

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHLQ3Matrix : SoilAnalytical Method: ICP-AES% Solids: 77.2Concentration 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	13		1.2	J	19.9	60	*
Arsenic	75 - 125	20		12		7.97	94	
Barium	75 - 125	400		100		399	74	*
Beryllium	75 - 125	8.2		0.76		9.96	74	*
Cadmium	75 - 125	9.4		0.36	J	9.96	91	
Chromium	75 - 125	43		12		39.9	76	
Cobalt	75 - 125	100		10		99.6	92	
Copper	75 - 125	71		38		49.8	67	*
Lead		45		45		3.99	19	
Manganese		900		870		99.6	33	
Nickel	75 - 125	110		17		99.6	93	
Selenium	75 - 125	20		9.2		19.9	54	*
Silver	75 - 125	2.9		1.0	U	9.96	29	*
Thallium	75 - 125	3.4		2.6	U	9.96	34	*
Vanadium	75 - 125	93		17		99.6	76	
Zinc	75 - 125	140		83		99.6	60	*