Application for Authorization to Discharge Dredged or Fill Material to Isolated Wetlands and/or Waters of the State

State Form 51821 (R / 10-04)

Indiana Department of Environmental Management

INSTRUCTIONS: *1. Read the instruction sheet before filling out this form.*

2. You must complete all applicable sections of this form

1. Applicant Information	2. Agent Information
Name of Applicant: Enbridge Energy, Limited Partnership	Name of Agent:
Mailing address: (Street/ PO Box/ Rural Route, City, State, ZIP Code) 1409 Hammond Avenue, 2nd Floor, Superior, WI 54880	Mailing address: (Street/ PO Box/ Rural Route, City, State, ZIP Code)
Daytime Telephone Number: (715) 398-4699	Daytime Telephone Number:
Fax Number: (832) 325-5550	Fax Number:
E-mail address: (optional) Rachael.Shetka@enbridge.com	E-mail address: (optional)
Contact person: (required) Rachael Shetka	Contact person:

3. Project/Tract Location

County: Lake and LaPorte Counties		Nearest city or town:	
U.S.G.S. Quadrangle map name (Topographic map):		Project street address (if applicable):	
Quarter:	Section:	Township:	Range:
Type of aquatic resource(s) to be impacted: (Attach Worksheet One) Wetland and Waterbodies		Project name or title: (if applicable) Line 6B 2012 Maintenance and Rehabilitation Project	

Other location descriptions or driving directions:

Project consists of approximately 10 miles along an existing pipeline in Lake and LaPorte Counties.

4. Project Purpose and Description (*Use additional sheet(s) if **required***)

Has any construction been started? ☐ Yes ☒ No	Anticipated start date: 8/1/2012

If yes, how much work is completed?

Purpose of project and overview of activities:

Enbridge Energy owns and operates Line 6B, a 30-inch-diameter crude oil and liquid petroleum pipeline, in the state of Indiana. The Line 6B 2012 Maintenance and Rehabilitation Project ("Project") includes two approximately 5-mile-long replacement segments in Lake and LaPorte County, Indiana. This Project needs to proceed this year as part of Enbridge's pipeline integrity and maintenance program and will reduce the amount and frequency of future maintenance activities along this pipeline. Enbridge will construct the pipeline replacement segments by following several typical sequential pipeline construction procedures, including: survey and staking; clearing and site preparation; pipe stringing, bending, welding; trenching; lowering-in and backfilling; hydrostatic testing; and cleanup and restoration. See attached supplement for additional information.

5. Avoidance, Minimization, and Mitigation Information: Applicants must answer all of the following questions
(*Use additional sheet(s) if necessary - provide a detailed response to all applicable questions*).

A. For projects with Class II isolated wetlands –

1. Is there a reasonable alternative to the proposed activity?

N/A

2. Is the proposed activity reasonably necessary or appropriate?

B. For projects with Class III wetlands, adjacent wetlands, and/or streams, rivers, lakes or other water bodies –

1. Is there a practicable alternative to the proposed activity?

N/A

2. Have practicable and appropriate steps to minimize impacts to water resources been taken?

Describe all compensatory mitigation required for unavoidable impacts.

Compensatory mitigation includes the restoration of an approximately 70-acre site in Pine Township, Porter County, Indiana. The 70-acre plot of land will be restored to 12.3 acres of forested wetlands, 1.5 acres of scrub-shrub wetlands, 17.7 acres of emergent/inundated wetlands, and 34.7 acres of an herbaceous dry to mesic prairie grassland. A monitoring plan is also in place to document the attainment of ecologically-based performance standards. See attached supplement for additional information.

6. Drawing/Plan Requirements *(applicants must provide the following)*

a. Top/aerial/overhead views of the project site showing existing conditions and proposed construction.
b. Cross sectional view of areas of fill or alterations to streams and other waters.
c. North arrow, scale, property boundaries.
d. Include wetland delineation boundary (if applicable). Label all wetlands (jurisdictional, isolated and exempt) as I-1, I-2, I-3, etc. and the mitigation areas as M-1, M-2, etc.
e. Location of all surface waters, including wetlands, erosion control measures, existing and proposed structures, fill and excavation locations, disposal area for excavated material, including quantities, and wetland mitigation site (if applicable).
f. Approximate water depths and bottom configurations (if applicable).

7. Supplemental Application Materials *(applicants must provide the following)*

a. A wetland delineation of all wetlands on the project site (for projects with wetland impacts).
b. At least three photographs of the project site. Indicate the photo locations on the project plans.
c. If isolated wetlands are present, a letter from the Corps of Engineers verifying this statement.
d. Wetland mitigation plan and monitoring report.
e. Classification of all isolated wetlands on the tract (if isolated wetlands are present onsite).
f. Copies of all applicable local permits and/or resolutions pertaining to the project or tract.
g. Tract history (see instructions).

8. Additional information that MAY be required *(IDEM will notify you if needed)*

a. Erosion control and/or storm water management plans.
b. Sediment analysis.
c. Species surveys for fish, mussels, plants and threatened or endangered species.
d. Stream habitat assessment.
e. Any other information IDEM deems necessary to review the proposed project.

9. Permitting Requirements

a. Does this project require the issuance of a Department of the Army Section 404 Permit from the US Army Corps of Engineers? ☒ Yes ☐ No

If no, you do not need to answer Part b.

b. Have you applied for an Army Corps of Engineers Section 404 permit? ☒ Yes ☐ No

If yes, please supply the Corps of Engineers ID Number, the Corps of Engineers District, the project manager, and a copy of any correspondence with the Corps. **If no, contact** the Army Corps of Engineers regarding the possible need for a permit application.

Application was submitted on January 16, 2012.

c. Have you applied for, received, or been denied a permit from the Department of Natural Resources for this project? ☐ Yes ☒ No

Please give the permit name, permit number, and date of application, issance or denial..

d. Have you applied for, received, or been denied any other federal, state, or local permits, variances, licenses, or certifications for this project?
☒ Yes ☐ No

Please give the permit name, agency from which it was obtained, permit number, and date of issuance or denial.

Sec. 7 Consultation -USFWS; Sec. 106 Consultation -IN DHPA; County Drain permits (see attached for addt'l info)

10. Adjoining Property Owners and Addresses

List the names and addresses of landowners adjacent to the property on which your project is located and the names and addresses of other persons (or entities) potentially affected by your project. Use additional sheet(s) if required.

Name Address City State ZIP Code	Name Address City State ZIP Code
Name Address City State ZIP Code	Name Address City State ZIP Code
Name Address City State ZIP Code	Name Address City State ZIP Code
Name Address City State ZIP Code	Name Address City State ZIP Code
Name Address City State ZIP Code	Name Address City State ZIP Code
Name Address City State ZIP Code	Name Address City State ZIP Code

11. Signature - Statement of Affirmation

I certify that I am familiar with the information contained in this application and, to the best of my knowledge and belief, such information is true and accurate. I certify that I have the authority to undertake and will undertake the activities as described in this application. I am aware that there are penalties for submitting false information. I understand that any changes in project design subsequent to IDEM's granting of authorization to discharge to a water of the state are not authorized and I may be subject to civil and criminal penalties for proceeding without proper authorization. I agree to allow representatives of the IDEM to enter and inspect the project site. I understand that the granting of other permits by local, state, or federal agencies does not release me from the requirement of obtaining the authorization requested herein before commencing the project.

Applicant's Signature: Thomas D. Hodge

Date: 6/14/2012 (mm/dd/yyyy)

Print Name: Thomas Hodge

Title: Project Director

Worksheet – Summary of Onsite Water Resources and Project Impacts

A. Jurisdictional Wetlands (Existing Conditions)		Jurisdictional Wetlands (Proposed Impacts)			
Wetland Type	Size of wetland (acreage)	To be Impacted?	Acreage: Temp	Fill quantity (cys)	ATF
☒ EM ☐ SS ☐ FO	18.62	☒ Yes ☐ No	4.33	0	NA
☐ EM ☒ SS ☐ FO	0.82	☒ Yes ☐ No	0.06	0	NA
☐ EM ☐ SS ☒ FO	23.21	☒ Yes ☐ No	4.6	0	NA
☒ EM ☒ SS ☐ FO	16.02	☒ Yes ☐ No	1.69	0	NA
☒ EM ☐ SS ☒ FO	78.68	☒ Yes ☐ No	21.91	0	NA
☐ EM ☒ SS ☒ FO	11.06	☐ Yes ☒ No	0	0	NA
☒ EM ☒ SS ☒ FO	11.67	☐ Yes ☒ No	0	0	NA

Describe the type and composition of fill material to be placed in wetlands on the project site:

The project will cross 28 wetlands. The native excavated trench material will be backfilled after the pipeline is installed.

Describe the type and composition and quantity (cubic yards) of material proposed to be dredged or excavated from wetlands on the project site:

Approximately 38,938 cubic yards will be temporarily excavated. No permanent fill is proposed for this Project.

B. Isolated Wetlands (Existing Conditions)			Isolated Wetlands (Proposed Impacts)			
Wetland Class	Type	Size of wetland (acreage)	To be Impacted?	Acreage	Fill quantity (cys)	ATF
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			
☐ 1 ☐ 2 ☐ 3	☐ NF ☐ F		☐ Yes ☐ No			

Describe the type and composition of fill material to be placed in isolated wetlands on the project site:

N/A - the COE will assume jurisdiction of all wetlands crossed by the project.

Describe the type and composition and quantity (cubic yards) of material proposed to be dredged or excavated from isolated wetlands on the project site:

C. Bridges and Stream Crossings - provide the following information for EACH structure *(Use additional sheet(s) if required)*

Stream name:
The project will cross four waterbodies. See attached supplement for additional information.

Description of impacts:
These features would be crossed using an open cut wet or dry crossing method.

Length of upstream bank impacts: Left side: Right side:

Length of downstream bank impacts: Left side: Right side:

Bank protection fill placed below the Ordinary High Water Mark: Volume per running foot:

Bank protection fill placed below the Ordinary High Water Mark: Area of coverage:

D. Bank Stabilization – provide the following information for EACH segment (*Use additional sheet(s) if required*)

Water body name:
N/A

Description of impacts:
N/A

Length of shoreline or bank protection:
N/A

Volume (cubic yards) of bank protection fill placed below the Ordinary High Water Mark per running foot:
N/A

Area (square feet) of bank protection fill placed below the Ordinary High Water Mark:
N/A

E. Stream Relocation

Water body name:
N/A

Description of impacts:
N/A

Length of existing channel to be relocated: (linear feet)
N/A

Length of new channel to be constructed: (linear feet)
N/A

Existing channel to be backfilled: ☐ Yes ☐ No

Type of relocation: ☐ Piping ☐ Open Channel ☐ Other: _____

Type of fill and volume: (cubic yards)
N/A

F. Open Water Fill

Water body name:
N/A

Description of impacts:
N/A

Area of water body to be filled: (acres)
N/A

Type of fill and volume: (cubic yards)
N/A