

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDB23

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 98

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	25	D	8.8	UD	32.4	78	
Arsenic	75 - 125	43	D	28	D	12.96	114	
Barium	75 - 125	690	D	100	D	648	91	
Beryllium	75 - 125	16	D	0.71	JD	16.2	94	
Cadmium	75 - 125	16	D	1.0	D	16.2	93	
Chromium	75 - 125	73	D	11	D	64.8	95	
Cobalt	75 - 125	170	D	13	D	162	97	
Copper	75 - 125	110	D	38	D	81.0	86	
Lead		39	D	29	D	6.48	145	
Manganese	75 - 125	740	D	550	D	162	118	
Nickel	75 - 125	170	D	15	D	162	97	
Selenium	75 - 125	23	D	5.1	UD	32.4	71	*
Silver	75 - 125	11	D	1.5	UD	16.2	85	
Thallium	75 - 125	10	D	3.6	UD	16.2	86	
Vanadium	75 - 125	190	D	42	D	162	92	
Zinc	75 - 125	230	D	99	D	162	79	