

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
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January 26, 2018

Kathleen McDaniel  
City of Manitowoc  
900 Quay St  
Manitowoc, WI 54220

Subject: Potable Well Plume Delineation Work and Potable Well Replacement Request

Dear Ms. McDaniel,

The Department of Natural Resources (DNR) has had multiple discussions regarding plume delineation during meetings with the City of Manitowoc (City) over the past few years for the open case Manitowoc City / Former Newton Tn Gravel Pit, BRRTS # 02-36-000268. Based on the most recent potable well sampling data collected by a property owner at 2915 South 26<sup>th</sup> Street in the Town of Newton, sampling conducted by the City of Manitowoc, and sampling conducted by the DNR, the DNR proposes that plume delineation should be revisited. The DNR recognizes the City as the responsible party and based on the many discussions and data provided to date, the DNR sees evidence that correlates between the contamination from the gravel pit source and the newly identified impacted private wells. The DNR is requesting that if the City wants to conduct additional plume delineation work to provide multiple lines of evidence to show the contamination is not migrating from the gravel pit to the private wells to the northeast, then a scope of work should be submitted (e.g. pulling pumps/investigating well construction, aquifer sampling, monitoring well installation, etc.).

Based on the potable well sampling from South 26<sup>th</sup> Street, Nelson Lane and Elm Road, with comparison to sampling from the Manitowoc City / Former Newton Tn Gravel Pit investigation, it appears there is still residual chlorinated solvent contamination above enforcement standards that has not been addressed. The DNR proposes the City of Manitowoc replaces the impacted private well at 3008 South 26<sup>th</sup> Street to provide a permanent clean water solution.

Sincerely,

Tauren R. Beggs  
Hydrogeologist  
Remediation & Redevelopment Program