

CARD Minutes
November 1, 2022
Zoom meeting
[20221101 CARD Monthly Meeting via Zoom](#)

The meeting was called to order by Roger Rayle at 6:04

The October Minutes were approved by the Board.

Old Business/ Action Items:

Dan Hamel mentioned that there is nothing new with releasing information from the Confidentiality Agreement. Jack Eaton asked if the AG had been asked about this information, and Dan said, no, but he would ask about that.

There was a meeting about the MS4 violation/ GSI work plan (for the Allen Creek downgradient 1,4 dioxane) and they are being worked on together and working on both directions, separately. EGLE has a response to the polluter work plan for the GSI, and this response should be sent before Thanksgiving. Vince Caruso asked if the new GSI will be 2800 ppb, with the new decision that the CJ3 is in effect? Dan said yes, for now, but they are working on getting it down to current state standards of 280 ppb. Vince is concerned about the exposure possibility being significant where near surface groundwater. Glen Hendrix asked about the Western GSI work plan and Dan stated this is also being worked on between EGLE and Gelman in the western area.

Patti McCall said the crews started today on the Sentinel Well being placed in Garden Homes Park, north of Miller.

No update on Superfund site update.

There is no update on the Intervenor status in the lawsuit, and it appears the Intervenors will not be filing an appeal.

Kathy Knol said they are done with the Scio Twp homeowner well testing.

Kathy Knol stated that there will be a meeting with the developers/ Scio reps/ planning commission/ utilities staff with Larry Lemke in late November on the proposed KOC development. Larry will be advising them all on a hydrology study he would like to see regarding effects of an onsite sewer. Roger asked if they were looking into the sewer and not drinking water well. She stated that the current proposal has them tying in to municipal water, and this is all not approved yet and the Township board has not discussed this yet.

Kathy Griswold had some input on staying on the Agenda for the first hour of these meetings, but we get sidetracked and maybe an informal second hour.

We had asked Dan to give us a total cost that EGLE and the Washtenaw County test for 1,4 dioxane in homeowner wells and it is just about \$40,000 for next year.

Discussion on whether the CARD group wants to continue with Zoom meetings vs hybrid vs in person. We decided Kathy Knol was going to check on availability for next April, May and June in the Scio Twp Chambers. Most want to continue on Zoom, it gives access to more members to attend and maybe try once or twice a year in person? We will make a decision next month when Kathy finds out availability of the meeting room. We could hold an annual Town

Hall type format with all residents and Q and A? Maybe an Earth Day meeting in the spring?
We decided to keep Zoom for the next 6 months.

Rita Loch-Caruso and Bob Bailey had their publications published on the Gelman 1,4-dioxane contamination. She put the link for these in the chat. They will soon get a shared link, where for 50 days anyone can get the complete journal. This is great news that both these articles that were published, discussing human exposure of the toxic contamination/ Gelman plume. This opens some opportunities to be recognized at Yale's Superfund Research Program and Advisory Committee (Rita will be serving on this committee), which will be studying human effects of dioxane contamination.

EGLE Updates:

Dan Hamel showed us recent work progress on a map. Gelman is still trying to get access for some new monitoring wells. They are unsure if they will install all MW's, since there is no Response Activity Order and thus are not required. They are backing off some items and they have backed off the Parklake Extraction Well. Roger asked about positive dioxane hits when they vertical profile sample these drill sites. MW-148 was positive up to 1.5 ppb. Roger asked when we should be expected to get all these well logs? Dan is hoping for them soon, and he will post when he receives them. Gelman is doing the one phytoremediation area that was already planned, but are backing off on a second one in the marshy area. They may not do the heated soil remediation area in the burn pit. EGLE is trying to get Gelman to do all the items from the last Order, but so far they are not required to do these.

In 2023, EGLE and Washtenaw Co will sample 244 homeowner wells. It has been expanded to reflect the new Scio area that had positive wells.

NPDES for Honey Creek has no new information. The Parklake one is "on hold".

Surface waters will be sampled tomorrow and the next day, while it's dry.

Dan is entering the Scio Twp data of positive well readings into EGLE's database by the end of the year.

Chair Updates:

[11/01/2022 CARD Meeting-Chair notes](#)

Roger shared slides and discussed getting good reliable data. If we don't have the data, we don't know what is going on underground with our waters of the state. It's concerning that the polluter can delay or refuse to share data. He showed us the Tableau Public charts and the progression of contamination, down through the aquifers. It spread outward (from the Gelman site) and downward (to deeper aquifers), especially in finger-like projections of movement.

There is still lots of dioxane in the ground and we need the enforcement capabilities of the EPA to get this cleaned up,

Using Google Earth, he showed us all the positive ppb hits over time in the aquifers. The recent Scio homeowner sampling hits at low ppb levels all seem to be in a deeper elevation range heading straight north to the river following along an ancestral streambed or two that led to the current surface tributaries. The hit on the new MW-148 well reinforces this. These township wells are screened deeper than the surface of the Huron River. The dioxane there may meander along underneath the Huron River and come up downstream maybe at Barton Pond.

Roger showed the well sampling from the 1995 Gelman dataset, most of which are not in the current Gelman database. He also showed all of the Scio and Ann Arbor Township wells that could be at risk as the dioxane continues to spread northward. He listed other datasets that are not in the current Gelman database. He hopes the EPA considers all of the data.

He said that when it comes to “forever” chemicals like dioxane, they can migrate with the water through “unusable” to “usable” aquifers.

We presented the Resolution that James D’ Amour presented to CARD. There was a typo from last month, and we will vote on it again and hopefully we may have a new State Legislature to do more enforcement of the Polluter Pay laws. Beth will circulate this again to all eligible voters.

Rita Loch-Caruso said she may look into MiCares at UM to see if they are interested in the environmental impacts of the Gelman plume.

The meeting was adjourned at 7:58 pm

Minutes were compiled by Beth Collins, CARD secretary