



Microbiological Contaminants

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
Total Coliform Bacteria (Finished Water)	No	0	N/A	0	presence of coliform bacteria in 5% of monthly samples
Fecal Coliform and <i>E.coli</i> Bacteria (Finished Water)	No	0	N/A	0	a routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive
Turbidity (NTU) (Finished Water)	No	0.03	0.02-0.05	N/A	TT = 1 NTU For a Single Measurement

Data presented in the above table is from calendar year 2024 monitoring performed in accordance with the regulations of the Pennsylvania Department of Environmental Protection. Coliform bacteria, disinfection residual and turbidity are monitored on a continuous basis and reported monthly.

100% of all turbidity samples were below 0.1 NTU. As a member of the Partnership for Safe Drinking Water, our goal is to maintain turbidity levels below 0.1 NTU. This was achieved throughout 2024.

Raw water monitoring for Giardia and Cryptosporidium was performed in April, June, September and December 2024. Giardia was detected in 1 out of 4 samples. Cryptosporidium was detected in 0 out of 4 samples.

Likely Sources of Contamination:

Turbidity: Soil runoff.

Giardia and Cryptosporidium: Naturally present in the environment.



Disinfectants and Disinfection By-Products

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
Chlorine Residual (mg/L) Entry Points	No	1.69	1.44-1.79	4	4
Bromate (ppb)	No	1.9	0-6.2	0	10

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*Maximum Residual Disinfectant Level Goal (MRDLG).

** Maximum Residual Disinfectant Level (MRDL).

Likely Sources of Contamination

Bromate: By-product of drinking water disinfection

Chlorine: Water additive used for disinfection.



Inorganic Contaminants

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
Barium (ppm)	No	0.016	N/A	2	2
Fluoride (ppm)	No	0.109	N/A	2	2
Nitrate (as Nitrogen) (ppm)	No	0.461	0.282- 0.726	10	10

Antimony (ppb)	No	0	N/A	6	6
Arsenic (ppb)	No	0	N/A	N/A	10
Asbestos (MFL) Million Fibers per Liter (12/2021)	No	0	N/A	7	7
Beryllium (ppb)	No	0	N/A	4	4
Cadmium (ppb)	No	0	N/A	5	5
Chromium (ppb)	No	0	N/A	100	100
Cyanide (ppb)	No	0	N/A	200	200
Mercury (inorganic) (ppb)	No	0	N/A	2	2
Nickel (ppb)	No	0	N/A	N/A	N/A
Nitrite (as Nitrogen) (ppm)	No	0	N/A	1	1
Selenium (ppb)	No	0	N/A	50	50
Thallium (ppb)	No	0	N/A	0.5	2

Unless otherwise noted, data presented in the above table is from calendar year 2024 monitoring performed in accordance with the regulations of the Pennsylvania Department of Environmental Protection.

Likely Source of Contamination

Barium: Discharge of drilling wastes, discharge from metal foundries, erosion of natural deposits.

Fluoride: Erosion of natural deposits; Discharge from fertilizer and aluminum factories.

Nitrate (as Nitrogen): Runoff from fertilizer use; leaking septic tanks; erosion of natural deposits.



Polyfluoroalkyl Substances (PFAS)

Contaminant (Unit of Measurement)	Highest RAA	Average of all Results	Range	MCLG	MCL
Perfluorooctanoic Acid (PFOA) ppt (ng/L)	2.7	2.1	0-2.9	8	14

Data presented in these tables are from 2024 monthly finished water monitoring at FPW.

Note: Compliance is based on Running Annual Average (RAA).
Minimum Reporting Limit (MRL) for Pennsylvania DEP is 5 ng/L.
All results are less than the MRL for state reporting.

Polyfluoroalkyl Substances (PFAS)

PA-DEP Compliance Monitoring – All results below reporting limits. (Non-Detect)

Perfluorooctanesulfonic acid (PFOS)

Hexafluoropropylene oxide dimer acid (HFPDA)(GenX)

Perfluorobutanesulfonic acid (PFBS)

Perfluorohexanesulfonic acid (PFHxS)

Perfluorononanoic acid (PFNA)

Perfluoroheptanoic acid (PFHpA)

***Sources of Contamination:** Synthetic chemical and does not occur naturally in the environment. Used in a wide range of consumer products and industrial applications including: non-stick cookware, water-repellent clothing, stain-resistant fabrics and carpets, cosmetics, firefighting foams, electroplating, and products that resist grease, water, and oil.

"Sources of contamination language was taken from UCMR 5 EPA Overview Fact Sheet and PA DEPs Tier 2 PN PFOS/PFOA Template - currently DEP does not have any language posted in the current CCR guidance document of 1/2025"



Synthetic Organic Contaminants including Pesticides & Herbicides

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
1,2-Dibromo-3-chloropropane (ppb)	No	0	N/A	0	2
2,4-D (ppb)	No	0	N/A	70	70
2,4,5-TP (Silvex) (ppb)	No	0	N/A	50	50
Alachlor (ppb)	No	0	N/A	0	2
Atrazine (ppb)	No	0	N/A	3	3
Benzo(a)pyrene (PAH) (nanograms/L)	No	0	N/A	0	200
Carbofuran (ppb)	No	0	N/A	40	40
Chlordane (ppb)	No	0	N/A	0	2
Dalapon (ppb)	No	0	N/A	200	200
Dicamba (ppb)	No	0	N/A	N/A	N/A
Di(2-ethylhexyl) adipate (ppb)	No	0	N/A	400	400
Di(2-Ethylhexyl) phthalate (ppb)	No	0	N/A	0	6
Dinoseb (ppb)	No	0	N/A	7	7
Dioxin [2,3,7,8-TCDD] (ppb)	No	0	N/A	0	0.03
Diquat (ppb)	No	0	N/A	2	2
Endothall (ppb)	No	0	N/A	100	100
Endrin (ppb)	No	0	N/A	2	2
Ethylene Dibromide (ppb)	No	0	N/A	0	0.5
Glyphosphate (ppb)	No	0	N/A	70	70
Heptachlor (nanograms/L)	No	0	N/A	0	400
Heptachlor epoxide (nanograms/L)	No	0	N/A	0	200
Hexachlorobenzene (ppb)	No	0	N/A	0	1
Hexachlorocyclo- pentadiene (ppb)	No	0	N/A	50	50
Lindane (nanograms/L)	No	0	N/A	200	200
Methoxychlor (ppb)	No	0	N/A	40	40



Synthetic Organic Contaminants including Pesticides & Herbicides (Continued)

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
Oxamyl [Vidate] (ppb)	No	0	N/A	200	200
Pentachlorophenol (ppb)	No	0	N/A	0	1
Picloram (ppb)	No	0	N/A	500	500
Polychlorinated Biphenyls (PCBs) (ppb)	No	0	N/A	0	0.5
Simazine (ppb)	No	0	N/A	4	4
Toxaphene (ppb)	No	0	N/A	0	3

Data presented in the above table is from calendar year 2024 monitoring performed in accordance with the regulations of the Pennsylvania Department of Environmental Protection.



Unregulated Contaminants Monitoring Rule (UCMR5)

UCMR5 - Sampling results listed below are from April 2024 to January 2025.
All results were below the reporting limits (Non-Detect).

11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)	perfluoroheptanoic acid (PFHpA)
1H,1 H, 2H, 2H-perfluorodecane sulfonic acid (8:2FTS)	perfluorohexanesulfonic acid (PFHxS)
1H,1 H, 2H, 2H-perfluorohexane sulfonic acid (4:2FTS)	perfluorohexanoic acid (PFHxA)
1H,1 H, 2H, 2H-perfluorooctane sulfonic acid (6:2FTS)	perfluorononanoic acid (PFNA)
4,8-dioxa-3H-perfluorononanoic acid (ADONA)	perfluorooctanesulfonic acid (PFOS)
9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9C1-PF3ONS)	perfluorooctanoic acid (PFOA)
hexafluoropropylene oxide dimer acid (HFPO-DA)(GenX)	perfluoropentanesulfonic acid (PFPeS)
nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	perfluoropentanoic acid (PFPeA)
perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	perfluoroundecanoic acid (PFUnA)
perfluoro-3-methoxypropanoic acid (PFMPA)	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)
perfluoro-4-methoxybutanoic acid (PFMBA)	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)
perfluorobutanesulfonic acid (PFBS)	perfluorotetradecanoic acid (PFTA)
perfluorobutanoic acid (PFBA)	perfluorotridecanoic acid (PFTrDA)
perfluorodecanoic acid (PFDA)	Lithium
perfluorododecanoic acid (PFDoA)	
perfluoroheptanesulfonic acid (PFHpS)	



FOREST PARK WATER
CLEARLY TH

Volatile Organic Contaminants

Contaminant (Unit of Measurement)	Violation Yes/No	Level Detected	Range	MCLG	MCL
Benzene (ppb)	No	0	N/A	0	5
Carbon tetrachloride (ppb)	No	0	N/A	0	5
Chlorobenzene (ppb)	No	0	N/A	100	100
o-Dichlorobenzene (ppb)	No	0	N/A	600	600
p-Dichlorobenzene (ppb)	No	0	N/A	75	75
1,2 – Dichloroethane (ppb)	No	0	N/A	0	5
1,1 – Dichloroethylene (ppb)	No	0	N/A	7	7
cis-1,2- Dichloroethylene (ppb)	No	0	N/A	70	70
trans 1,2-Dichloroethylene (ppb)	No	0	N/A	100	100
Dichloromethane (ppb)	No	0	N/A	0	5
1,2-Dichloropropane (ppb)	No	0	N/A	0	5
1,2-Dichlorobenzene (ppb)	No	0	N/A	600	600
1,4-Dichlorobenzene (ppb)	No	0	N/A	75	75
Ethylbenzene (ppb)	No	0	N/A	700	700
Methyl tertiary butyl ether (MTBE**) (ppb)	**	0	**	**	**
Methyl Chloride (ppb)	No	0	N/A	0	5
Styrene (ppb)	No	0	N/A	100	100
Tetrachloroethylene (ppb)	No	0	N/A	0	5
1,2,4-Trichlorobenzene (ppb)	No	0	N/A	70	70
1,1,1 – Trichloroethane (ppb)	No	0	N/A	200	200
1,1,2 –Trichloroethane (ppb)	No	0	N/A	3	5
Trichloroethylene (ppb)	No	0	N/A	0	5
Toluene (ppm)	No	0	N/A	1	1
Vinyl Chloride (ppb)	No	0	N/A	0	2
Total Xylenes (ppm)	No	0	N/A	10	10

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** MTBE is a non-regulated contaminant that is monitored routinely at Forest Park and the North Wales Water Authority.