

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHK78

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 87

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	4.8 U	17.5	74	*
Arsenic	75 - 125	28	19	7.02	124	
Barium	75 - 125	540	200	351	96	
Beryllium	75 - 125	8.6	0.55	8.77	91	
Cadmium	75 - 125	9.1	0.92	8.77	93	
Chromium	75 - 125	46	13	35.1	94	
Cobalt	75 - 125	95	8.9	87.7	99	
Copper	75 - 125	76	36	43.9	92	
Lead		830	780	3.51	1606	
Manganese		900	760	87.7	161	
Nickel	75 - 125	100	15	87.7	100	
Selenium	75 - 125	13	2.8 U	17.5	74	*
Silver	75 - 125	6.5	0.8 U	8.77	74	*
Thallium	75 - 125	8.6	0.6 J	8.77	91	
Vanadium	75 - 125	110	29	87.7	94	
Zinc	75 - 125	330	250	87.7	93	