From: Byers, Harris < Harris.Byers@stantec.com>

Sent: Monday, May 6, 2019 9:27 AM

To: April Kroner; Paul Braun; kmcdaniel@manitowoc.org;

Vanderkloot.james@epa.gov

Cc: Beggs, Tauren R - DNR; Ramanauskas, Peter; Cull, Whitney; Choi, Christopher

Subject: Next Round of Groundwater Sampling at Mirro

Attachments: Figure 1 - Area 8.pdf; Figure 2 - Loading Dock.pdf; Figure 3 - Groundwater

Wells.pdf

Team:

I wanted to send a project update email to everyone to cover a few topics. Please take a moment to review the "To" and "cc" lists and forward to others as necessary.

- 1. I wanted to send out a brief team introduction to Jim Vanderkloot, who will serve as the USEPA Brownfields Program Manager for the City of Manitowoc's Site-Specific Assessment Grant.
- 2. The geophysical survey went well. As noted on Figure 1, there is a large basement/void located immediately adjacent to and west of the "Area 8" PCB release area. So, we moved SB-57 to the east. Delineation of PCB impacts to the subsurface to the west of "Area 8" may need to occur after slab/basement removal.
- 3. Soil sampling went well on the 24/25. As initially proposed, the borings were primarily targeted to the "Loading Dock" and "Area 8" PCB release areas (see Figure 1 and Figure 2; attached).
- Additional soil borings/monitoring wells were installed as illustrated in blue (Figure 3). Unfortunately, we did not get a piezometer installed.

We received the groundwater data back from the first round of sampling. Similar to soil results, detected constituents and concentrations in groundwater are similar to prior work. We are targeting an additional round of groundwater sampling for tomorrow to confirm initial detections and further delineate the horizontal extents of impacts.

Also tomorrow, we will survey the locations of the soil borings and monitoring wells with a sub-m GPS, as some were moved slightly due to access.

We anticipate receiving the groundwater data back ~15d after submittal to the lab (estimated May 29). I think this would be a logical time for us to prepare a written summary letter of the results and submit the letter to this team for review. We could schedule a technical assistance meeting in mid/late June to prioritize next steps for continued investigation in June/July.

Sincerely,

Harris Byers

Sr. Brownfields Project Manager

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