

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLE9

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86

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	13	0.63 J	19.5	62	*
Arsenic	75 - 125	19	10	7.82	116	
Barium	75 - 125	400	100	391	76	
Beryllium	75 - 125	8.0	0.67	9.77	75	
Cadmium	75 - 125	9.6	0.4 J	9.77	94	
Chromium	75 - 125	41	11	39.1	78	
Cobalt	75 - 125	100	9.9	97.7	94	
Copper	75 - 125	56	22	48.9	71	*
Lead		30	26	3.91	100	
Manganese		1200	1100	97.7	95	
Nickel	75 - 125	110	16	97.7	96	
Selenium	75 - 125	21	9.2	19.5	58	*
Silver	75 - 125	2.6	0.95 U	9.77	27	*
Thallium	75 - 125	3.5	2.4 U	9.77	36	*
Vanadium	75 - 125	92	15	97.7	78	
Zinc	75 - 125	120	57	97.7	65	*