

**MINUTES**  
**CARD/DEQ Quarterly Meeting**  
Tuesday, February 6, 2018 – 10:00 a.m. to 12:00 p.m.  
Washtenaw County Western Service Center, Room 2010

Present: Mitch Adelman, Jennifer Conn, James D'Amour, Dan Hamel, Jeff Hayner, Katie Jesaitis, Michael Klotz, Kathy Knol, Kathleen McDonald, Shana Milkie, Michael Moran, David Neal, Sara Nedrich, Max Pettibone, Roger Rayle, Kristen Schweighoefer, Kathleen Shirey, Kevin Thompson, Gerald Tiernan

Meeting called to order at 10:05 a.m.

1. We did introductions.
2. Minutes from the 1/9/18 meeting were approved.
3. DEQ Updates with Dan Hamel and other DEQ personnel:
  - a. Dan will place the quarterly report submitted in February to the EPA on the DEQ website.
  - b. 104 residential wells will be sampled in 2018, starting in March as weather permits. Christine, Lakeview, and Rose Dr. are sampled every other year. The 2014 and 2016 addresses and locations are in the database. Dan will add in new data from 2018.
  - c. Monitoring well sampling – following the approved monitoring plan, Gelman sampled 271 monitoring wells between September and December 2017, and DEQ has received the data from this testing. 116 wells were sampled in October and 24 wells were sampled in December. DEQ split-sampled monitoring wells 112s and 112i in December. All data will be posted to the website.
  - d. Gelman pumped and treated 19.1 million gallons during the 4<sup>th</sup> quarter of 2017.
  - e. On December 6, 2017, Dan inspected the upgrades to the pumping and treatment station.
  - f. Between September and December 2017, Dan conducted surface water and seep sampling at Allen Creek, 3<sup>rd</sup> Sister Lake, Arbor Landings pond, and Smith ponds. Surface water testing at Allen Creek/West Park during December 2017 showed results ranging from non-detect to 4.4 ppb. This serves as a baseline for the location. Dan will have a meeting with County Water resources before the end of February. The state will work with the county and city to evaluate these findings.
  - g. DEQ will continue surface water sampling in 2018, including another test at Allen Creek.
  - h. Dan shared additional DEQ activities for the fourth quarter of 2017: attended seven local meetings including the Scio Twp. review, CARD meetings, stakeholder roundtable in September 2017, and the EPA Preliminary Assessment review in November 2017.
  - i. Bryce asked if there were any surprises. Dan replied that DEQ is keeping an eye on trends. There is a possible upward trend in the Prohibition Zone east of Maple Rd. DEQ will request more investigation if needed
  - k. Roger asked about geocodes in the data. Dan receives locations as latitude and longitude, which is what Roger needs.
  - l. Dan received the corrections on data that Roger sent.

m. There was a discussion on the PFAS issue. The EPA asked DEQ to determine whether there is any PFAS on the Gelman site. Mitch Adelman and Kathy Shirey shared some background on the issue, which is a concern throughout Michigan. DEQ has asked Gelman to do a records review and will sample monitoring wells on the property already known to be high in dioxane. DEQ hopes to report back at the May meeting.

n. Negotiations on a modified consent judgment are still ongoing. There are no updates to report at this time.

4. Roger presented the latest Google Earth mashup, adding the Marshy Area to the existing data. There are still concerns about old mistakes remaining in the existing data and the fact that DEQ has to add state data by hand to the database.

5. EPA Preliminary Assessment (PA):

a. A 1986 EPA study estimated that there was 10,000 – 40,000 pounds of dioxane in the groundwater. In 1989, Gelman estimated there was 64,000 pounds. Gelman has already removed 120,000+ pounds, so both estimates were very low.

b. Roger requests that soil samples be put on the map and requests help in tracking down previous soil samples.

c. There are many documents that should be in the PA that aren't. Roger is compiling a list.

d. DEQ personnel expressed concerns that it has been accused by e-mail of withholding documents from the EPA. Mitch Adelman stressed that DEQ made all of its files available to the EPA. It could be that the EPA's consultant who went through the files did not catch everything.

6. Miscellaneous issues:

a. James D'Amour stated that he was glad that the EPA is involved in the dioxane issue.

b. Bryce Kelley mentioned that the Scio Twp. newsletter is online, and the latest issue contains an article on dioxane written by trustee Kathy Knol.

c. Matt Naud is coordinating a Teach-Out on dioxane. There will be an organizational meeting on February 20, 2018 from 2:00 – 3:00 p.m. at 500 E. Washington.

Meeting was adjourned at 12:05 p.m.

Next regular CARD meetings:

- ~~Tuesday, March 6, 2018, 6:00 p.m.~~ cancelled
- Tuesday, April 3, 2018, 6:00 p.m.

Next Quarterly CARD/DEQ Meeting:

- Tuesday, May 1, 2018, 10:00 a.m.

Minutes prepared by CARD secretary Shana Milkie, with input from CARD officers and executive director.