

Wednesday, June 9, 2021

Scott Roselle  
City of Novi, Water & Sewer Division  
26300 Lee BeGole Dr.  
Novi, MI 48375

Workorder: 369880  
Project Name: Nine Mile Dewatering

Scott Roselle,  
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

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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
3698800001	Basin B Discharge		W	06/08/2021 13:15	06/08/2021 13:54	Phillip Sa
3698800002	48320 Nine Mile		W	06/08/2021 13:30	06/08/2021 13:54	Phillip Sa
3698800003	48320 Nine Mile		W	06/08/2021 13:30	06/08/2021 13:54	Phillip Sa

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## WORKORDER SUMMARY

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### Accreditations

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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

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#### General Comments:

Samples were received ambient with an average temperature of 20.1°C on June 8, 2021.

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# ANALYTICAL RESULTS

Lab ID: 3698800001  
Sample ID: Basin B Discharge  
Description:

Date Collected: 06/08/2021 13:15  
Date Received: 06/08/2021 13:54

Matrix: Water (W)  
Collector: Phillip Salavatori

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Individual Parameters by SM 2130 B										
Turbidity	13		NTU	0.10		2			06/09/2021 13:40	MZT

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# ANALYTICAL RESULTS

Lab ID: 3698800002  
Sample ID: 48320 Nine Mile  
Description:

Date Collected: 06/08/2021 13:30  
Date Received: 06/08/2021 13:54

Matrix: Water (W)  
Collector: Phillip Salavatori

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Individual Parameters by SM 2130 B										
Turbidity	15		NTU	0.10		2			06/09/2021 13:40	MZT

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# ANALYTICAL RESULTS

Lab ID: 3698800003  
Sample ID: 48320 Nine Mile  
Description:

Date Collected: 06/08/2021 13:30  
Date Received: 06/08/2021 13:54

Matrix: Water (W)  
Collector: Phillip Salavatori

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
<b>Metals by EPA 200.8</b>										
Arsenic, Total	0.0033		mg/L	0.0010		1			06/09/2021 13:44	DTM
Barium, Total	0.17		mg/L	0.0050		1			06/09/2021 13:44	DTM
Cadmium, Total	<0.00020		mg/L	0.00020		1			06/09/2021 13:44	DTM
Chromium, Total	<0.0010		mg/L	0.0010		1			06/09/2021 13:44	DTM
Copper, Total	0.0023		mg/L	0.0010		1			06/09/2021 13:44	DTM
Iron, Total	6.9		mg/L	0.020		1			06/09/2021 13:44	DTM
Lead, Total	<0.0010		mg/L	0.0010		1			06/09/2021 13:44	DTM
Selenium, Total	0.0028		mg/L	0.0010		1			06/09/2021 13:44	DTM
Silver, Total	<0.00020		mg/L	0.00020		1			06/09/2021 13:44	DTM
Zinc, Total	<0.0040		mg/L	0.0040		1			06/09/2021 13:44	DTM
<b>Metals by EPA 245.1</b>										
Mercury, Total	<0.00020		mg/L	0.00020	0.00012	1			06/09/2021 11:53	JPG

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