

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHMR4

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	14	5.9 U	18.6	75	
Arsenic	75 - 125	7.5	2.5	7.4	67	*
Barium	75 - 125	330	42	370	79	
Beryllium	75 - 125	8.6	0.15 J	9.3	90	
Cadmium	75 - 125	8.7	0.3 J	9.3	90	
Chromium	75 - 125	39	5.5	37.2	91	
Cobalt	75 - 125	87	3.6 J	93.0	90	
Copper	75 - 125	49	12	46.5	80	
Lead		37	37	3.7	10	
Manganese	75 - 125	410	370	93.0	47	*
Nickel	75 - 125	90	5.5	93.0	90	
Selenium	75 - 125	14	1.2 J	18.6	71	*
Silver	75 - 125	5.5	0.99 U	9.3	59	*
Thallium	75 - 125	8.6	2.5 U	9.3	92	
Vanadium	75 - 125	87	4.9	93.0	88	
Zinc	75 - 125	140	59	93.0	91	