

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

OG-315-HR-502-COMP-29L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM **Lb No.:** lb133043 **Lab Sample ID :** P4443-01L **SDG No.:** P4460

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

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.14	0.11	27		CV

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ICP SERIAL DILUTIONS

SAMPLE NO.

WB-303-BOTL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb133086 Lab Sample ID : P4460-03L SDG No.: P4460

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		7450			8640		16		P
Antimony		3.03	U		15.2	U			P
Arsenic		1.46			6.06	U	100.0		P
Barium		26.9			31.7		18		P
Beryllium		0.68			0.88	J	29		P
Cadmium		2.27			1.63	J	28		P
Calcium		2810			3420		22		P
Chromium		14.6			17.8		22		P
Cobalt		10.5			10.7		2		P
Copper		16.5			21.6		31		P
Iron		18500			22200		20		P
Lead		9.67			10.5		9		P
Magnesium		4680			5490		17		P
Manganese		273			332		22		P
Nickel		19.8			20.7		4		P
Potassium		1320			1460		11		P
Selenium		1.21	U		6.06	U			P
Silver		0.61	U		3.03	U			P
Sodium		1020			1140		11		P
Thallium		2.42	U		12.1	U			P
Vanadium		18.2			21.7		19		P
Zinc		40.5			48.3		19		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

WB-303-SWL

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM Lb No.: lb133110 Lab Sample ID : P4460-06L SDG No.: P4460

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

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
		C		C			
Aluminum	426		301		29		P
Antimony	3.58	J	125	U	100.0		P
Arsenic	10.0	U	50.0	U			P
Barium	28.9	J	250	U	100.0		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	201000		237000		18		P
Chromium	2.34	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	10.0	U	50.0	U			P
Iron	574		557		3		P
Lead	6.00	U	30.0	U			P
Magnesium	704000		851000		21		P
Manganese	68.4		76.1		11		P
Nickel	1.58	J	100	U	100.0		P
Potassium	468000		313000		33		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	6160000	D	5680000	D	8		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	19.8	J	15.6	J	22		P

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ICP SERIAL DILUTIONS

SAMPLE NO.

34839-40L

Lab Name: Chemtech Consulting Group

Contract: PORT06

Lab Code: CHEM

Lb No.: lb133129

Lab Sample ID : P4546-03L

SDG No.: P4460

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	0.28	1.00 U	100.0		CV