

JB  
Water Sampling

### Laboratory Testing Report

Laboratory (574) 272-8484      Mishawaka Office (574) 272-8484      Ft. Wayne Office (260) 450-2582      Michigan Office (833) 442-6669

Property Location: River School #5      Address: 4439 River Road      City: Sodus      State: Michigan      ZIP Code: 49126      Initials: JBG

Client: JB Water & Sampling      Sample Source: Community Water Source      Sampled By: Water Operator

Compliance Details: System: Type 2      PWSID #:      WSSN #: 2012111

Date / Time Received: 09-20-2022 02:36 PM      County: Berrien County      Well Permit #:

#### Test Results

Sample Number	Eval Number	Sample Type	Sample Location	Test Performed	Test Result	Pass / Fail	Date / Time Sampled	Date / Time Started	Date / Time Analyzed	Method	Unit of Measure	MCL	AL
217772			Kitchen Sink	Total E.coli	Absent	P	09-20-2022 06:55 AM	09-20-2022 02:05 PM	09-21-2022 02:01 PM	Colliert	per 100mL	0.000001	
217772			Kitchen Sink	Total Coliform	Absent	P	09-20-2022 06:55 AM	09-20-2022 02:05 PM	09-21-2022 02:01 PM	Colliert	per 100mL	0.000001	
216883			Sample Tap	Arsenic	<2.00	P	09-20-2022 06:56 AM		09-21-2022 03:02 PM	USEPA 200.5	ug As/L	10	
216831			Sample Tap	Nitrate	<0.50	P	09-20-2022 06:56 AM		09-20-2022 07:52 PM	353.2	mg NO3-N/L	10	

Jordan Garrett Laboratory Director      Carla Sue Snow Laboratory Technician      Edgar Ramos Laboratory Technician

Your Environmental Services, LLC, 4609 Grape Road, STE D5, Mishawaka, Indiana 46545  
Indiana Microbiology Certification: M-76-06, Indiana Chemistry Certification: C-71-04, Michigan Microbiology/Inorganic Chemistry Certification: 9995

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ANALYTICAL LABORATORIES, INC.

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673

Trace Project ID: 2210846  
Client Project ID: River School

Trace ID: 2210846-01  
Matrix: Drinking Water  
Date Collected: 09/20/22 06:20  
Date Received: 09/20/22 09:56

**VOLATILE ORGANIC COMPOUNDS BY GC-MS**

Analysis Method: EPA 524.2

Batch: T127415

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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Dichlorodifluoromethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Chloromethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Vinyl chloride	<0.50 ug/L	0.50	1	nw	09/24/22		2.0
Bromomethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Chloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Trichlorofluoromethane	<0.50 ug/L	0.50	1	nw	09/24/22		
1,1-Dichloroethene	<0.50 ug/L	0.50	1	nw	09/24/22		7.0
Methyl-tert-butyl ether	<1.0 ug/L	1.0	1	nw	09/24/22		
Methylene chloride	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
trans-1,2-Dichloroethene	<0.50 ug/L	0.50	1	nw	09/24/22		100
1,1-Dichloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		
2-Butanone	<1.0 ug/L	1.0	1	nw	09/24/22		70
cis-1,2-Dichloroethene	<0.50 ug/L	0.50	1	nw	09/24/22		
2,2-Dichloropropane	<0.50 ug/L	0.50	1	nw	09/24/22		
Bromochloromethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Tetrahydrofuran	<5.0 ug/L	5.0	1	nw	09/24/22		
Chloroform	<0.50 ug/L	0.50	1	nw	09/24/22		80
1,1,1-Trichloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		200
1,1-Dichloropropene	<0.50 ug/L	0.50	1	nw	09/24/22		
Carbon tetrachloride	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
Benzene	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
1,2-Dichloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
Trichloroethene	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
1,2-Dichloropropane	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
Dibromomethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Bromodichloromethane	<0.50 ug/L	0.50	1	nw	09/24/22		80
cis-1,3-Dichloropropene	<0.50 ug/L	0.50	1	nw	09/24/22		
4-Methyl-2-pentanone	<1.0 ug/L	1.0	1	nw	09/24/22		
Toluene	<0.50 ug/L	0.50	1	nw	09/24/22		1000
trans-1,3-Dichloropropene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,1,2-Trichloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
1,3-Dichloropropane	<0.50 ug/L	0.50	1	nw	09/24/22		

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ANALYTICAL RESULTS

Trace Project ID: 2210846  
Client Project ID: River School

Trace ID: 2210846-01  
Matrix: Drinking Water  
Date Collected: 09/20/22 06:20  
Date Received: 09/20/22 09:56

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Tetrachloroethene	<0.50 ug/L	0.50	1	nw	09/24/22		5.0
Dibromochloromethane	<0.50 ug/L	0.50	1	nw	09/24/22		80
1,2-Dibromoethane (EDB)	<0.50 ug/L	0.50	1	nw	09/24/22		100
Chlorobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		100
1,1,1,2-Tetrachloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Ethylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		700
m,p-Xylene	<1.0 ug/L	1.0	1	nw	09/24/22		10000
o-Xylene	<0.50 ug/L	0.50	1	nw	09/24/22		10000
Xylenes, total	<1.5 ug/L	1.5	1	nw	09/24/22		10000
Styrene	<0.50 ug/L	0.50	1	nw	09/24/22		100
Bromoform	<0.50 ug/L	0.50	1	nw	09/24/22		80
Isopropylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,1,2,2-Tetrachloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		
1,2,3-Trichloropropane	<0.50 ug/L	0.50	1	nw	09/24/22		
Bromobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
n-Propylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
2-Chlorotoluene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,3,5-Trimethylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
4-Chlorotoluene	<0.50 ug/L	0.50	1	nw	09/24/22		
t-Butyl Benzene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,2,4-Trimethylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
sec-Butylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
p-Isopropyltoluene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,3-Dichlorobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,4-Dichlorobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		75
n-Butylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,2,3-Trimethylbenzene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,2-Dichlorobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		600
1,2-Dibromo-3-chloropropane	<1.0 ug/L	1.0	1	nw	09/24/22		
Hexachloroethane	<0.50 ug/L	0.50	1	nw	09/24/22		
Hexachlorobutadiene	<0.50 ug/L	0.50	1	nw	09/24/22		
1,2,4-Trichlorobenzene	<0.50 ug/L	0.50	1	nw	09/24/22		70
Hexachlorocyclopentadiene	<0.50 ug/L	0.50	1	nw	09/24/22		
Naphthalene	<0.50 ug/L	0.50	1	nw	09/24/22		

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**VOLATILE ORGANIC COMPOUNDS BY GC-MS**

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
1,2-Dichlorobenzene-d4	101 %	52-135	1	09/24/22 nw	09/24/22 nw		N
4-Bromofluorobenzene	102 %	46-147	1	09/24/22 nw	09/24/22 nw		N
1,2,3-Trichlorobenzene	<0.50 ug/L	0.50	1	09/24/22 nw	09/24/22 nw		N

**Surrogates:**

**PARAMETERS**


Trace ID: 2210846-01  
 Matrix: Drinking Water  
 Date Collected: 09/20/22 06:20  
 Date Received: 09/20/22 09:56

Sample ID: 11999 Sample Tap

Trace Project ID: 2210846  
 Client Project ID: River School

**ANALYTICAL RESULTS**

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PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
Copper	0.044 mg/L	0.025	1	acs	acs	09/29/22	1.3
Lead	<0.0010 mg/L	0.0010	1	acs	acs	09/29/22	0.015

Batch: T127857

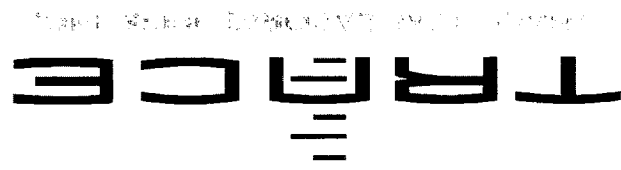
Analysis Method: EPA 200.8 Rev. 5.4

### METALS, TOTAL

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
Trace ID: 2210846-02	Matrix: Drinking Water	Date Collected: 09/20/22 06:25	Date Received: 09/20/22 09:56				
Sample ID: Kitchen Sink							

Trace Project ID: 2210846  
Client Project ID: River School

### ANALYTICAL RESULTS



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Analysis Method: EPA 200.8 Rev. 5.4  
Batch: T127857

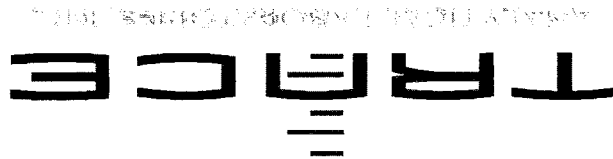
#### METALS, TOTAL

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
Lead	<0.0010 mg/L	0.0010	1	acs	acs	09/29/22	0.015
Copper	<0.025 mg/L	0.025	1	acs	acs	09/29/22	1.3

Trace Project ID: 2210846  
Client Project ID: River School

#### ANALYTICAL RESULTS

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**CERTIFICATE OF ANALYSIS**

Analysis Method: EPA 200.8 Rev. 5.4  
Batch: T127857

**METALS, TOTAL**

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
Copper	0.073 mg/L	0.025	1	acs	acs		1.3
Lead	<0.0010 mg/L	0.0010	1	acs	acs		0.015

Trace Project ID: 2210846  
Client Project ID: River School

Trace ID: 2210846-04  
Matrix: Drinking Water  
Date Collected: 09/20/22 06:22  
Date Received: 09/20/22 09:56

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### CERTIFICATE OF ANALYSIS

#### METALS, TOTAL

Analysis Method: EPA 200.8 Rev. 5.4

Batch: T127857

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
Copper	0.090 mg/L	0.025	1	acs	acs	09/29/22	1.3
Lead	<0.0010 mg/L	0.0010	1	acs	acs	09/29/22	0.015

Trace ID: 2210846-05

Matrix: Drinking Water

Date Collected: 09/20/22 06:27

Sample ID: Bathroom Sink Left Lower Level

Date Received: 09/20/22 09:56

Trace Project ID: 2210846  
Client Project ID: River School

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