

City of Stillwater, MN

PFAS-TARGETED WATER SYSTEM UPGRADES

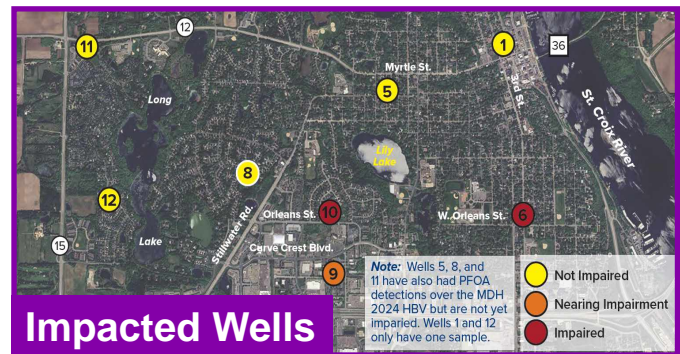
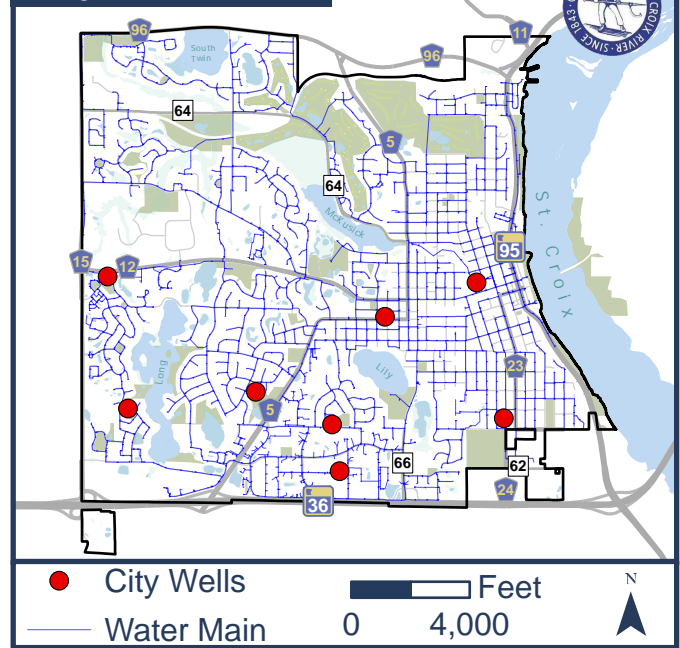
Project Goals:

- 1 Accelerate water treatment solutions for 2 wells that currently exceed the EPA MCL for PFAS contamination
- 2 Evaluate water treatment options for all wells that are above Minnesota Dept of Health Health-Based Values for PFAS
- 3 Strategic water treatment for emerging contaminants of concern

Proposed Improvements

- 1 Design and construct up to three water treatment plants
- 2 Install new water mains and necessary supporting infrastructure
- 3 Equip facilities to remove PFAS contamination from city wells

Project Location



Well #6								
Date	PFOS ppt	PFOA ppt	PFBS ppt	PFBA ppt	PFHxS ppt	PFHxA ppt	HFPO-DA (GenX) ppt	PFNA ppt
3/11/2024	10	2.9	2.1	110	7.6	2.1	0.0	0.0
11/13/2023	11	3.2	2.3	120	8.0	2.2	0.0	0.0
8/16/2023	14	2.7	2.2	100	8.5	1.9	0.0	0.0
4/27/2023	15	3.4	2.5	100	9.3	2.3	0.0	0.0

Well #9								
Date	PFOS ppt	PFOA ppt	PFBS ppt	PFBA ppt	PFHxS ppt	PFHxA ppt	HFPO-DA (GenX) ppt	PFNA ppt
3/11/2024	0.0	3.5	0.0	110	2.3	0.0	0.0	0.0
11/13/2023	0.0	3.4	0.0	120	2.2	1.9	0.0	0.0
8/16/2023	0.0	3.0	0.0	110	2.5	0.0	0.0	0.0
4/27/2023	0.0	3.4	0.0	110	2.3	1.8	0.0	0.0



Water System

The City of Stillwater ensures access to clean and safe drinking water for its community, serving approximately 19,000 residents through its municipal water system.

Total Cost

\$40 Million

Requesting

\$33 Million

Well #10								
Date	PFOS ppt	PFOA ppt	PFBS ppt	PFBA ppt	PFHxS ppt	PFHxA ppt	HFPO-DA (GenX) ppt	PFNA ppt
3/11/2024	4.7	4.3	2.1	110	6.6	2.3	0.0	0.0
11/13/2023	4.7	4.3	2.1	130	7.0	2.2	0.0	0.0
8/16/2023	4.3	3.8	1.8	110	6.2	2.0	0.0	0.0
4/27/2023	4.4	4.2	1.9	120	6.7	2.2	0.0	0.0

City Wells: 8

City Wells with PFAS: 6

Pipeline Length: 106 mi

Residents Served: 19k

Facts:

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