

## Foellmi, Thomas J - DNR

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**From:** DiMaggio, Janet H - DNR  
**Sent:** Tuesday, July 25, 2017 11:03 AM  
**To:** jbartley@ReadyEarth.net  
**Subject:** Block system Cleaners, Madison

Good Morning Jason,

Thank you for your phone call this morning. The committee met last week, considered the submitted work plan and suggestions I made, and offered the following direction.

1. The site investigation needs to be completed.
  - a. The proposal included a nested deeper PZ near the current PZ-1 and a set of nested PZs across Atwood Ave. The committee would like a WT well added to the two proposed PZs offsite.
  - b. Four rounds of GWM.
  - c. Shallow soil sampling around and in the presumed source area is needed.
  - d. Paired subslab and indoor air vapor samples are needed for the 2000 Atwood property.
  - e. A report of the completed SI is needed.
2. In answer to the five questions you asked:
  - a. Is further shallow, lateral delineation required down-gradient of MW-6?  
Yes. One new proposed well should nest with existing PZ-1, and two proposed PZs should be installed nested with a WT well down-gradient and across Atwood Ave. New wells need to be geologically logged (not blind drilled) with representative soil samples taken for analyses. All site wells need to be surveyed to the national geodetic survey datum.
  - b. If the results from the initial two sampling results from the down-gradient piezometers are below enforcement standards, can the groundwater sampling be terminated?  
You need to request this in writing and DNR would respond after evaluating the data.
  - c. Is further source evaluation required?  
Yes. See number 1, above. The source needs to be identified. Direct contact soil samples (preferably 2-4' bgs) are needed in suspected source area and outside of the building (by GP-1, MW-3, GP-2) to define the source and extent. These direct contact zone samples should be paired with samples in the 4-8' bgs interval.
  - d. Can the vapor mitigation systems (VMSs) operating in the west portion of the dry cleaning building and neighboring property (see figure B.4.a. SSDS-4 through 8) be discontinued?  
Yes, it is not required by existing data. It might be a good idea to let it operate or to offer this option to existing tenants or owners or those properties.  
Please note that paired subslab and indoor air vapor samples are needed for the 2000 Atwood property.
  - e. What are the factors that DNR would consider relevant to show that active remediation is not required in order to achieve closure?  
There is potential for DNAPL at the WT in the vicinity of the source. An active remedial measure is needed as the data show high concentrations. The committee suggested consideration of SVE and a pilot test. A question arose to the nature of the subsurface materials. Please verify if there is fill or if the subsurface material are native soils.

Please let me know if you have any questions.

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**Janet DiMaggio**

Hydrogeologist, Bureau for Remediation and Redevelopment/Environmental Management Division  
Wisconsin Department of Natural Resources  
3911 Fish Hatchery Road, Fitchburg, WI 53711  
Phone: (608) 275-3295  
janet.dimaggio@wisconsin.gov



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