

**CORRESPONDENCE/MEMORANDUM**

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DATE: August 27, 2015 16:30-16:45

FILE REF: BRRTS # 02-36-000268

TO: Tauren Beggs (DNR Project Manager)

FROM: Dave Henderson (AECOM)

SUBJECT: Update for Investigative Work at Manitowoc City / Former Newton Tn Gravel Pit site

Henderson called Beggs to provide him with an update on preliminary investigative work to better characterize the western source area for a soil vapor extraction (SVE) pilot study and a down gradient area for a proposed remedial pond location.

**Western Source Area:**

- A 4-inch probe was installed within the original dumping area for a SVE extraction well
- 1-inch vapor monitoring probes were installed
- Soil samples were collected for volatile organic compound (VOC) analysis.
- Investigative Waste (IW) was generated, containerized in drums, and currently stored on-site. (Henderson is working with DNR on a potential proposal to containerize storage of IW on-site and later place it back in the source area under a cover).
- SVE pilot study to begin in September 2015.

**Down Gradient Area for Proposed Remedial Pond:**

- Further investigating the area to better characterize the width and depth of the groundwater contaminant plume to facilitate the design of the pond.
- Multiple soil borings and groundwater grab samples were collected.
- A well nest of three wells was installed consisting of one NR 141 shallow water table monitoring well and two piezometers.