

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51772

MA No. : SDG No.: MYDB12

Matrix : Soil

Analytical Method: ICP-AES

% Solids: 96.5

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	14	D	0.72	JD	31.4	41	*
Arsenic	75 - 125	43	D	33	D	12.56	82	
Barium	75 - 125	690	D	130	D	628	89	
Beryllium	75 - 125	15	D	1.0	D	15.7	86	
Cadmium	75 - 125	15	D	0.92	D	15.7	92	
Chromium	75 - 125	76	D	15	D	62.8	96	
Cobalt	75 - 125	160	D	15	D	157	95	
Copper	75 - 125	110	D	43	D	78.6	83	
Lead		33	D	28	D	6.28	74	
Manganese	75 - 125	630	D	530	D	157	66	*
Nickel	75 - 125	170	D	17	D	157	97	
Selenium	75 - 125	22	D	5.5	UD	31.4	71	*
Silver	75 - 125	10	D	1.6	UD	15.7	86	
Thallium	75 - 125	10	D	3.9	UD	15.7	90	
Vanadium	75 - 125	200	D	53	D	157	90	
Zinc	75 - 125	210	D	91	D	157	76	