



Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda.

Ontelaunee Township

PWSID #3060098

Annual Drinking Water Quality Report

Water Testing Performed in 2020

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. Contaminants 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 can be naturally occurring or result from urban stormwater run-off, 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 run-off and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater run-off and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to assure that tap water is safe to drink, EPA and DEP prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA and DEP regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's *Safe Drinking Water Hotline* (800-426-4791).

Information about Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Ontelaunee Township is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

IMPORTANT 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).

2020 Annual Drinking Water Quality Report of 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, 2020. 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.

Chemical Contaminant (unit of measurement)	MCL in CCR Units	MCLG	Level Detected	Range of Detections	Sample Date	Violation Y/N	Sources of Contamination
Chlorine (ppm) (Monthly Average of Distribution System)	MRDL 4.0	MRDL G 4.0	1.23	1.23 - 2.64	2020	N	Water additive used to control microbes
Haloacetic Acids * (HAA5) (ppb)	60	60	30.60 ***	N/A	2020	N	By-product of drinking water disinfection.
Trihalomethanes (TTHMs) (ppb) **	80	80	57.00 ***	N/A	2020	N	By-product of drinking water disinfection.
Orthophosphate	-	-	0.75	0.75-1.69	2019	N	Water additive used to control corrosion

* Some people who drink water containing Haloacetic acids in excess of the MCL over many years may have an increased risk of getting cancer.

** Some people who drink water containing Trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

*** Based on a running annual average

**** Based on the quarterly averages for the CCR year

Inorganic Chemicals (IOCS)

Chemical Contaminant	MCL in CCR Units	MCLG	Level Detected	Range of Detections	Sample Date	Violation Y/N	Sources of Contamination
Fluoride (ppm)	2	4	0.85	0.39-- - 0.85	2020	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nitrate as Nitrogen(ppm)	10	10	4.07	1.59 – 4.07	2020	N	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

Entry Point Disinfectant Residual

Contaminant	Minimum Disinfectant Residual	Lowest Level Detected	Range of Detections	Sample Date	Violation Y/N	Sources of Contamination
Chloramine	0.20	2.11	2.11-3.77	Oct. 2020	N	Water additive used to control microbes.

Lead and Copper

Contaminant	Action Level (AL)	MCLG	90 th Percentile Value	# of Sites above AL of Total Sites	Sample Date	Violation Y/N	Sources of Contamination
Copper (ppm)	1.3	1.3	0.1710	0 out of 10	9/2020	N	Corrosion of household plumbing; Erosion of natural deposits; Leaching from wood preservatives
Lead (ppb)	15	0	4	0 out of 10	9/2020	N	Corrosion of household plumbing ; Erosion of natural deposits

Microbial Contaminants	TT	Number of Level 2 Assessments triggered by an E. coli MCL	Number of Level 2 Assessments triggered by Multiple Level 1 Assessments	Violation Y/N	Sources of Contamination
Total Coliform Bacteria	Any system that has failed to complete all the required assessments or correct all identified sanitary defects, is in violation of the treatment technique requirement	NA	0	N	Naturally present in the environment.

RAWA is required, based on population served, to do 90 bacteriological samples per month. In October of 2019, 1 routine sample out of 106 confirmed to be positive for total coliform.

*E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches or other symptoms. They may pose a special health risk for infants, young children, some of the elderly and people with severely compromised immune systems.

Contaminant	MCL	MCLG	Highest Level Detected	Sample Date	Violation Y/N	Sources of Contamination
Turbidity	TT = 1 NTU for a single measurement	0	0.193 NTU	July 2020	N	Soil runoff
	TT = at least 95% of monthly samples < 0.3 NTU		100%	N/A	N	

Radionuclides

Chemical Contaminant	MCL in CCR units	MCLG	Highest Level Detected	Sample Date	Violation Y/N	Sources of Contamination
Radium 226 (pCi/L)	5	0	.56	2019	N	Erosion of natural deposits

Total Organic Carbon (TOC)

Percent removal range required for TOC is 0-35%. The percent removal achieved by RAWA in 2020 is 28%-40%.

Synthetic Organic Compounds (SOCs)

We were not required to monitor for SOCs in 2020.

Violations: Please see attached.

What's In My Water?

In the summary 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 (AL) - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - 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 Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Minimum Residual Disinfectant Level (MinRDL) - The minimum level of residual disinfectant required at the entry point to the distribution system.

Treatment Technique (TT) - A required process intended to reduce the level of a contaminant in drinking water.

Mrem/year = millirems per year (a measure of radiation absorbed by the body)

pCi/L = picocuries per liter (a measure of radioactivity)

ppb = parts per billion, or micrograms per liter ($\mu\text{g/L}$)

ppm = parts per million, or milligrams per liter (mg/L)

ppq = parts per quadrillion, or picograms per liter

ppt = parts per trillion, or nanograms per liter

WAYS TO CONSERVE



When cleaning out fish tanks, give the nutrient-rich water to your plants.



Teach your children to turn off faucets tightly after each use.



Adjust sprinklers so only your lawn or plants are watered and not the house, sidewalk, or street.



Water your plants deeply but less frequently to encourage deep root growth and drought tolerance.



Collect water from your roof to water your garden.



Share water conservation tips with friends and neighbors.



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: 610-916-3445
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)
Collected By: Barbara A Raifsnider **Reported:** 5/12/20 10:15
Sample ID (Matrix): 2015713-06 (Drinking Water) **Sample LOC ID:** 736
Sampled: 5/11/20 11:20 **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	5/11/20 11:20	5/12/20 10:14	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 Stermer	610-916-0100	bestermer@pa.gov
Kevin Krick	610-916-0100	kevkrick@pa.gov
Kristopher Gilham	610-916-0100	kgilham@pa.gov
Susan Werner	610-916-0100	suwerner@pa.gov

Notes

Reported to PADEP By (Printed)	Date/Time	Reported to Customer By (Signature)	Date/Time
Reported to PADEP By (Signature)	Date/Time	Client Contacted Via Written Notice	Date/Time
		Client Contacted Via Telephone	Date/Time

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.



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M.J. Reider Associates, Inc.
ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003



Client Name: Ontelaunee Township Water & Sewer Dept.
Contact Name: Chris Hemmig
Project: Jun, Aug, Oct, Dec,
Contact Number: 610-916-3445
Lab Manager: Christina M Kistler

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

Sample Name: 723 CK Business Campus Space 16-A Upstairs Restroom Sink (3060098)
Collected By: Barbara A Raifsnider
Sample ID (Matrix): 2019106-04 (Drinking Water)
Sampled: 6/8/20 10:35
Reported: 6/10/20 15:36
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	<0.05	0.05	mg/l	6/8/20 10:35	6/10/20 15:35	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 Stermer	610-916-0100	besterm@pa.gov
Kevin Krick	610-916-0100	kevkrick@pa.gov
Kristopher Gilham	610-916-0100	kgilham@pa.gov
Susan Werner	610-916-0100	suwerner@pa.gov

Notes:

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Reported to PADEP By (Signature): _____	Client Contacted Via Written Notice: _____ Date/Time: _____
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Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: 610-916-3445
Contact Name: Chris Hemmig	Lab Manager:
Project: Jan, Mar, May, Jul, Sep, Nov	

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

Sample Name: 701 Cambridge Lee Plant #4 Office Breakroom (3060098)
Collected By: Barbara A Raifsnider
Sample ID (Matrix): 2023614-01 (Drinking Water)
Sampled: 7/14/20 11:30

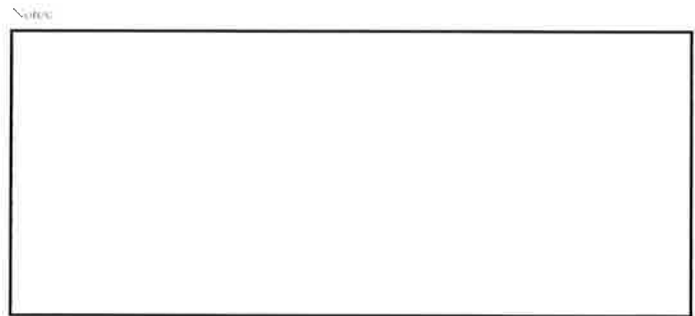
Reported: 7/15/20 12:15
Sample LOC ID: 701
Sample Type: D-Distribution

	Result	RL	Units	Analyzed	Reviewed	MCL	PA DEP Analyte ID
Microbiology							
Total Coliform	Present	1.00	/100ml	7/15/20 10:40	7/15/20 12:13	1	3100

PADEP Contact Information

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

Contact	Contact Phone	Contact Email
Ben Stermer	610-916-0100	besterner@pa.gov
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Kristopher Gilham	610-916-0100	kgilham@pa.gov
Susan Werner	610-916-0100	suwerner@pa.gov



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Client Name: Ontelaunee Township Water & Sewer Dept.	Contact Number: 610-916-3445
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)	Reported: 9/15/20 8:41
Collected By: Barbara A Raifsnider	Sample LOC ID: 703
Sample ID (Matrix): 2031620-02 (Drinking Water)	Sample Type: D-Distribution
Sampled: 9/14/20 11:34	

Field	Result	RL	Units	Analyzed	Reviewed	MCL Lower Limit	MCL Upper Limit	PA DEP Analyte ID
Chlorine, Total Residual	0.07	0.05	mg/l	9/14/20 11:34	9/15/20 8:41	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 Stermer	610-916-0100	besterner@pa.gov
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Kristopher Gilham	610-916-0100	kgilham@pa.gov
Susan Werner	610-916-0100	suwerner@pa.gov

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**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER**

WATER SUPPLY INSPECTION REPORT

Facility Name ONTELAUNEE TWP WATER & SEWER	PWSID No 3060098	Inspection Date 2020-11-23
Facility Location ----	County Berks	Municipality Ontelaunee
Responsible Officials Name ----	Telephone: (610) 926-4240	
	SystemType: Community	Population: 2175
Certified Operator name ----	Field Order Number: ----	
	Issue Date(mm/dd/yy): ----	

eFACTS info

Inspection ID: 3112165

Inspection Type: RTPT

General Comments

This partial inspection is to document the return to compliance of a monitoring violation. Violation ID 19-37053 for failure to monitor for lead/copper in 2019 has been returned to compliance. The facility had only collected 6 of the required 10 lead/copper samples in 2019. Public notification was issued with the CCR. We received a copy of the CCR in July 2020 and Ontelaunee collected the correct 10 lead/copper samples between June 1 and September 30, 2020.

In addition, Since the authority was dissolved in 2018, the system must submit an application to transfer the permit to the new owner which appears to be Ontelaunee Township. That application should be submitted as soon as possible as the facility is currently operating without a valid permit since the permit is still in the name of the Ontelaunee Township Municipal Authority.

Signatures

Received by(Print Name):

Unable To Receive Signature:
Remote inspection