



May 1, 2019

File memo

Subject Decorah Shopping Center Annex, BRRTS #: 02-67-151266

I called Dawn Gabardi and left a message on her voicemail asking for latest groundwater data.

Dawn called back. She sent me a plume map figure from 2010, and said that she would have somebody work on a new one based on the December 2018 data. She said she would send me the 2018 data in a table before next Wednesday. Also:

- She met with the client in December about another round of permanganate injections. They did a round of gw sampling that month to establish a base line for the new injections.
- Last injection was May of 2012.
- MW-20 and MW-21 were paved over. They will look for them now that the snow has melted. Asking DNR if they should be re-built?
- MW-23 had tree roots growing into it. Dawn recommends that this be replaced.

MW-13

**2015 PCE was 257, TCE was 83**

**2018 PCE was 51, TCE was 68**

MW19

2018 PCE was 7.8, TCE was ND

P4 (screened 30 to 40')

2018 PCE was 39, TCE was 21

P5 (screened from ?)

2004 PCE was ND

2018 PCE was 23

MW-23

2004 PCE was ND

MW-30 (at the source)

2018 PCE was 4000, TCE was 410

I agreed that she should abandon MW-1. I agreed they should include well replacement costs in the DERP application. I suggested they include sub-slab sampling costs for homes near MW-13.