

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51698

MA No. : SDG No.: MBHCH8

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 86.7

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	7.3		5.0	U	17.9	41	*
Arsenic	75 - 125	0.89	U	0.83	U	7.15	0	*
Barium	75 - 125	440		120		358	88	
Beryllium	75 - 125	8.9		0.94		8.94	89	
Cadmium	75 - 125	9.7		1.0		8.94	96	
Chromium		360		350		35.8	16	
Cobalt	75 - 125	130		44		89.4	92	
Copper	75 - 125	77		42		44.7	79	
Lead	75 - 125	15		10		3.58	130	*
Manganese		670		740		89.4	-79	
Nickel		540	D	570	D	89.4	-34	
Selenium	75 - 125	13		2.9	U	17.9	73	*
Silver	75 - 125	7.0		0.83	U	8.94	78	
Thallium	75 - 125	2.4		2.1	U	8.94	27	*
Vanadium	75 - 125	170		100		89.4	82	
Zinc	75 - 125	130		48		89.4	95	