

Site/Project Location: DAPL Connector Pipeline Project

Date of Inspection: 30 March 2017

Keitu staff visited the DAPL Connector Pipeline Project in Williams County near Epping, ND to perform a construction inspection. Inspection of construction to focus 1) confirming surface disturbance/work occurring within ND PSC approved work corridor and/or route; 2) proficient topsoil segregation occurring; 3) vegetation removal consistent with tree and shrub mitigation plan; 4) depth of cover adequate; 5) archeological monitoring consistent with ND SHPO instructions; as well as other provisions of ND PSC order.

Observed Work / Weather Conditions

The inspection occurred between 10:30am to 2pm with mostly sunny skies and unrestricted visibility. Temperature of 57°F, winds at 4 mph out of the southeast and no precipitation. The right-of-way (ROW) was dry with some standing water due to recent snow melt.

The entire length of the pipeline was inspected. Construction activities observed during the time of visit included backfilling, tie-ins, welding and boring. Topsoil removal was completed throughout the pipeline.

Top Soil Management / Condition / Erosion Control / Stormwater Management

Topsoil and subsoil segregation was still ongoing during the phases of construction. Subsoil was being placed on the opposite side of the ROW away from the topsoil piles. Stormwater management practices were being implemented upon site visit.

Vegetation/Tree and Shrub Removal

No trees or shrubs were removed upon site visit.

Depth of Cover/Road Crossings/River Crossings/Riparian Condition at HDD Bore Sites

Open trench areas observed and measured were at specific depth or deeper. All waterbodies noted were not disturbed upon the site visit. Silt fence was properly installed to protect from sediment runoff. Some sections of the silt fence need to be stapled.

Deficiencies

Sediment runoff was observed in a few areas along the ROW. The erosion control devices located at these areas need to be replaced. Near one of the bore pits, a small section of the subsoil pile was out of the ROW. Onsite personnel confirmed this section was to be backfilled today.

Actions Taken/To Be Taken

Upon visit, Keitu inspector noticed a few areas of concern regarding sediment runoff. Keitu met with 3rd party coordinator and explained these issues. The onsite environmental inspector confirmed the issues would be corrected.

Keitu Inspector: JBM

Project Lead:

James Antognazzi

Inspection Report Submitted: 4-12-17

Report Photo #1 "Topsoil & Subsoil Segregation"



Report Photo #2 "Backfilling Trench"



Report Photo #3 "Sediment Runoff (ROW extends to fence line)"



Report Photo #4 "Silt Fence Protecting Wetland"

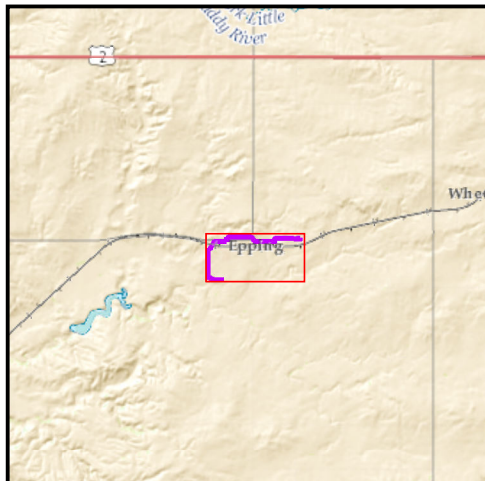


Report Photo #5 "Subsoil Pile Outside of ROW"



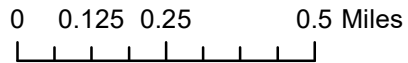
Report Photo #6 "Stripped Topsoil"





Legend

- Report Photos
- DAPL Connector Pipeline
- Township



ND PSC Case No. PU-16-614
Epping Transmission Company, LLC

DAPL Connector Pipeline Project



Created: 4/10/2017