

Reif, Maizie L - DNR

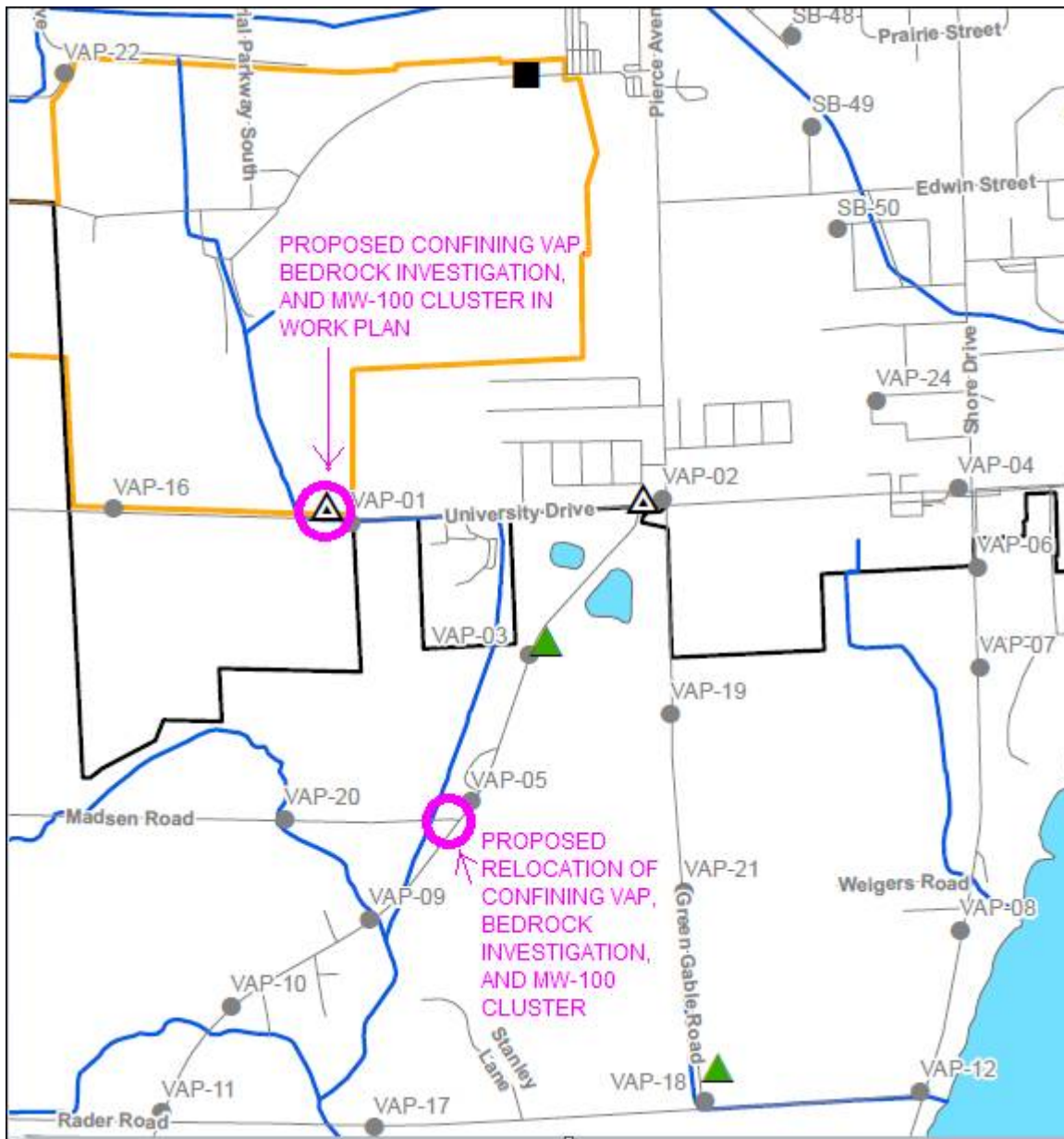
From: Richard L. Mator <richard.mator@jci.com>
Sent: Thursday, July 12, 2018 4:29 PM
To: Chronert, Roxanne N - DNR; Neste, David E - DNR
Cc: Merry, JaNelle P - DNR; Christopher D Behrend; Bedard, Michael
Subject: Tyco Marinette Site Investigation - MW-100 Well Cluster Location

Roxanne and Dave,

As we discussed, Tyco plans to move the location of the proposed MW-100 well cluster (three permanent groundwater monitoring wells) due to access constraints associated with the originally proposed location, and also to provide more useful information during this field mobilization based on subsurface observations made so far during the present phase of the investigation. Some considerations associated with this location change are as follows:

- The first image below illustrates the originally-proposed investigation/MW-100 well cluster location presented in the Site Investigation Work Plan, as well as the newly-proposed location on the south side of Madsen Rd, near the corner of Madsen Rd and County Rd B. The location change is planned for the following reasons:
 - The originally-proposed location was partly flooded at the start of the investigation activities, and would be inaccessible for a drill rig without significant forest clearing and road building. Also, because the area is prone to flooding, the wells would be at risk of damage, or inaccessible during periods of high water.
 - Several nearby alternate locations were evaluated in the right-of-way (ROW) of University Drive or County Road B; however, the presence of utilities and road-side ditches and swales eliminated all suitable locations. On County Road B, we also want to maintain distance between the MW-100 cluster and the MW-101 cluster that recently was installed near the corner of University Drive and County Road B.
 - The proposed new Madsen Avenue location is approximately 2,700 feet southeast of the original MW-100 location, but would be useful to determine whether the characteristics of the dolomite bedrock remain consistent trending south into Peshtigo, where a number of private groundwater wells within the study area are located.
- The second image below presents the approximate work area for the investigation and installation of the MW-100 well cluster. Well depths will be associated with the water table, base of sand unit, and bedrock. All work will be conducted in the Town of Peshtigo ROW, and we will make sure we have well installation approval from the Town of Peshtigo for before installing wells at this location.

If you have any questions or comments regarding this location adjustment, please let me know.





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