



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

Enbridge Energy - Line 5 - Straits of Mackinac

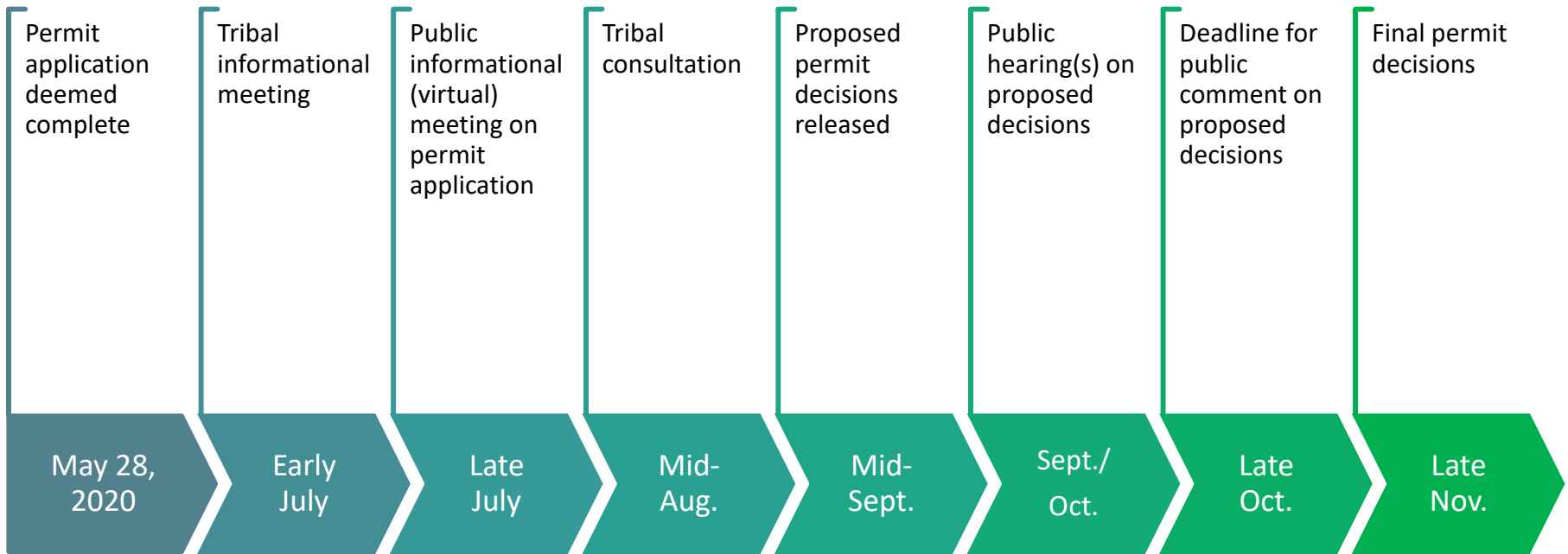
NPDES Permits

National Pollutant Discharge Elimination System (NPDES) Permits

- NPDES permits are issued under the provisions of the Federal Water Pollution Control Act (aka Clean Water Act), as amended and Michigan Act 451, Public Acts of 1994, as amended, Parts 31 and 41.
- United States Environmental Protection Agency (USEPA) delegated authority to Michigan to issue NPDES permits.

An NPDES permit is required for any discharge into the surface waters of the State

NPDES Permit Timeline



MiWaters

- Online system for EGLE Water Resources Division permitting, permit compliance, spill reporting, and public information.
- NPDES, Groundwater, Resource Permitting, Aquatic Nuisance Control, Wastewater Construction

MiWaters

EGLE MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MiWaters

NPDES, Groundwater, Resource Permitting, Aquatic Nuisance Control, Wastewater Construction

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Sign In



Permitting & Compliance

What can I do here?

For registered users, MiWaters is the portal to several types of actions:

- **Apply for permits**
- **Manage your permits (pay fees, apply for renewals)**
- **Submit reports (required by your permit or certification)**
- **Submit service requests**
- **View issued permits**
- **See your notifications**
- **Review evaluations / site inspections**

To get started, you'll need an account.

[CREATE A MIWATERS ACCOUNT](#)

[Sign in with an existing account](#)

Public Information and Services

These services are provided to be freely used by the public; no account is necessary to make use of them.



Public Notice Search

Find public notices, hearings, and other events. Access documents made available to the public.



CSO/SSO Discharge Search

Search for Combined Sewer Overflow (CSO), Retention Treatment Basin (RTB), and Sanitary Sewer Overflow (SSO) discharge events



Site Map Explorer

Use our mapping tools and advanced search capabilities to navigate all available Water Resources Division public site information.

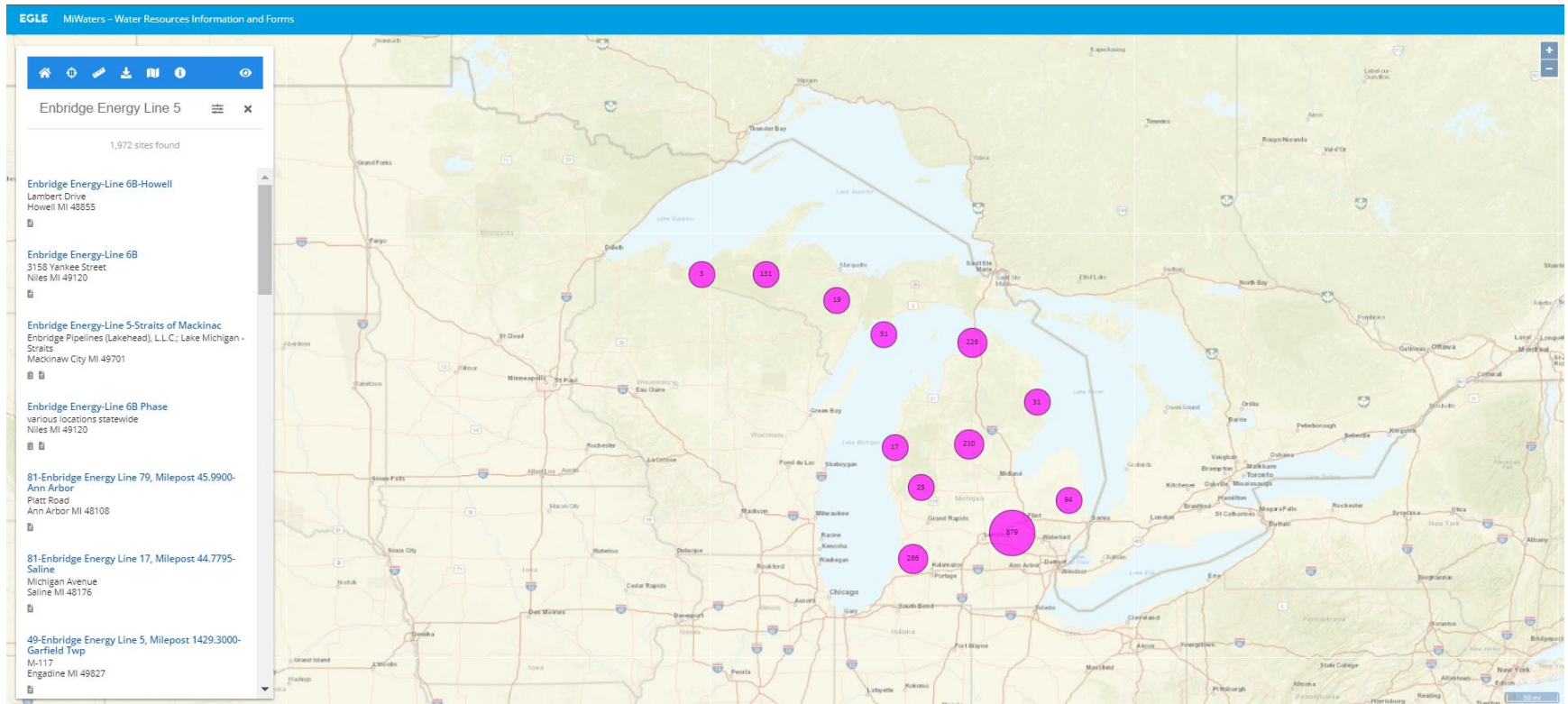


Report Spills, Pollution, Unauthorized Activities

Report observed spills, pollution, or any other unauthorized activities in wetlands, lakes or streams. File a report with complete anonymity if you choose.



MiWaters



MiWaters

EGLE MiWaters - Water Resources Information and Forms

Enbridge Energy Line 5


1,972 sites found

- Enbridge Energy-Line 6B-Howell
Lambert Drive
Howell MI 48855
- Enbridge Energy-Line 6B
3158 Yanvee Street
Niles MI 49120
- Enbridge Energy-Line 5-Straits of Mackinac**
Enbridge Pipelines (Lakehead), L.L.C.; Lake Michigan - Straits
Mackinaw City MI 49701
- Enbridge Energy-Line 6B Phase
various locations statewide
Niles MI 49120
- 81-Enbridge Energy Line 79, Milepost 45.9900-
Ann Arbor
Platt Road
Ann Arbor MI 48108
- 81-Enbridge Energy Line 17, Milepost 44.7795-
Saline
Michigan Avenue
Saline MI 48176
- 49-Enbridge Energy Line 5, Milepost 1429.3000-
Garfield Twp
M-117
Engadine MI 49827

Enbridge Energy-Line 5-Straits of Mackinac

Enbridge Pipelines (Lakehead), L.L.C.; Lake Michigan - Straits
Mackinaw City MI 49701

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Environmental Interests

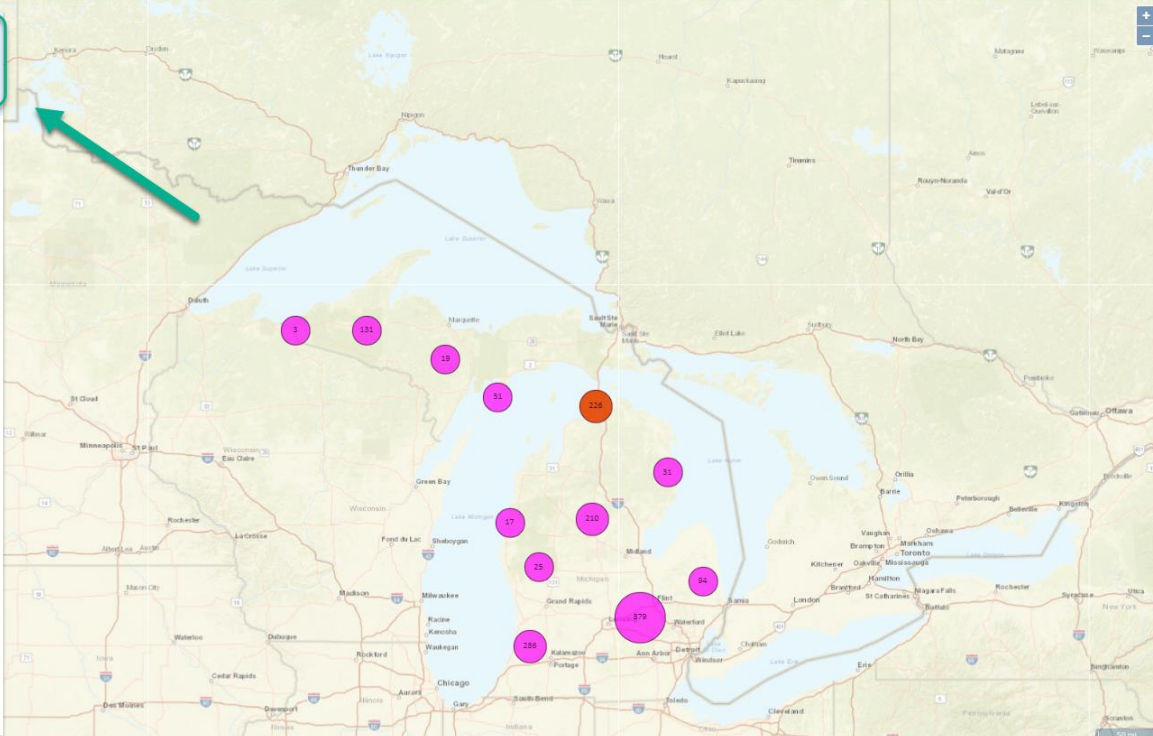
Resources Individual Permit: WRP008225 v1.1 -
Effective 03/22/2018 to 03/22/2023 (In Effect)
Resources Individual Permit: WRP014208 v1.0 -
Effective 11/30/2018 to 11/30/2023 (In Effect)
Resources Individual Permit: WRP014208 v1.1
[Date Missing] to 11/30/2023 (Issued (Not In Effect))
Resources Individual Permit: WRP014865 v1.1 -
Effective 01/22/2019 to 01/22/2024 (In Effect)
Resources Individual Permit: WRP015016 v1.0 -
Effective 02/22/2019 to 02/22/2024 (In Effect)
Wetland Identification Application (WIP Request)

Violations

Total 1

Documents

Total 112



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Enbridge Pipelines (Lakehead), L.L.C.; Lake Michigan - Straits
Mackinaw City MI 49701

PROFILE | MAP | ENVIRONMENTAL INTERESTS | COMPLIANCE | DOCUMENTS

Environmental Interests

Resources Individual Permit: WRP014208 v1.1 [Date Missing] to 11/30/2023 (Issued) (Not In Effect)

EXPIRATION
11/30/2023

SOURCE SYSTEM
Water Resources Information and Forms

SOURCE SYSTEM ID
WRP014208

Resources Individual Permit: WRP014865 v1.1 - Effective 01/22/2019 to 01/22/2024 (In Effect)

EFFECTIVE
01/22/2019

EXPIRATION
01/22/2024

SOURCE SYSTEM
Water Resources Information and Forms

SOURCE SYSTEM ID
WRP014865

Resources Individual Permit: WRP015016 v1.0 - Effective 02/22/2019 to 02/22/2024 (In Effect)

EFFECTIVE
02/22/2019

EXPIRATION
02/22/2024

SOURCE SYSTEM
Water Resources Information and Forms

SOURCE SYSTEM ID
WRP015016

Resources Individual Permit: WRP014208 v1.0 - Effective 11/30/2018 to 11/30/2023 (In Effect)

EFFECTIVE
11/30/2018

EXPIRATION
11/30/2023

SOURCE SYSTEM
Water Resources Information and Forms

SOURCE SYSTEM ID
WRP014208

Resources Individual Permit: WRP008225 v1.1 - Effective 03/22/2018 to 03/22/2023 (In Effect)

Wetland Identification Application (WIP Request)

RECEIVED

Geopolitical

BASIN
Boardman-Charlevoix, Brevoort-Millecoquins, Lake Michigan

COUNTY
Emmet, Mackinac

HUC12
040601050601, 040601070101, 040602000000

HUC8
04060105, 04060107, 04060200

TR
39N04W, 40N04W

TRS
39N04W10, 39N04W11, 40N04W23

TRSQQ
39N04W10SENE, 39N04W10ESE, 39N04W115WNW, 39N04W115WSW, 40N04W23SENE

Site Codes

SIC
1622 Bypass, Tunnel, and Elevated Highway Construction

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Mackinaw City MI 49701

PROFILE MAP ENVIRONMENTAL INTERESTS COMPLIANCE DOCUMENTS

SHOW LESS INFORMATION

DOWNLOAD 0 DOCUMENTS Select All 112 Documents Clear Selections

Date	File	Type	Description
06/02/2020	Post-Construction Water Management_NPDES_GLTP_06022020.pdf v3	Application/Request HNY-TBJC-PNKS	Application/Request : Attachments imported from nForm Submission
06/02/2020	Construction Flow Diagram_South Side_NPDES_GLTP_06022020.pdf v3	Application/Request HNY-TBJC-PNKS	Application/Request : Attachments imported from nForm Submission
06/02/2020	Enbridge Response Letter_NPDES_GLTP_06022020.pdf v3	Application/Request HNY-TBJC-PNKS	Application/Request : Attachments imported from nForm Submission
06/02/2020	Antidegradation_Demonstration_NPDES_GLTP v3	Application/Request HNY-TBJC-PNKS	Application/Request : Attachments imported from nForm Submission
06/02/2020	Narrative Description_Construction Flow Diagram_North Side_NPDES_GLTP_05182020.pdf v3	Application/Request HNY-TBJC-PNKS	Application/Request : Attachments imported from nForm Submission

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NPDES Permits

Construction

- Water withdrawn from the Straits will be used to excavate material out of the tunnel in the form of a slurry.
- The slurry and other construction-related wastewaters will be treated for solids removal, a portion reused in the tunneling process, and the remainder sent to a settling pond.
- Water from this pond would be treated to meet water quality standards and then discharged into the Straits.

Post Construction

- Both storm water and groundwater that infiltrates into the shaft and tunnel will be captured and handled in a manner that treats contaminants before being discharged into the Straits.
- Storm water and groundwater will be directed to an infiltration basin for holding until it gradually infiltrates into the underlying soil.
- During large wet weather events, excess water will flow out of the basins into the Straits.

NPDES Permits

Hydrostatic Pressure Test Water

- If constructed, the finished pipeline is first filled with water and pressured to ensure it has been properly constructed and does not leak.
- The hydrostatic test of the pipeline is a process that would be authorized in accordance with the general NPDES permit for hydrostatic pressure test water. A certification that the hydrostatic test would be performed in compliance with the general permit may be issued separately to Enbridge.
- The proposed hydrostatic test would likely use approximately 1 million gallons of water during a single test. After the test was performed, the water would be pumped into the treatment system prior to being discharged back into the Straits.

Michigan Department of
Environment, Great Lakes, and Energy



Public comments can be submitted via email to
EGLE-Enbridge-Comments@Michigan.gov