

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q1956
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q1956 **SAS No.:** Q1956
Matrix: Water **Sample ID:** Q1930-01 **Client ID:** WATER-TREATMENT-DISCHARGEDUP
Percent Solids for Sample: NA **Duplicate ID** Q1930-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14300		14400		1		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	50.0	U	50.0	U			P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	8400		8490		1		P
Chromium	ug/L	20	156		159		2		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	17.4		17.4		0		P
Iron	ug/L	20	668		691		3		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	1150		1150		0		P
Manganese	ug/L	20	4.86	J	3.77	J	25		P
Nickel	ug/L	20	12.9	J	12.8	J	1		P
Potassium	ug/L	20	129000		134000		4		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	1020000		1050000		3		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	49.2		49.8		1		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q1956
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q1956 **SAS No.:** Q1956
Matrix: Water **Sample ID:** Q1930-01MS **Client ID:** WATER-TREATMENT-DISCHARGEMSD
Percent Solids for Sample: NA **Duplicate ID** Q1930-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14800		14000		6		P
Antimony	ug/L	20	440		427		3		P
Arsenic	ug/L	20	428		436		2		P
Barium	ug/L	20	92.9		95.7		3		P
Beryllium	ug/L	20	100		93.7		7		P
Cadmium	ug/L	20	107		108		1		P
Calcium	ug/L	20	8500		8260		3		P
Chromium	ug/L	20	345		341		1		P
Cobalt	ug/L	20	102		103		1		P
Copper	ug/L	20	151		152		1		P
Iron	ug/L	20	2190		2280		4		P
Lead	ug/L	20	492		495		1		P
Magnesium	ug/L	20	2000		1940		3		P
Manganese	ug/L	20	99.1		106		7		P
Nickel	ug/L	20	267		269		1		P
Potassium	ug/L	20	128000		128000		0		P
Selenium	ug/L	20	1120		1130		1		P
Silver	ug/L	20	42.1		38.4		9		P
Sodium	ug/L	20	961000		959000		0		P
Thallium	ug/L	20	907		922		2		P
Vanadium	ug/L	20	146		148		1		P
Zinc	ug/L	20	157		151		4		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1956</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1956</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1945-01</u>	Client ID:	<u>GB1WDUP</u>
Percent Solids for Sample:	NA	Duplicate ID	Q1945-01DUP	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.53		4.52		0		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q1956</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1956</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q1945-01MS</u>	Client ID:	<u>GB1WMSD</u>
Percent Solids for Sample:	<u>NA</u>	Duplicate ID	<u>Q1945-01MSD</u>	Percent Solids for Spike Sample:	<u>NA</u>

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	6.44		6.37		1		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q1956
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q1956 **SAS No.:** Q1956
Matrix: Solid **Sample ID:** Q1956-02 **Client ID:** SB2-4-5DUP
Percent Solids for Sample: 93.5 **Duplicate ID** Q1956-02DUP **Percent Solids for Spike Sample:** 93.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	834		908		8		P
Antimony	mg/Kg	20	2.46	U	2.41	U			P
Arsenic	mg/Kg	20	0.93	J	1.03		10		P
Barium	mg/Kg	20	1.99	J	2.11	J	6		P
Beryllium	mg/Kg	20	0.067	J	0.073	J	9		P
Cadmium	mg/Kg	20	0.30	U	0.29	U			P
Calcium	mg/Kg	20	363		366		1		P
Chromium	mg/Kg	20	2.65		2.60		2		P
Cobalt	mg/Kg	20	0.52	J	0.59	J	14		P
Copper	mg/Kg	20	1.60		1.84		14		P
Iron	mg/Kg	20	1720		1950		13		P
Lead	mg/Kg	20	1.49		1.75		16		P
Magnesium	mg/Kg	20	194		223		14		P
Manganese	mg/Kg	20	10.8		12.3		13		P
Mercury	mg/Kg	20	0.0080	J	0.0080	J	0		CV
Nickel	mg/Kg	20	1.34	J	1.47	J	9		P
Potassium	mg/Kg	20	116		169		37		P
Selenium	mg/Kg	20	0.99	U	0.96	U			P
Silver	mg/Kg	20	0.49	U	0.48	U			P
Sodium	mg/Kg	20	495		582		16		P
Thallium	mg/Kg	20	1.97	U	1.93	U			P
Vanadium	mg/Kg	20	2.21		2.56		15		P
Zinc	mg/Kg	20	3.27		4.43		30	*	P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: CDM Smith **Level:** LOW **SDG No.:** Q1956
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q1956 **SAS No.:** Q1956
Matrix: Solid **Sample ID:** Q1956-03 **Client ID:** SB2-4-5MSD
Percent Solids for Sample: 93.5 **Duplicate ID** Q1956-04 **Percent Solids for Spike Sample:** 93.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	1210		1070		12		P
Antimony	mg/Kg	20	24.8		22.9		8		P
Arsenic	mg/Kg	20	37.2		33.3		11		P
Barium	mg/Kg	20	10.9		10.0		8		P
Beryllium	mg/Kg	20	9.18		7.71		17		P
Cadmium	mg/Kg	20	9.19		8.20		11		P
Calcium	mg/Kg	20	414		410		1		P
Chromium	mg/Kg	20	21.7		19.5		11		P
Cobalt	mg/Kg	20	9.65		8.68		11		P
Copper	mg/Kg	20	15.3		13.7		11		P
Iron	mg/Kg	20	2010		1960		3		P
Lead	mg/Kg	20	47.0		42.3		11		P
Magnesium	mg/Kg	20	337		301		11		P
Manganese	mg/Kg	20	21.1		19.5		8		P
Mercury	mg/Kg	20	0.29		0.29		1		CV
Nickel	mg/Kg	20	24.4		22.0		10		P
Potassium	mg/Kg	20	699		531		27	*	P
Selenium	mg/Kg	20	87.2		78.3		11		P
Silver	mg/Kg	20	3.46		3.11		11		P
Sodium	mg/Kg	20	1100		566		64	*	P
Thallium	mg/Kg	20	94.3		87.9		7		P
Vanadium	mg/Kg	20	16.1		14.4		11		P
Zinc	mg/Kg	20	13.1		11.6		12		P