

**From:** Koepke, Cynthia L - DNR  
**Sent:** Wednesday, September 28, 2022 4:26 PM  
**To:** Oelkers, Eric (EOelkers@scsengineers.com)  
**Cc:** Ross, Issac A - DNR; Kevin McDonell; Kyle Brassier  
**Subject:** Responding to the 9/16/2022 memo on Hartmeyer sampling, 02-13-580328

Hello, Eric –

Thank you for the sampling results memo you submitted on behalf of Lincoln Ave. Capital for the Hartmeyer Property, 2007 Roth Street, Madison.

The low-level petroleum VOCs in groundwater at GB-105 are not surprising, considering the former land use in that part of the property. It's unclear what the source may be for the cis-1,2-DCE detected in groundwater at GB-107 in the middle of the property; however, the concentration of 1 ug/L is well below the NR 140 enforcement standard of 70 ug/L. You resampled GB-107 after a J-flagged detection of vinyl chloride in groundwater, and vinyl chloride was not detected in the 2<sup>nd</sup> sample.

These groundwater data are consistent with our previous understanding of the site conditions. Since no NR 140 standards were exceeded, DNR is not requesting any additional actions based on these groundwater results.

I agree with your statement about the soil fill materials described in the soil boring logs; this is very similar to what I have seen at other sites in the central part of the city. The 1892 USGS topographic map of Madison shows extensive wetlands in what is now the northeastern part of the city.

As the redevelopment project moves forward, we want to keep the remediation project moving forward as well. DNR will likely need to review a Materials Management Plan for activities in contaminated soil areas. Where the land uses are residential, the non-industrial NR 720 residual contaminant levels will apply to soil. Because the water table is shallow in this area, you may need to work with your client to get the applicable permits for construction dewatering.

As the proposed redevelopment does not cover the entire property, DNR will work with the property owner (or responsible party, as applicable) to ensure that work proposed for the remainder of the property leads to protection of human health and the environment and compliance with applicable state codes and statutes.

I appreciate you keeping the lines of communication open and look forward to moving the remediation project toward close-out.

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**Cindy Koepke, P.G.**

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Hydrogeologist – Remediation & Redevelopment Program

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