

CARD Minutes
November 2, 2021 Meeting
<https://www.youtube.com/watch?v=ieU2LbIFUBg>

The meeting was called to order at 6:05 pm by Roger Rayle.

The Board approved the modified minutes, and after some discussion it was determined that Beth will make any changes to the first draft of the minutes in **highlight**, so it is easier to re-check for final approval the day of the vote and meeting. The October Minutes were approved by the Board.

Old Business/ Action Items

Regarding the Confidentiality Agreement, Dan stated that they were doing a formal request letter to Gelman. It has not been sent yet, but it is being done. If the intervenor attorneys ask, the AG and EGLE will also support any request. Mike Moran asked if that is a complete waiver of data. Dan said they are asking under Part 201 (324.201.17) for all information. Kathy Knol mentioned that there has been some discussion among the intervenor attorneys that they are in agreement that all data should be released, however we currently have a “stay”, while this is at the appeal process. So, the intervenors say that it should be appropriate for EGLE to “compel” the polluter to release this data.

Dan Hamel mentioned that WRD met with the County and Evan Pratt on what the next steps would be for the MS4 violation. There is a work plan from Gelman. They are working on the sampling/ finding out where the groundwater is entering the drain. The next steps are a second letter to Gelman. Vince still has an issue with the tests they are doing (like near Arbana). These should be done closer to West Park. Dan asked to see these suggestions from CARD, as to where we think they should test. Rita Loch-Caruso wondered how this work plan integrates with the proposed CJ and two wells which are to be placed in this area? The MS4 issue is different than the Court Order and is being pursued by EGLE and WCWRC for the Federal MS4 program. So, any wells proposed are not in the work plan, they are two different items. The Order does mention the GSI requirements and there is a criteria mentioned for contaminated groundwater getting to the surface and that could also be found in the Allen Creek contamination. Patti has had no more instruction on sampling since the two that they sampled.

Patti did sample one basement and will have the results in a couple weeks.

Katie Jesaitis mentioned that the EPA site prelimination process is now being given to Weston Solutions. They have been getting started and EPA has opened up a task order for the site inspection. Patti McCall says that the EPA uses either Tetra Tech or Weston.

Intervenor Update about the pending appeal will be sent out to the public, when it is submitted. It was sent out the next day to the CARDcore group by Jack Eaton and here is the docket link.

<https://www.courts.michigan.gov/c/courts/coa/case/357599>

The Ann Arbor water plant upgrades topic has been quiet for now, and nobody had anything new to add. Rita Loch-Caruso mentioned that she will “help” if this comes up again, and Kathy Griswold said she will also stay on top of this.

New business/ EGLE updates

Dan Hamel said Gelman is initiating the Western Area and will be drilling/vertical profiling in Location K (Delhi) and per the Court Order update. All were non detectable and they sampled to bedrock. 2 permanent MW's were installed. They will then move to the Eastern area and test borings for installation for the Rose extraction Well. Vince asked where they will be discharging the effluent from the Rose Well? It will be plumbed into the existing infrastructure and go to the Gelman treatment plant for discharge into Honey Creek. This will require them to slow the other treatments in the Evergreen area. These requirements are in the Court Order. Roger asked Dan if the Southern pipeline along Wagner is still in use? Dan thinks it is. Western area GSI plan is in the Order and EGLE made recommendations to Gelman and will be revised and implemented. These work plans are on their website.

EGLE is planning on doing surface water sampling along the West Park locations in the drain, coordinating with WCWRC on October 8 and 9. Vince reminded them to try to sample during dry conditions and Dan said yes, it is supposed to be drier. Kathy Knol asked if this sampling is being done in conjunction with Washtenaw County and yes, they open the storm drains and EGLE gets the samples. Dan does the other surface locations and lakes and streams by himself.

Dan received the boring log on TW 29 on Maple and he will make it available on the website.

Extraction well LB4 in the Evergreen area just had maintenance and there was sand and gravel clogging, LB1 is up now and switched to stop LB4. They are pumping less than required in the Orders.

Dan said that the next question about Gelman discharging too much (violation of NPDES) into the Honey Creek, is not really a violation. August 2021 the monthly average was 7.6 ppb and they have corrected it to 5.8 ppb in September. It could have been from TW24 high numbers going into the system. CARD did not want this to go uncorrected. Roger mentioned that we really should be seeing the summary reports from TW24 to see what other contaminants are in that area. Dan will check from WRD people at EGLE. Beth mentioned that as a resident who does not want any dioxane or bromate into the creek, was concerned and it was placed on the Agenda to follow up.

Vince asked if there was any discussion from EGLE or the EPA on doing more frequent shallow groundwater testing in the West Park area and Dan said that no, there is none from EGLE, except ones that are in the new Order around West Park and Chapin.

Jeff Hayner stated that the West Park bandshell has an active micro creek running through the foundation of the bandshell. They will be moving the bandshell, but his question is that should the workers be concerned while working in the wet area with contaminants.

Glenn Hendrix asked about the western area work plan, and if Dan could email it. In summary, EGLE request that Gelman expand on the seasonal variations in GSI venting they asked Gelman to correct and Dan will post it to the webpage.

Chair Update

Roger is still waiting for the data that's been hidden for four years, so the full data is available before responding to some of these work plans. 3rd qtr maps from EGLE were posted, and Roger has put them into Google Earth. He showed us the 85 ppb compared to 7.2 ppb boundaries and the Rockworks Maps boundaries, with gaps from missing data. He learned

that the Rockworks information can be exported easily, and Roger is requesting those. Roger is still questioning a boring log from TW24 and all the testing. This is an important area to know what's going on. It's the core and we have very little information about this area. EGLE should release this data for the boring log that led to TW24 or issue a violation about drilling to bedrock.

Knights of Columbus property in Scio Twp has a proposed development in the Planning Commission for a community well and 49 housing units with its own community well, which means there will be a provisional wellhead protection area (where an estimated 10 year migration of contaminants will travel). There is dioxane very close and could all the removal of water into these homes pull or push water faster in unknown directions? What about the nearby homes? This is a concern and the residents will keep an eye on the direction of this at the Scio Township Planning Commission. If we were using stricter clean up standards 0.35 ppb, we would already have to provide water to all of these homeowners on Elizabeth Rd and around this property. The homeowners never get reimbursed for the whole tie-in to city water, and forced annexation, like Evergreen. Just like it's good to have local food, it's good to have local water too. Kathy Knol said that the Planning Commission has only had one meeting, they were still going to be meeting again and there is still a lot to be resolved.

Roger reminded everyone that he was on a peer-to-peer group about dioxane. He and Dan Hamel were both on it. At one point, one of the other attendees suggested using the Gelman site as an ITRC testing site. It didn't happen, partly because it's so unique that it does not help other dioxane sites where they have so many other contaminants. How does dioxane move through water? Like how does PFAS move in water. We do know that dioxane moves in narrower channels, isolated. We should be asking questions like, where is it coming from and where is it going? Like how Dan Bicknell found it at Saginaw Forest. We give him full credit in finding the dioxane moving. If dioxane has a 50 year half life, **how much larger the area of dioxane is going to get?** Roger referred to a recent study of the half life of dioxane **contamination and the average half life was 50 years,** the right kind of bacteria and the food for the bacteria and oxygen.

Roger will get in touch with the Website subcommittee group.

There were no non Agenda items to discuss.

The meeting was adjourned at 7:53 pm.

The minutes were compiled (while re-watching the YouTube video) by Beth Collins, CARD secretary