

**From:** Sybil Kolon  
**To:** Kolon, Sybil  
**Date:** 1/29/2008 1:36:41 PM  
**Subject:** Gelman - Periodic DEQ Update - Recent & Planned Activities

This note provides an update about continued borings and monitoring well (MW) installations since our last note, dated Dec. 4, 2007. A new PLS Base Map showing all MW locations will be posted on our Gelman Sciences web site soon (see end of note for links).

Pall Life Sciences (PLS) contractors made two attempts to install the northernmost MW in Veterans Park, and each time encountered boulders, cobbles and difficult drilling conditions that prevented their equipment from completing the boring. Some of the drilling equipment was damaged in this effort.

The Department of Environmental Quality (DEQ) believes that a well in this area may still be needed, and its installation is possible, but has agreed to review data from the new MWs and others in the area, prior to making a final decision.

The interim response (extraction, treatment and reinjection) that has been operating in the Maple Village Shopping Center since March of 2006 was shut down last week due to problems with the injection wells. PLS has done some maintenance on the injection wells and is continuing to investigate the problems. At this time there are no immediate health or environmental concerns with this temporary shut down. This shutdown does not currently constitute a violation of the relevant court orders, because 1,4-dioxane concentrations in this area have not yet reached the threshold imposed by the court. The DEQ is continuing to monitor the situation.

PLS contractors have just completed installation of MW-117 on the north side of Valley, just east of Clarendon. The boring went to bedrock. Four samples were collected (at ten foot intervals from the water bearing portions of the formation, at 70, 120, 130 and 230 feet). All results were non-detect for 1,4-dioxane. The monitoring well was installed with a screen from 73 to 78 feet. This boring was intended to determine if there is any connection between the contamination in the Evergreen plume and the shallower portions of the Unit E plume to the south. The need for additional MWs will be evaluated after groundwater quality and static water level data are collected from the permanent well.

On Wednesday, January 30, PLS expects to begin a boring on Ferry, just east of Wagner Road. This boring will be advanced to bedrock and will provide information about the nature and extent of 1,4-dioxane throughout the water bearing formation. It is expected that one or more MWs will be installed.

Previous updates and other details can be found on the DEQ's Gelman web site, 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](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".

The new PLS Base Map showing all monitoring wells through MW-117 will be located under the "Maps" heading.

Additional documents are also available at the Gelman Information Repository Locations:

Ann Arbor District Library  
Downtown Library  
343 South Fifth Avenue  
734-327-4200

Scio Township Hall  
827 North Zeeb Road, Ann Arbor  
734-665-2123

City of Ann Arbor Water Utilities Department  
100 North Fifth Avenue  
Contact: Venita Harrison 734-994-8286

Washtenaw County Department of Planning  
and Environment  
705 North Zeeb Road, Ann Arbor  
Contact: Michael Gebhard 734-222-3855

Please contact me if you have any questions or would like to be removed from or added to this distribution list.

Sybil Kolon  
Jackson District Office  
Remediation and Redevelopment Division  
Department of Environmental Quality  
301 E. Louis Glick Hwy.  
Jackson, MI 49201  
phone: 517-780-7937  
fax: 517-780-7855  
e-mail: kolons@michigan.gov