

**Instructions on page 6**

The National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates wastewater discharges to land and surface waters. This form is required for all applicants, except permit termination/transfer.

Complete the application by typing or printing in black ink. Attach additional sheets as necessary. For more information, please contact the Minnesota Pollution Control Agency (MPCA) at: In Metro Area: 651-296-6300 or Outside Metro Area: 800-657-3864.

<b>MPCA use only</b>
Permit Number
Date received (mm/dd/yyyy)

**Applications that are submitted without an authorized signature, the required application fee, and attachments will be returned.** Please make a copy for your records. Send the completed permit application, attachments (*including plans and specifications, if applicable*), and check to:

Attn: Fiscal Services – 6<sup>th</sup> floor  
 Minnesota Pollution Control Agency  
 520 Lafayette Road North  
 St. Paul, MN 55155-4194

## Existing permit information

Existing Permittee name: NA Existing Permit number: MN

## Contact information

### 1. Facility owner

Organization name: Enbridge Energy, Limited Partnership ("Enbridge"); Attn: Barry Simonson  
 Mailing address: 26 East Superior Street, Suite 309  
 City: Duluth State: MN Zip: 55802  
 Telephone: 218-522-4825 Fax: \_\_\_\_\_ Email: Barry.Simonson@enbridge.com  
 Authorized agent: Angela Ronayne, Merjent. Inc Title: Senior Project Manager

### 2. Facility operator

Organization name: Same as Owne  
 Mailing address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
 Authorized agent: \_\_\_\_\_ Title: \_\_\_\_\_

#### 24-hour Emergency contact backup:

Name: Kristy DeVera Phone: (218)-340-3136

### 3. Discharge Monitoring Report contact

Organization name: Enbridge Energy, Limited Partnership  
 Name: Barry Simonson Title: Project Director  
 Mailing address: 26 East Superior Street, Suite 309  
 City: Duluth State: MN Zip: 55802  
 Telephone: (218) 522-4825 Fax: \_\_\_\_\_ Email: Barry.Simonson@enbridge.com

### 4. Billing contact

Organization name: Enbridge Energy, Limited Partnership  
 Name: Barry Simonson Title: Project Director  
 Mailing address: 26 East Superior Street, Suite 309  
 City: Duluth State: MN Zip: 55802  
 Telephone: 218) 522-4825 Fax: \_\_\_\_\_ Email: Barry.Simonson@enbridge.com

#### 24-hour Emergency contact backup:

Name: Bobby Hahn Phone: (218) 269-6377

**5. Engineer or Consultant**

Organization name: Merjent, Inc.  
 Name: Angela Ronayne Title: Senior Project Manager  
 Mailing address: 800 Washington Ave, Suite 315  
 City: Minneapolis State: MN Zip: 55401  
 Telephone: (612-746-3669) Fax: \_\_\_\_\_ Email: aronayne@merjent.com

**Certified operator information** (if applicable)

*Certified operators are required for all municipal facilities and for industrial land application facilities.*

**6. Main certified operator**

Name: Not Applicable Title: \_\_\_\_\_  
 Certification (check all that apply):  A  B  C  D  Type IV  Type v  
 Certification number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

**7. Other certified operator(s)** (attach additional sheets if necessary)

Name: Not Applicable Title: \_\_\_\_\_  
 Certification (check all that apply):  A  B  C  D  Type IV  Type v  
 Certification number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Certification (check all that apply):  A  B  C  D  Type IV  Type v  
 Certification number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Certification (check all that apply):  A  B  C  D  Type IV  Type v  
 Certification number: \_\_\_\_\_ Expiration date: \_\_\_\_\_

**Facility information**

**8. Facility information** (Sand and gravel facilities can skip to #9.)

Facility name: Line 3 Replacement Projec  
 Street address: Linear Corridor - mailing address provided under Facility Operator  
 Project legal descriptions provided in Supplement to the Application for an Individual NPDES/SDS Permit  
 City/Township: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 County: \_\_\_\_\_

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T N	R <input type="checkbox"/> E <input type="checkbox"/> W			
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected
		NAD83	DOQ	Sept 2018

9. Is the facility located on tribal land?  Yes  No If yes, also apply to U.S. Environmental Protection Agency (EPA), Region V, John Coletti (312-886-6106).

10. The 1993 Legislature revised the MPCA’s responsibilities in Minn. Stat. § 115.03, subd. 1 (e)(10) “Requiring that applicants for wastewater discharge permits evaluate in their applications the potential reuses of the discharged wastewater;”  
 As a result of this 1993 Law, the MPCA has been charged with requiring permit applicants to evaluate the reuse potential of their wastewater prior to discharge. Therefore, please provide an evaluation below of reuse potential of your wastewater prior to discharge. Some ideas include lawn watering, irrigation of parks or public property, use of cooling tower blowdown for thermal discharges, wetland reclamation, etc.

Enbridge is proposing to discharge hydrostatic test water associated with the hydrostatic testing of a new pipeline in Minnesota. Enbridge will follow the hydrostatic testing specifications established by the U.S. Department of Transportation’s Pipeline and Hazardous Materials Safety Administration (“PHSMA”), which require that the test medium be water. Hydrostatic tests will be conducted along the Project for each mainline spread segment and for each horizontal direction drill (“HDD”) crossing. Each spread and HDD segment will be filled with water and capped, and then pressurized

until it reaches 2,000-2,200 pounds per square inch (psi) (100% to 110% of the specified minimum yield strength of the pipe). For aboveground HDD segment tests, the pressure is maintained for 4 hours, and for below-ground mainline spread segment tests, the pressure is maintained for 8 hours. PHMSA specifications as well as internal specifications govern the number of mainline spread segments. For example, elevation differences between segments require that test sections be broken up in certain areas. It is anticipated that L3R will require hydrostatic testing of 14 mainline spread segments and 18 pre-built HDD segments. Test sections will typically require between 100,000 to 11,000,000 gallons of water per segment depending on the length of the pipe segment. The separation in segments and variation in the volume of water required to test each segments limits Enbridge's ability to reuse the same water from one segment to the next. In order to reuse water, Enbridge would likely have to store large volumes of water in tanks or water trucks which would require additional construction workspace, increase the amount of traffic along the right-of-way and access roads, and therefore, increase congestion, air emissions, road maintenance, and public safety concerns.

After testing is complete, the pressure is reduced and the water is discharged back to the source water after appropriate treatment (mainline hydrostatic tests), or discharged to an upland or wetland after appropriate treatment (HDD hydrostatic tests). By discharging back to the water source, Enbridge is able to restore the volume of the source water as quickly as possible and therefore minimize any potential effects to the source waterbody. Discharge to an upland is the preferred method for discharges associated with HDD hydrostatic tests; these discharges will be managed through an infiltration structure or filter bag. The water will infiltrate and there will be no discharge to a receiving water. Discharge to a wetland is used only for discharges associated with HDD hydrostatic tests where upland locations are not available. In this situation, the water is still discharged back to the same watershed as the source water. Refer to Section 6.0 of the Antidegradation Assessment (Attachment A) for a discussion of other alternatives considered."

11. List all environmental permits the facility has received or applied for:  
 Refer to Attachment B of the Supplement to the Application for an Individual NPDES/SDS Permit

**Surface water discharge** (Sand and gravel facilities can skip to the application information section.)

12. Does the facility discharge to a surface water of the state?  Yes  No  
*If no, the surface water discharge section does not need to be completed.*
13. Identify all surface water discharge stations.

**Station ID:** SD See Supplement to the Application for an Individual NPDES/SDS Permit

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W			
Latitude		Longitude		Datum	Coordinate collection method	Date coordinate collected
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected	
			NAD83	DOQ	Sept 2018	
Receiving water:						

**Station ID:** SD

Township (26-71 or 101-168)		Range (1-51)		Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W			
Latitude		Longitude		Datum	Coordinate collection method	Date coordinate collected
UTM Northing	UTM Easting	UTM Zone	UTM Datum	Coordinate collection method	Date coordinate collected	
Receiving water:						

**Groundwater monitoring wells**

14. Are there groundwater monitoring wells at the facility?  Yes  No  
*If no, the groundwater monitoring wells section does not need to be completed.*
15. Identify all groundwater monitoring well station locations:

**Station ID: GW**

<b>Township</b> (26-71 or 101-168)		<b>Range</b> (1-51)		<b>Section</b> (1-36)		<b>¼ Section</b> (NW, NE, SW, SE)		<b>¼ of ¼ Section</b> (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
<b>UTM Northing</b>		<b>UTM Easting</b>		<b>UTM Zone</b>		<b>UTM Datum</b>		<b>Coordinate collection method</b>	

**Station ID: GW**

<b>Township</b> (26-71 or 101-168)		<b>Range</b> (1-51)		<b>Section</b> (1-36)		<b>¼ Section</b> (NW, NE, SW, SE)		<b>¼ of ¼ Section</b> (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
<b>UTM Northing</b>		<b>UTM Easting</b>		<b>UTM Zone</b>		<b>UTM Datum</b>		<b>Coordinate collection method</b>	

**Station ID: GW**

<b>Township</b> (26-71 or 101-168)		<b>Range</b> (1-51)		<b>Section</b> (1-36)		<b>¼ Section</b> (NW, NE, SW, SE)		<b>¼ of ¼ Section</b> (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
<b>UTM Northing</b>		<b>UTM Easting</b>		<b>UTM Zone</b>		<b>UTM Datum</b>		<b>Coordinate collection method</b>	

**Station Locations**

16. Identify all other permitted station locations not identified above:

**Station ID: No other permitted station locations are proposed.**

Station type:  Influent Waste Stream (WS)  Internal Waste Stream (WS)  Surface Water Monitoring (SW)  
 Land Application (LA)  Other (specify): \_\_\_\_\_

<b>Township</b> (26-71 or 101-168)		<b>Range</b> (1-51)		<b>Section</b> (1-36)		<b>¼ Section</b> (NW, NE, SW, SE)		<b>¼ of ¼ Section</b> (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
<b>Latitude</b>		<b>Longitude</b>		<b>Datum</b>		<b>Coordinate collection method</b>		<b>Date coordinate collected</b>	

Surface water (surface water monitoring stations only): \_\_\_\_\_

**Station ID:**

Station type:  Influent Waste Stream (WS)  Internal Waste Stream (WS)  Surface Water Monitoring (SW)  
 Land Application (LA)  Other (specify): \_\_\_\_\_

<b>Township</b> (26-71 or 101-168)		<b>Range</b> (1-51)		<b>Section</b> (1-36)		<b>¼ Section</b> (NW, NE, SW, SE)		<b>¼ of ¼ Section</b> (NW, NE, SW, SE)	
T	N	R	<input type="checkbox"/> E <input type="checkbox"/> W						
<b>Latitude</b>		<b>Longitude</b>		<b>Datum</b>		<b>Coordinate collection method</b>		<b>Date coordinate collected</b>	

Surface water (surface water monitoring stations only): \_\_\_\_\_

**Station ID:**

Station type:  Influent Waste Stream (WS)  Internal Waste Stream (WS)  Surface Water Monitoring (SW)  
 Land Application (LA)  Other (specify): \_\_\_\_\_

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
T N	R <input type="checkbox"/> E <input type="checkbox"/> W			
Latitude	Longitude	Datum	Coordinate collection method	Date coordinate collected
Surface water (surface water monitoring stations only):				

## Submittals

- The applicable application and any applicable attachments required by the application.
- Map: attach a U.S. Geological Survey topographical map or similar that indicates the location of the existing or proposed facility, the location of the stations identified above, the receiving water (if applicable) and any additional information required by the applications applicable to your facility.
- Schematic: attach a schematic of the treatment facility that includes all facility components, indicating the direction of wastewater flow and the location of the stations identified above.
- (Industrial facilities only) Flow Diagram or Water Balance Diagram: attach a flow diagram on the process in its entirety from raw water to discharge.
- (Major Municipal facilities only) Facility Description: attach a facility description that describes the collection system and wastewater treatment facility.

**Note:** Please ensure this form and all applicable applications and attachments are complete. Incomplete applications will be returned. Review your existing NPDES/SDS Permit to ensure all required submittals have been completed. Failure to complete the application for reissuance or failure to complete requirements of the existing permit is considered a violation and may be subject to enforcement.

## Application fees

An application fee is required under Minn. Stat. § 116.07, subd. 4d (1990) and Minn. R. ch. 7002 (Permit Fee Rules). The application fee is determined by the type of permit you are applying for. Please make your check payable to the MPCA.

Indicate which type of permit you are applying for:

**(refer to flow chart on page 8 of the instructions to determine the appropriate fee category)**

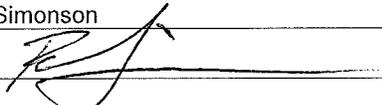
- |  |   |
|--|---|
| <input type="checkbox"/> Individual Permit Reissuance, no modifications: \$1240                            | <input checked="" type="checkbox"/> Individual Permit Issuance: \$9300                |
| <input type="checkbox"/> Individual Permit Reissuance, modifications: \$2480                               | <input type="checkbox"/> Individual Pretreatment Permit Issuance: \$2480              |
| <input type="checkbox"/> Individual Permit Reissuance, construction: \$2480                                | <input type="checkbox"/> Individual Dredge Materials Disposal Permit Issuance: \$2480 |
| <input type="checkbox"/> Individual Permit Reissuance, construction, increased design flow: \$9300         | <input type="checkbox"/> Individual Stormwater Permit Issuance: \$400                 |
| <input type="checkbox"/> Individual Permit Minor Modification: \$1240                                      | <input type="checkbox"/> Biosolids Treatment or Storage Permit Issuance: \$9300       |
| <input type="checkbox"/> Individual Permit Major Modification: \$2480                                      | <input type="checkbox"/> General Permit (MNG) Reissuance: \$1240                      |
| <input type="checkbox"/> Individual Permit Major Modification, construction: \$2480                        | <input type="checkbox"/> General Permit (MNG) Issuance: \$1240                        |
| <input type="checkbox"/> Individual Permit Major Modification, construction, increased design flow: \$9300 | <input type="checkbox"/> General Permit (MNG) Modification: \$1240                    |

## Certification

Federal Regulations (40 CFR Part 122.22) and State Regulations (Minn. R. 7001.0060) require all permit applications to be signed as follows:

- A. For a corporation: by a responsible corporate officer. For the purpose of this permit, a responsible corporate officer means: 1) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or 2) The manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having a gross annual sales or expenditures exceeding 425 million, if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- B. For a partnership or sole proprietorship: by a general partner or the proprietor, respectively.
- C. For a municipality, county or other political subdivision: by a principal executive officer or ranking elected official.
- D. For a state, federal or other public agency/agents: by a commissioner, assistant or deputy commissioner; director, assistant or deputy director.

*"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."*

Printed name: Barry Simonson Title: Project Director  
Authorized signature:  Date (mm/dd/yyyy): 10/29/2018  
State tax ID#: 716599400049 Federal tax ID#: 41-2004784