

Thursday, September 2, 2021

Luke Jankowski
Bay County Dept. of Water & Sewer
2701 North Euclid Rd.
Bay City, MI 48706

Workorder: 372221

Luke Jankowski,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.

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SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3722210001	2701 Euclid Ave, Tap	WSSN: 0465, Bay Co	D	09/01/2021 08:23	09/01/2021 11:53	Jankows

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received chilled with an average temperature of 15.2°C on September 1, 2021.

Analysis Results Narrative

3722210001 - 2701 Euclid Ave, Tap - Selenium, Total

The MS and/or MSD recovery for this analyte was above the upper control limit.

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ANALYTICAL RESULTS

Lab ID: 3722210001
 Sample ID: 2701 Euclid Ave, Tap
 Description: WSSN: 0465, Bay Co

Date Collected: 09/01/2021 08:23
 Date Received: 09/01/2021 11:53

Matrix: Drinking Water, Potable (D)
 Collector: Luke Jankowski

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Antimony, Total	<0.0010		mg/L	0.0010		1	0.0060		09/01/2021 15:15	RTS
Arsenic, Total	<0.0010		mg/L	0.0010		1	0.01		09/01/2021 15:15	RTS
Barium, Total	0.016		mg/L	0.0050		1	2		09/01/2021 15:15	RTS
Beryllium, Total	<0.00040		mg/L	0.00040		1	0.0040		09/01/2021 15:15	RTS
Cadmium, Total	<0.00020		mg/L	0.00020		1	0.0050		09/01/2021 15:15	RTS
Chromium, Total	0.0014		mg/L	0.0010		1	0.10		09/01/2021 15:15	RTS
Lead, Total	<0.0010		mg/L	0.0010		1	0.0150		09/01/2021 15:15	RTS
Nickel, Total	0.0020		mg/L	0.0010		1			09/01/2021 15:15	RTS
Selenium, Total	0.0012	*	mg/L	0.0010		1	0.05		09/01/2021 15:15	RTS
Thallium, Total	<0.00040		mg/L	0.00040		1	0.0020		09/01/2021 15:15	RTS
Metals by EPA 245.1										
Mercury, Total	<0.00020		mg/L	0.00020	0.00012	1	0.0020		09/02/2021 11:50	JPG

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