



March 21, 2025

Shane Yokom
Enbridge Energy, Limited Partnership
Suite 1100
425 West Superior Street
Duluth, MN 55802

Subject: Approval of Site Investigation Work Plan
Enbridge Line 6 Cambridge Station
W8375 US Highway 18, Cambridge, Wisconsin 53523
BRRTS#: 02-28-595980

Dear Mr. Yokom,

The Wisconsin Department of Natural Resources (the Department) received three Site Investigation Work Plans (SIWPs) prepared for the Enbridge Line 6 Cambridge Station (Site) prepared by GEI Consultants, Inc. (GEI). A SIWP was submitted on 2/17/2025 which included a soil sampling plan and a groundwater sampling plan. The Residential Potable Well Sampling Plan was submitted on 2/26/2025. The Surface Water Sampling Plan was submitted on 2/26/2025. All three SIWPs will be reviewed as one work plan and will be reviewed for consistency with Wis. Admin. Code § NR 716.07 and Wis. Admin. Code § NR 716.09. The appropriate fee for Department review and response was submitted, per Wis. Admin. Code § NR 749.04(1).

Background:

On November 11, 2024, Enbridge observed crude oil at the ground surface near a pipeline valve and submitted a spill report to Department of Natural Resources' 24-Hr Emergency Hotline. On December 13, 2024, due to the increased estimated release volume and magnitude of the spill, the Department closed the spill case and transferred oversight to a remediation case.

Enbridge initiated an excavation upon discovery of the spill to investigate the source and extent of the release and to remediate the impacted area. Additional interim investigative activities were also initiated by Enbridge. Interim investigative activities consisted of, sampling the existing monitoring wells, sampling the on-site potable well, sampling the adjacent unnamed creek/agriculture drainage ditch, sampling nearby water supply wells, and an on-Site soil and groundwater investigation.

Site Investigation Work Plan:

The proposed soil investigation consists of twenty primary soil borings, utilizing a combination of high-resolution site characterization (HRSC) in-situ direct sensing methods and the collection of soil samples for lab analysis. Additional soil sampling is proposed if the primary locations show impacts. Additionally, to evaluate the potential for preferential contaminant migration along on-site infrastructure, soil samples along the pipeline are proposed to be collected.

The SIWP proposes a groundwater investigation consisting of the installation and sampling of ten shallow monitoring wells and four deep monitoring wells. Additionally, one deep investigative boring will be drilled to assess the deeper lithology of the Site.

Water supply wells within 0.5 miles of the site are proposed to be sampled. Samples will be collected quarterly for one year, then the sampling schedule will be evaluated.

Sampling of the unnamed creek/agriculture drainage ditch is proposed. Water samples are proposed to be collected, upstream, adjacent to the facility, and downstream. Samples will be collected quarterly for one year, then the sampling schedule will be evaluated.

Department's Review:

The Department provides the following feedback regarding the sampling plan:

1. All groundwater, surface water, and soil samples shall be analyzed for volatile organic compounds (VOCs) and for polycyclic aromatic hydrocarbons (PAHs).
2. A staff gage should be installed at a downstream surface water sampling location and surveyed.
3. One surface water sample location should be added downstream of CSRWS004.
4. The screens of the shallow water table monitoring wells shall intersect the water table.
5. The screens of the deeper monitoring wells shall be 5 ft in length, per Wis. Admin. Code § NR 141.09(1).
6. The Department understands all monitoring wells will be sampled quarterly.

The Department requests the following documentation:

1. Submit the soil borings logs from the December 10th soil and groundwater investigation, per Wis. Admin. Code § NR 716.15(4)(g).
2. Provide cross sections showing all relevant subsurface infrastructure.
3. Submit documentation showing how the volume released was calculated, per Wis. Admin. Code § NR 716.07(2).
4. Include an estimated volume of released material removed by the excavation.
5. Provide documentation of the chemical composition of the released material, per Wis. Admin. Code § NR 716.07(2).

Notify the Department, in writing, of any deviations from the work plan as soon as practical.

Schedule and Reporting:

- Notify the department one week before field work occurs.
- 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 § NR 716.14(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 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 Department 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,

A handwritten signature in cursive script, reading "Caroline Rice". The signature is written in black ink on a white background.

Caroline Rice
Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources

cc: Brad Dal Santo, GEI
Issac Ross, DNR
Arthur Watkinson, DNR
Gregory Roanhouse, DNR