14	1/11/2010	FIELD BLANK	<0.005	1.20	<0.02	<50.0	0.110	<0.01	<0.005	<0.05	<0.005	0.0000	<0.1	0.1600	<1.0	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	6	1	1	5.5	1	1	1	1	0.0012	1	3.2	1	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.											
		Action		Let Value Stand			Let Value Stand											
		Result		High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.											
X2	2/22/2010	FIELD BLANK	<0.005	0.30	<0.02	<50.0	<0.02	<0.01	<0.005	<0.05	<0.005	<0.0	<0.1	<0.05	<1.0	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	1.5	1	1	1	1	1	1	1	0	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
SC2	4/14/2010	FIELD BLANK	<0.005	0.90	<0.02	<50.0	0.030	<0.01	<0.005	<0.05	<0.005	<0.0	<0.1	<0.05	<1.0	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	1	1.5	1	1	1	1	0	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
X4	5/3/2010	FIELD BLANK	<0.005	1.00	<0.02	<50.0	0.140	<0.01	<0.005	<0.05	<0.005	<0.0	<0.1	<0.05	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	5	1	1	7	1	1	1	1	0	1	1	2	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."			Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."											
		Action		Let Value Stand			Let Value Stand											
		Result		High blank value remains.			High blank value remains.											
NF2	6/4/2010	FIELD BLANK	<0.005	0.90	<0.02	<50	0.030	<0.01	0.01	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	1	1.5	1	2.2	1	1	1	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
X5	6/22/2010	FIELD BLANK	<0.005	4.70	<0.02	<50	0.260	<0.01	0.01	0.09	0.04	0.0410	<0.1	0.8200	5.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	23.5	1	1	13	1	1.8	1.8	7.4	8.2	1	16.4	5	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.	Blank concentration equal to PQL and correctly entered into emLine.				
		Action	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest
		Result	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.
X5 Retest	6/22/2010	FIELD BLANK	<0.005	2.10	<0.02	<50	0.120	<0.01	<0.005	<0.05	0.01	<0.005	<0.1	<0.05	1.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	10.5	1	1	6	1	1	1.2	1	1	1	1	1	1	0.001	1
		Comments	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for June 22 X5 blank. Blank concentration > PQL and correctly entered into emLine.
		Action	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand
		Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.
X14	7/20/2010	FIELD BLANK	<0.005	0.50	<0.02	<50	0.030	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	2.5	1	1	1.5	1	1	1	1	1	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
RCSG#4	8/3/2010	FIELD BLANK	<0.005	0.40	<0.02	<50	0.030	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	2	1	1	1.5	1	1	1	1	1	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
X5	8/10/2010	FIELD BLANK	<0.005	1.50	<0.02	<50	0.110	<0.01	0.01	<0.05	<0.005	<0.005	<0.1	0.1500	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	7.5	1	1	5.5	1	1.8	1	1	1	1	3	2	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.											
		Action		Let Value Stand			Let Value Stand											
		Result		High blank value remains.			High blank value remains.											
X5	8/17/2010	FIELD BLANK	<0.005	1.80	<0.02	<50	0.150	<0.01	<0.005	<0.05	0.02	<0.005	<0.1	0.2400	3.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	9	1	1	7.5	1	1	1	3.6	1	1	4.8	3	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.											
		Action		Let Value Stand			Let Value Stand											
		Result		High blank value remains.			High blank value remains.											

Blank value < PQL  
  Blank value is a detection limit higher than that of DI water  
  Blank value > PQL and < retest limit  
  Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Ag µg/L	Al µg/L	As µg/L	B µg/L	Ba µg/L	Be µg/L	Bi µg/L	Ca mg/L	Cd µg/L	Co µg/L	Cr µg/L	Cu µg/L	Fe µg/L	K mg/L	Li mg/L	Mg mg/L
X5 Retest	8/17/2010	FIELD BLANK																
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Comments																
		Action																
		Result																
X5	9/7/2010	FIELD BLANK																
		Deionized Water	<0.005	2.90	<0.02	<50	0.630	<0.01	<0.005	0.40	<0.005	0.0220	<0.1	0.0600	6.00	<0.05	<0.0005	0.06
		Times greater than DI water	1	14.5	1	1	31.5	1	1	8	1	4.4	1	1.2	6	1	0.001	1.2
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.				
		Action	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest
		Result	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.
X5 Retest	9/7/2010	FIELD BLANK																
		Deionized Water	<0.005	6.00	<0.02	<50	0.670	<0.01	<0.005	0.35	<0.005	0.0210	<0.1	0.0700	7.00	<0.05	<0.0005	<0.05
		Times greater than DI water	1	30	1	1	33.8	1	1	7	1	4.2	1	1.4	7	1	0.001	1
		Comments	Retest for September 7 X5 blank.	Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.
		Action	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand
		Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.
GDHSECK	10/6/2010	FIELD BLANK																
		Deionized Water	<0.005	6.10	<0.02	<50	0.550	<0.01	<0.005	<0.05	<0.005	0.0060	<0.1	<0.05	5.00	<0.05	<0.0005	<0.05
		Times greater than DI water	1	30.5	1	1	27.5	1	1	1	1	1.2	1	1	5	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.								Blank concentration equal to PQL and correctly entered into emLine.			
		Action		Request Retest			Request Retest								Let Value Stand			
		Result		Retest performed, see results below.			Retest performed, see results below.								High blank value remains.			
GDHSECK Retest	10/6/2010	FIELD BLANK																
		Deionized Water	<0.005	2.10	<0.02	<50	0.48	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	0	10.5	0	0	24.8	0	0	0	0	0	0	0	0	0	0	0
		Comments		Retest for October 6 GDHSECK blank. Blank concentration > PQL and correctly entered into emLine.			Retest for October 6 GDHSECK blank. Blank concentration > PQL and correctly entered into emLine.											
		Action		Let Value Stand			Let Value Stand											
		Result		New blank value entered into emLine.			New blank value entered into emLine.											
X4	10/20/2010	FIELD BLANK																
		Deionized Water	<0.005	0.80	<0.02	<50	0.080	<0.01	<0.005	<0.05	<0.005	0.0260	<0.1	0.0600	14.00	<0.05	<0.0005	<0.05
		Times greater than DI water	1	4	1	1	4	1	1	1	1	5.2	1	1.2	14	1	0.001	1
		Comments										Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			
		Action										Let Value Stand			Let Value Stand			
		Result										High blank value remains.			High blank value remains.			
X4 Retest	10/20/2010	FIELD BLANK																
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Comments																
		Action																
		Result																
X14	11/9/2010	FIELD BLANK																
		Deionized Water	<0.005	0.90	<0.02	<50	0.100	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	0.0600	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	1	5	1	1	1	1	1	1	1.2	1	1	1	1
		Comments					Blank concentration equal to PQL and correctly entered into emLine.											
		Action					Let Value Stand											
		Result					High blank value remains.											
X5	11/18/2010	FIELD BLANK																
		Deionized Water	<0.005	2.20	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	2.00	<0.05	<0.0005	<0.05
		Times greater than DI water	1	11	1	1	1	1	1	1	1	1	1	1	2	1	0.001	1
		Comments		Blank concentration > PQL and correctly entered into emLine.														
		Action		Let Value Stand														
		Result		High blank value remains.														
X14	11/25/2010	FIELD BLANK																
		Deionized Water	<0.005	0.80	<0.02	<50	<0.02	<0.01	0.01	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Times greater than DI water	1	4	1	1	1	1	1.2	1	1	1	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																
X2	12/1/2010	FIELD BLANK																
		Deionized Water	<0.005	0.60	<0.02	<50	0.030	<0.01	0.02	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.0005	<0.05
		Times greater than DI water	1	3	1	1	1.5	1	3.2	1	1	1	1	1	1	1	0.001	1
		Comments																
		Action																
		Result																

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)



Station	Date	Sample Type	Ag µg/L	Al µg/L	As µg/L	B µg/L	Ba µg/L	Be µg/L	Bi µg/L	Ca mg/L	Cd µg/L	Co µg/L	Cr µg/L	Cu µg/L	Fe µg/L	K mg/L	Li mg/L	Mg mg/L
X14	12/2/2010	FIELD BLANK	<0.005	0.90	<0.02	<50	0.040	<0.01	0.04	<0.05	<0.005	<0.005	<0.1	0.0800	2.00	<0.05	<0.0005	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	1	4.5	1	1	2	1	7.6	1	1	1	1	1.6	2	1	0.001	1
		Comments							Blank concentration > PQL and correctly entered into emLine.									
		Action							Let Value Stand									
		Result							High blank value remains.									
X14 Retest	12/2/2010	FIELD BLANK	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Deionized Water	<0.005	<0.2	<0.02	<50	<0.02	<0.01	<0.005	<0.05	<0.005	<0.005	<0.1	<0.05	<1	<0.05	<0.5	<0.05
		Times greater than DI water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Comments																
		Action																
		Result																

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Mn µg/L	Mo µg/L	Na mg/L	Ni µg/L	Pb µg/L	Sb µg/L	Se µg/L	Si µg/L	Sn µg/L	Sr µg/L	Ti µg/L	Tl µg/L	U µg/L	V µg/L	Zn µg/L	Zr µg/L		
X14	1/11/2010	FIELD BLANK	0.390	<0.05	0.06	0.230	0.2620	<0.02	<0.04	<100.0	<0.01	0.13	<0.5	<0.002	<0.002	<0.2	2.500	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	7.8	1	1.2	11.5	32.4	1	1	1	1	2.6	1	1	1	1	2	1		
		Comments	Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.		
		Action	Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand		
		Result	High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.			High blank value remains. Investigation of Maxxam and lab blank water planned.		
X2	2/22/2010	FIELD BLANK	0.110	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100.0	<0.01	<0.05	<0.5	<0.002	0.0070	<0.2	<0.1	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	2.2	1	1	1	1	1	1	1	1	1	1	1	3.5	1	1	1		
		Comments																		
		Action																		
		Result																		
SC2	4/14/2010	FIELD BLANK	<0.05	<0.05	<0.05	0.030	0.0810	<0.02	<0.04	<100.0	<0.01	0.08	<0.5	<0.002	0.0030	<0.2	0.700	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	1	1	1	1.5	16.2	1	1	1	1	1.6	1	1	1.5	1	7	1		
		Comments				Blank concentration > PQL and correctly entered into emLine.												Blank concentration > PQL and correctly entered into emLine.		
		Action				Let Value Stand												Let Value Stand		
		Result				High blank value remains.												High blank value remains.		
X4	5/3/2010	FIELD BLANK	0.150	<0.05	<0.05	0.030	0.1660	<0.02	<0.04	<100.0	<0.01	0.08	<0.5	<0.002	0.0040	<0.2	0.600	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	3	1	1	1.5	33.2	1	1	1	1	1.6	1	1	2	1	6	1		
		Comments				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."												Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved metals greater than total metals for some parameters; analysis from separate field prepared sample bottles."		
		Action				Let Value Stand												Let Value Stand		
		Result				High blank value remains.												High blank value remains.		
NF2	6/4/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.02	0.0250	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	0.200	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	1	1	1	1	5	1	1	1	1	1	1	1	1	1	2	1		
		Comments				Blank concentration > PQL and correctly entered into emLine. Lab noted that "Dissolved greater than total. Reanalysis yields similar results."														
		Action				Let Value Stand														
		Result				High blank value remains.												High blank value remains.		
X5	6/22/2010	FIELD BLANK	2.160	<0.05	0.08	0.490	0.3560	<0.02	<0.04	<100	0.03	0.16	<0.5	<0.002	<0.002	<0.2	10.200	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	43.2	1	1.6	24.5	71.2	1	1	1	3	3.2	1	1	1	1	102	1		
		Comments	Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.		
		Action	Request Retest			Request Retest			Request Retest			Request Retest			Request Retest			Request Retest		
		Result	Retest performed, see results below.			Retest performed, see results below.			Retest performed, see results below.			Retest performed, see results below.			Retest performed, see results below.			Retest performed, see results below.		
X5 Retest	6/22/2010	FIELD BLANK	0.120	<0.05	<0.05	0.020	0.1010	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.007	<0.2	0.800	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	2.4	1	1	1	20.2	1	1	1	1	1	1	1	3.5	1	8	1		
		Comments	Retest for June 22 X5 blank.			Retest for June 22 X5 blank.			Retest for June 22 X5 blank.			Retest for June 22 X5 blank.			Retest for June 22 X5 blank.			Retest for June 22 X5 blank.		
		Action	Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand		
		Result	New blank value entered into emLine.			New blank value entered into emLine.			New blank value entered into emLine.			New blank value entered into emLine.			New blank value entered into emLine.			New blank value entered into emLine.		
X14	7/20/2010	FIELD BLANK	0.160	<0.05	<0.05	<0.02	0.0480	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	0.200	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	3.2	1	1	1	9.6	1	1	1	1	1	1	1	1	2	1	1		
		Comments				Blank concentration > PQL and correctly entered into emLine.														
		Action				Let Value Stand														
		Result				High blank value remains.														
RCSG#4	8/3/2010	FIELD BLANK	0.070	<0.05	<0.05	<0.02	0.0460	<0.02	<0.04	<100	<0.01	0.06	<0.5	<0.002	0.0050	<0.2	0.300	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	1.4	1	1	1	9.2	1	1	1	1	1.2	1	1	2.5	1	3	1		
		Comments				Blank concentration > PQL and correctly entered into emLine.														
		Action				Let Value Stand														
		Result				High blank value remains.														
X5	8/10/2010	FIELD BLANK	0.550	<0.05	<0.05	0.350	0.2350	<0.02	<0.04	<100	<0.01	0.10	<0.5	<0.002	0.0060	<0.2	2.100	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	11	1	1	17.5	47	1	1	1	1	2	1	1	3	1	21	1		
		Comments	Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.		
		Action	Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand			Let Value Stand		
		Result	High blank value remains.			High blank value remains.			High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.			High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.			High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.			High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.		
X5	8/17/2010	FIELD BLANK	0.420	<0.05	<0.05	0.070	0.3440	<0.02	<0.04	<100	<0.01	0.09	<0.5	<0.002	<0.002	<0.2	1.600	<0.1		
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1		
		Times greater than DI water	8.4	1	1	3.5	68.8	1	1	1	1	1.8	1	1	1	1	16	1		
		Comments	Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.			Blank concentration > PQL and correctly entered into emLine.		
		Action	Let Value Stand			Request Retest												Let Value Stand		
		Result	High blank value remains.			Retest performed, see results below.												High blank value remains.		

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Mn µg/L	Mo µg/L	Na mg/L	Ni µg/L	Pb µg/L	Sb µg/L	Se µg/L	Si µg/L	Sn µg/L	Sr µg/L	Ti µg/L	Ti µg/L	U µg/L	V µg/L	Zn µg/L	Zr µg/L	
X5 Retest	8/17/2010	FIELD BLANK					0.2230												
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	0	0	0	0	44.4	0	0	0	0	0	0	0	0	0	0	0	
		Comments					Retest for August 10 X5 blank. Blank concentration > PQL and correctly entered into emLine.												
		Action					Let Value Stand												
		Result					New blank value entered into emLine.												
X5	9/7/2010	FIELD BLANK	16.400	<0.05	0.06	0.060	0.4610	0.62	<0.04	<100	0.02	1.14	<0.5	0.00	0.0080	<0.2	2.400	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	328	1	1.2	3	92.2	31	1	1	2	22.8	1	1.5	4	1	24	1	
		Comments					Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	Request Retest	
		Result	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	Retest performed, see results below.	
X5 Retest	9/7/2010	FIELD BLANK	16.300	<0.05	<0.05	0.050	0.5580	0.74	<0.04	<100	<0.01	1.15	<0.5	<0.002	<0.002	<0.2	2.200	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	326	1	1	2.5	111.8	37	1	1	1	23	1	1	1	1	22	1	
		Comments					Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for September 7 X5 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	Retest for September 7 X5 blank.	
		Action	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	Let Value Stand	
		Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	
GDHSECK	10/6/2010	FIELD BLANK	0.510	<0.05	<0.05	0.030	0.1990	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	2.100	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	10.2	1	1	1.5	39.8	1	1	1	1	1	1	1	1	1	21	1	
		Comments					Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.									Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action	Let Value Stand				Request Retest										Request Retest	Request Retest	
		Result	High blank value remains.				Retest performed, see results below.										Retest performed, see results below.	Retest performed, see results below.	
GDHSECK Retest	10/6/2010	FIELD BLANK					0.12										1.40	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	0	0	0	0	23	0	0	0	0	0	0	0	0	0	14	0	
		Comments					Retest for October 6 GDHSECK blank. Blank concentration > PQL and correctly entered into emLine.											Retest for October 6 GDHSECK blank. Blank concentration > PQL and correctly entered into emLine.	Retest for October 6 GDHSECK blank. Blank concentration > PQL and correctly entered into emLine.
		Action					Let Value Stand										Let Value Stand	Let Value Stand	
		Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	
X4	10/20/2010	FIELD BLANK	3.170	<0.05	<0.05	0.030	0.1030	<0.02	<0.04	<100	<0.01	0.17	<0.5	<0.002	0.0120	<0.2	8.200	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	63.4	1	1	1.5	20.6	1	1	1	1	3.4	1	1	6	1	82	1	
		Comments					Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.							Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action	Request Retest				Request Retest								Let Value Stand		Request Retest	Request Retest	
		Result	Retest performed, see results below.				Retest performed, see results below.								High blank value remains.		Retest performed, see results below.	Retest performed, see results below.	
X4 Retest	10/20/2010	FIELD BLANK	2.860	<0.05	<0.05	<0.02	0.1320	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	6.800	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	57.2	0	0	0	26.4	0	0	0	0	0	0	0	0	0	68	0	
		Comments					Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.									Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.	Retest for October 20 X4 blank. Blank concentration > PQL and correctly entered into emLine.	
		Action	Let Value Stand				Let Value Stand										Let Value Stand	Let Value Stand	
		Result	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	New blank value entered into emLine.	
X14	11/9/2010	FIELD BLANK	0.130	<0.05	<0.05	<0.02	0.1560	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	0.700	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	2.6	1	1	1	31.2	1	1	1	1	1	1	1	1	1	7	1	
		Comments					Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.									Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action					Let Value Stand										Let Value Stand	Let Value Stand	
		Result	High blank value remains.				High blank value remains. Retest not requested because lab already reanalyzed full suite because dissolved > total for some metals.										High blank value remains.	High blank value remains.	
X5	11/18/2010	FIELD BLANK	0.610	<0.05	<0.05	0.070	0.0210	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	0.0250	<0.2	0.200	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	12.2	1	1	3.5	4.2	1	1	1	1	1	1	1	12.5	1	2	1	
		Comments					Blank concentration > PQL and correctly entered into emLine.								Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action	Let Value Stand				Let Value Stand								Let Value Stand		Let Value Stand	Let Value Stand	
		Result	High blank value remains.				High blank value remains.								High blank value remains.		High blank value remains.	High blank value remains.	
X14	11/25/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.02	0.0210	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	0.0050	<0.2	0.300	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	1	1	1	1	4.2	1	1	1	1	1	1	1	2.5	1	3	1	
		Comments																	
		Action																	
		Result																	
X2	12/1/2010	FIELD BLANK	<0.05	<0.05	<0.05	<0.02	0.0150	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	0.0110	<0.2	0.400	<0.1	
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1	
		Times greater than DI water	1	1	1	1	3	1	1	1	1	1	1	1	5.5	1	4	1	
		Comments													Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.	Blank concentration > PQL and correctly entered into emLine.	
		Action													Let Value Stand		Let Value Stand	Let Value Stand	
		Result													High blank value remains.		High blank value remains.	High blank value remains.	

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)

Station	Date	Sample Type	Mn µg/L	Mo µg/L	Na mg/L	Ni µg/L	Pb µg/L	Sb µg/L	Se µg/L	Si µg/L	Sn µg/L	Sr µg/L	Tl µg/L	Tl µg/L	U µg/L	V µg/L	Zn µg/L	Zr µg/L
X14	12/2/2010	FIELD BLANK	1.790	<0.05	<0.05	0.050	0.0680	<0.02	<0.04	<100	<0.01	0.09	<0.5	<0.002	0.0160	<0.2	1.100	<0.1
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	35.8	1	1	2.5	13.6	1	1	1	1	1.8	1	1	8	1	11	1
		Comments	Blank concentration > PQL and correctly entered into emLine.				Blank concentration > PQL and correctly entered into emLine.								Blank concentration > PQL and correctly entered into emLine.		Blank concentration > PQL and correctly entered into emLine.	
		Action	Request Retest				Let Value Stand								Let Value Stand		Let Value Stand	
		Result	Retest performed, see results below.				High blank value remains.								High blank value remains.		High blank value remains.	
X14 Retest	12/2/2010	FIELD BLANK	0.410															
		Deionized Water	<0.05	<0.05	<0.05	<0.02	<0.005	<0.02	<0.04	<100	<0.01	<0.05	<0.5	<0.002	<0.002	<0.2	<0.1	<0.1
		Times greater than DI water	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Comments	Retest for December 2 X14 blank. Blank concentration > PQL and correctly entered into emLine.															
		Action	Let Value Stand															
		Result	New blank value entered into emLine.															

Blank value < PQL  
 Blank value is a detection limit higher than that of DI water  
 Blank value > PQL and < retest limit  
 Blank value > retest limit (20X DI Water Detection Limit)