

CARD Meeting Minutes
January 3, 2023
Via Zoom
[20230103 CARD Monthly Meeting via Zoom](#)

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

The December Minutes were approved by the Board, after a couple changes by Mike Moran.

US EPA Update-

Dan Bicknell said that the EPA sent a status report about the completion of the site investigation field phase (this was shared with the CARDcore email list) and they hope to have a site investigation report by mid March. This will give us a Hazardous Ranking Score (last time was a 50) and that would have them make a determination on if this site should be a Superfund Site.

EGLE Updates-

Dan Hamel said that there is no information on the data that CARD wishes to be shared with the public.

He stated that there is no Dispute Resolution, but they are attempting to update the current CJ (3rd) and are currently discussing with Gelman the updating of the drinking water criteria. Dan Bicknell asked him what the process was for EGLE working with the polluter and if there was a timeline. Dan said no, there is not one, but negotiations have started. Rita Loch-Caruso asked about more MW's to be added to the discussions. Dan said this is part of the discussion and involves MW's in the eastern and western areas. Vince Caruso asked Dan to clarify that they are trying to get the 7.2 ppb drinking water and 280 ppb for gsi to bring it to state standards. EGLE will act on anything over those amounts, even though they cannot make the polluter do it, yet. Vince mentioned the EPA criteria and how much lower it is than the State. Dan Bicknell told us that the State Drinking Water and Environmental Health division is responsible for providing water when a home goes above these numbers. This is a different division than Dan Hamel and RRD.

MS4/ GSI in the Allen Creek Drain. Dan Hamel said these have been split/ separated under the two different divisions. Evan Pratt sent Gelman a letter on December 15 that they are still in violation of the MS4 and should work with WRD directly to eliminate this illicit discharge. Kathy Griswold mentioned that this letter separates the Allen Creek violation from the CJ3, which is significant. Vince reminded us about Dr Bailey's study on liquid vapor intrusion and this contamination near homes with possible human exposures. The GSI work plan is being looked at by RRD and Dan. EGLE is submitting concerns back to Gelman and insufficient items. They have not received a new work plan from Gelman and will see if they have it by the end of January. Eric Lipson asked about possible human contact with the Allen Creek surface waters. Dan stated that there are only low levels and the criteria for the State is 280 ppb. Beth mentioned the discharge point of the Allen Creek drain into the HR and near Argo cascades where many humans have contact with the water. Dan Hamel said that is part of the GSI work

plan and it would be 280 ppb. Dan Bicknell that in part 201 rules there can be a GSI interface number even higher than 280 ppb and what Gelman is trying to apply (mixing zone).

Dan Bicknell mentioned the MW's that Gelman has decided to NOT complete near this area.

Gelman has been completing some of the work they were doing and has held back on some others which are not enforceable in the Court order. He showed us which MW's they are finishing and which they are holding back on completing. They are completing the Rose Well Extraction well, but are not doing the Parklake Extraction well at First Sister Lake. Once these MW's are installed, EGLE will come up with a monitoring plan.

Homeowner well testing for 2023 will be approximately 244 wells. They added wells into the Scio twp area based on the last year results from the township. This will begin in April and be completed by August. With the new Ann Arbor township tests, there will be more additional testing. Vince mentioned that we should be testing all homes where there could be homeowners drinking any dioxane. Dan stated that the EGLE and Health Dept use the 7.2 ppb criteria and they cannot and will not test every well. Rita Loch- Caruso is very disappointed that we are using homeowner wells at sentinel wells to find this dioxane movement.

NPDES update on the renewal of Honey Creek and he has no new information.

Ann Arbor Township and the Blueberry Lane testing was split sampled and all results are non detect. EGLE provided bottled water to this home since the initial test was 9.1 ppb. This well will be sampled once a month for the next three months and reevaluate what this data indicates. Rita Loch-Caruso asked about the inhalation of dioxane water during showering. Dan Bicknell mentioned that the state has a value of 230 ppb for dermal contact and showering, but Rita mentioned the inhalation again into the lungs and that this is concerning.

Old Business/ Action Items-

Patti McCall had no update on the Ann Arbor Sentinel Wells.

There is no intervenor update. There was an initial meeting with Judge Connors and the intervening local units of government, but there is no new information.

Scio has completed their homeowner well sampling and it is doubtful they will do anymore testing this year.

Kathy Knol mentioned that there was a meeting on the KOC proposed development with the planning commission and Larry Lemke. The developers have been told that the hydro-geologic study will be needed. There is a meeting scheduled on this issue and this was not known to Kathy or the township planner.

Mike Moran added to the Blueberry Lane drinking water and the split sample done on this home. The township will continue to split samples for the next three months. Dan Bicknell and Mike are working on a list of other homes to test next and advocating for this to the Township board. This brings up a number of other questions, such as how WRD determines how long they will provide bottled water and under what criteria of fluctuation? Jack Eaton mentioned how important this is to test other homes on this potential pathway towards the HR and thanked the Township for doing more testing.

Beth mentioned that we have to decide who to send the passed Polluter Pay Resolution to. Jack and James D' Amour will help Beth get the names and addresses of our elected officials to send it to.

Chair Notes- [\[01/03/2023 CARD Meeting-Chair notes\]](#)

Roger showed us the Ann Arbor Township “hits” on homeowner wells and the Scio Twp wells and the correlation to the glacier pathways where the dioxane is flowing. The positive wells tend to be deeper and with the screened elevation, Roger has mapped these and showed us.

EGLE and the County said in the past that they will be sampling homeowner wells 1000 feet outward from the positive readings. Roger is trying to map this and gather all the data, but there have been challenges with street names being inconsistent in the different well logs. There are many gaps in the data collected and the homeowner should be asked if they have had their wells tested before. Dan Bicknell mentioned that when these wells were tested and chosen, the County does have records of permits (paper) from initial well placement. Roger mentioned this is double the work. Why is it not already in the combined EGLE database? Dan said it's in spreadsheet form and Roger mentioned that he would like this.

Roger suggested that EGLE sort their quarterly reports by a consistent method, like year, month, date. Dan Hamel said he will pass this on. Roger also hopes that Dan can suggest that the website for “users”, ask the users what they would like to see in the website.

Roger would like us to start thinking about.....How is CARD going to keep this information cataloged and saved for the future CARD members and elected officials, going forward? Vince mentioned that CARD should collaborate with the Yale Superfund Center and Dr Vasillou to document all this history. Dr Vasullou stated that he is excited to be working with CARD and they will work with us closely to proceed.

Non Agenda Items-

Mike Moran mentioned that the drinking water well testing method should be tested to .5 ppb for the EGLE lab and all labs. Jack mentioned a concern of reliability through the State lab. Dr Vasillou said that they have found a method that tests at a very low level and he will discuss with us further, maybe using federal research dollars.

The meeting was adjourned at 8:00 PM

Minutes were compiled by Beth Collins, CARD secretary