

From: Sybil Kolon
To: Kolon, Sybil
Date: 3/19/2008 10:14:42 AM
Subject: Gelman - Periodic DEQ Update

This note provides an update about activities related to the Gelman site since our last note, dated January 29, 2008.

The Department of Environmental Quality (DEQ) and the Coalition for Action to Remediate Dioxane (CARD) are sponsoring a public meeting on Monday, April 28, 2008, at 7:00 PM, at the Washtenaw Intermediate School District, 1819 S. Wagner Rd., Ann Arbor. DEQ staff and local government representatives of CARD will provide an update on cleanup actions at the Gelman Sciences, Inc. site of environmental contamination.

In February, contractors for Pall Life Sciences (PLS) installed a monitoring well on Ferry Street just east of Wagner Road. MW-118 was screened from 137 to 142 feet. The first result from the permanent well was 327 parts per billion (ppb) of 1,4-dioxane, considerably higher than the vertical profile result taken from that depth during the initial boring (90 ppb). This was likely due to the addition of water that was required during drilling. PLS and the DEQ have had preliminary discussions about this result, which confirms that groundwater contamination is further north than previously depicted. PLS indicates that it is not possible to distinguish between the Unit E and Unit D2 aquifers in this location. Additional discussions are expected in the near future, after PLS compiles updated iso-concentration maps (showing dioxane concentrations) and potentiometric surface contour maps (from which the presumed groundwater flow direction can be interpreted).

PLS is continuing to experience problems with reinjection of treated groundwater that is part of its Maple Road interim response, and ran the system at a lower flow rate (50 gallons per minute from the extraction well) for about ten days, using only the northern injection well, before it was again unable to accept additional treated groundwater. The system was turned off for a few days and was turned back on, Monday, March 17, with 25 gallons per minute being injected into each injection well.

In the meantime PLS has submitted a new proposal (http://www.michigan.gov/documents/deq/deq-rrd-GS-MasterCopy2008ProposedThirdMonitoringWell_228298_7.pdf) for a monitoring well in the Maple Village Shopping Center, instead of the one requested by the DEQ in Veterans Park (see 1/29/08 update). This proposal is under review. PLS is now conducting monthly monitoring (an increase from quarterly) of six monitoring wells along Maple Road. Several of these MWs are under the influence of the extraction and reinjection wells, so this will allow us to better evaluate the nature and extent of the contamination during a period of limited or no interim response, after two years of interim response. As discussed in our last update, this shutdown/limited purging does not currently constitute a violation of the relevant court orders, because there is no data to indicate that 1,4-dioxane concentrations in this area have reached the threshold imposed by the court.

PLS expects to submit a report by the end of March (including the maps referenced above) that will assist us in evaluating the data collected from the recently completed borings and monitoring wells.

Additional documents are being sent to the information repositories this week and several of these documents have already been posted on our DEQ web site. A separate note will be sent regarding those documents.

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

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

Sciences, Inc. Site of Contamination".

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