



May 26, 2021

Enbridge Energy, Limited Partnership
Karl F. Beaster, P.G.
11 East Superior Street
Suite 125
Duluth, MN 55802

Subject Review of Supplemental Site Investigation Work Plan
 Enbridge Line 13 Blackhawk Valve
 Jefferson County, Wisconsin
 BRRTS#: 02-28-586199

Dear Mr. Beaster,

On May 5, 2021, the Wisconsin Department of Natural Resources (the Department) received the Supplemental Site Investigation Work Plan (SSIWP) prepared for the Enbridge Line 13 Blackhawk Valve Site (the Site) prepared by WSP USA, Inc. (WSP). The report was submitted with the appropriate fee for Department review and response, per Wis. Admin. Code § NR 749.04(1). The Department reviewed the report for consistency with Wis. Admin. Code § NR 716.07 and Wis. Admin. Code § NR 716.09.

Background:

The Site is located near the intersection of Blackhawk Island Road and Westphal Lane at the Mile Post (MP) 312 Valve Site, in Jefferson County. Following the submittal of the Interim Action and Site Investigation Report (IASIR), dated January 28, 2021, the Department issued a response letter. The letter identified additional investigative work necessary to define the nature and extent of remaining contamination on Site and to further characterize the hydrogeologic conditions on Site.

Supplemental Site Investigation Work Plan Summary:

Soil Investigation:

WSP will use high-resolution site characterization (HRSC) in-situ direct sensing methods to provide preliminary definition of potential non-aqueous phase liquid (NAPL) and dissolved phase impacts to soil and groundwater. Based on the results of the HRSC borings, WSP will oversee the installation of soil borings and the collection of soil samples to be analyzed for volatile organic compounds (VOCs).

To further characterize the subsurface conditions WSP will first use in-situ direct sensing methods. Additionally, WSP will examine soil cores and document pertinent observations. To evaluate the potential for contaminant migration associated with underground onsite infrastructure, WSP will conduct a visual inspection of the backfill material, as well as collect two soil samples, taken along Line 13, to be analyzed for VOCs.

Groundwater Investigation:

To evaluate the general lithology of the subsurface and to identify any confining units within the aquifer WSP will advance one deep boring in the area of MW-2. WSP will conduct vertical groundwater profiling in the area of MW-1 and MW-9. WSP will then install six water table monitoring wells and six deeper monitoring wells in accordance with Chapter NR 141.

Vapor Evaluation:

Within the SSIWP the vapor risk to the onsite buildings was assessed in accordance with RR-800. The Department concurs with your consultant's conclusion.

Potable Well Sampling:

In April 2021, Enbridge conducted a potable well sampling event. Known potable wells within 1,500 feet of the Site were sampled for VOCs. No VOCs were detected at concentrations above the laboratory limit of detection in any of the potable well samples. Pending landowner approval, WSP will conduct another round of potable well sampling.

Department's Review:

The SSIWP is consistent with Wis. Admin. Code § NR 716.07 and Wis. Admin. Code § NR 716.09. The Department concurs with the additional investigative work outlined within the SSIWP. Please notify the Department of any deviations from the work plan as soon as practical.

Schedule:

- The field investigation shall be initiated within 60 days of this letter, per Wis. Admin. Code § NR 716.11(2r).
- All water supply well sampling results shall be reported to the Department, the well owner, and the occupant as applicable, within 10 business days of receiving the sample results, per Wis. Admin. Code § NR716.14(1)
- All sampling results from other media shall be reported to the Department, the property owner, and occupant as appropriate, within 10 business days of receiving the sample results, per Wis. Admin. Code § NR 716.14(2)
- The Supplemental Site Investigation Report shall be submitted to the Department within 60 days after the completion of the field investigation and receipt of laboratory analytical results, per Wis. Admin. Code § NR 716.15(1)(a).

The DNR appreciates the efforts you are taking to address the contamination at this site. If you have any questions about this letter, please contact me, the DNR Project Manager, at (608) 219-2182 or by email at caroline.rice@wisconsin.gov.

Sincerely,



Caroline Rice

Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

cc: Steve Martin, South Central Region Team Supervisor
Emily Pedersen, Environmental Enforcement Specialist