

<b>CLIENT:</b>	GLASWA	<b>Collection Date</b>	9/2/2025 9:10:00 AM
<b>Project:</b>	Yankee Springs Twp (WSSN 7231)	<b>Received Date:</b>	9/3/2025 10:55:00 AM
<b>Lab ID:</b>	2509204-01	<b>Matrix:</b>	DRINKING WATER
<b>Client Sample ID:</b>	DBP2- Hydrant Boardwalk	<b>Sampled By:</b>	Client
<b>Location:</b>			

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
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**HALOACETIC ACIDS**

**EPA 552.3**

Analyst: **DV**

Bromoacetic acid	< 0.00100	0.00100		mg/L		9/5/2025 1:00:00 PM
Chloroacetic acid	< 0.00100	0.00100		mg/L		9/5/2025 1:00:00 PM
Dibromoacetic acid	0.00103	0.00100		mg/L		9/5/2025 1:00:00 PM
Dichloroacetic acid	< 0.00100	0.00100		mg/L		9/5/2025 1:00:00 PM
Trichloroacetic acid	0.00104	0.00100		mg/L		9/5/2025 1:00:00 PM
HAA5	0.00284	0.00100		mg/L	0.0600	9/5/2025 1:00:00 PM

**TRIHALOMETHANES**

**EPA 524.2**

Analyst: **JS**

Chloroform	0.00464	0.000500		mg/L	0.0800	9/5/2025 9:30:00 PM
Bromodichloromethane	0.00619	0.000500		mg/L	0.0800	9/5/2025 9:30:00 PM
Dibromochloromethane	0.00692	0.000500		mg/L	0.0800	9/5/2025 9:30:00 PM
Bromoform	0.00250	0.000500		mg/L	0.0800	9/5/2025 9:30:00 PM
Trihalomethanes, Total	0.0202	0.000500		mg/L	0.0800	9/5/2025 9:30:00 PM

**Qualifiers:**

<	Not Detected at the Reporting Limit
MCL	Maximum Contaminant Level
RL	Reporting Limit

H	Holding times for preparation or analysis exceeded
PL	Permit Limit
S	Spike Recovery outside accepted recovery limits

Original  
Page 2 of 4

<b>CLIENT:</b>	GLASWA	<b>Collection Date</b>	9/2/2025 8:50:00 AM
<b>Project:</b>	Yankee Springs Twp (WSSN 7231)	<b>Received Date:</b>	9/3/2025 10:55:00 AM
<b>Lab ID:</b>	2509204-02	<b>Matrix:</b>	DRINKING WATER
<b>Client Sample ID:</b>	TP100- Wellhouse Plant Tap	<b>Sampled By:</b>	Client
<b>Location:</b>			

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
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**URANIUM, DRINKING WATER**

**EPA 200.8**

Analyst: **SB**

Uranium, Total	< 0.00100	0.00100		mg/L		9/4/2025 1:03:58 PM
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**Qualifiers:**

<	Not Detected at the Reporting Limit
MCL	Maximum Contaminant Level
RL	Reporting Limit

H	Holding times for preparation or analysis exceeded
PL	Permit Limit
S	Spike Recovery outside accepted recovery limits



**Gun Lake Area  
Water Laboratory**

12588 Marsh Road  
Shelbyville, MI 49344  
**Phone:** (269) 672-5588  
**Email:** glasa@gunlakesewer.org

OFFICIAL WATER ANALYSIS REPORT

Laboratory Number: 9055

SAMPLE ID#:

10088

Client:	Yankee Springs Township	Collection Date:	10/8/2025
Collection Address:	1490 Payne Lake Rd	Collection Time:	11:15 AM
Sample Purpose:	Routine Monitoring	Received Date:	10/8/2025
Collected By:	Rob Knowles	Received Time:	12:10 PM
Sample Point:	Sample Tap	WSSN:	7231 TP100
		Well No:	1

**RESULTS**

Test	Method	Date / Time	Results	Analyst		
Total Coliform	IDEXX Colisure	10-9-25/12:48	Not Detected	DU		
Test	Method	Date / Time	Results	Analyst		
E-Coli	IDEXX Colisure	10-9-25/12:48	Not Detected	DU		
Analytic Name	Method	Date / Time	Results	MDL	MCL	Analyst
Nitrate	NM10206	10-9-25/12:48	< 0.23 mg/l	0.23 mg/l	10	DU
Analytic Name	Method	Date / Time	Results	Analyst		
Hardness	10293	N/A	N/A			
Analytic Name	Method	Date / Time	Results	Analyst		
Iron	10229	N/A	N/A			

Satisfactory water quality for a potable water well is Coliform Not Detected, and E-Coli Not Detected

MDL: Method Detection Limit

MCL: Maximum Contaminant Level as designated by EPA and adopted by the Michigan Clean Water Act.

mg/l: milligrams per liter = parts per million (ppm)

**HOURS - PICKUP SAMPLE BOTTLES AND CHAIN OF CUSTODY:**

GLASA Office:

Monday - Friday

10:00am - 2:00pm

**HOURS - DROP OFF SAMPLE BOTTLES AND CHAIN OF CUSTODY:**

GLASA Office:

Monday - **Thursday**

10:00am - **2:00pm**

**Please Note:** The laboratory observed holidays are:

New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day,  
Day After Thanksgiving, Christmas Eve, Christmas Day and New Year's Eve.

Please refer to the following websites with questions you may have regarding your results

Total Coliform Information:	<a href="https://www.michigan.gov/documents/deq/deq-wd-gws-wcu-coliformbactiwellwatersampling_270604_7.pdf">https://www.michigan.gov/documents/deq/deq-wd-gws-wcu-coliformbactiwellwatersampling_270604_7.pdf</a>
E-Coli Information:	<a href="https://www.michigan.gov/egle/0,9429,7-135-3313_3681_3686_3728-383659--,00.html#E.coli%20definition">https://www.michigan.gov/egle/0,9429,7-135-3313_3681_3686_3728-383659--,00.html#E.coli%20definition</a>
Nitrate Information:	<a href="https://www.michigan.gov/documents/deq/deq-wd-gws-ciu-nitratebrochure_270430_7.pdf">https://www.michigan.gov/documents/deq/deq-wd-gws-ciu-nitratebrochure_270430_7.pdf</a>
Hardness & Iron:	<a href="https://www.michigan.gov/egle/about/organization/drinking-water-and-environmental-health/contamination-investigation/interpretation-of-common-tests">https://www.michigan.gov/egle/about/organization/drinking-water-and-environmental-health/contamination-investigation/interpretation-of-common-tests</a>



## ANALYTICAL RESULTS

Project: Yankee Springs WSSN 7231

Pace Project No.: 50392124

<b>Sample:</b> TP100 Well House Treated Tap		<b>Lab ID:</b> 50392124001		Collected: 01/22/25 08:00		Received: 01/22/25 16:05		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8 Pace Analytical Services - Indianapolis							
Arsenic	3.4	ug/L	1.0	1		01/26/25 00:45	7440-38-2		

## REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Yankee Springs WSSN 7231  
Pace Project No.: 50392124

Sample: WL001 Well House-Well #1		Lab ID: 50392124002		Collected: 01/22/25 08:00		Received: 01/22/25 16:05		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Indianapolis							
Arsenic	10.5	ug/L	1.0	1		01/26/25 00:48	7440-38-2		

REPORT OF LABORATORY ANALYSIS



ANALYTICAL RESULTS

Project: Yankee Springs WSSN 7231  
Pace Project No.: 50392124

Sample: WL002 Well House-Well #2		Lab ID: 50392124003		Collected: 01/22/25 08:00		Received: 01/22/25 16:05		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.8 MET ICPMS Drinking Water		Analytical Method: EPA 200.8 Pace Analytical Services - Indianapolis							
Arsenic	6.6	ug/L	1.0	1		01/26/25 00:59	7440-38-2		

REPORT OF LABORATORY ANALYSIS

# Analytical Report

(DW)

WO#: 2504162

Date Reported: 4/8/2025

**CLIENT:** GLASWA  
**Project:** WSSN 7231 - Yankee Springs Twp

**Lab Order:** 2504162

**Lab ID:** 2504162-01      **Matrix:** DRINKING WATER      **Collection Date:** 4/1/2025 8:55:00 AM  
**Client ID:** TP100 Well House      **Sampler:** Rob Knowles      **Received Date:** 4/2/2025 11:10:00 AM  
**Location:** Treated Plant Tap

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
<b>METALS, DRINKING WATER</b>				<b>EPA 200.8</b>		Analyst: <b>SB</b>
Arsenic	0.00358	0.00100		mg/L	0.0100	4/7/2025 1:25:14 PM

**Lab ID:** 2504162-02      **Matrix:** DRINKING WATER      **Collection Date:** 4/1/2025 8:55:00 AM  
**Client ID:** WL001 Well House      **Sampler:** Rob Knowles      **Received Date:** 4/2/2025 11:10:00 AM  
**Location:** Well #1

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
<b>METALS, DRINKING WATER</b>				<b>EPA 200.8</b>		Analyst: <b>SB</b>
Arsenic	0.00999	0.00100		mg/L	0.0100	4/7/2025 1:30:50 PM

**Lab ID:** 2504162-03      **Matrix:** DRINKING WATER      **Collection Date:** 4/1/2025 8:55:00 AM  
**Client ID:** WL002 Well House      **Sampler:** Rob Knowles      **Received Date:** 4/2/2025 11:10:00 AM  
**Location:** Well #2

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
<b>METALS, DRINKING WATER</b>				<b>EPA 200.8</b>		Analyst: <b>SB</b>
Arsenic	0.0109	0.00100	*	mg/L	0.0100	4/7/2025 1:36:25 PM

**Qualifiers:** \* Value exceeds Maximum Contaminant Level.  
H Holding times for preparation or analysis exceeded  
PL Permit Limit  
S Spike Recovery outside accepted recovery limits

< Not Detected at the Reporting Limit  
MCL Maximum Contaminant Level  
RL Reporting Limit

Original  
Page 2 of 3

# Analytical Report

(DW)

WO#: 2507142

Date Reported: 7/25/2025

**CLIENT:** GLASWA  
**Project:** WSSN 7231 - Yankee Springs Twp

**Lab Order:** 2507142

**Lab ID:** 2507142-01 **Matrix:** DRINKING WATER **Collection Date:** 7/22/2025 8:30:00 AM  
**Client ID:** TP100 Well House Treat **Sampler:** Client **Received Date:** 7/23/2025 11:00:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00328	0.00100		mg/L	0.0100	7/24/2025 3:21:07 PM

**Lab ID:** 2507142-02 **Matrix:** DRINKING WATER **Collection Date:** 7/22/2025 8:30:00 AM  
**Client ID:** WL001 Well House Well **Sampler:** Client **Received Date:** 7/23/2025 11:00:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00948	0.00100		mg/L	0.0100	7/24/2025 3:26:41 PM

**Lab ID:** 2507142-03 **Matrix:** DRINKING WATER **Collection Date:** 7/22/2025 8:30:00 AM  
**Client ID:** WL002 Well House Well **Sampler:** Client **Received Date:** 7/23/2025 11:00:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00967	0.00100		mg/L	0.0100	7/24/2025 3:32:15 PM

**Qualifiers:** < Not Detected at the Reporting Limit  
MCL Maximum Contaminant Level  
RL Reporting Limit

H Holding times for preparation or analysis exceeded  
PL Permit Limit

Original  
Page 2 of 3



# Analytical Report

(DW)

WO#: 2510B67

Date Reported: 10/20/2025

**CLIENT:** GLASWA  
**Project:** Yankee Springs Twp (WSSN 7231)

**Lab Order:** 2510B67

**Lab ID:** 2510B67-01 **Matrix:** DRINKING WATER **Collection Date:** 10/14/2025 9:15:00 AM  
**Client ID:** TP100 Wellhouse Treated **Sampler:** Unknown **Received Date:** 10/15/2025 10:15:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00342	0.00100		mg/L	0.0100	10/20/2025 6:23:35 AM

**Lab ID:** 2510B67-02 **Matrix:** DRINKING WATER **Collection Date:** 10/14/2025 9:15:00 AM  
**Client ID:** WL001- Wellhouse Well **Sampler:** Unknown **Received Date:** 10/15/2025 10:15:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00959	0.00100		mg/L	0.0100	10/20/2025 6:23:35 AM

**Lab ID:** 2510B67-03 **Matrix:** DRINKING WATER **Collection Date:** 10/14/2025 9:15:00 AM  
**Client ID:** WL002- Wellhouse Well **Sampler:** Unknown **Received Date:** 10/15/2025 10:15:00 AM  
**Location:**

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
METALS, DRINKING WATER				EPA 200.8		Analyst: AS
Arsenic	0.00899	0.00100		mg/L	0.0100	10/20/2025 6:23:35 AM

**Qualifiers:** < Not Detected at the Reporting Limit  
MCL Maximum Contaminant Level  
RL Reporting Limit

H Holding times for preparation or analysis exceeded  
PL Permit Limit

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Page 2 of 3