

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHM62Matrix : SoilAnalytical Method: ICP-AES% Solids: 81.5Concentration 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	5.4	18.9	76	
Arsenic	75 - 125	21	12	7.55	107	
Barium	75 - 125	500	170	378	88	
Beryllium	75 - 125	8.9	0.68	9.44	87	
Cadmium	75 - 125	9.6	0.65	9.44	94	
Chromium	75 - 125	50	15	37.8	92	
Cobalt	75 - 125	100	11	94.4	96	
Copper	75 - 125	74	35	47.2	84	
Lead		470	450	3.78	591	
Manganese		710	600	94.4	114	
Nickel	75 - 125	110	21	94.4	98	
Selenium	75 - 125	22	7.4	18.9	76	
Silver	75 - 125	4.5	0.9 U	9.44	48	*
Thallium	75 - 125	5.4	2.3 U	9.44	57	*
Vanadium	75 - 125	110	21	94.4	89	
Zinc	75 - 125	360	280	94.4	90	