

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting GroupContract: EPW14030Lab Code: ACE Case No.: 51879MA No. : SDG No.: MBHN18Matrix : SoilAnalytical Method: ICP-AES% Solids: 75.4Concentration 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	13	6.7	U	22.1	59 *
Arsenic	75 - 125	15	9.2		8.8	60 *
Barium	75 - 125	460	170		440	64 *
Beryllium	75 - 125	8.1	0.47	J	11.1	69 *
Cadmium	75 - 125	11	1.0		11.1	90
Chromium	75 - 125	50	18		44.2	72 *
Cobalt	75 - 125	110	11		110	91
Copper	75 - 125	75	40		55.3	64 *
Lead		200	200		4.4	-33
Manganese		1200	1100		110	48
Nickel	75 - 125	120	18		110	91
Selenium	75 - 125	16	3.3	J	22.1	57 *
Silver	75 - 125	4.6	1.1	U	11.1	41 *
Thallium	75 - 125	9.4	2.8	U	11.1	85
Vanadium	75 - 125	92	16		110	69 *
Zinc	75 - 125	220	140		110	72 *