

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHM90

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 77.7

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		4.0	J	18.1	80	
Arsenic		37		32		7.25	59	
Barium	75 - 125	470		170		363	82	
Beryllium	75 - 125	9.1		1.5		9.06	84	
Cadmium	75 - 125	9.3		0.96		9.06	92	
Chromium	75 - 125	48		18		36.3	85	
Cobalt	75 - 125	90		3.5	J	90.6	96	
Copper	75 - 125	88		58		45.3	66	*
Lead		340		380		3.63	-1025	
Manganese		570		550		90.6	24	
Nickel	75 - 125	110		22		90.6	94	
Selenium	75 - 125	24		10		18.1	73	*
Silver	75 - 125	5.0		0.98	U	9.06	55	*
Thallium	75 - 125	2.3	U	2.4	U	9.06	0	*
Vanadium	75 - 125	97		22		90.6	83	
Zinc	75 - 125	360		310		90.6	48	*