

Site/Project Location: MP 1 Spread 7-8 SE Johnsons Corner Terminal **Date of Inspection:** 24 August 2016
Pipeline ROW southeast of DAPL's Johnsons' Corner terminal in McKenzie County.

Observed Work / Weather Conditions

Visit occurred between 4:20 pm to 4:55 pm. Weather included overcast skies with unrestricted visibility. West wind reportedly at 10-18 mph. No precipitation during visit. No standing water noted. Temperature 66 °F.

ROW restoration activities, with the exception of seeding, appears complete. No active construction activity or equipment in the area of the visit. ROW survey stakes removed.

Top Soil Management / Condition / Erosion Control / Stormwater Management

Top soil appeared to be spread and "roughened" uniformly across width of ROW. Based on hillside subsidence areas adjacent to the ROW, topsoil depth in area approximately 4-6 inches. Fenceline repaired and painted steel gate installed. Blown cut straw (but not crimped) installed in all areas above 8% slope, but beginning to consolidate in low wind zones and at base of hill. Erosion control blanket installed across ROW in three areas including crest of bluff. Slit fence across ROW in one areas in addition to surrounding drainage area near base of bluff on east side (with limited damage). Reseeding was not apparent.

Vegetation Condition

Tree removal extended significantly beyond 85 feet approved in revised ND Public Service Commission order. The narrowest area identified was just short of 127 feet wide. Wider removal noted in other portions of ROW.

Based on files provided by DAPL, permanent ROW appears to be 50 feet wide, while adjacent working areas are 25 feet on east side and 80 feet on west side.

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

No open trenches noted to check pipeline depth of cover. No open water riparian/HDD bore sites to observe.

Other Project Issues

None identified.

Deficiencies

Tree removal extended significantly beyond 85 feet approved in revised ND Public Service Commission order. The narrowest area identified was just short of 127 feet wide. Other portions of the trees in the ROW were removed to even a wider width. No indication, however, that stripped area exceeded area of entire easement.

Blown straw cover was not crimped into topsoil.

Actions Taken/To Be Taken

Will report to PSC staff for follow-up action. Will perform post remediation inspection at this site.

Keitu Inspector: KMS

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Site Inspection Trip Report – August 24, 2016

Report Photo #1 "Inspection Area Overhead Aerial Photo":

Centroid at 47.7863°N 102.9051°W



Report Photo #2 "Pipeline ROW Southeast of Johnsons Corner Looking SSW":

47.7878°N 102.9042°W



Report Photo #3 "Narrowest Point of Tree Removal 126 feet 9 inches":

47.7863°N 102.9055°W



Report Photo #4 "Narrowest Point of Tree Removal Looking East":

47.7863°N 102.9055°W



Report Photo #5 "High Slope on North Side of Bluff Looking ESE":

47.7861°N 102.9055°W



Project Map Inspection Location:

Southeast of DAPL Johnsons' Corner Terminal

