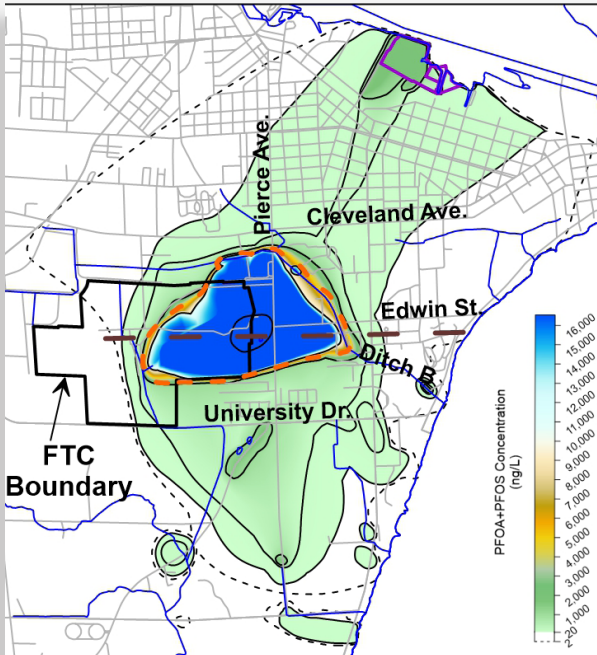


# Groundwater Extraction & Treatment System (GETS) The Construction Phase



## SITE INVESTIGATION FINDINGS

Together with scientists and engineering experts, we collected and analyzed over **10,000 data points** from air, soil, groundwater and surface water in the Marinette/Peshtigo area and found:

- **Where** - AFFF with PFAS traveled from the FTC primarily east toward Ditch B.
- **How** - PFAS seeped from the FTC soil into the groundwater that upwells into surface water in Ditch B.

We shared our data & analysis with the WDNR, as well as the public via the project website ([www.tycomarinette.com](http://www.tycomarinette.com)) and community presentations.



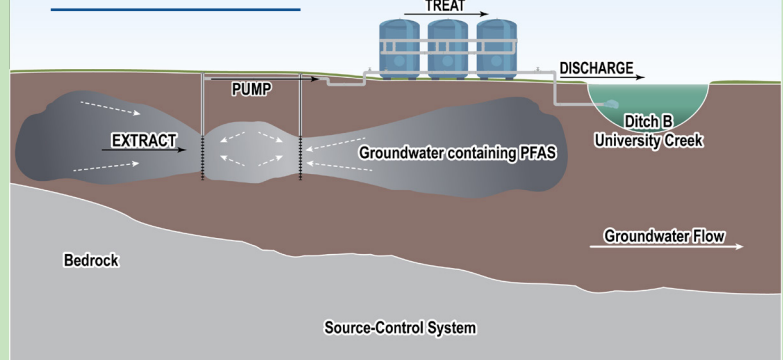
**Blue** shows where 95% of the PFAS from the FTC is in the groundwater plume. **Green** shows plume area with dispersed, lower levels of PFAS.

## SITE REMEDIATION ACTION

### Removing PFAS at the Source

GETS extracts groundwater containing PFAS before it upwells into Ditch B, transports groundwater via underground pipes to the treatment system that removes PFAS from groundwater and delivers water that meets or exceeds DNR standards into Ditch B.

## HOW IT WORKS



## GETS Design Objectives

(in RADR report submitted to WDNR & conditionally approved May 18, 2021)

- Reduce upwelling of PFAS-impacted water into Ditch B
- Treat the recovered groundwater and remove PFAS to below regulatory levels
- Reduce PFAS-mass flux throughout the groundwater plume

## WHAT GETS WILL ACHIEVE

The GETS is designed to focus on the area currently shown to contain 95% of the PFAS that came from the FTC over the decades. The PFAS is concentrated in groundwater on the FTC and heading toward Ditch B and the expected capture zone of the GETS. That's the design. Real-world operation will tell us how long it will take to achieve objectives and what if any additional measures might be necessary in this area or other areas of the plume.

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## GETTING TO SAFE GROUND & SURFACE WATER



9 wells extract impacted groundwater & underground pipes convey to treatment system on FTC. Safe water meeting or exceeding DNR standards discharged at outfall.

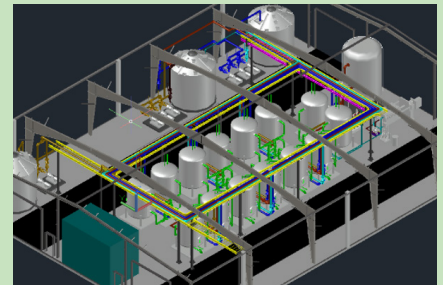
### WHAT CONSTRUCTION WILL ENTAIL

#### IMPACT

- Lions share of construction in rights-of-way and at Tyco FTC
- Minimal interference with traffic
- Construction site safety & housekeeping is a priority
- Updates on construction activity will be posted at tycomarinette.com website and City of Marinette websites

#### KEY PROJECT ELEMENTS

- Long-Term Monitoring Wells & Ditch Gauges
- Access Road
- Conveyance Pipes
- Extraction Wells
- Treatment Building



Work is underway and GETS is expected to be operating by the end of 2021 and fully operational by the first half of 2022.