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To: Gelman Information
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Subject: Gelman - Transmission Pipeline Update

Pall Life Sciences (PLS) continues to use the leaking North Transmission Pipeline (NTP) as a temporary measure to transport contaminated groundwater extracted from the leading edge of the Evergreen plume to the PLS property for treatment and discharge. The leak is into an area of already contaminated groundwater that is migrating toward the leading edge of the Evergreen plume. There are no drinking water wells known in the area of the leak. If extraction were halted until an alternate transport method is completed, it is likely that the Evergreen plume would escape the capture zone of the leading edge extraction wells.

Previous updates with additional background information are available on the DEQ's Gelman Sciences web site:

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

Scroll to "What's New" and click on "Transmission Pipeline Update"

PLS has contracted to have a liner inserted into the North Horizontal Well (HZ-N), which will allow it to be used for transport of groundwater from the Evergreen System. The HZ-N is adjacent to the NTP. The work is to begin on November 28 and is expected to take about two weeks to complete.

In the past few weeks about 190 gallons per minute (gpm) have been extracted from the three leading edge Evergreen extraction wells and 25 gpm have been extracted from the HZ-N. About 100 gpm of the total (215 gpm) was getting to the treatment system. The remainder is leaking back into the contaminated aquifer.

PLS has done some additional monitoring of water levels in five monitoring wells near the leak. Only one, the former residential well at 3365 Jackson, just south of Jackson Rd., showed an increase in the water level that could be a result of the leak.

PLS has submitted a monitoring plan to monitor the effects of the leaking pipeline. That plan is being reviewed by the DEQ and will be implemented next week.

Please contact me if you have any questions. I will continue to update you as more information becomes available.

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