

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group Contract: EPW14030
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHN20
 Matrix : Soil Analytical Method: ICP-AES
 % Solids: 84.6

Concentration 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	19	2.4 J	21.5	76	
Arsenic	75 - 125	28	17	8.6	130	*
Barium	75 - 125	460	94	430	85	
Beryllium	75 - 125	9.9	1.0	10.75	82	
Cadmium	75 - 125	11	0.63	10.75	93	
Chromium	75 - 125	51	12	43.0	91	
Cobalt	75 - 125	120	13	107	96	
Copper	75 - 125	84	32	53.7	96	
Lead		89	77	4.3	279	
Manganese		1200	1000	107	172	
Nickel	75 - 125	120	15	107	98	
Selenium	75 - 125	28	11	21.5	79	
Silver	75 - 125	5.7	0.97 U	10.75	53	*
Thallium	75 - 125	6.1	2.4 U	10.75	57	*
Vanadium	75 - 125	110	18	107	88	
Zinc	75 - 125	160	68	107	85	