

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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January 14, 1999

Mr. Hiram Buffington  
Snap-On Tools  
P.O. Box 1410  
Kenosha, WWI 53141-1410

Subject: Former Hein-Werner Property  
1005 Perkins Avenue, Waukesha, Wisconsin  
Order No. 98-SEEE-056  
FID #:268091890

Dear Mr. Buffington:

This letter acknowledges receipt of site investigation work plan for the Former Hein-Werner Property. The site investigation work plan was prepared on your behalf by Key Engineering Group and dated November 9, 1998. The site investigation work plan was received by the Department on November 6, 1998. The Department also received correspondence and reports from Mallory Properties' consultant, Dakota Intertek Corporation, on January 6, 1999.

Based on review of the above referenced materials, the Department believes the site investigation work plan will not achieve the goal of the Order to adequately define the extent and degree of horizontal and vertical soil and groundwater contamination at the site. To that end, please submit the following revisions to the site investigation work plan within 20 days of the date of this letter:

1. The work plan proposes to inspect existing groundwater monitoring wells EMW-01 and EMW-02. If these wells are suitable, the wells will be redeveloped and samples. If the wells are not suitable, they will be abandoned.

If the wells are determined not to be suitable, they should be abandoned and replaced with new ch. NR 141, Wis. Adm. Code, groundwater monitoring wells which are nested with piezometers.

2. The work plan proposes four soil borings.

The four soil borings should be converted to groundwater monitoring wells which are nested with piezometers.

3. The work plan proposes to perform in-field hydraulic conductivity testing in select groundwater monitoring wells.

All monitoring wells and piezometers should undergo in-field hydraulic conductivity testing.



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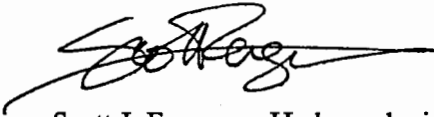
4. The work plan proposes to perform two rounds of groundwater sampling. Groundwater samples will be analyzed for VOCs and select natural attenuation parameters. Groundwater samples will also be analyzed for PCBs and RCRA metals in at least one sampling round.

All groundwater monitoring wells and piezometers should be sampled for PCBs and RCRA metals each time a groundwater quality sample is collected for laboratory analysis.

This letter is not a denial of the work plan, but indicates that the Department requests modifications to the plan. Your response must address the above items with revised or new pages or plan sheets and with a letter referencing the new submittals.

If you have any questions concerning this letter, please call me at (414)229-0849. Thank you.

Sincerely,



Scott J. Ferguson, Hydrogeologist  
Waste Management Program

sjf/word/1-15-98/hein-werner1.noi.doc

xc: Dave Dahms - SER  
Greg Johnson - Key  
Earl VanderWielen - Mallory  
SER File