

PROJECT DESCRIPTION:

Access to the project location would be from the east via Township Road 846 and on an existing gravel access road to the Enbridge right-of-way (ROW), and then southeast along the ROW across the wetland labeled w-8r10586 (see drawings). The proposed project would require mowing or cutting hydrophytic vegetation across the wetlands at, or above ground level, within Enbridge's permanently maintained ROW corridor. The vegetation would not be stockpiled across the wetlands.

Exposure of the pipeline allows for minimal excavation that can be completed using hand tools and, only if necessary, a backhoe. Temporary rock fill may be placed in the bottom of the excavation site to create a hard work surface. A physical barrier would be placed below the rock to keep it separate from the native soils. This work surface would be removed prior to backfilling which would commence immediately after completion of the work. The work should not extend into the waterway, however, in the case that it does, Enbridge would implement use of a check dam and erosion control as needed to isolate the work area. Dewatering activities using pumps may be necessary. Discharge will be directed through a filtration device located in a well-vegetated upland, as possible.

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

The project would result in work across 32,900 square feet of Type 8 and Type 3/6 wetlands as well as a stream/pond that is a tributary to Dead Fish Lake. The proposed work in waters of the U.S. is described as follows:

1. A temporary access road approximately 12,000 square feet would be constructed with timber matting across the wetlands. This portion of the project would result in the temporary discharge of fill material into 12,000 square feet of the wetlands.
2. A temporary staging area approximately 20,060 square feet would be constructed across the wetlands to facilitate the excavation activity across wetlands (840 square feet) for the pipeline maintenance. This portion of the project would result in the temporary discharge of dredged and fill material in 20,900 square feet of the wetlands.
3. The 32,900 square feet of temporary wetland impacts would be restored to pre-project conditions.

ALTERNATIVES CONSIDERED:

Project is mandatory maintenance on existing pipelines with no alternatives available for further review.

COMPENSATORY MITIGATION:

The 32,900 square feet of temporary wetland impacts would be restored to pre-project conditions. No compensatory wetland mitigation would be required for the project.

DRAWINGS: See attached.



● Maintenance Location

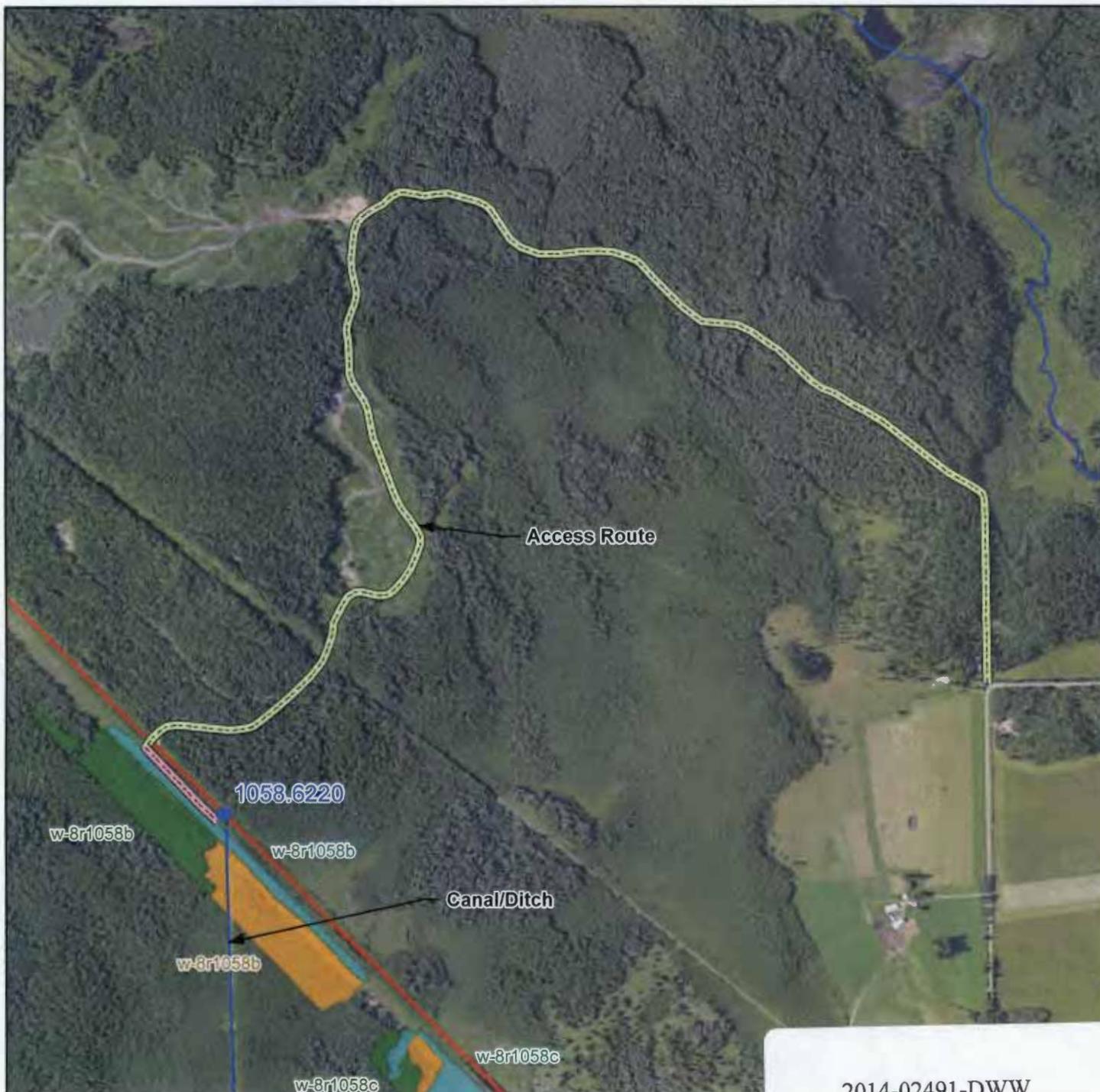
2014-02491-DWW
Drawing 1 of 3



Feet
1 Inch = 2,000 Feet

EXCAVATION SITE LOCATION
Line 1
Milepost 1058.6220





- Maintenance Location
 - Access Route
 - Access Route with Mats
 - Streams
- Surveyed Wetlands**
- PEM (Palustrine Emergent)
 - PFO (Palustrine Forested)
 - PSS (Palustrine Scrub-Shrub)
 - PUB (Palustrine Unconsolidated Bottom)

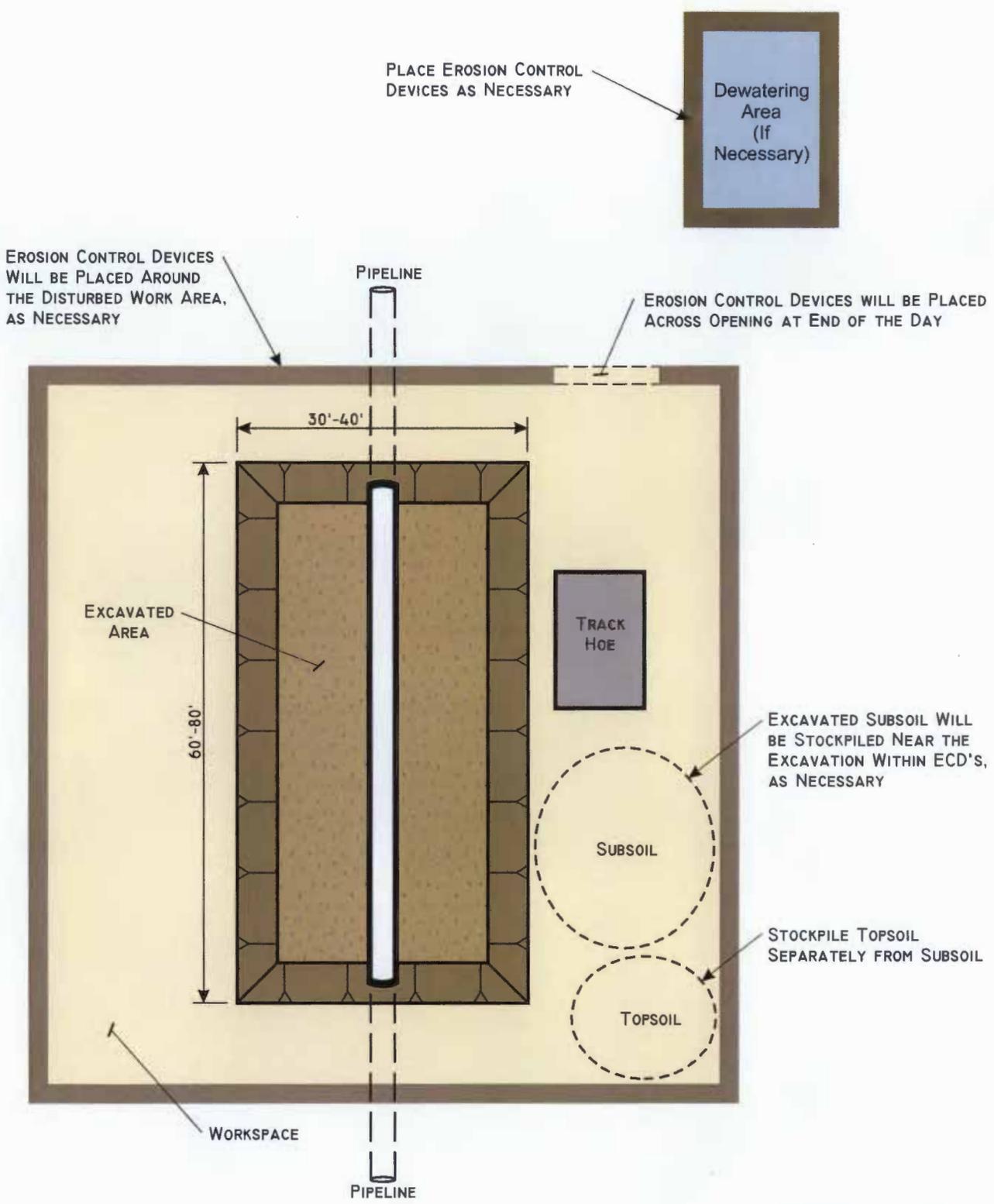


Feet
 1 Inch = 1,000 Feet
 Imagery: Microsoft; 2011

ACCESS ROUTE
 Line 1
 Milepost 1058.6220



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For environmental review purposes only.

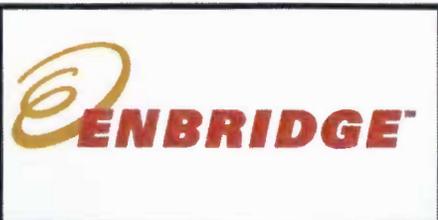


Figure 1
Environmental Mitigation Plan
 Typical Maintenance Excavation
 Plan View

Date: 12/12/2012
Revised: