

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHK33Matrix : SoilAnalytical Method: ICP-AES% Solids: 92.8Concentration 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	12	5.3 U	14.8	81	
Arsenic	75 - 125	9.5	4.0	5.9	94	
Barium	75 - 125	300	41	295	86	
Beryllium	75 - 125	7.2	0.67	7.38	88	
Cadmium	75 - 125	7.4	0.24 J	7.38	97	
Chromium	75 - 125	31	5.2	29.5	87	
Cobalt	75 - 125	77	5.5	73.8	97	
Copper	75 - 125	40	12	36.9	75	
Lead	75 - 125	11	10	2.95	25	*
Manganese		630	690	73.8	-81	
Nickel	75 - 125	81	11	73.8	95	
Selenium	75 - 125	14	2.8 J	14.8	75	
Silver	75 - 125	4.7	0.88 U	7.38	64	*
Thallium	75 - 125	4.8	2.2 U	7.38	65	*
Vanadium	75 - 125	73	9.7	73.8	86	
Zinc	75 - 125	84	25	73.8	80	