

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHHR1

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 73.2

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	0.59 J	22.6	79	
Arsenic	75 - 125	29	20	9.03	99	
Barium	75 - 125	630	230	452	90	
Beryllium	75 - 125	11	0.66	11.3	89	
Cadmium	75 - 125	12	0.95	11.3	97	
Chromium	75 - 125	65	22	45.2	95	
Cobalt	75 - 125	130	13	113	105	
Copper	75 - 125	110	63	56.5	84	
Lead		870	890	4.52	-337	
Manganese		1500	1400	113	60	
Nickel	75 - 125	140	24	113	105	
Selenium	75 - 125	18	1.5 J	22.6	74	*
Silver	75 - 125	8.5	1.2 U	11.3	75	
Thallium	75 - 125	11	2.9 U	11.3	97	
Vanadium	75 - 125	120	17	113	93	
Zinc	75 - 125	300	230	113	69	*