

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT-DISCHARGEL

Lab Name: Chemtech Consulting Group

Contract: METE01

Lab Code: CHEM Lb No.: lb135674 Lab Sample ID : Q1930-01L SDG No.: Q1944

Matrix (soil/water): Water Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	14300		13700		4		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	50.0	U	250	U			P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	8400		8230		2		P
Chromium	156		151		3		P
Cobalt	15.0	U	75.0	U			P
Copper	17.4		17.4	J	0		P
Iron	668		594		11		P
Lead	6.00	U	30.0	U			P
Magnesium	1150		1170	J	2		P
Manganese	4.86	J	50.0	U	100.0		P
Nickel	12.9	J	12.4	J	4		P
Potassium	129000		109000		16		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	1020000		958000		6		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	49.2		42.9	J	13		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

OK-01-050125L

Lab Name: Chemtech Consulting Group

Contract: METE01

Lab Code: CHEM **Lb No.:** lb135689 **Lab Sample ID :** Q1933-01L **SDG No.:** Q1944

Matrix (soil/water): Solid **Level (low/med):** LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence		Q	M
		C		C				
Aluminum		4780		5080		6		P
Antimony		2.31	U	11.5	U			P
Arsenic		1.44		1.62	J	13		P
Barium		24.8		26.5		7		P
Beryllium		0.31		0.34	J	12		P
Cadmium		0.28	U	1.38	U			P
Calcium		2610		2860		10		P
Chromium		15.0		16.6		11		P
Cobalt		7.43		7.15		4		P
Copper		39.8		44.9		13		P
Iron		12000		13600		13		P
Lead		5.19		4.72		9		P
Magnesium		3090		3270		6		P
Manganese		159		173		9		P
Nickel		13.5		13.3		2		P
Potassium		1310		1380		5		P
Selenium		0.92	U	4.62	U			P
Silver		0.46	U	2.31	U			P
Sodium		113		103	J	9		P
Thallium		1.85	U	9.23	U			P
Vanadium		18.4		20.3		10		P
Zinc		19.8		21.6		9		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

GB1WL

Lab Name: Chemtech Consulting Group

Contract: METE01

Lab Code: CHEM

Lb No.: lb135662

Lab Sample ID : Q1945-01L

SDG No.: Q1944

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	4.53	4.40	3		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

SB2-4-5L

Lab Name: Chemtech Consulting Group

Contract: METE01

Lab Code: CHEM

Lb No.: lb135670

Lab Sample ID : Q1956-02L

SDG No.: Q1944

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
	C		C				
Mercury	0.0080	J	0.066	U	100.0		CV