

MBHLS0S

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHLR4

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 80.6

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	20		4.4	J	20.2	75	
Arsenic	75 - 125	24		15		8.07	113	
Barium	75 - 125	530		190		403	85	
Beryllium	75 - 125	8.7		0.78		10.09	79	
Cadmium	75 - 125	12		2.1		10.09	95	
Chromium	75 - 125	49		13		40.3	89	
Cobalt	75 - 125	110		11		101	97	
Copper	75 - 125	71		30		50.4	81	
Lead		280		250		4.03	770	
Manganese		1100		880		101	183	
Nickel	75 - 125	120		19		101	98	
Selenium	75 - 125	24		9.0		20.2	73	*
Silver	75 - 125	5.9		0.097	J	10.09	58	*
Thallium	75 - 125	2.0	J	2.3	U	10.09	20	*
Vanadium	75 - 125	99		17		101	82	
Zinc		600		460		101	132	