



PSC Weekly Report

Vantage Pipeline US LP Weekly Report for the week ending September 7, 2013

Case Number PU-11-109

- Approximate Progress Numbers:**
Spread US – 80 Miles
 > **Overall Spread Progress = 18.21%**

Progress of Remaining Mainline Activities	
Mowing	100.00%
ROW	61.50%
Stringing	34.40%
Bending	31.80%
Bores / HDD	4.90%
Welding	10.40%
Coating	8.90%
Ditch	1.00%
Lower-in	1.00%
Tie-in	0.00%
Backfill	1.00%
Clean-up	0.00%
Hydrotest	0.00%

Pipeline Construction started construction on August 1, 2013.

- Where there any construction shut-downs this week? If so, when did construction re-start?**
 - No shut-downs this week.
- Bores (directional or slip/punch):**
 - There have been 14 bores in the past week.
- Are there cathodic protection stations installed this week? If yes, how many?**
 - There were no Cathodic Protection Stations installed this week.
- Please comment on this week’s activities for Route Restoration & Revegetation:**
 - No restoration and revegetation activities have occurred prior to September 7. Restoration and revegetation activities will not occur until trenching and backfill is completed.
- Please comment on this week’s Tree & Shrub restoration activity:**
 - Data collection for the tree and shrub inventory is 97% complete. Restoration of trees and shrubs will not begin until trenching and backfill has been completed.

- **% of restoration completed (tree removal):**
 - All shelter belts along ROW have been crossed and associated tree removal forms have been completed. Tree planting will not begin until restoration activities are implemented. Coordination with landowners will be completed to determine locations where replacement trees will be planted, and desired species.



September 4, 2013 – Several shelter belts shown with pipe stringing.

- **Were there any changes or deviation of the line outside the permanent vantage Right-of-Way? Note that any changes must be approved prior to construction (trenching).**
 - There were no changes or deviations to the permanent Right-of-Way this week.
- **Please comment on Erosion Control implementation and include 3 or 4 pictures (eg. erosion control silt fences, welding pipe, tape coating, road crossings, trenching, bending of pipe, supports and braces, safety measures for traffic control, etc.).**
 - Stormwater BMPs have been installed to Mile Post 58:00. Silt fence and straw wattles have been installed around drainages and wetland areas for sediment control. Soil berms and vegetative buffer zones have also been effective for control of sediment discharge. One significant rainfall event occurred on September 7, 2013 with a rainfall depth of 0.40 inches (reported in Tioga, with



PSC Weekly Report

likely greater amounts on northern sections of the ROW, with 1.23 inches reported in Williston). No notable erosion or sediment discharge was observed as a result of rainfall since the start of construction. Water from the event accumulated in boring pits and associated trenches and depressions along the ROW, and required removal via pumping.

In addition, major boring beneath a cultural area, beginning at MP 30.71, was initiated. No releases of critical materials, including drilling fluids, were observed during monitoring activities.



September 5, 2013 – Pipe stringing and welding at MP 0.54



September 5, 2013 – Pipe bending operation at MP 12.03

- Were there any sightings of threatened/endangered species (including bald or golden eagles) this week? If yes, where? Did it effect construction? Elaborate on shut-down section above if applicable.**
 - No piping plover or other threatened and endangered species or eagles were sighted or reported.

- Please comment on the stripping and segregation of topsoil this week. (% complete or miles that week – stripping phase):**
 - Topsoil stripping has been completed between mile posts 0.28 to 47.25, 48.79 to 49.76, and 52.59 to 59.35. The number of topsoil stripping crews has been reduced from two to one. Topsoil depth is variable and ranges between 4 and +12 inches. Topsoil stockpiles are located on the outside of the temporary work space. The upper surface of the subsoil layer has been used to level the working area where required. Trenching began on September 7th and approximately 1,600 feet of trenching has been completed.



September 3, 2013 – Stripping activities near MP43.03

Tract	Prime farmland Polygons		
	Milepost begin	Milepost End	Length (ft)
ND-WL-085.5	6.129	6.340	1119
ND-WL-069.5	11.197	11.297	528
ND-WL-066.5	12.267	12.397	686
ND-WL-064.5	12.863	13.009	770

- Were any cultural resources, paleontological resources, archeological resources, historical resources, or grave sites discovered during construction? There should be at least one entry at the end of the report that none of these items were seen during construction. If yes, what action was taken at the site?**

- The tribal monitor was brought out to inspect site and cultural corridor flagging at mileposts 74.27 to 75.34. He recommended one feature, which has an access corridor through it, be matted before equipment drives across it. This was completed as per recommendations from tribal monitor.



PSC Weekly Report

- Reclamation and clean-up chainages from start-finish, please comment on coordination with ongoing construction:**
 - No reclamation and cleanup has occurred at this time.

- Please note location(s) of any repairs to Fencing and Gates this week:**
 - Fencing, including installation of gates, has been completed. No compromised fencing or gates have been noted this reporting period.

- Please document the restoration of any off-RoW roads this week:**
 - Restoration of off RoW roads has not been needed during the reporting period.

- Please comment on Fertilization and Reseeding activities this week:**
 - No seeding or fertilization work has occurred at this time.