



City Council
**QUARTERLY
UPDATE**

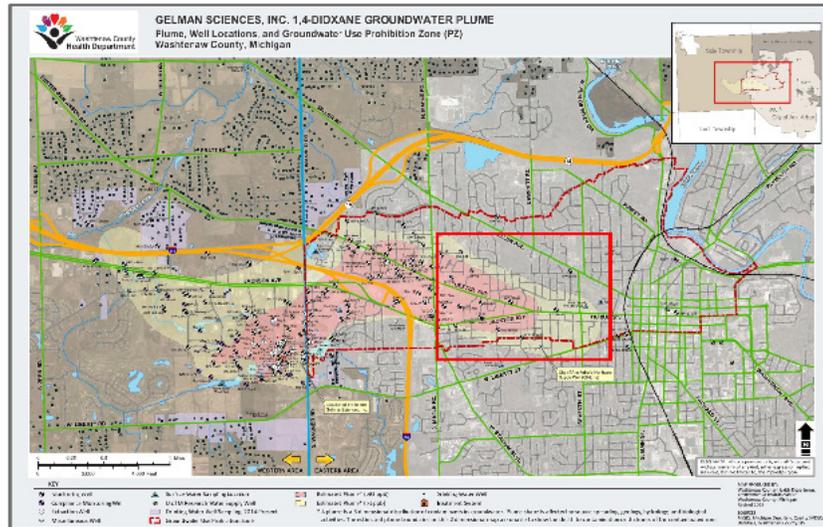
and
**GELMAN PLUME
1,4-Dioxane**

Wet Basement Testing for 1,4-Dioxane

In September 2020, the City provided details of the wet basement testing for 1,4-dioxane in a presentation that served as the project kickoff. Homes at the leading edge of the 1,4-dioxane plume footprint where there is potential for shallow groundwater were evaluated for eligibility. Resident candidates in this area were contacted directly by mail in the fall with project participant details. When homes with basement sumps in this project area are wet with standing water, homeowners can contact Tetra Tech (consultant to City of Ann Arbor) to sample the water in the sump of their basement for 1,4-dioxane. The samples are submitted to a laboratory and the sample results are shared with the homeowner, City of Ann Arbor and potentially with Washtenaw County Health Department and State agencies. The data obtained from this project will help to gain an understanding if the wet basements contain 1,4-dioxane, at what concentrations and determine if there is an exposure risk that needs further delineated.

More information on the wet basement testing for the dioxane project can be found on the City of Ann Arbor’s website:

<https://www.a2gov.org/departments/water-treatment/Pages/1,4-Dioxane-Wet-Basement-Testing.aspx>



MS4 Permit

- Concentrations of 1,4-dioxane entering the Allen Creek Drain stormwater system have increased since 2017 surrounding West Park area. One location in particular has increased from 4.4 ppb in 2017 to 49 ppb in sampling completed during the fall of 2020.
- The Allen Creek Drain stormwater system is part of Washtenaw County’s Municipal Separate Storm Sewer System (MS4).
- Based on the increased concentrations of 1,4-dioxane into the Allen Creek Drain stormwater system, the Washtenaw County Water Resources Commissioner’s Office (WCWRC) sent Gelman a ‘corrective action required’ notice to resolve this illicit discharge into the Allen Creek Drain.
- A meeting is being coordinated between EGLE Remediation and Redevelopment Division, EGLE Water Resources Division, WCWRC and Gelman personnel.

Agency Updates

SETTLEMENT UPDATE

Since the spring of 2017, a proposed fourth amendment to and restatement of the Consent Judgment has been under negotiation between Gelman, EGLE, the City of Ann Arbor, Washtenaw County and its Health Department, Scio Township and the Huron River Watershed Council.

October 20, 2020 – During the Ann Arbor City Council Meeting City Council voted 7-4 to reject the settlement.

December 2020 – The Governor was sent a letter by the City of Ann Arbor formally requesting she send a letter of concurrence to EPA in support of EPA involvement.

New Dates for court decision:

- On February 4, 2021, at a hearing on Gelman’s motion to stay the court hearing previously set for March 22-23, 2021, the court did not rule on the motion for stay but instead informed the parties he wanted briefs in response to Gelman’s motion for reconsideration of the Court’s Order that set the March 22-23 hearing.
- The hearing on the motion for reconsideration will be held March 22, 2021.

EGLE¹ / CARD

- CARD meetings were held on October 6, 2020, November 11, 2020, December 1, 2020, January 5, 2021 and February 2, 2021. Due to impacts of coronavirus, the meetings are held virtually through Zoom.
- EGLE is continuing their review of the monitoring well trend analysis and replacement of compliance wells needed but are essentially waiting on determination of the Fourth Consent Judgment to act.
- The state toxicologists provided further clarification of the 29 ppb vapor instruction screening level number indicating it is a site-specific number for the Gelman plume based on the EPA review. It is not promulgated in law and there is no need to promulgate it.
- The next scheduled meeting is a CARD/EGLE quarterly meeting held on March 2, 2021 at 10AM via zoom. Additional personnel from EGLE will be present for the meeting.

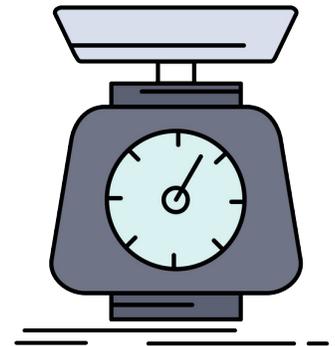
¹ Michigan Department of Environment, Great Lakes, and Energy

² National Pollutant Discharge Elimination System

Pall Groundwater Treatment Updates

Total Volume of Groundwater Treated 4th Quarter 2020

63,698,700 gallons



Mass of 1,4 Dioxane Removed

October: 60.98 lbs
November: 64.27 lbs
December: 60.29 lbs
Total: 185.54

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.

NPDES² PERMIT

- EGLE is currently reviewing the NPDES permit application that was submitted on April 4, 2019.
- 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.
- At the 11/5/2019 CARD meeting a representative for State of Michigan’s Permitting section addressed that the state is experiencing a severe backlog reviewing NPDES permits. Responsible parties are obligated to comply despite permit expiring in October 2019.

Next Quarterly Report Due April 2021

- Basement Sampling Update
- CARD Updates
- NPDES Permitting Progress
- Settlement Update