EPA SAMPLE NO.

A6335L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

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

Lab Code: ACE Case No.: 51952 MA No.: SDG No.: A6311

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	1500		1500		3	
Antimony	2.0	U	10.0	U		
Arsenic	2.7		2.4	J	12	
Barium	20		20	J	1	
Beryllium	0.09	J	5.0	U	100	
Cadmium	1.0	U	5.0	U		
Calcium	12000		12000		1	
Chromium	3.0		9.3	J	209	
Cobalt	0.88	J	0.95	J	8	
Copper	2.1		14		569	
Iron	2400		2500		1	
Lead	5.0		4.7	J	6	
Magnesium	2900		2800		5	
Manganese	450		440		2	
Nickel	2.3		4.9	J	115	
Potassium	2600		2600		3	
Selenium	5.0	U	25.0	U		
Silver	1.0	U	5.0	U		
Sodium	33000		32000		3	
Thallium	1.0	U	5.0	U		
Vanadium	2.9	J	2.9	J	1	
Zinc	14		14	J	3	