

**From:** Sybil Kolon  
**To:** Gelman Information  
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**Subject:** Gelman - Periodic DEQ Update - Downgradient Investigation & other Unit E field work

#### Downgradient investigation

The installation of MW-99s and MW-99d, at Arborview and Maple Ridge, are being completed this week. Seven samples collected during drilling did not detect 1,4-dioxane. Pall Life Sciences (PLS) plans to collect static water level data from Unit E monitoring wells, including the new ones, in order to determine the placement of the next set of monitoring wells. As you may recall, the location on Mulholland has been postponed and the next location is expected to be at City Hall or on Kingsley, depending on the results of the drilling and the static water level data.

#### Other Unit E monitoring wells/Maple Road Interim Response

The DEQ has also requested that PLS install four additional sets of monitoring wells to monitor the north and south edges of the plume in relation to the Prohibition Zone (PZ). These wells will verify the location of the plume and help determine if the PZ is protective of public health (by restricting the use of groundwater) or if the PZ needs to be enlarged.

PLS has obtained access to two of these locations and intends to start drilling on the south side of Valley, near Pinewood, on Wednesday, February 1. This is located on Michigan Department of Transportation property

The second approved location is in the right-of-way on the west side of Maple Road, north of Dexter. This monitoring well location will also serve to monitor the effects of the Maple Road Interim Response (extraction, treatment and reinjection), which will begin in the next month or so. We expect that additional monitoring wells will be needed before the interim response can begin. The location of these wells will be determined after the DEQ and PLS discuss the results of the aquifer performance test, which we expect to receive at the end of this week.

The proposed locations of the other two monitoring wells to monitor the current location of the plume in relation to the PZ are near the intersection of Leona & Susan and near the intersection of Glendale and Abbott. PLS is seeking access to the rights-of-way from the City for these locations.

This note and previous updates, as well as other documents, are available on the DEQ's Gelman Sciences web site, which can be accessed by clicking on the following link:  
[http://www.michigan.gov/deq/0,1607,7-135-3311\\_4109\\_9846\\_9847-71595--,00.html](http://www.michigan.gov/deq/0,1607,7-135-3311_4109_9846_9847-71595--,00.html)

or enter <http://www.michigan.gov/deqrrd> into your web browser's address screen, then scroll to "Contaminated Sites List" and click on "Gelman Sciences, Inc. Site of Contamination".

Click on "What's New" "Periodic DEQ E-mail Updates" for previous updates.

Please contact me if you have questions.

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