

FORM 5A - IN

MATRIX SPIKE SAMPLE RECOVERY

Lab Name: Chemtech Consulting Group

Contract: EPW14030

Lab Code: ACE Case No.: 51835

MA No. : SDG No.: MBH6M7

Matrix : Water

Analytical Method: ICP-AES

% Solids:

Concentration Units (µg/L, mg/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR) Q	Sample Result (SR) Q	Spike Added (SA)	%R	Q
Aluminum		15000	13000	2000	74	
Antimony	75 - 125	78	60.0	100	78	
Arsenic	75 - 125	65	34	40.0	77	
Barium	75 - 125	1800	79	2000	88	
Beryllium	75 - 125	55	8.1	50.0	94	
Cadmium	75 - 125	53	1.6	50.0	102	
Chromium	75 - 125	210	19	200	96	
Cobalt	75 - 125	530	22	500	101	
Copper		2300	2200	250	70	
Iron		22000	22000	1000	51	
Lead	75 - 125	25	4.0	20.0	102	
Manganese		7100	6700	500	73	
Nickel	75 - 125	550	38	500	102	
Selenium	75 - 125	76	35.0	100	76	
Silver	75 - 125	39	10.0	50.0	77	
Thallium	75 - 125	46	25.0	50.0	92	
Vanadium	75 - 125	580	120	500	92	
Zinc	75 - 125	880	480	500	79	