



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

Date: February 25, 2025

Whitehouse, Village Of (606)
Attn: Steve Pilcher
Po Box 2476
Whitehouse, OH 43571

RE: Certificate of Analysis for Project - Public Drinking Water

The following report contains analytical results for samples submitted on the chain of custody dated February 11, 2025.

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 our Office.

Sincerely,

A handwritten signature in black ink that reads "Cheryl Rex". The signature is written in a cursive, flowing style. Below the signature is 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: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 14:52
Sample Monitoring Point: DS202
Sample Type: RT
Sample Tap/Address: Hydrant 426 8911 Dutch Rd., Whitehouse, Oh. 43571

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

Sample ID: 322568

Lab Sample # : 5B01217-01 (Potable)

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

Monochloroacetic Acid	ND	ug/L		2.0	0.8	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
Dichloroacetic Acid	4.0	ug/L		1.0	0.4	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
Trichloroacetic Acid	1.4	ug/L		1.0	0.3	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
Dibromoacetic Acid	1.6	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
HAA 5 Total	6.9	ug/L		6.0	2.4	02/19/25 07:26	02/19/25 18:45	JRK	EPA Method 552.3
Surrogate: 2-Bromopropanoic Acid			95%			70-130			EPA Method 552.3
Chloroform	13.8	ug/L		0.5	0.07	02/13/25 18:16	02/13/25 18:16	DTS	EPA Method 524.2
Bromoform	0.6	ug/L		0.5	0.1	02/13/25 18:16	02/13/25 18:16	DTS	EPA Method 524.2
Bromodichloromethane	10.3	ug/L		0.5	0.05	02/13/25 18:16	02/13/25 18:16	DTS	EPA Method 524.2
Dibromochloromethane	5.5	ug/L		0.5	0.08	02/13/25 18:16	02/13/25 18:16	DTS	EPA Method 524.2
Total THM	30.3	ug/L		2.0	0.2	02/13/25 18:16	02/13/25 18:16	DTS	EPA Method 524.2
Surrogate: 4-Bromofluorobenzene			101%			70-130			EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4			98%			70-130			EPA Method 524.2

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.



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: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 15:05
Sample Monitoring Point: DS000
Sample Type: SP
Sample Tap/Address: Hose Bib 8770 Dutch Rd., Whitehouse, Oh. 43571

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

Sample ID: 322569

Lab Sample # : 5B01217-02 (Potable)

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

Chloroform	14.2	ug/L		0.5	0.07	02/13/25 18:40	02/13/25 18:40	DTS	EPA Method 524.2
Bromoform	0.7	ug/L		0.5	0.1	02/13/25 18:40	02/13/25 18:40	DTS	EPA Method 524.2
Bromodichloromethane	10.5	ug/L		0.5	0.05	02/13/25 18:40	02/13/25 18:40	DTS	EPA Method 524.2
Dibromochloromethane	5.6	ug/L		0.5	0.08	02/13/25 18:40	02/13/25 18:40	DTS	EPA Method 524.2
Total THM	31.0	ug/L		2.0	0.2	02/13/25 18:40	02/13/25 18:40	DTS	EPA Method 524.2

Surrogate: 4-Bromofluorobenzene	102%	70-130	EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4	100%	70-130	EPA Method 524.2



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: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 13:15
Sample Monitoring Point: DS201
Sample Type: RT
Sample Tap/Address: Hydrant 7125 Berkey Southern Rd., Whitehouse, Oh. 43571

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

Sample ID: 322573

Lab Sample # : 5B01217-03 (Potable)

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

Monochloroacetic Acid	ND	ug/L		2.0	0.8	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
Dichloroacetic Acid	4.7	ug/L		1.0	0.4	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
Trichloroacetic Acid	1.5	ug/L		1.0	0.3	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
Dibromoacetic Acid	1.8	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
HAA 5 Total	8.0	ug/L		6.0	2.4	02/19/25 07:26	02/19/25 19:09	JRK	EPA Method 552.3
Surrogate: 2-Bromopropanoic Acid			95%			70-130			EPA Method 552.3
Chloroform	21.7	ug/L		0.5	0.07	02/13/25 19:03	02/13/25 19:03	DTS	EPA Method 524.2
Bromoform	1.0	ug/L		0.5	0.1	02/13/25 19:03	02/13/25 19:03	DTS	EPA Method 524.2
Bromodichloromethane	12.5	ug/L		0.5	0.05	02/13/25 19:03	02/13/25 19:03	DTS	EPA Method 524.2
Dibromochloromethane	6.9	ug/L		0.5	0.08	02/13/25 19:03	02/13/25 19:03	DTS	EPA Method 524.2
Total THM	42.1	ug/L		2.0	0.2	02/13/25 19:03	02/13/25 19:03	DTS	EPA Method 524.2
Surrogate: 4-Bromofluorobenzene			105%			70-130			EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4			100%			70-130			EPA Method 524.2

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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: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 13:40
Sample Monitoring Point: DS000
Sample Type: SP
Sample Tap/Address: Hose Bib 6763 Gilead St., Whitehouse, Oh. 43571

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

Sample ID: 322572

Lab Sample # : 5B01217-04 (Potable)

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

Chloroform	15.4	ug/L		0.5	0.07	02/13/25 19:27	02/13/25 19:27	DTS	EPA Method 524.2
Bromoform	0.9	ug/L		0.5	0.1	02/13/25 19:27	02/13/25 19:27	DTS	EPA Method 524.2
Bromodichloromethane	10.3	ug/L		0.5	0.05	02/13/25 19:27	02/13/25 19:27	DTS	EPA Method 524.2
Dibromochloromethane	6.0	ug/L		0.5	0.08	02/13/25 19:27	02/13/25 19:27	DTS	EPA Method 524.2
Total THM	32.6	ug/L		2.0	0.2	02/13/25 19:27	02/13/25 19:27	DTS	EPA Method 524.2

Surrogate: 4-Bromofluorobenzene	103%	70-130	EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4	99%	70-130	EPA Method 524.2



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Organic Certification - 4100

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

Client #: 606
PO Number:
Date Received: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 13:56
Sample Monitoring Point: EP001
Sample Type: SP
Sample Tap/Address: Hose Bib 6010 N. Texas St., Whitehouse, Oh. 43571

PWSID: OH4801612 Facility ID: 4855849
Repeat Sample #:
Total Chlorine (mg/L):
Free Chlorine (mg/L):
Combined Chlorine (mg/L):

Sample ID: 322571

Lab Sample # : 5B01217-05 (Potable)

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

Monochloroacetic Acid	ND	ug/L		2.0	0.8	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
Dichloroacetic Acid	3.9	ug/L		1.0	0.4	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
Trichloroacetic Acid	1.3	ug/L		1.0	0.3	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
Monobromoacetic Acid	ND	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
Dibromoacetic Acid	1.6	ug/L		1.0	0.5	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
HAA 5 Total	6.8	ug/L		6.0	2.4	02/19/25 07:26	02/19/25 19:56	JRK	EPA Method 552.3
Surrogate: 2-Bromopropanoic Acid				93%		70-130			EPA Method 552.3
Chloroform	15.2	ug/L		0.5	0.07	02/13/25 19:51	02/13/25 19:51	DTS	EPA Method 524.2
Bromoform	0.7	ug/L		0.5	0.1	02/13/25 19:51	02/13/25 19:51	DTS	EPA Method 524.2
Bromodichloromethane	11.0	ug/L		0.5	0.05	02/13/25 19:51	02/13/25 19:51	DTS	EPA Method 524.2
Dibromochloromethane	6.0	ug/L		0.5	0.08	02/13/25 19:51	02/13/25 19:51	DTS	EPA Method 524.2
Total THM	32.9	ug/L		2.0	0.2	02/13/25 19:51	02/13/25 19:51	DTS	EPA Method 524.2
Surrogate: 4-Bromofluorobenzene				103%		70-130			EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4				96%		70-130			EPA Method 524.2

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Organic Certification - 4100

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

Client #: 606
PO Number:
Date Received: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Sampler Name: Matt Braun
Sample Date/Time: 2/10/25 14:18
Sample Monitoring Point: DS000
Sample Type: SP
Sample Tap/Address: Hydrant 6317 Finzel Rd., Whitehouse, Oh. 43571

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

Sample ID: 322570

Lab Sample # : 5B01217-06 (Potable)

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

Chloroform	14.8	ug/L		0.5	0.07	02/13/25 20:16	02/13/25 20:16	DTS	EPA Method 524.2
Bromoform	0.8	ug/L		0.5	0.1	02/13/25 20:16	02/13/25 20:16	DTS	EPA Method 524.2
Bromodichloromethane	10.5	ug/L		0.5	0.05	02/13/25 20:16	02/13/25 20:16	DTS	EPA Method 524.2
Dibromochloromethane	5.9	ug/L		0.5	0.08	02/13/25 20:16	02/13/25 20:16	DTS	EPA Method 524.2
Total THM	32.0	ug/L		2.0	0.2	02/13/25 20:16	02/13/25 20:16	DTS	EPA Method 524.2

Surrogate: 4-Bromofluorobenzene	102%	70-130	EPA Method 524.2
Surrogate: 1,2-Dichlorobenzene-d4	96%	70-130	EPA Method 524.2



CERTIFICATE of ANALYSIS

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Organic Certification - 4100

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

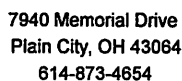
Client #: 606
PO Number:
Date Received: 2/11/25 12:11
Ohio EPA Analyzed Date: 2/25/25 11:10

Notes and Definitions

Item	Definition
J	Analyte was positively identified, the associated numerical value is estimated.
mg/kg Dry	Sample results reported on a dry weight basis
ug/L	ppb/Part per Billion
mg/L	ppm/Part per Million
ng/L	ppt/Part per Trillion
ND	Analyte NOT DETECTED at or above the method detection limit (MDL)
!	Analyte is at or above the Maximum Contaminate Level
MDL	Method Detection Limit
CFU	Colony Forming Units
MPN	Most Probable Number
NTU	Nephelometric Turbidity Unit
pCi/L	Picocuries per liter
SVI	Sludge Volume Index
%	Percent
GPD	Gallons per Day
su	Standard Units
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

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.



**** See r**

Matrix: Potable

rmation *:

322568

() Public Sample (X) PWS ID #: 4801612 (X) Facility ID #: D51 () Private Sample

N: _____

S: _____

U: _____

Total Containers: 1

COOLER / TEMP

Revised 9-18-23 DN



Analy
**** S**

AR # 322569
Received: 2/11/2025
Matrix: Potable

Appear on Bottle: 322569
Information *:

() Public Sample (X) PWS ID #: 4801612 (X) Facility ID #: DS1 () Private Sample

N: _____

S: _____

U: _____

Total Containers: 1

COOLER / TEMP

9

Revised 9-18-23 DN

**ENVIRONMENTAL
LABORATORIES**

**7940 Memorial Drive
Plain City, OH 43064
614-873-4654**

Che

Analysis

**** See r**

5B01217-03

AR # 322573

Received: 2/11/2025

Matrix: Potable

Test Sheet

on Bottle: 322573

rmation *:

Project Name: _____

Client #: 606 Client Name: Village of Whitehouse County: Lucas P.O.# _____

Sampler Name: Matt Braun SMP ID: D5201 Sample Type: ☒ Compliance (C)
☐ New Well (N)
☐ Special/Other (O)

Sample Tap: Hydrant Date Collected: 02/10/25 Time Collected: 01:15 pm
(MM/DD/YY) (hh:mm am/pm)

Tap Address: 7125 Berkey Southern Rd., Whitehouse, Oh. 43571

() Public Sample ☒ PWS ID #: 4801612 ☒ Facility ID #: DS1 () Private Sample

Non-Preserved Parameters	Misc. Parameters & Preservatives	SOC Parameter Groups
() 183 Asbestos	() 154 VOC (Ascorbic Acid/HCL) 524.2	() 900 GROUP 1 Method 525.2
() 158 Total (Gross) Alpha	() 213 TTHM (Ascorbic Acid/HCL) 524.2	() 899 GROUP 2 Method 515.3
() 159 Total (Gross) Beta	() 375 HAA5 (NH4CL) 552.3	() 903 GROUP 2 Method 531.1
() 254 Radium 228	() 171 Toluene 524.2 or 8260	() 898 GROUP 3 Method 508
	() 174 BTEX (Ascorbic Acid/HCL)	() 904 GROUP 3 Method 547
	() 317 Lithium	() 905 GROUP 3 Method 549.2
() 371 UV254	() 134 Titanium	() 900 GROUP 4 Method 525.2
() 354 DOC	() 157 Total Organic Halogens	() 901 GROUP 4 Method 548.1
() 1080 SUVA	() 366 Hydrogen Sulfide	() 701 Alachlor 525.2
	() 123 Sulfide	() 702 Atrazine 525.2
() 166 Bromide		() 707 Simazine 525.2
() 34 Chloride	() 1243 HAB Total Microcystins	() SOC
() 1195 Bromide Chloride Ratio		() SOC
() 746 2,3,7,8-TCDD (Dioxin)	() 1258 HAB Cyanobacteria Screening	() SOC
() 271 PAH 525.2 or 8270	Office Use Only: _____ _____ _____ _____ _____ _____ _____	() SOC
() 124 Sulfite		() SOC
() Other		
() Other		
() Other		
() Other		
() Other		
		() 9050 MASI Use Only

N: _____

S: _____

U: _____

Total Containers: 1

Route

Office/Lab

COOLER / TEMP:

Revised 9-18-23 DN

MASI ®ENVIRONMENTAL
LABORATORIES7940 Memorial Drive
Plain City, OH 43064
614-873-4654**5B01217-04**

Cher

AR # 322572

Received: 2/11/2025

Matrix: Potable

Analysis R

** See re

Sheet

Bottle: 322572

Information **

Project Name: _____

Client #: 606 Client Name: Village of Whitehouse County: Lucas P.O.# _____Sampler Name: Matt Braun SMP ID: D5000 Sample Type: ☐ Compliance (C)
☐ New Well (N)
☒ Special/Other (O)Sample Tap: Hose bib Date Collected: 02/10/25 Time Collected: 01:40 pm
(MM/DD/YY) (hh:mm am/pm)Tap Address: 6763 Gilead St., Whitehouse, Oh. 43571☐ Public Sample ☒ PWS ID #: 4801612 ☒ Facility ID #: DS1 ☐ Private Sample

	Non-Preserved Parameters	Misc. Parameters & Preservatives	SOC Parameter Groups																				
	() 183 Asbestos	() 154 VOC (Ascorbic Acid/HCL) 524.2	() 900 GROUP 1 Method 525.2																				
	() 158 Total (Gross) Alpha	✕ 213 TTHM (Ascorbic Acid/HCL) 524.2	() 899 GROUP 2 Method 515.3																				
	() 159 Total (Gross) Beta	() 375 HAA5 (NH4CL) 552.3	() 903 GROUP 2 Method 531.1																				
	() 254 Radium 228	() 171 Toluene 524.2 or 8260	() 898 GROUP 3 Method 508																				
		() 174 BTEX (Ascorbic Acid/HCL)	() 904 GROUP 3 Method 547																				
		() 317 Lithium	() 905 GROUP 3 Method 549.2																				
	() 371 UV254	() 134 Titanium	() 900 GROUP 4 Method 525.2																				
	() 354 DOC	() 157 Total Organic Halogens	() 901 GROUP 4 Method 548.1																				
	() 1080 SUVA	() 366 Hydrogen Sulfide	() 701 Alachlor 525.2																				
		() 123 Sulfide	() 702 Atrazine 525.2																				
	() 166 Bromide		() 707 Simazine 525.2																				
	() 34 Chloride	() 1243 HAB Total Microcystins	() SOC																				
	() 1195 Bromide Chloride Ratio		() SOC																				
	() 746 2,3,7,8-TCDD (Dioxin)	() 1258 HAB Cyanobacteria Screening	() SOC																				
	() 271 PAH 525.2 or 8270	Office Use Only: <table><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>																					() SOC
	() 124 Sulfite		() SOC																				
	() Other																						
	() Other																						
	() Other																						
	() Other																						
	() Other																						
			() 9050 MASI Use Only																				

N: _____

Total

Containers: 1

S: _____

U: _____

Route

Office/Lab

COOLER / TEMP:

Revised 9-18-23 DN



**** See**

ormation *:

Revised 9-18-23 DN



Anal

** S

AR # 322570
Received: 2/11/2025
Matrix: Potable

Appear on Bottle: **322570**
 information *:

Revised 9-18-23 DN