

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHS7

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 79

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	5.9 U	19.0	68	*
Arsenic	75 - 125	11	3.9	7.61	91	
Barium	75 - 125	350	15 J	381	87	
Beryllium	75 - 125	8.6	0.34 J	9.52	87	
Cadmium	75 - 125	9.0	0.38 J	9.52	90	
Chromium	75 - 125	41	5.5	38.1	93	
Cobalt	75 - 125	98	8.1	95.2	95	
Copper	75 - 125	49	11	47.6	79	
Lead		68	39	3.81	766	
Manganese		630	580	95.2	55	
Nickel	75 - 125	100	10	95.2	95	
Selenium	75 - 125	11	3.5 U	19.0	58	*
Silver	75 - 125	7.0	0.094 J	9.52	72	*
Thallium	75 - 125	9.2	1.1 J	9.52	85	
Vanadium	75 - 125	89	5.8	95.2	87	
Zinc	75 - 125	140	78	95.2	69	*