

M-31SS

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688Matrix : Water Analytical Method: ICP-AES% Solids: Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Arsenic	75 - 125	32	10.0 U	40.0	79	
Barium	75 - 125	1900	52 J	2000	90	
Cadmium	75 - 125	43	5.0 U	50.0	86	
Chromium	75 - 125	220	0.67 J	200	108	
Lead	75 - 125	19	10.0 U	20.0	96	
Selenium	75 - 125	83	35.0 U	100	83	
Silver	75 - 125	48	10.0 U	50.0	96	

EPA SAMPLE NO.

M-31SS

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: Sharkey Land MA No. : SDG No.: Q3688Matrix : Water Analytical Method: CVAA% Solids: Concentration Units ($\mu\text{g/L}$, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Mercury	75 - 125	1.1	0.2	1.0	110	