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Subject: Gelman - Periodic DEQ Update, MW-122s & MW-122d Installation

Contractors for PLS have been drilling at Dexter and Kuehnle for over two weeks and completed the boring yesterday. This boring took longer than usual because a layer of boulders/cobbles were encountered at about 175 feet. The augers broke on the first two attempts to get through it. Heavy duty augers were able to penetrate that layer.

Following is a general description of the lithology and vertical profile results where groundwater was encountered. Silt, sand and clay was encountered in the first 91 feet. Sand (mostly fine, with some gravelly seams/cobbles/boulders near the bottom) from 91 to 191 feet. Nine groundwater samples were collected from 100 to 185 feet. The first sample at 100 feet had 4 parts per billion (ppb) of 1,4-dioxane. Samples from 110, 120, 130, 140 and 150 feet each had 2 ppb; at 160 feet, 3 ppb; at 170 feet, 33 ppb; at 185 feet, 5 ppb of 1,4-dioxane. Silt from 191 to 240 feet. Fine grained sand with silt from 240 to 250 feet. Variable, interbedded sands from 250 to 264 feet and a sample collected at 255 feet was non-detect for 1,4-dioxane. Silt from 264 to 269 feet, where bedrock (shale) was encountered. PLS will submit a detailed boring log in the near future.

Two MWs will be installed, screened at 168-173 feet (MW-122s) and 240-245 (MW-122d). The next boring location on Dexter east of M-14 will be designated as MW-121 and drilling is expected to start there later this week.

For more information on the Gelman site, 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 or would like to be removed from or added to this distribution list.

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