

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHME4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79.2

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	4.3 J	21.0	72	*
Arsenic	75 - 125	32	22	8.42	115	
Barium	75 - 125	550	200	421	85	
Beryllium	75 - 125	9.2	0.7	10.52	81	
Cadmium	75 - 125	11	1.5	10.52	94	
Chromium	75 - 125	54	16	42.1	89	
Cobalt	75 - 125	120	13	105	96	
Copper	75 - 125	120	70	52.6	91	
Lead		550	490	4.21	1259	
Manganese		1700	1500	105	212	
Nickel	75 - 125	130	22	105	99	
Selenium	75 - 125	25	9.1	21.0	73	*
Silver	75 - 125	5.8	0.95 U	10.52	55	*
Thallium	75 - 125	7.2	2.4 U	10.52	68	*
Vanadium	75 - 125	100	16	105	83	
Zinc	75 - 125	420	320	105	103	