

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51879

MA No. : SDG No.: MBHKK8

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 82.4

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	1.0 J	21.1	84	
Arsenic	75 - 125	23	14	8.44	110	
Barium	75 - 125	510	120	422	92	
Beryllium	75 - 125	10	1.3	10.55	87	
Cadmium	75 - 125	12	1.4	10.55	97	
Chromium	75 - 125	55	14	42.2	97	
Cobalt	75 - 125	110	7.3	106	97	
Copper	75 - 125	78	36	52.8	78	
Lead		560	580	4.22	-527	
Manganese		1200	1100	106	110	
Nickel	75 - 125	120	20	106	97	
Selenium	75 - 125	24	6.5	21.1	81	
Silver	75 - 125	7.1	0.27 J	10.55	64	*
Thallium	75 - 125	4.8	2.4 U	10.55	45	*
Vanadium	75 - 125	110	15	106	89	
Zinc	75 - 125	370	270	106	98	