

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMF4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.9

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	19	5.1 J	18.9	71	*
Arsenic	75 - 125	20	14	7.55	71	*
Barium	75 - 125	630	330	377	78	
Beryllium	75 - 125	8.6	0.6	9.43	84	
Cadmium	75 - 125	11	1.7	9.43	94	
Chromium	75 - 125	48	15	37.7	86	
Cobalt	75 - 125	110	13	94.3	99	
Copper	75 - 125	92	59	47.2	72	*
Lead		470	510	3.77	-970	
Manganese		1600	1700	94.3	-38	
Nickel	75 - 125	110	17	94.3	100	
Selenium	75 - 125	24	11	18.9	66	*
Silver	75 - 125	4.3	1.0 U	9.43	46	*
Thallium	75 - 125	5.3	2.5 U	9.43	56	*
Vanadium	75 - 125	97	16	94.3	86	
Zinc		590	560	94.3	31	