



## ***WILKINSBURG-PENN JOINT WATER AUTHORITY***

***2200 Robinson Boulevard, Pittsburgh, PA 15221***

***PWS ID 5020056***

# ***2023***

## ***WATER QUALITY REPORT***

The Wilksburg-Penn Joint Water Authority (WPJWA) is pleased to present our 2023 Water Quality Report. *Este informe contiene informacion muy importante sobre su agua beber. Traduzcalo o hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it or speak to someone who understands it).* The potable water produced by the WPJWA meets and/or exceeds the water quality standards adopted by the Pennsylvania Department of Environmental Protection (PA DEP) and the U.S. Environmental Protection Agency (US EPA). We test our water using advanced technologies at numerous intervals in the treatment process to ensure the quality of our drinking water. The WPJWA's "2023 Water Quality Report" provides information about our distribution system, the quality of our water and related health information. Our staff of dedicated employees works diligently to deliver one of the finest drinking waters available at a reasonable cost. If you have any questions, desire additional information, or would like to become involved, please contact the Executive Director at 412-243-6200. The Authority's Board of Directors meets on the 4<sup>th</sup> Tuesday of each month at 6:30 PM in the Authority Office located at 2200 Robinson Boulevard, Pittsburgh, PA 15221. These meetings are open to the public.

### **SOURCE WATER ASSESSMENT**

The WPJWA is classified as a "surface water supply" and obtains its raw water from the Allegheny River at our Nadine Intake on Allegheny River Boulevard in Penn Hills, PA.






A Source Water Assessment of WPJWA's intake water (located on the Allegheny River) was completed in May 2002 by the PA Department of Environmental Protection (PA DEP). The Assessment has found that our source water is potentially most susceptible to road deicing materials, accidental spills along railroad tracks and leaks from submerged pipelines and storage tanks. Overall, the Allegheny River Watershed has a moderate risk of significant contamination. Summary reports are available on the PA DEP website at: <http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=4492>. Select "Wilksburg-Penn Joint Water Authority pdf" from the list or write to the PA DEP at 400 Waterfront Dr., Pittsburgh, PA 15222. Complete reports were distributed to municipalities, water suppliers, local planning agencies and PA DEP offices. Copies of the complete report may be available for review at the PA DEP Southwestern Regional Office, Records Management Unit at 412-442-4000.

In 2013, WPJWA became involved with PA DEP's Source Water Protection Technical Assistance Program. This provided the Authority with a source water protection plan that delineates the recharge areas for WPJWA's source water, determines transport times and pathways of potential contaminants, identifies potential sources of contamination, educates the public on the importance of source water protection, plans for pollution events, and complies with the PA DEP Chapter 109 regulations.

### **EDUCATIONAL INFORMATION**

The source of drinking water (both tap and bottled water) includes rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of 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:

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



In order to ensure that your tap water is safe to drink, the US EPA and the PA DEP have established regulations which limit the amount of certain contaminants in water provided by public water systems. The limits for contaminants in bottled water are established by regulations set by the Food and Drug Administration (FDA) and PA DEP which must provide the same protection of public health.

Both municipal drinking water and bottled water may be reasonably expected to contain 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 of chemicals can be obtained by calling the US EPA's *Safe Drinking Water Hotline* at (800) 426-4791, by clicking the following link: <http://www.epa.gov/ground-water-and-drinking-water/forms/contact-us-about-ground-water-and-drinking-water> or by mailing EPA Office of Ground Water and Drinking Water, 1200 Pennsylvania Ave, N.W. (Mail Code 4606M), Washington, DC 20460.

Tap water from public water systems in the United States is among the safest in the world, and maintaining that quality is a priority for the WPJWA. We monitor for and control more than 100 different parameters that may affect water at the tap: from algae in the river; to the finished chlorine and pH of the water at your tap. At WPJWA, we consider ourselves stewards of public health and safety. In addition, many of our employees also drink and use the water that is delivered to our homes and workplaces in the communities we serve.

WPJWA is currently required to collect 100 samples per month from our distribution system. In 2023, we collected a total of 1,901 samples with an average of 158 samples collected each month covering all municipalities that we serve. Every sample was analyzed for its free chlorine disinfectant level, pH, and bacterial growth. An additional 10 parameters were analyzed on 169 distribution samples to ensure that our corrosion control treatment system is working properly. Lastly, our water treatment filtration plant is staffed with state-certified water treatment operators 24 hours a day, 365 days per year. Every hour, samples of the entire treatment process from source water to finished water to our distribution system are collected and analyzed for a variety of parameters. Treating and providing our customers with safe drinking water is our #1 priority.

### **SPECIAL MESSAGE FOR PEOPLE WITH SEVERELY WEAKEND IMMUNE SYSTEMS**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons 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 online at:

<https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=200024LD.TXT>, or by mail at EPA Office of Ground Water and Drinking Water, 1200 Pennsylvania Ave, N.W. (Mail Code 4606M), Washington, DC 20460.

## **SECURITY OF YOUR WATER SYSTEM**

All the Authority's treated drinking water is stored in secure, covered reservoirs and tanks. Our system is monitored and staffed 24 hours a day and 7 days a week and our SCADA (Supervisory Control and Data Acquisition) computer system assists in monitoring water quality, water quantity and security of our production and storage facilities. You can be of assistance in maintaining the security and safety of our water system by being aware of the fire hydrants, tanks and reservoirs located in your neighborhood. If you should see suspicious activity happening to any of our facilities, hydrants, or water lines, please report it immediately by contacting the WPJWA at 412-243-6200 or your local police department.

## **WATER QUALITY REPORT**

You can request a hard copy of our current Water Quality Report by calling 412-243-6200 and selecting Customer Service Option 4 or you can print a copy by visiting [www.wpjwa.com](http://www.wpjwa.com) and then selecting the "CCR Water Quality" button on the Home page.

## **PUBLIC NOTIFICATION NEWS**

As part of the 2009 Public Notification Rule requirements, WPJWA has entered into an agreement with *Rapid Response* to manage our public notification situations. This will enable WPJWA to get in contact with our customers with important and timely information (e.g.: Tier 1 violation, health warning, areas of flushing, water conservation orders, etc.) in the most quick and efficient way. Please contact us with your current phone number at 412-243-6165 or at [www.wpjwa.com](http://www.wpjwa.com).

## **FREQUENTLY ASKED WATER QUALITY QUESTIONS (FAQs)**

### ***WP Why does my water suddenly appear discolored and/or rusty?***

Water may become discolored when certain actions disrupt the flow of water in the water distribution mains. Examples of these disruptions can be main line water breaks, the opening of fire hydrants to fight fires or for routine, scheduled hydrant flushing activities. Though these events are temporary, and in most cases quite harmless, it can lead to staining of laundry and automatic ice makers. Our hydrant flushing schedule is posted on our website or can be obtained by calling our main office phone number (412) 243-6200. Please avoid using your washing machine and your automatic ice makers at this time. If the disruption is a result of water line break, you can be assured that our distribution crews are working around the clock and as quickly as possible to restore normal water service.

### ***WP Why does my water appear white and/or milky, especially in the winter months?***

Milky water is caused by tiny air bubbles in water and is completely harmless. The air bubbles are a result of dissolved oxygen leaving the water. In fact, if that water is allowed to sit for a minute or two undisturbed it will clear entirely up. So, what is happening here? Cold water can hold more dissolved oxygen than warm water. The colder the water, the more dissolved oxygen it can carry. Further, water delivered to each home is under pressure so when the water is warmed as it travels around the home's plumbing, that dissolved oxygen wants to leave the water but cannot since the water is under pressure in the plumbing. Once a faucet is opened, that trapped dissolved oxygen can now freely leave the water and the result is white or milky colored water. This effect is exactly what happens when you open a carbonated soft drink in that the dissolved carbon dioxide gas leaves the container as the pressure is removed. Also, the warmer the soft drink is, the "fizzier" the drink appears to be. So, the easiest way to prevent this in your tap water is to simply let the water sit undisturbed for a moment in an open container and the air bubbles will naturally disappear just like in the picture above.

Sometimes air can be introduced to the water line if there has been a water main break or the home has had recent



plumbing repairs. In these cases, air under pressure is forcibly ejected and the plumbing fixtures will spurt or make noises when the fixture is opened. If you experience conditions like these that are not a result of recent home plumbing repairs and don't resolve after a minute or two call customer service at (412) 243-6200 and report the problem.

### **WP What are PFAS and should I be concerned about them?**

Perfluoroalkyl and Polyfluoroalkyl substances (PFAS) are man-made chemicals that are used in a wide variety of industries. These chemicals are found in products such as non-stick kitchenware, water-resistant textiles, firefighting foam, and more. They have been nicknamed "forever chemicals" due to their persistence and accumulation throughout the environment, including air, water, and soil. When ingested over time, high levels of PFAS can lead to certain health concerns. Research to understand the impacts and risks is ongoing, and both state and federal agencies have begun requiring mandatory compliance water sampling by water utilities. The PA DEP has regulated the WPJWA to begin this testing in 2024, however the WPJWA has begun collecting samples in 2023 to compile a broader set of data on the presence of PFAS in your drinking water.

### **WP What causes hardness in my water?**

Hardness is determined by the concentration of dissolved minerals in water. Most commonly, water hardness is determined by the presence of calcium and magnesium. The hardness in our drinking water is a result of mineral absorption from rocks and soil in the Allegheny River. There are no known health concerns associated with water hardness, in fact the intake of essential minerals like calcium and magnesium are beneficial to a healthy diet. However, mineral buildup of calcium carbonate can deposit scale in pipes, water heaters, and home appliances. Hardness levels do not fluctuate significantly during the treatment process but can be reduced on the consumer end using point source filters if desired.



### **WP Why does my water have a chemical or bleach taste and/or odor and is there anything I can do to remove it?**

Nearly all odors that customers report as "bleach-like", "chemical" or even "medicinal" are due to WPJWA adding chlorine in the water as a disinfectant. The Authority is required to maintain certain levels of chlorine in our treatment process, in the finished water leaving the filtration plant and at each and every one of our customer's taps. Further, disinfection by chlorine is one of the most important steps we take in ensuring our water is microbiologically safe in the prevention of water-borne diseases. The World Health Organization has stated that the adoption of chlorinating the public drinking water a century ago has been one of the most significant advances in public health protection worldwide.

Individuals that are sensitive to the taste and odor of chlorine in the water can lessen or even remove it by:

- Placing water in a glass or in another type of open container in the refrigerator for several hours or overnight. This will allow the chlorine to dissipate.
- Add a few drops of lemon or lime juice and/or a fresh slice of your favorite fruit to the water.
- Look into an approved home water treatment device. This can be as simple as an activated carbon pitcher or end of faucet device to an under sink reverse osmosis unit. Whichever

device you use, ensure it is manufactured specifically to improve the taste and odor of the water by a reputable company and be sure to follow all of the manufacture's installation and maintenance instructions. Failure to do this will reduce the effectiveness of the device and may even reduce the water quality.

## **LEAD AND DRINKING WATER**

At the WPJWA, we take our responsibility to protect your health very seriously and want you to make informed decisions about your drinking water. Lead is not present in the water when it leaves our treatment facility or in the water mains that run below the streets. However, lead can be present in old service lines connecting homes to the water system or in-home plumbing. WPJWA takes steps at the treatment plant to reduce the potential of lead dissolving into the water and ending up at the tap. WPJWA has always been in compliance with all federal regulations for lead, however, some risks remain.

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. The Wilkesburg-Penn Joint Water Authority is responsible for providing high quality drinking water but cannot control the variety of materials used in home plumbing. 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 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 [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

If you believe your home is at risk, we encourage you to have your water tested by a certified laboratory, particularly if there are children under age 6 or pregnant women in the household. Information on certified laboratories can be found on the WPJWA website at: [www.wpjwa.com/how-to-have-your-water-sampled-for-lead/](http://www.wpjwa.com/how-to-have-your-water-sampled-for-lead/).

## DEFINITION OF TERMS USED



**Action Level (AL)** -- The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Locational Running Average (LRAA)** -- The average, computed quarterly, of results taken at a specific monitoring location during the most recent four quarters.

**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 are set to allow for an additional 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 benefits of the use of disinfectants to control microbial contaminants.

**Millirems per Year (Mrem/yr)** -- A measure of radiation absorbed by the human body.

**Minimum Reporting Level (MRL)** - For UCMR 3 and 4 analyses (see details below). The minimum limit of a chemical required to be reported to the Environmental Protection Agency (EPA). The MRL is not a regulatory level and is only a reporting requirement at this time.

**Not Detected (ND)** -- The result of the analysis is below the analytical method/instrument detection level

**NTU** -- Nephelometric Turbidity Units, a regulatory measure of water clarity.

**Picocuries per Liter (pCi/L)** -- A measure of the level of radioactivity in water.

**Parts per Billion (ppb)** -- Also known as *micrograms* per liter. An equivalent comparison is one penny in 10 *million* dollars.

**Parts per Million (ppm)** -- Also known as *milligrams* per liter. An equivalent comparison is one penny in 10 *thousand* dollars.

**Trihalomethanes (THMs) and Haloacetic Acids (HAAs)** – A group of chemicals called “Disinfection Byproducts” (DBPs) that form when natural organic matter in the source water, such as leaves and algae, decompose and combine chemically with the chlorine added during the disinfection process.

**Total Organic Carbon (TOC)** – The measure of the carbon content of organic matter. The measure provides an indicator of how much organic matter is in the water and could potentially react with chlorine to form Disinfection Byproducts (DBPs).

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

**Unregulated Contaminant Monitoring Rule 3 and 4 (UCMR 3 and UCMR 4)** – The UCMR provides the EPA and other interested parties with scientifically valid data on the occurrence of contaminants in drinking water. These data serve as a primary source of occurrence and exposure information that the agency uses to develop regulatory decisions. Unregulated contaminants are those that do not yet have a drinking water standard set by the EPA. The UCMR specifically uses both assessment monitoring of specific chemicals and screening surveys of hormones and cyanotoxins. You can learn more about UCMR 3 by accessing <http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3> and UCMR 4 <http://www.epa.gov/dwucmr/fourth-unregulated-contaminant-monitoring-rule> or by contacting the Safe Drinking Water Hotline at (800) 426-4791. Further, our water system has sampled for specific chemicals that may have not been specifically listed in our water quality report. As our customers, you have a right to know that these data are available. If you are interested in examining the results, please contact Louis Ammon, Manager of Purification, at (412) 243-6212.



Total Coliform Bacteria	Positive result in 5% of monthly samples	0	0% - 0%	0%	2023	N	Naturally present in the environment
-------------------------	--	---	---------	----	------	---	--------------------------------------

**Wilksburg Penn Joint Water Authority PWSID 5020056 January 1, 2023 - December 31, 2023**

**Unregulated Contaminants (UCMR 4) (ppb) 2018-2019**

Entry point to Distribution system							
<b>Cyanotoxins: ( c )</b>							
Total Microcystins	NA	MRL= 0.3			ND	ND	Toxins from cyanobacterial or Harmful algal blooms
Microcysin LA	NA	MRL= 0.008			ND	ND	
Microcysin LF	NA	MRL= 0.006			ND	ND	
Microcysin LR	NA	MRL= 0.02			ND	ND	
Microcysin LY	NA	MRL= 0.009			ND	ND	
Microcysin RR	NA	MRL= 0.006			ND	ND	
Microcysin YR	NA	MRL= 0.02			ND	ND	
nodularin	NA	MRL= 0.005			ND	ND	
anatoxin-a	NA	MRL= 0.03			ND	ND	
cylindrospermopsin	NA	MRL= 0.09			ND	ND	
<b>Metals: ( d )</b>							
Germanium	NA	MRL= 0.3			ND	ND	Naturally occurring, used in producing electronics
Manganese	N	MRL= 0.4			2.6	1.1-3.8	Naturally occurring, used in steel production
<b>Pesticides: ( d )</b>							
alpha-hexachlorocyclohexane	NA	MRL= 0.01			ND	ND	Formerly used as an insecticide
chlorpyrifos	NA	MRL= 0.03			ND	ND	Insecticide, acaricide and miticide
dimethipin	NA	MRL= 0.2			ND	ND	Herbicide and plant growth regulator
ethpprop	NA	MRL= 0.03			ND	ND	Insecticide
oxyfluorfen	NA	MRL= 0.05			ND	ND	Herbicide
profenofos	NA	MRL= 0.3			ND	ND	Insecticide and acaricide
tebuconazole	NA	MRL= 0.2			ND	ND	Fungicide
total permethrin (cis- & trans-)	NA	MRL= 0.04			ND	ND	Insecticide
tribufos	NA	MRL= 0.07			ND	ND	Insecticide and cotton defoliant
<b>Alcohols: ( d )</b>							
1-butanol	NA	MRL= 2.0			ND	ND	Solvent, food additive chemical production
2-methoxyethanol	NA	MRL= 0.4			ND	ND	Used in cosmetics, perfumes, fragrances & lotions
2-propen-1-ol	NA	MRL= 0.5			ND	ND	Used in flavorings, perfumes and other chemicals
<b>Semivolatile Chemicals: ( d )</b>							
butylated hydroxyanisole	NA	MRL= 0.03			ND	ND	Used as a food additive (antioxidant)
o-toluidine	NA	MRL= 0.007			ND	ND	Used in dyes, rubber and pharmaceuticals
quinoline	NA	MRL= 0.02			ND	ND	Used in pharmaceuticals, flavors, and chemical intermediates
<b>Entry point 105 (Purchased water from the Monroeville Water Authority)</b>							
<b>Cyanotoxins: ( c )</b>							
Total Microcystins	NA	MRL= 0.3			ND	ND	Toxins from cyanobacterial or Harmful algal blooms
Microcysin LA	NA	MRL= 0.008			ND	ND	
Microcysin LF	NA	MRL= 0.006			ND	ND	
Microcysin LR	NA	MRL= 0.02			ND	ND	
Microcysin LY	NA	MRL= 0.009			ND	ND	
Microcysin RR	NA	MRL= 0.006			ND	ND	
Microcysin YR	NA	MRL= 0.02			ND	ND	
nodularin	NA	MRL= 0.005			ND	ND	
anatoxin-a	NA	MRL= 0.03			ND	ND	
cylindrospermopsin	NA	MRL= 0.09			ND	ND	
<b>Metals: ( d )</b>							
Germanium	NA	MRL= 0.3			ND	ND	Naturally occurring, used in producing electronics
Manganese	N	MRL= 0.4			1.8	0.0-3.9	Naturally occurring, used in steel production
<b>Pesticides: ( d )</b>							
alpha-hexachlorocyclohexane	NA	MRL= 0.01			ND	ND	Formerly used as an insecticide

chlorpyrifos	NA	MRL= 0.03			ND	ND	Insecticide, acaricide and miticide
dimethipin	NA	MRL= 0.2			ND	ND	Herbicide and plant growth regulator
ethpprop	NA	MRL= 0.03			ND	ND	Insecticide
oxyfluorfen	NA	MRL= 0.05			ND	ND	Herbicide
profenofos	NA	MRL= 0.3			ND	ND	Insecticide and acaricide
tebuconazole	NA	MRL= 0.2			ND	ND	Fungicide
total permethrin (cis- & trans-)	NA	MRL= 0.04			ND	ND	Insecticide
tribufos	NA	MRL= 0.07			ND	ND	Insecticide and cotton defoliant
<b>Alcohols: ( d )</b>							
1- butanol	NA	MRL= 2.0			ND	ND	Solvent, food additive chemical production
2- methoxyethanol	NA	MRL= 0.4			0.42	0.00 - 0.42	Used in cosmetics, perfumes, fragrances & lotions
2-propen-1-ol	NA	MRL= 0.5			ND	ND	Used in flavorings, perfumes and other chemicals
<b>Semivolatile Chemicals: ( d )</b>							
butylated hydroxyanisole	NA	MRL= 0.03			ND	ND	Used as a food additive (antioxidant)
o-toluidine	NA	MRL= 0.007			ND	ND	Used in dyes, rubber and pharmaceuticals
quinoline	NA	MRL= 0.02			ND	ND	Used in pharmaceuticals, flavors, and chemical intermediates
<b>Distribution System: ( e )</b>							
<b>Haloacetic Acids Group (HAA) (HAA 6 Br, Not included in the HAA 5 analysis above):</b>							
Bromochloroacetic Acid	NA	NA			1.79	0.38 - 4.30	By-product of drinking water chlorination
Bromodichloroacetic Acid	NA	NA			2.04	0.00 - 5.30	By-product of drinking water chlorination
Chlorodibromoacetic Acid	NA	NA			0.13	0.00 - 0.75	By-product of drinking water chlorination
Tribromoacetic Acid	NA	NA			ND	ND	By-product of drinking water chlorination
<b>Allegheny River: ( d )</b>							
<b>TOC (UCMR 4 only)(ppm)</b>	NA	NA			2.354	1.981 - 2.767	Naturally present in the environment.
<b>Bromides</b>	NA	NA			0.04	0.02 - 0.05	Wastewater from oil and gas extraction and

- ( a ) All Samples were taken from a targeted sample pool of Tier 1 sites which have or reported to have known lead water lines.  
( b ) As a result of this testing, the Authority attained the highest PADEP cryptosporium bin classification of 1.  
( c ) 8 samples collected biweekly (fortnightly).  
( d ) 4 samples collected quarterly.  
( e ) An average of 8 samples collected over 4 quarters (32 total samples per each parameter)

**In addition to the analyses reported above, the Authority has collected numerous other required samples as listed below.  
All of these analyses were tested below the minimum reporting (detection) level of the testing method:**

**Annual Inorganic Analysis:**

Antimony, Arsenic, Asbestos, Beryllium, Cadmium, Chromium, Cyanide, Mercury, Nitrite, Selenium, Thallium

**Annual Volatile Organic Analyses:**

1,1,1 Trichloroethane, 1,1,2 Trichloroethane, 1,1 Dichloroethene, 1,2,4 Trichlorobenzene, 1,2 Dichlorobenzene, 1,2 Dichloroethane, 1,2 Dichloropropane,  
Benzene, Carbon Tetrachloride, Chlorobenzene, Ethyl benzene, Methylene Chloride, Styrene, Tetrachloroethene, Toluene, Trichloroethene, Vinyl Chloride, Xylenes (total)  
1,4 Dichlorobenzene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, m,p-Xylene, o-Xylene

**Triennial Synthetic Organic Analyses (2 rounds of testing quarterly in 2020):**

Endrin, Lindane, Methoxychlor, Toxaphene, Dalapon, Diquat, Endthall, Glyphosate, Di (2-Ethylhexyl) Adipate, Oxymal (Vydate), Simazine, Di (2-Ethylhexyl) Phthalate,  
Piclorem, Dinoseb, Hexchlorocyclopentadiene, Carbofuran, Atrazine, Alachlor, 2,3,7,8 TCDD (Dioxin), Heptachlor, Heptachlor Epoxide, 2,4 - D, 2,4,5 - TP Silvex,  
Hexachlorobenzene, Benzo(A)pyrene, Pentachlorophenol, PCBs, 1,2-Dibromo, 3-chlororpropane, Ethylene Dibromide (EDB), Chlorodane.

**Radiological Analysis :**

Gross Alpha Particle Activity, Combined Uranium, Gross Beta Particle Activity  
Radium 226, Radium 228 (2017)