



City Council  
**QUARTERLY  
UPDATE**

*and*  
**GELMAN PLUME  
1,4-Dioxane**

## Sentinel Monitoring Well Investigation Updates

Between July and December 2019, the City of Ann Arbor evaluated locations to install sentinel monitoring wells between the north edge of the Prohibition zone and Barton Pond. This work is part of the city’s approach to ensure the city’s surface water supply is protected from contamination. Below is the City Council January – March 2020 quarterly project update.

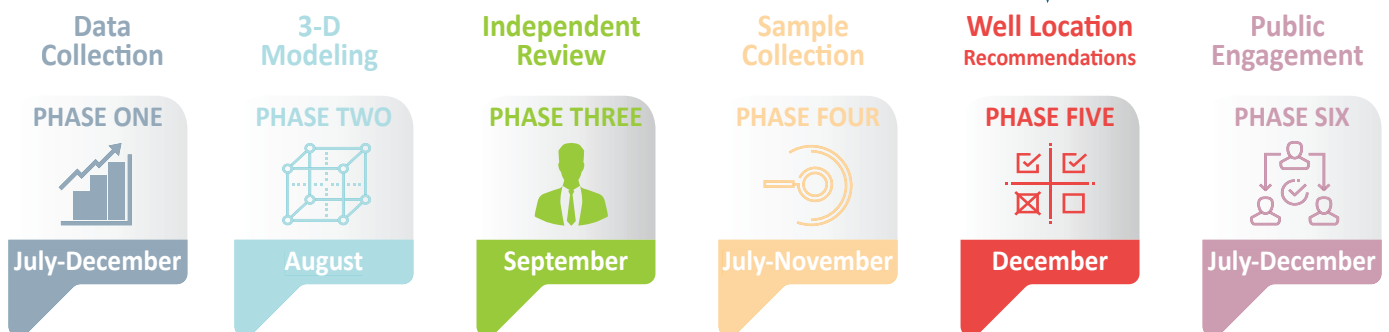
### Current Project Status

- Tetra Tech has completed all phases of the investigation with the exception of obtaining monitoring well samples from select wells. Access was denied by Danaher Corporation. Tetra Tech finalized the Sentinel Monitoring Well Location Report which is located on the city’s website.
- Tetra Tech has completed a detailed proposal and scope of work for the installation of the sentinel monitoring wells described in the October 28, 2019 Listening Session held at City of Ann Arbor Council Chambers. This is currently under review and consideration.

### Next Steps

- City of Ann Arbor is reviewing the proposal and scope of work for the installation of sentinel monitoring wells.

**WHERE  
ARE WE  
NOW?**



# Agency Updates

## EGLE<sup>1</sup> / CARD

- CARD meetings were held on January 7th, February 4th and March 3rd. The February meeting was a quarterly meeting.
- EGLE continues to monitor the well trend analysis and review the report provided from Gelman. Preliminary results of EGLE's analysis will be discussed with Gelman when completed.
- EGLE and Washtenaw County Health Department have added a 1,000-foot buffer around any residential well location that has a detection of 1,4-dioxane. If detected, any wells within 1,000-feet will also be sampled and analyzed.
- EGLE released a document entitled *Quarterly Other Cleanup Authority Report – Summary of Recent Activities and Response Actions – December 2019*; summarizing the activities between May and December 2019. EGLE released residential well results under 'Recent Analytical Data' on the state's repository.
- The Quarterly CARD meeting schedule has changed, in order to avoid summer vacations and the November election. The Quarterly meetings for 2020 are February, June, September and December.
- Rehabilitation of extraction well was completed during February and March 2020.

<sup>1</sup> Michigan Department of Environment, Great Lakes, and Energy

<sup>2</sup> National Pollutant Discharge Elimination System

## SUPERFUND DISCUSSION

- On January 16, 2020 Congresswoman Debbie Dingell facilitated a community meeting with federal, state and local officials. Representatives of EPA and EGLE were present for responding to questions from local units of government and the general public, in an effort to help make a decision on how to move forward.
- Key points:
  - EPA addressed potential timelines. These are expected to be lengthy and could take decades.
  - EPA Region 5 Superfund Acting Deputy Director Joan Tanaka indicated that it could take 30 years to do the actual cleanup.

On March 2, City Council voted to delay consideration of a Superfund resolution requesting EPA intervention to April 20th.

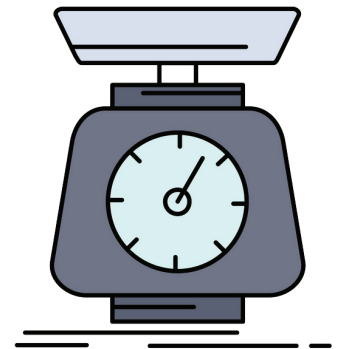
## NPDES<sup>2</sup> PERMIT

- EGLE has completed a draft of the NPDES permit and it was in review at EGLE as of the March 3, 2020 CARD meeting.
- EGLE has 180 days after determining completeness of application to issue or deny. There has been no significant update on this.
- Public notice period is for 30 days and a public hearing can be requested.
- If a public hearing occurs it will add time to the schedule.

# Pall Groundwater Treatment Updates

Total Volume of Groundwater Treated  
1st Quarter 2020

**65,504,672 gallons**



Mass of  
1,4 Dioxane Removed

January: 62.44 lbs  
February: 59.28 lbs  
March: **62.66 lbs**  
**Total: 177.03**

*The mass calculations were determined from the NPDES monthly discharge reports using the maximum daily influent concentration and maximum daily effluent concentrations.*

*The volume was calculated from the average monthly flows in the monthly discharge report.*

## Next Quarterly Report

Due July 2020

- Superfund Decision
- CARD Updates
- NPDES Permitting Progress