

Analytical Results

TASK NO: 191127019

Report To: Andrew Kabot

Company: City of Greeley - Bellvue WTP
4505 Filter Plant Rd.
Bellvue CO 80512

Bill To: Andrew Kabot

Company: City of Greeley - Bellvue WTP
4505 Filter Plant Rd.
Bellvue CO 80512

Task No.: 191127019

Client PO:

Client Project: Bellvue WTP

Date Received: 11/27/19

Date Reported: 1/6/20

Matrix: Sludge

Customer Sample ID Bellvue WTP Treatment Residuals

Sample Date/Time: 11/25/19 12:50 PM

Lab Number: 191127019-01

Test	Result	Method	PQL	Date Analyzed	Analyzed By
pH	7.09 units	SM 4500-H-B	0.01	11/27/19	MBN
Total Solids	56.899 %	SM 2540-G	0.001	12/2/19	MBN
<u>Dry Matter Basis</u>					
Arsenic Total	4.9 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Barium Total	22.5 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Cadmium Total	0.02 mg/kg	SW-846 6020	0.01	12/4/19	IPC
Chromium Total	3.4 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Lead Total	1.5 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Mercury Total	0.05 mg/kg	SW-846 7471	0.02	12/5/19	JTF
Selenium Total	1.2 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Silver Total	< 0.1 mg/kg	SW-846 6020	0.1	12/4/19	IPC

Abbreviations/ References:

PQL = Practical Quantification Limit

mg/L = Milligrams Per Liter or PPM

ug/L = Micrograms Per Liter or PPB

mpn/100 mls = Most Probable Number Index/ 100 mls

Date Analyzed = Date Test Completed



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4505 Filter Plant Rd.
Bellvue CO 80512

Task No.: 191127019

Client PO:

Client Project: Bellvue WTP

Date Received: 11/27/19

Date Reported: 1/6/20

Matrix: Sludge

Customer Sample ID Bellvue WTP Treatment Residuals Duplicate

Sample Date/Time: 11/25/19 12:50 PM

Lab Number: 191127019-03

Test	Result	Method	PQL	Date Analyzed	Analyzed By
pH	6.96 units	SM 4500-H-B	0.01	11/27/19	MBN
Total Solids	56.778 %	SM 2540-G	0.001	12/2/19	MBN
<u>Dry Matter Basis</u>					
Arsenic Total	5.9 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Barium Total	25.9 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Cadmium Total	0.03 mg/kg	SW-846 6020	0.01	12/4/19	IPC
Chromium Total	4.6 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Lead Total	2.3 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Mercury Total	0.04 mg/kg	SW-846 7471	0.02	12/5/19	JTF
Selenium Total	1.6 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Silver Total	< 0.1 mg/kg	SW-846 6020	0.1	12/4/19	IPC

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Bellvue CO 80512

Bill To: Andrew Kabot

Company: City of Greeley - Bellvue WTP
4505 Filter Plant Rd.
Bellvue CO 80512

Task No.: 191127019

Client PO:

Client Project: Bellvue WTP

Date Received: 11/27/19

Date Reported: 1/6/20

Matrix: Sludge

Customer Sample ID Bellvue WTP Filter Coal

Sample Date/Time: 11/25/19 12:55 PM

Lab Number: 191127019-05

Test	Result	Method	PQL	Date Analyzed	Analyzed By
pH	6.36 units	SM 4500-H-B	0.01	11/27/19	MBN
Total Solids	96.395 %	SM 2540-G	0.001	12/2/19	MBN
<u>Dry Matter Basis</u>					
Arsenic Total	0.7 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Barium Total	11.9 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Cadmium Total	0.01 mg/kg	SW-846 6020	0.01	12/4/19	IPC
Chromium Total	0.5 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Lead Total	2.2 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Mercury Total	< 0.02 mg/kg	SW-846 7471	0.02	12/5/19	JTF
Selenium Total	0.5 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Silver Total	0.1 mg/kg	SW-846 6020	0.1	12/4/19	IPC

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Bellvue CO 80512

Bill To: Andrew Kabot

Company: City of Greeley - Bellvue WTP
4505 Filter Plant Rd.
Bellvue CO 80512

Task No.: 191127019

Client PO:

Client Project: Bellvue WTP

Date Received: 11/27/19

Date Reported: 1/6/20

Matrix: Sludge

Customer Sample ID Bellvue WTP Filter Coal Duplicate

Sample Date/Time: 11/25/19 12:55 PM

Lab Number: 191127019-07

Test	Result	Method	PQL	Date Analyzed	Analyzed By
pH	6.03 units	SM 4500-H-B	0.01	11/27/19	MBN
Total Solids	96.420 %	SM 2540-G	0.001	12/2/19	MBN
<u>Dry Matter Basis</u>					
Arsenic Total	0.7 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Barium Total	11.2 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Cadmium Total	0.01 mg/kg	SW-846 6020	0.01	12/4/19	IPC
Chromium Total	0.5 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Lead Total	2.1 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Mercury Total	0.02 mg/kg	SW-846 7471	0.02	12/5/19	JTF
Selenium Total	0.6 mg/kg	SW-846 6020	0.1	12/4/19	IPC
Silver Total	< 0.1 mg/kg	SW-846 6020	0.1	12/4/19	IPC

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Report To Information		Bill To Information (If different from report to)		Project Name
Company Name: <u>CITY OF GREELEY</u>	Company Name: _____			_____
Contact Name: <u>ANOREW KASOT</u>	Contact Name: _____			_____
Address: <u>4505 FILTER PLANT ROAD</u>	Address: _____			Task Number (Lab Use Only) CAL Task No. 191127019
_____	_____			
City <u>BELLVUE</u> State <u>CO</u> Zip <u>80512</u>	City _____ State _____ Zip _____			JML
Phone: <u>970-482-2446</u> Fax: <u>970-482-8260</u>	Phone: _____ Fax: _____			
Email: _____	Email: _____			Disposal Date (Lab Use Only)
Sample Collector: <u>Tom Vos</u>	PO No.: _____			

10411 HEINZ WAY
HENDERSON CO. 80640

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