



7940 Memorial Drive Plain City, Ohio 43064 (614) 873-4654

Date: November 23, 2020

Whitehouse, Village Of (606)

Attn: Steve Pilcher

Po Box 2476

Whitehouse, OH 43571

Project Manager: Jane McIntire

RE: Certificate of Analysis for Project - Public Drinking Water

The following report contains analytical results for samples submitted on the chain of custody dated November 10, 2020.

I have reviewed the validity of the analytical data generated. All data is reported in accordance to our laboratory QA/QC plan. Any exceptions are noted in the Case Narrative or with qualifiers in the report.

If you have any questions or need additional documentation, please contact your Project Manager.

Sincerely,

A handwritten signature in black ink that reads "Cheryl Rex". The signature is written in a cursive style and is positioned above a solid black horizontal line.

Cheryl Rex
MASI Laboratories
QA/QC Officer
cheryl@masilabs.com
(614) 873-4654



CERTIFICATE of ANALYSIS

*Microbiological/Inorganic Certification - 877
Organic Certification - 4100*

Whitehouse, Village Of
Steve Pilcher
Po Box 2476
Whitehouse, OH 43571

Client #: 606
PO Number:
Date Received: 11/10/20 13:15
Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: 4855849

Repeat Sample #:

Total Chlorine (mg/L):

Free Chlorine (mg/L):

Combined Chlorine (mg/L):

Sampler Name: Mike Hill
Sample Date/Time: 11/9/20 11:05
Sample Monitoring Point: EP001
Sample Type: SP
Sample Tap/Address: Sink, 6010 N. Texas St., Whitehouse, Oh 43571

Sample ID: 837083

Lab Sample # : 0K01025-01 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
Disinfection Byproducts (DBP)									
Monochloroacetic Acid	ND	ug/L		2.0	0.8	11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
Dichloroacetic Acid	3.1	ug/L		1.0	0.4	11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
Trichloroacetic Acid	ND	ug/L		1.0	0.3	11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
Dibromoacetic Acid	3.0	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
HAA 5 Total	6.1	ug/L		6.0		11/16/20 10:06	11/17/20 6:02	DTS	EPA Method 552.3
<hr/>									
<i>Surrogate: 2-Bromopropanoic Acid</i>			<i>89%</i>		<i>70-130</i>				
Chloroform	14.9	ug/L		0.5	0.02	11/12/20 18:13	11/12/20 18:13	DTS	EPA Method 524.2
Bromoform	2.1	ug/L		0.5	0.1	11/12/20 18:13	11/12/20 18:13	DTS	EPA Method 524.2
Bromodichloromethane	11.4	ug/L		0.5	0.04	11/12/20 18:13	11/12/20 18:13	DTS	EPA Method 524.2
Dibromochloromethane	7.7	ug/L		0.5	0.07	11/12/20 18:13	11/12/20 18:13	DTS	EPA Method 524.2
Total THM	36.1	ug/L		2.0		11/12/20 18:13	11/12/20 18:13	DTS	EPA Method 524.2
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>97%</i>		<i>70-130</i>				
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			<i>87%</i>		<i>70-130</i>				

*The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
No duplication of this report is allowed, except in its entirety.*



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Microbiological/Inorganic Certification - 877

Organic Certification - 4100

Whitehouse, Village Of
 Steve Pilcher
 Po Box 2476
 Whitehouse, OH 43571

Client #: 606
 PO Number:
 Date Received: 11/10/20 13:15
 Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: DS1

Repeat Sample #:

Total Chlorine (mg/L):

Free Chlorine (mg/L):

Combined Chlorine (mg/L):

Sampler Name: Mike Hill
 Sample Date/Time: 11/9/20 10:50
 Sample Monitoring Point: DS000
 Sample Type: SP
 Sample Tap/Address: Hose Bib, 6763 Gilead St, Whitehouse, Oh 43571

Sample ID: 837078

Lab Sample # : 0K01025-02 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
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Disinfection Byproducts (DBP)

Chloroform	3.8	ug/L		0.5	0.02	11/12/20 18:37	11/12/20 18:37	DTS	EPA Method 524.2
Bromoform	1.3	ug/L		0.5	0.1	11/12/20 18:37	11/12/20 18:37	DTS	EPA Method 524.2
Bromodichloromethane	3.6	ug/L		0.5	0.04	11/12/20 18:37	11/12/20 18:37	DTS	EPA Method 524.2
Dibromochloromethane	3.5	ug/L		0.5	0.07	11/12/20 18:37	11/12/20 18:37	DTS	EPA Method 524.2
Total THM	12.1	ug/L		2.0		11/12/20 18:37	11/12/20 18:37	DTS	EPA Method 524.2

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>99%</i>	<i>70-130</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>85%</i>	<i>70-130</i>



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Client #: 606
PO Number:
Date Received: 11/10/20 13:15
Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: DS1
Repeat Sample #:
Total Chlorine (mg/L):
Free Chlorine (mg/L):
Combined Chlorine (mg/L):

Sampler Name: Mike Hill
Sample Date/Time: 11/9/20 10:30
Sample Monitoring Point: DS201
Sample Type: RT
Sample Tap/Address: Hydrant, 7125 Berkey Southern Rd, Whitehouse, OH 43571

Sample ID: 837080

Lab Sample # : 0K01025-03 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
Disinfection Byproducts (DBP)									
Monochloroacetic Acid	ND	ug/L		2.0	0.8	11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
Dichloroacetic Acid	3.7	ug/L		1.0	0.4	11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
Trichloroacetic Acid	ND	ug/L		1.0	0.3	11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
Dibromoacetic Acid	3.0	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
HAA 5 Total	6.7	ug/L		6.0		11/16/20 10:06	11/17/20 6:33	DTS	EPA Method 552.3
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<i>Surrogate: 2-Bromopropanoic Acid</i>			<i>88%</i>		<i>70-130</i>				
Chloroform	21.5	ug/L		0.5	0.02	11/12/20 19:00	11/12/20 19:00	DTS	EPA Method 524.2
Bromoform	2.5	ug/L		0.5	0.1	11/12/20 19:00	11/12/20 19:00	DTS	EPA Method 524.2
Bromodichloromethane	13.6	ug/L		0.5	0.04	11/12/20 19:00	11/12/20 19:00	DTS	EPA Method 524.2
Dibromochloromethane	8.8	ug/L		0.5	0.07	11/12/20 19:00	11/12/20 19:00	DTS	EPA Method 524.2
Total THM	46.4	ug/L		2.0		11/12/20 19:00	11/12/20 19:00	DTS	EPA Method 524.2
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<i>Surrogate: 4-Bromofluorobenzene</i>			<i>98%</i>		<i>70-130</i>				
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			<i>86%</i>		<i>70-130</i>				

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Whitehouse, OH 43571

Client #: 606
PO Number:
Date Received: 11/10/20 13:15
Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: DS1
Repeat Sample #:
Total Chlorine (mg/L):
Free Chlorine (mg/L):
Combined Chlorine (mg/L):

Sampler Name: Mike Hill
Sample Date/Time: 11/9/20 10:10
Sample Monitoring Point: DS202
Sample Type: RT
Sample Tap/Address: Hydrant, 7344 Providence St, Whitehouse, OH 43571

Sample ID: 837079

Lab Sample # : 0K01025-04 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
Disinfection Byproducts (DBP)									
Monochloroacetic Acid	ND	ug/L		2.0	0.8	11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
Dichloroacetic Acid	4.9	ug/L		1.0	0.4	11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
Trichloroacetic Acid	1.0	ug/L		1.0	0.3	11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
Dibromoacetic Acid	2.6	ug/L		1.0	0.5	11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
HAA 5 Total	8.5	ug/L		6.0		11/16/20 10:06	11/17/20 7:04	DTS	EPA Method 552.3
<i>Surrogate: 2-Bromopropanoic Acid</i>			<i>92%</i>						
Chloroform	21.1	ug/L		0.5	0.02	11/12/20 19:23	11/12/20 19:23	DTS	EPA Method 524.2
Bromoform	2.0	ug/L		0.5	0.1	11/12/20 19:23	11/12/20 19:23	DTS	EPA Method 524.2
Bromodichloromethane	10.9	ug/L		0.5	0.04	11/12/20 19:23	11/12/20 19:23	DTS	EPA Method 524.2
Dibromochloromethane	6.7	ug/L		0.5	0.07	11/12/20 19:23	11/12/20 19:23	DTS	EPA Method 524.2
Total THM	40.7	ug/L		2.0		11/12/20 19:23	11/12/20 19:23	DTS	EPA Method 524.2
<i>Surrogate: 4-Bromofluorobenzene</i>			<i>100%</i>						
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>			<i>85%</i>						



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Client #: 606
 PO Number:
 Date Received: 11/10/20 13:15
 Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: DS1

Repeat Sample #:

Total Chlorine (mg/L):

Free Chlorine (mg/L):

Combined Chlorine (mg/L):

Sampler Name: Mike Hill
 Sample Date/Time: 11/9/20 11:20
 Sample Monitoring Point: DS000
 Sample Type: SP
 Sample Tap/Address: Hose Bib, 8770 Dutch Rd, Whitehouse, Oh 43571

Sample ID: 837081

Lab Sample # : 0K01025-05 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
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Disinfection Byproducts (DBP)

Chloroform	13.5	ug/L		0.5	0.02	11/12/20 19:47	11/12/20 19:47	DTS	EPA Method 524.2
Bromoform	2.1	ug/L		0.5	0.1	11/12/20 19:47	11/12/20 19:47	DTS	EPA Method 524.2
Bromodichloromethane	10.9	ug/L		0.5	0.04	11/12/20 19:47	11/12/20 19:47	DTS	EPA Method 524.2
Dibromochloromethane	7.3	ug/L		0.5	0.07	11/12/20 19:47	11/12/20 19:47	DTS	EPA Method 524.2
Total THM	33.8	ug/L		2.0		11/12/20 19:47	11/12/20 19:47	DTS	EPA Method 524.2

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>96%</i>	<i>70-130</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>84%</i>	<i>70-130</i>



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 Steve Pilcher
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 Whitehouse, OH 43571

Client #: 606
 PO Number:
 Date Received: 11/10/20 13:15
 Ohio EPA Analyzed Date: 11/23/20 13:15

Project Manager: Jane McIntire

PWSID: OH4801612 Facility ID: DS1

Repeat Sample #:

Total Chlorine (mg/L):

Free Chlorine (mg/L):

Combined Chlorine (mg/L):

Sampler Name: Mike Hill
 Sample Date/Time: 11/9/20 11:55
 Sample Monitoring Point: DS000
 Sample Type: SP
 Sample Tap/Address: Hydrant, 6317 Finzel Rd, Whitehouse, Oh 43571

Sample ID: 837082

Lab Sample # : 0K01025-06 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
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Disinfection Byproducts (DBP)

Chloroform	9.7	ug/L		0.5	0.02	11/12/20 20:13	11/12/20 20:13	DTS	EPA Method 524.2
Bromoform	1.7	ug/L		0.5	0.1	11/12/20 20:13	11/12/20 20:13	DTS	EPA Method 524.2
Bromodichloromethane	8.0	ug/L		0.5	0.04	11/12/20 20:13	11/12/20 20:13	DTS	EPA Method 524.2
Dibromochloromethane	5.8	ug/L		0.5	0.07	11/12/20 20:13	11/12/20 20:13	DTS	EPA Method 524.2
Total THM	25.1	ug/L		2.0		11/12/20 20:13	11/12/20 20:13	DTS	EPA Method 524.2

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>94%</i>	<i>70-130</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>84%</i>	<i>70-130</i>



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Steve Pilcher
Po Box 2476
Whitehouse, OH 43571

Client #: 606
PO Number:
Date Received: 11/10/20 13:15
Ohio EPA Analyzed Date: 11/23/20 13:15

Notes and Definitions

Item	Definition
ND	Analyte NOT DETECTED at or above the reporting limit.
mg/kg Dry	Sample results reported on a dry weight basis.
ug/L	ppb/Part per Billion.
mg/L	ppm/Part per Million.
!	Analyte is at or above the Maximum Contaminate Level.

Notes:

1. Calculated analytes are based on raw data and may not reflect the rounding of the individual compounds.
2. Samples are analyzed using the information received on the request sheet and may not be analyzed when the parameters fall outside required guidelines.

