

EPA SAMPLE NO.

MYDB06L

FORM 8-IN

ICP-AES AND ICP-MS SERIAL DILUTIONS

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51772 MA No.: SDG No.: MYDAX3Matrix : Soil Analytical Method: ICP-AES% Solids: 98.1Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): mg/kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	
		Q		Q		Q
Aluminum	16000	D	17000	D	8	
Antimony	9.9	UD	49.0	UD		
Arsenic	10	D	13	D	29	
Barium	120	D	130	JD	10	
Beryllium	0.95	D	1.1	JD	12	
Cadmium	0.85	D	0.51	JD	40	
Calcium	5400	D	5800	D	8	
Chromium	15	D	16	D	10	
Cobalt	15	D	15	JD	1	
Copper	23	D	25	D	6	
Iron	34000	D	37000	D	10	
Lead	14	D	17	D	25	
Magnesium	5100	D	5500	D	8	
Manganese	640	D	710	D	12	
Nickel	18	D	19	JD	1	
Potassium	2600	D	2900	JD	12	
Selenium	5.8	UD	29.0	UD		
Silver	1.6	UD	8.2	UD		
Sodium	820	UD	4100	UD		
Thallium	4.1	UD	21.0	UD		
Vanadium	55	D	60	D	9	
Zinc	51	D	58	D	12	