



Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

WATER-TREATMENT-DISCHARGE

Lab Name: Chemtech Consulting Group

Contract: LIRO01

Lab Code: CHEM Lb No.: lb129987

Lab Sample ID : P1714-04L

SDG No.: P1747

Matrix (soil/water): Water

Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		C	Serial Dilution Result (S)		C	% Difference	Q	M
Aluminum		9940			9770		2		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		5880			5830		1		P
Chromium		80.1			78.0		3		P
Cobalt		15.0	U		75.0	U			P
Copper		9.17	J		50.0	U	100.0		P
Iron		144			110	J	23		P
Lead		6.00	U		30.0	U			P
Magnesium		1130			1080	J	4		P
Manganese		5.93	J		50.0	U	100.0		P
Nickel		30.0			28.2	J	6		P
Potassium		103000	OR		89000		14		P
Selenium		10.0	U		50.0	U			P
Silver		5.00	U		25.0	U			P
Sodium		830000	D		786000	D	5		P
Thallium		20.0	U		100	U			P
Vanadium		20.0	U		100	U			P
Zinc		74.8			67.9	J	9		P



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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-01L

Lab Name: Chemtech Consulting Group

Contract: LIRO01

Lab Code: CHEM **Lb No.:** lb129987

Lab Sample ID : P1747-03L **SDG No.:** P1747

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
Aluminum	201			195	J		3		P
Antimony	25.0	U		125	U				P
Arsenic	10.0	U		50.0	U				P
Barium	203			193	J		5		P
Beryllium	0.22	J		15.0	U		100.0		P
Cadmium	3.00	U		15.0	U				P
Calcium	91400			87800			4		P
Chromium	9.13			7.73	J		15		P
Cobalt	15.0	U		75.0	U				P
Copper	2.30	J		50.0	U		100.0		P
Iron	13500			12400			8		P
Lead	6.00	U		30.0	U				P
Magnesium	24400			23400			4		P
Manganese	730			709			3		P
Nickel	17.6	J		16.8	J		4		P
Potassium	6160			5440			12		P
Selenium	10.0	U		50.0	U				P
Silver	5.00	U		25.0	U				P
Sodium	56700			49800			12		P
Thallium	20.0	U		100	U				P
Vanadium	20.0	U		100	U				P
Zinc	25.7			27.1	J		5		P



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ICP SERIAL DILUTIONS

SAMPLE NO.

1346L

Lab Name: Chemtech Consulting Group Contract: LIRO01
Lab Code: CHEM Lb No.: lb129940 Lab Sample ID : P1772-08L SDG No.: P1747
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	0.32		1.00	U		100.0		CV



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ICP SERIAL DILUTIONS

SAMPLE NO.

PEZOMETER-206L

Lab Name: Chemtech Consulting Group Contract: LIRO01
Lab Code: CHEM Lb No.: lb129958 Lab Sample ID : P1788-02L SDG No.: P1747
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	2.20		2.21		0		CV