



ONTELAUNEE TOWNSHIP

Annual Water Quality Report 2021

PWSID: 3060098

What Are Drinking Water Standards?

Under the authority of the Safe Drinking Water Act (SDWA), EPA sets standards for approximately 90 contaminants in drinking water. For each of these contaminants, EPA sets a legal limit, called a maximum contaminant level, or requires a certain treatment. Water suppliers may not provide water that doesn't meet these standard. Water that meets these standards is safe to drink.

The SDWA, which celebrated its 25th Anniversary in 2004, is the main federal law that ensures the quality of America's drinking water. Under SDWA, EPA sets standards for drinking water quality and oversees the states, localities, and water suppliers who implement those standards. The SDWA covers all public water systems with piped water for human consumption with at least 15 service connections or a system that regularly serves at least 25 individuals.

Why Do I Need To Read This?

A survey conducted by the American Water Works Research Foundation in 1993 found that nearly two-thirds of water customers surveyed said they received "very little" or "no" information on the quality of their water. The water quality reports will increase the availability of information. Informed and involved citizens can be strong allies of water systems, large and small, as they take action on pressing problems. Also, an increase in public awareness can give sensitive sub-populations the information that they need to protect themselves.

Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population.

Immuno-compromised persons such as person with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from health care providers.

EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

2021 Annual Drinking Water Quality Report of the Ontelaunee Township

We are pleased to present to you this year's Annual Drinking Water Quality Report. The Reading Water Authority (RAWA) and Ontelaunee Township routinely monitors for constituents in your drinking water according to Federal and State Laws. The table shows the results of this monitoring for the period of January 1st to December 31st, 2021. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data is from prior years in accordance with the Safe Water Drinking Act. The date has been noted on the sampling results table. Our water source comes from RAWA. Lake Ontelaunee is the RAWA water source. The water is collected by RAWA and is tested by both RAWA and Ontelaunee Township.

If you have any questions about this report or concerning your water utility, please contact us at 610-926-4240. We want our valued customers to be informed about their water quality. If you want to learn more, please attend our regularly scheduled monthly meetings. They are held on the first Thursday of every month at 7:00 P.M. at the Ontelaunee Township Municipal Building.

CONTAMINANT (unit of measurement)	VIOLATION Y/N	90 th Percentile Value	# of Sites above AL of Total Sites	MCLG/MRDLG	MCL/MRDL	SOURCES OF CONTAMINATION
Copper* (ppm)	N	0.171	0	1.3	1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead* (ppb)	N	0.4	0	15	15	Corrosion of household plumbing systems; erosion of natural deposits.
DISINFECTANT	VIOLATION Y/N	LOWEST MONTHLY AVERAGE	HIGHEST MONTHLY AVERAGE	Maximum Residual Disinfectant Level		SOURCES OF CONTAMINATION
Chlorine (ppm) Entry Point Distribution System	N	1.17	2.52	4		Water additive used to control microbes.
CONTAMINANT	VIOLATION Y/N	LEVEL DETECTED	RANGE	MCLG/MRDLG	MCL/MRDL	SOURCES OF CONTAMINATION
Haloacetic Acids (HAA5) (ppb)	N	28.5	N/A	N/A	60	Byproduct of drinking water disinfection.
Total Trihalomethanes (TTHMs) (ppb)	N	75.8	N/A	N/A	80	Byproduct of drinking water disinfection.
Radium 226* (pCi/L)	N	0.56	N/A	0	5	Erosion of natural deposits
MICROBIAL CONTAMINANTS	VIOLATION Y/N	HIGHEST # OR % OF POSITIVE SAMPLES		MCLG/MRDLG	MCL/MRDL	SOURCES OF CONTAMINATION
Total Coliform Bacterial	N	0		0	For systems that collect >40 samples/month: 5% of monthly samples are positive	Naturally present in the environment

*We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected; however, the DEP has determined that your water IS SAFE at these levels. The PA Department of Environmental Protection allows the Authority to test for some contaminants less often than annually because the concentrations of these contaminants do not change frequently. Therefore, some of our data, though representative, is not from 2021. Copper, lead and radium were tested in 2019.

What's In My Water?

The Reading Water Authority (RAWA) and Ontelaunee Township routinely monitors for constituents in your drinking water according to Federal and State Laws. The table above shows the results of this monitoring for the period of January 1st to December 31st, 2021. It is important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms and abbreviations we've provided you with the following definitions:

Action Level – the concentration of a contaminant, which, if exceeded, triggers treatment or other requirements which a water system must follow.

Non-Detects (ND) – laboratory analysis indicates that the contaminant is not present at a detectable level.

Parts per million (ppm) or Milligrams per liter (mg/l) – one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or micrograms per liter – one part per billion corresponds to one second in 33 years or a single penny in \$10,000,000.

Picocuries per liter (pCi/l) – picocuries per liter is a measure of radioactivity in water.

Maximum Contaminant Level – the "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Containment Level Goal (MCLG) – the "goal" is the level of contaminant in drinking water below, which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Treatment Technique (TT) – a treatment technique is a required process intended to reduce the level of contaminant in drinking water.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected; however the EP has determined that your water IS SAFE at these levels.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or man made. These constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some constituents. The presence of contaminants does not necessarily indicate that the water poses a health risk.

Terminology

Contaminant that may be present in source water include:

- Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants**, such as salts and metals, which may be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production and mining activities.
- Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production and mining activities.

More information can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4971, or explore the Office of Ground Water and Drinking Water's web site.





PUBLIC NOTICE

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER FAILURE TO MONITOR

**ESTE INFORME CONTIENE INFORMACIÓN IMPORTANTE ACERCA DE SU AGUA POTABLE. HAGA QUE
ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.**

Monitoring Requirements Not Met for Ontelaunee Township

Our water system violated several drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During October 2021 we failed to monitor for the following contaminants and therefore cannot be sure of the quality of our drinking water during that time.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
disinfectant residual	weekly	5 samples taken, 4 samples reported correctly	each week in Oct 2021	each week in Oct 2021

What happened? What was done? When will it be resolved?

5 samples were required for the month of October but only 4 samples were reported correctly.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

For more information regarding this notice, please contact Kelly Burdick at 610-926-4240 X 208.

Certified by:

Signature: Kelly Burdick

Date: 01/07/2022

Print Name and Title: Kelly Burdick - Secretary Water & Sewer

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: posted on the public building entrance door.

PWS ID#: 3060098

Date distributed: 01/07/2022



MCL Exceedance Report



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: (610) 926-4240
Contact Name: Chris Hemrüg	Lab Manager: Christina M Kistler
Project: Weekly Chlorine - WEEK 4	

The analytes listed in this report exceed one or more regulatory limits

Sample Name: 736 Berks Medical Equipment Warehouse Office Restroom Sink (3060098)
Collected By: Barbara A Raifsnider **Reported:** 7/27/21 7:20
Sample ID (Matrix): 2126569-02 (Drinking Water) **Sample LOC ID:** 736
Sampled: 7/26/21 10:59 **Sample Type:** D-Distribution

	Result	RL	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Field								
Chlorine, Total Residual	0.07	0.05	mg/l	7/26/21 10:59	7/27/21 7:20	0.15	4	1012

PADEP Contact Information

Berks County
 1005 Cross Roads Blvd., Reading, PA 19605
 (610) 916-0100

Contact	Contact Phone	Contact Email
Ben Siemer	610-916-0100	bcsiemer@pa.gov
Kevin Krick	610-916-0100	kkrick@pa.gov
Kristopher Gilliam	610-916-0100	kgilliam@pa.gov
Rachel Bechtel	610-916-0146	rbechtel@pa.gov
Southcentral Regional Office	1-800-511-2050	EP/SDW/SCRO/Notes@pa.gov
Susan Werner	610-916-0100	swerner@pa.gov

Client flushed and took additional reading. Was 2.5 mg/l

Christina Kistler 7/26/21

Page 1 of 1

The testing laboratory must notify the Public Water Supplier by telephone within 1 hour (or the appropriate DEP regional office by telephone within 2 hours) of the determination that an MCL violation has occurred for any Safe Drinking Water Act (SDWA) compliance testing result that is at or above the listed MCL for that contaminant code. Written notification must be provided to the appropriate DEP regional office within 24 hours.



MCL Exceedance Report

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003



Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: (610) 926-4240
Contact Name: Chris Hemmig	Lab Manager: Christina M Kistler
Project: Jan, Mar, May, Jul, Sep, Nov	

The analytes listed in this report exceed one or more regulatory limits

Sample Name: 736 Berks Medical Equipment Warehouse Office Restroom Sink (3060098)	Reported: 9/15/21 11:07
Collected By: Barbara A Raifsnider	Sample LOC ID: 736
Sample ID (Matrix): 2133519-06 (Drinking Water)	Sample Type: D-Distribution
Sampled: 9/13/21 11:42	

Field	Result	RI	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Chlorine, Total Residual	<0.05	0.05	mg/l	9/13/21 11:42	9/15/21 11:06	0.15	4	1012

PADEP Contact Information

Berks County
1005 Cross Roads Blvd., Reading, PA 19605
(610) 916-0100

Contact	Contact Phone	Contact Email
Ben Steiner	610-916-0100	bsteiner@pa.gov
Kevin Keck	610-916-0100	kevkock@pa.gov
Kristopher Gilham	610-916-0100	kgilham@pa.gov
Rachel Bechtel	610-916-0146	rachtbechtel@pa.gov
Southcentral Regional Office	1-800-541-2050	EP-SOW-SCRG-Notes@pa.gov
Susan Werner	610-916-0100	swerner@pa.gov

Notes:

Reviewed by: _____ Date: _____

Approved by: _____ Date: _____

Client Contacted Via: _____ Date: _____

Approved by: _____ Date: _____

Client Contacted via: _____ Date: _____

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U.S. EPA/PA DEP #06-00003



Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: (610) 926-4240
Contact Name: Chris Hemmig	Lab Manager: Christina M Kistler
Project: Jan, Mar, May, Jul, Sep, Nov	

The analytes listed in this report exceed one or more regulatory limits

Sample Name: 703 Wingco Lane Penske Building Kitchen (3060098)
Collected By: Barbara A Raifsnider
Sample ID (Matrix): 2133519-02 (Drinking Water)
Sampled: 9/13/21 11:25

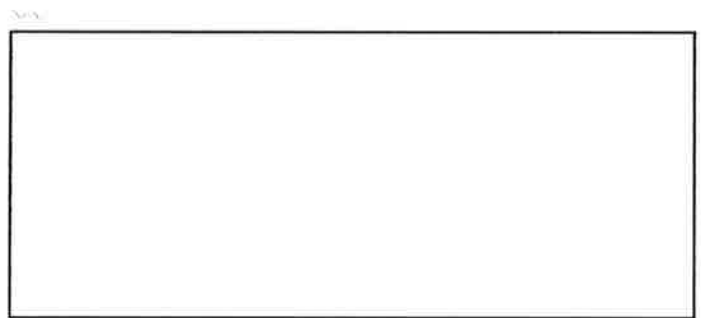
Reported: 9/15/21 11:07
Sample LOC ID: 703
Sample Type: D-Distribution

Field	Result	RL	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Chlorine, Total Residual	0.13	0.05	mg/l	9/13/21 11:25	9/15/21 11:06	0.15	4	1012

PADEP Contact Information

Berks County
 1005 Cross Roads Blvd., Reading, PA 19605
 (610) 916-0100

Contact	Contact Phone	Contact Email
Ben Steimer	610-916-0100	bsteimer@pa.gov
Kevin Krick	610-916-0100	kekrick@pa.gov
Kristopher Gilham	610-916-0100	kgilham@pa.gov
Rachel Dechiel	610 916 0116	racheldechiel@pa.gov
Southcentral Regional Office:	1-800-533-2050	EP-SDMW-SCRO-Notes@pa.gov
Stuart Werner	610-916-0100	swerner@pa.gov



Reported to PA DEP by (signature)	Date/Time	Reported to PA DEP by (signature)	Date/Time
Reported to PA DEP by (signature)	Date/Time	Reported to PA DEP by (signature)	Date/Time
Reported to PA DEP by (signature)	Date/Time	Reported to PA DEP by (signature)	Date/Time

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MCL Exceedance Report

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ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003



Client Name: Ontelaunee Township Water & Sewer Dept.

Contact Name: Chris Hemmig

Project: Jan, Mar, May, Jul, Sep, Nov

Contact Number: (610) 926-4240

Lab Manager: Christina M Kistler

The analytes listed in this report exceed one or more regulatory limits

Sample Name: 723 CK Business Campus Kitchen Space 16-A (3060098)

Collected By: Barbara A Raifsnider

Sample ID (Matrix): 2133519-04 (Drinking Water)

Sampled: 9/13/21 11:08

Reported: 9/15/21 11:07

Sample LOC ID: 723

Sample Type: D-Distribution

Field	Result	RL	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Chlorine, Total Residual	0.11	0.05	mg/l	9/13/21 11:08	9/15/21 11:06	0.15	4	1012

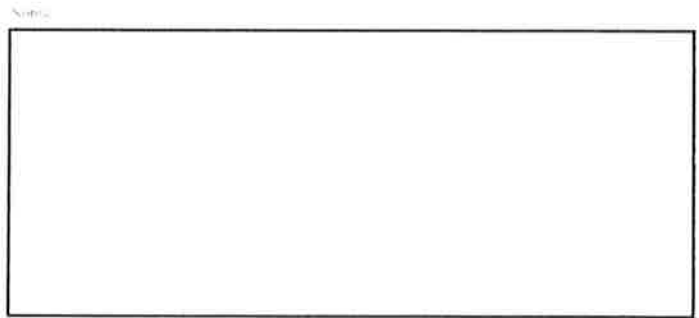
PADEP Contact Information

Berks County

1005 Cross Roads Blvd., Reading, PA 19605

(610) 916-0100

Contact	Contact Phone	Contact Email
Ben Steiner	610-916-0100	bsteiner@pa.gov
Kevin Keick	610-916-0100	kevinkeick@pa.gov
Kristopher Gilham	610-916-0100	kgilham@pa.gov
Rachel Bechtel	610-916-0146	rbechtel@pa.gov
Southcentral Regional Office	1-800-541-2050	EP SDW SCRO_Notes@pa.gov
Susan Werner	610-916-0100	suwerner@pa.gov



Reported by: Christina M Kistler Date: 9/15/21

Client Contacted Via: Written Notice Date: 9/15/21

Client Contacted Via: Telephone Date: 9/15/21

The testing laboratory must notify the Public Water Supplier by telephone within 1 hour (or the appropriate DEP regional office by telephone within 2 hours) of the determination that an MCL violation has occurred for any Safe Drinking Water Act (SDWA) compliance testing result that is at or above the listed MCL for that contaminant code. Written notification must be provided to the appropriate DEP regional office within 24 hours.



MCL Exceedance Report

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003



Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: (610) 926-4240
Contact Name: Chris Hemmig	Lab Manager: Christina M Kistler
Project: Weekly Chlorine- WREK 1	

The analytes listed in this report exceed one or more regulatory limits

Sample Name: 703 Wingco Lane Penske Building Kitchen Sink (3060098)	Reported: 12/7/21 8:23
Collected By: Barbara A Raifsnider	Sample LOC ID: 703
Sample ID (Matrix): 2144628-02 (Drinking Water)	Sample Type: D-Distribution
Sampled: 12/6/21 10:35	

Field	Result	RL	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Chlorine, Total Residual	0.12	0.05	mg/l	12/6/21 10:35	12/7/21 8:23	0.15	4	1012

PADEP Contact Information

Berks County
1005 Cross Roads Blvd., Reading, PA 19605
(610) 916-0100

Contact	Contact Phone	Contact Email
Ben Stemer	610-916-0100	bstemer@pa.gov
Kevin Knick	610-916-0100	kknick@pa.gov
Kristopher Gilman	610-916-0100	kgilman@pa.gov
Rachel Bechtel	610-916-0100	rabechtel@pa.gov
Southwest Regional Office	1-800-511-2050	EP-SW-S/RO-Swac@pa.gov
Sean Werner	610-916-0100	swerner@pa.gov

* Client Flushed and took additional Readings
 0.33 mg/L - 14:34
 0.10 mg/L - 14:31
 0.74 mg/L - 14:44

Christina M Kistler 12/6/21
11:23

Christina M Kistler 12/6/21
11:23

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