

## Information for File # 2014-03761-LED

<b>Applicant</b>	<b>Enbridge Energy, Limited Partnership</b>
<b>Corps Contact</b>	Leslie E. Day
<b>Address</b>	600 South Lake Avenue STE 211, Duluth, MN 55802
<b>E-Mail</b>	Leslie.E.Day@usace.army.mil
<b>Phone</b>	218-720-5291 Ext 35403
<b>Primary County</b>	Carlton County
<b>Section</b>	1
<b>Township</b>	49N
<b>Range</b>	19W
<b>Information Complete On</b>	<b>October 24, 2014</b>
<b>Posting Expires On</b>	<b>November 15, 2014</b>
<b>Authorization Type</b>	LOP-10-FDL

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. A jurisdictional review and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. At the request of the applicant, an approved jurisdictional determination could be made prior to reaching a permit decision, and would be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

### **PROJECT PURPOSE:**

Enbridge Energy Limited Partnership (Enbridge) is proposing to perform pipeline maintenance within the exterior boundaries of the Fond du Lac Band of Lake Superior Chippewa Reservation located on Line 1 at Mileposts 1061.1710, 1061.3160, 1061.3820, 1061.5540, and 1061.6210. This work is needed to conduct inspections and complete repairs of pipeline anomalies identified through the Enbridge Internal Inspection Program.

**PROJECT DESCRIPTION:**

Access to the repair location would be from one of two options under review: Access Route 1 from Arrowhead Forest Road southeast of the Enbridge right-of-way (ROW), then proceeding southeast on the ROW to the maintenance locations; or Access Route 2 from Axtell Road traveling south, east, and west along a private access road/trail to the Enbridge ROW and then proceeding along the ROW to the maintenance locations. Only one of the two routes would be used to reach all of the maintenance sites to reduce wetland activity. The selected route will be identified prior to issuance of a Department of the Army permit. The route chosen depends upon both the ability to obtain landowner permission and the ability to generate an ice/frost road under winter conditions. Timber mats would be used as necessary to prevent rutting, compaction and mixing of soil layers.

The area around the pipeline would be excavated, visually and physically inspected and repaired as needed. The area excavated will be approximately 30 to 40 feet wide, 60 to 80 feet long and 10 feet deep. Use of a back hoe or similar excavator and trucks for transportation would be required. Temporary rock fill may be placed in the bottom of the excavation site to create a work surface. A physical barrier would be placed below the rock to keep it separate from the native soils. This temporary fill would be removed prior to site restoration which will commence immediately after completion of the repair work. The trench would be backfilled using excavated native soils.

Enbridge anticipates that dewatering activities using pumps will be necessary at the maintenance location. Dewatering activities would be directed to a filtration sediment bag placed inside a double geotextile lined straw bale dewatering structure. The dewatering structure would be located within the wetland near each maintenance site due to the size of the wetland complex.

**NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:**

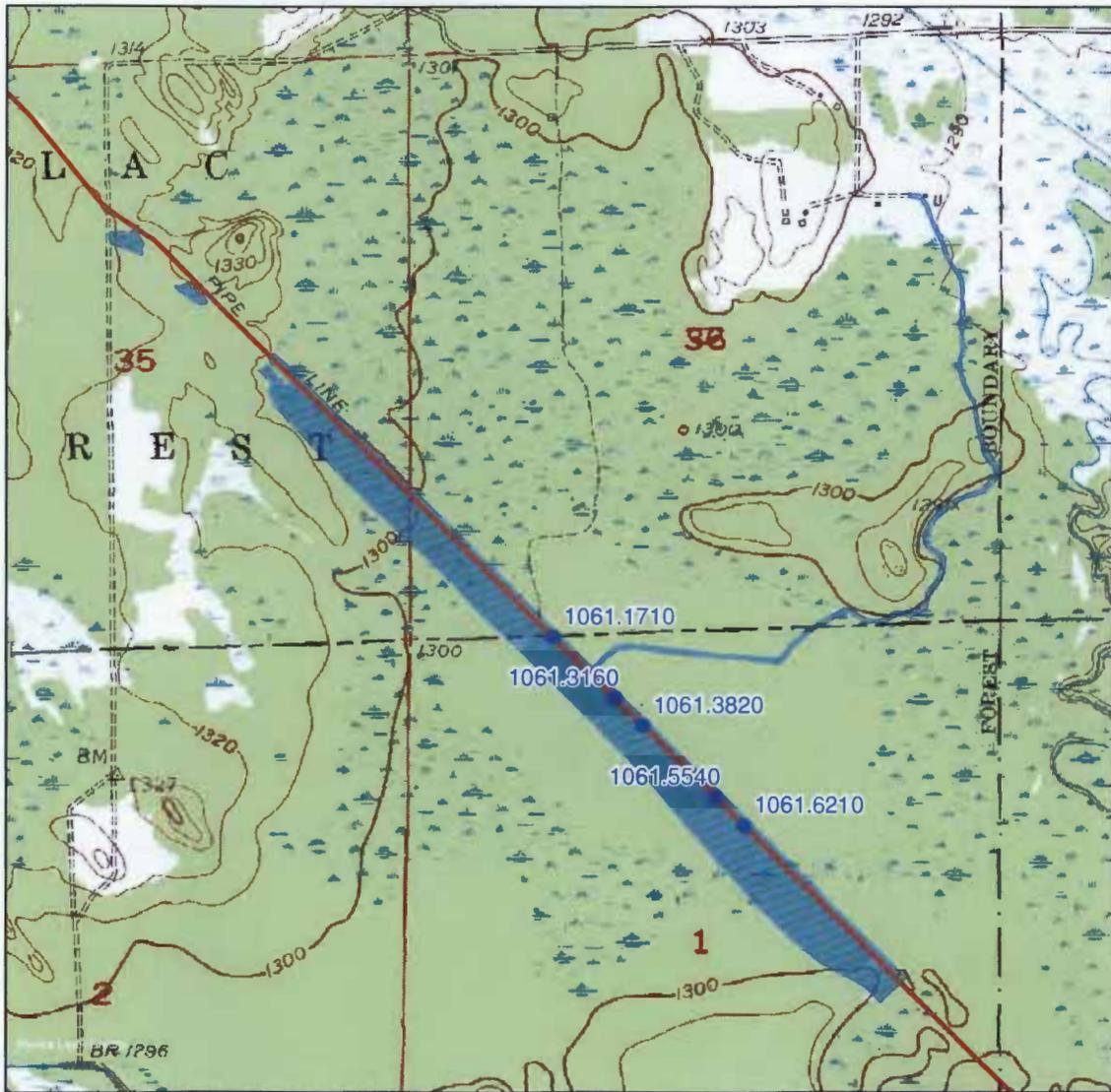
The project would result in temporary disturbance of 237,000 square feet (5.44 acres) via Access Route 1 or 181,000 square feet (4.16 acres) via Access Route 2 of shallow fresh marsh. The work for this project would include the construction of a 16-foot-wide by either 6,000-foot-long (Access Route 1) or 2,500-foot-long (Access Route 2) access route through wetlands, accounting for 96,000 square feet (2.2 acres) via Access Route 1 or 40,000 square feet (0.92 acres) via Access Route 2 of wetland impacts. The work for this project would also include excavation and temporary stockpiling of excavated material from five 40-foot-wide by 80-foot-long by 10-foot-deep inspection and maintenance areas, accounting for 141,000 square feet (3.24 acres) of wetland impacts. Temporary timber mats would be used where necessary to ensure rutting or mixing of wetland soils does not occur. All affected areas, including the approach to the work site, will be restored, seeded, and mulched as necessary to restore the site to pre-construction conditions.

**COMPENSATORY MITIGATION:**

As no permanent wetland impacts would result from the project, the applicant has proposed that no required compensatory mitigation be required.

**DRAWINGS:**

See attached.



- Maintenance Location
- Field Delineated Wetland (2014)



0 1,250 2,500

Feet

1 Inch = 1,250 Feet

Imagery: Esri/Microsoft, 2011

Figure 3-1

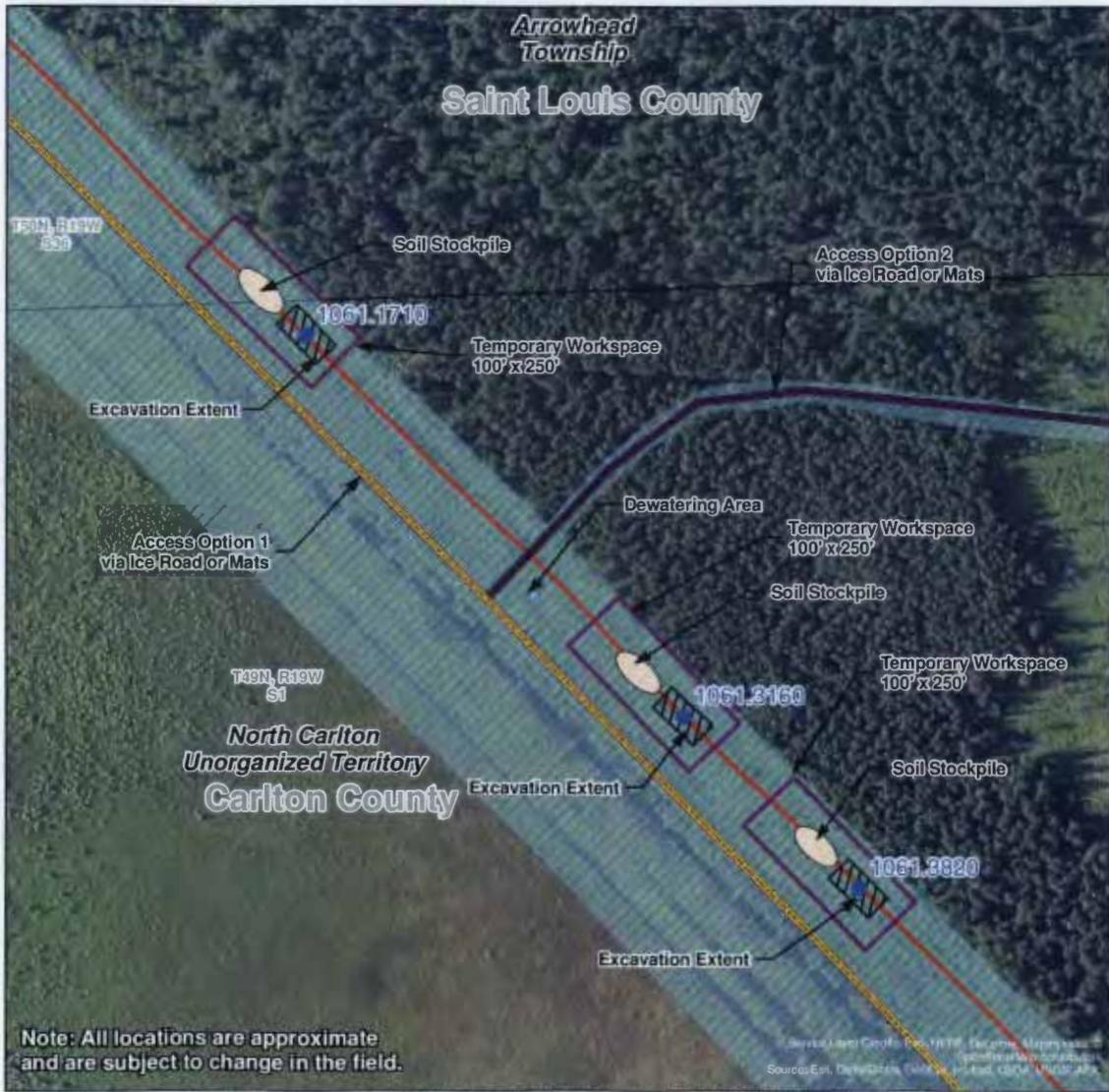
**FIELD DELINEATED WETLAND MAP**

Line 1

Milepost 1061.1710 Through 1061.6210



Bar Footer ArcGIS 10.2, 2014-10-22 11:59 File I:\Client\Enbridge\_Energy\Work\_Orders\Digs\49160146\Maps\Line\_1\032714L1\_1061\_1710\_through\_1061\_6210\_Special\1061\_1710\_Through\_1061\_6210\_Field\_Delineated\_Wetlands\_topo.mxd User mark



- Maintenance Location
- Dewatering Area
- Soil Stockpile
- ▨ Excavation Extent
- Temporary Workspace
- Access Option 1 via Ice Road or Mats
- Access Option 2 via Ice Road or Mats
- Field Delineated Wetland (2014)



Feet  
1 Inch = 200 Feet  
Imagery: Esri/Microsoft, 2011

**SITE PLAN**  
Line 1  
Milepost 1061.1710



San Francisco ArcGIS 10.2.2014-10-20 13:23 File: C:\Users\enbridge\Energy\Work\Orders\Digital\2014\MapLine\_10307443\_1061.1710\_rough\_1061.3020\_Social\1061.1710\_rough1061.3020\_Siteplan.mxd User: nash

