

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHB2

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 74

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

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Antimony	75 - 125	18	0.8 J	21.8	77	
Arsenic	75 - 125	15	6.3	8.72	99	
Barium	75 - 125	530	140	436	90	
Beryllium	75 - 125	9.7	0.43 J	10.9	85	
Cadmium	75 - 125	11	0.95	10.9	94	
Chromium	75 - 125	57	17	43.6	92	
Cobalt	75 - 125	110	6.7	109	97	
Copper	75 - 125	100	58	54.5	79	
Lead		120	120	4.36	29	
Manganese		730	660	109	67	
Nickel	75 - 125	120	17	109	96	
Selenium	75 - 125	17	3.9 U	21.8	78	
Silver	75 - 125	7.9	1.1 U	10.9	72	*
Thallium	75 - 125	10	2.8 U	10.9	92	
Vanadium	75 - 125	120	21	109	90	
Zinc	75 - 125	240	170	109	67	*