

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHHF2Matrix : SoilAnalytical Method: ICP-AES% Solids: 67.2Concentration Units ($\mu\text{g/L}$, 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		0.99	J	21.4	83	
Arsenic		56		60		8.56	-46	
Barium	75 - 125	650		270		428	91	
Beryllium	75 - 125	11		0.56	J	10.71	97	
Cadmium	75 - 125	12		1.8		10.71	97	
Chromium	75 - 125	64		26		42.8	89	
Cobalt	75 - 125	120		12		107	99	
Copper	75 - 125	110		66		53.5	74	*
Lead		630		760		4.28	-3045	
Manganese		890		920		107	-25	
Nickel	75 - 125	130		24		107	97	
Selenium	75 - 125	17		4.6	U	21.4	79	
Silver	75 - 125	8.4		1.3	U	10.71	78	
Thallium	75 - 125	9.1		3.3	U	10.71	85	
Vanadium	75 - 125	130		28		107	98	
Zinc		420		430		107	-8	