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To: Gelman Information
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Subject: Gelman - Periodic DEQ Update - Downgradient Investigation

Downgradient Investigation

MW-102s and MW-102d have been installed at the southeast corner of E. Ann St. and N. Fifth Ave. Vertical profiling at this location detected no 1,4-dioxane.

Pall Life Sciences is in the process of installing a monitoring well on Glendale Drive near Abbott Ave. (MW-103). Depending on the results of drilling, more than one well, at different depths, may be installed. This well(s) will serve to monitor 1,4-dioxane in relation to the Prohibition Zone boundary, which is one block to the south along Charlton Ave. This well will also aid in the downgradient investigation.

As previously reported, the proposed location on Mulholland was delayed due to the likelihood of encountering artesian conditions (where the aquifer is under pressure and water can come to the surface when the confining layer is removed). The need for a monitoring well in this vicinity will be determined after recent results are evaluated.

The DEQ has agreed that the first phase of the downgradient investigation can be completed using data obtained from the five sets of wells installed near downtown. A report will be submitted in March. A second phase of investigation is expected, and may include monitoring wells on the east side of the Huron River.

Next Drilling Location

The next drilling location is expected to be on Leona near Walter, northeast of the intersection of Dexter and Maple. This location will serve to monitor 1,4-dioxane in relation to the northern Prohibition Zone boundary, which runs along Walter at this location. This location was moved north from where it was proposed due to underground utilities.

Link to Prohibition Zone map:

<http://www.deq.state.mi.us/documents/deq-rrd-GS-GroundwaterProhibitionZoneBoundaryMap.pdf>

Previous updates and other details can be found on the DEQ's Gelman website, which can be accessed in two ways:

click on the following link:

http://www.michigan.gov/deq/0,1607,7-135-3311_4109_9846_9847-71595--,00.html

or enter <http://www.michigan.gov/deqrrd>, then scroll to "Contaminated Sites List" and click on "Gelman Sciences, Inc. Site of Contamination".

Please contact me if you have any questions.

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