

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51698MA No. : SDG No.: MBHCS8Matrix : SoilAnalytical Method: ICP-AES% Solids: 81.4Concentration 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	8.3	0.43 J	18.9	41	*
Arsenic	75 - 125	2.6	0.91 U	7.56	34	*
Barium	75 - 125	360	57	378	80	
Beryllium	75 - 125	8.4	0.77	9.45	81	
Cadmium	75 - 125	9.5	1.6	9.45	84	
Chromium		210	170	37.8	111	
Cobalt	75 - 125	110	28	94.5	85	
Copper	75 - 125	72	36	47.3	78	
Lead	75 - 125	12	14	3.78	-49	*
Manganese		560	420	94.5	152	
Nickel	75 - 125	340	220	94.5	127	*
Selenium	75 - 125	12	3.2 U	18.9	63	*
Silver	75 - 125	5.8	0.91 U	9.45	61	*
Thallium	75 - 125	1.2 J	2.3 U	9.45	13	*
Vanadium	75 - 125	170	94	94.5	81	
Zinc	75 - 125	130	130	94.5	4	*