EPA SAMPLE NO.

ME2975L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51900 MA No.: SDG No.: ME2975

Matrix : Water Analytical Method: ICP-MS

% Solids:

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)	Q	Serial Dilution Result(S)	Q	% Difference	Q
Aluminum	9.5	J	100	U	100	
Antimony	0.11	J	10.0	U	100	
Arsenic	2.4		2.1	J	16	
Barium	110		110		2	
Beryllium	1.0	U	5.0	U		
Cadmium	1.0	U	5.0	U		
Calcium	180000		180000		1	
Chromium	0.61	J	0.65	J	7	
Cobalt	0.26	J	0.25	J	4	
Copper	0.42	J	10.0	U	100	
Iron	750		700	J	7	
Lead	0.32	J	5.0	U	100	
Magnesium	47000		47000		0	
Manganese	55		110		93	*
Nickel	1.7		1.4	J	15	
Potassium	4600		4700		2	
Selenium	5.0	U	25.0	U		
Silver	1.0	U	5.0	U		
Sodium	14000		14000		1	
Thallium	1.0	U	5.0	U		
Vanadium	0.83	J	0.85	J	2	
Zinc	1.9	J	4.1	J	122	