



Vantage Pipeline US LP Weekly Report for the week ending September 14, 2013

Case Number PU-11-109

- Approximate Progress Numbers:**
Spread US – 80 Miles
 ➤ **Overall Spread Progress = 23.06%**

| Progress of Remaining Mainline Activities | |
|--|---------|
| Mowing | 100.00% |
| ROW | 79.60% |
| Stringing | 52.70% |
| Bending | 43.90% |
| Bores / HDD | 5.40% |
| Welding | 23.70% |
| Coating | 12.90% |
| Ditch | 1.30% |
| Lower-in | 1.30% |
| Tie-in | 1.10% |
| 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 8 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 14. Restoration and revegetation activities will not occur until trenching and backfill is completed.
- Please comment on this week’s Tree & Shrub restoration activity:**
 - Restoration of trees and shrubs will not begin until trenching and backfill has been completed.



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- **% of restoration completed (tree removal):**
 - 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.

- **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.

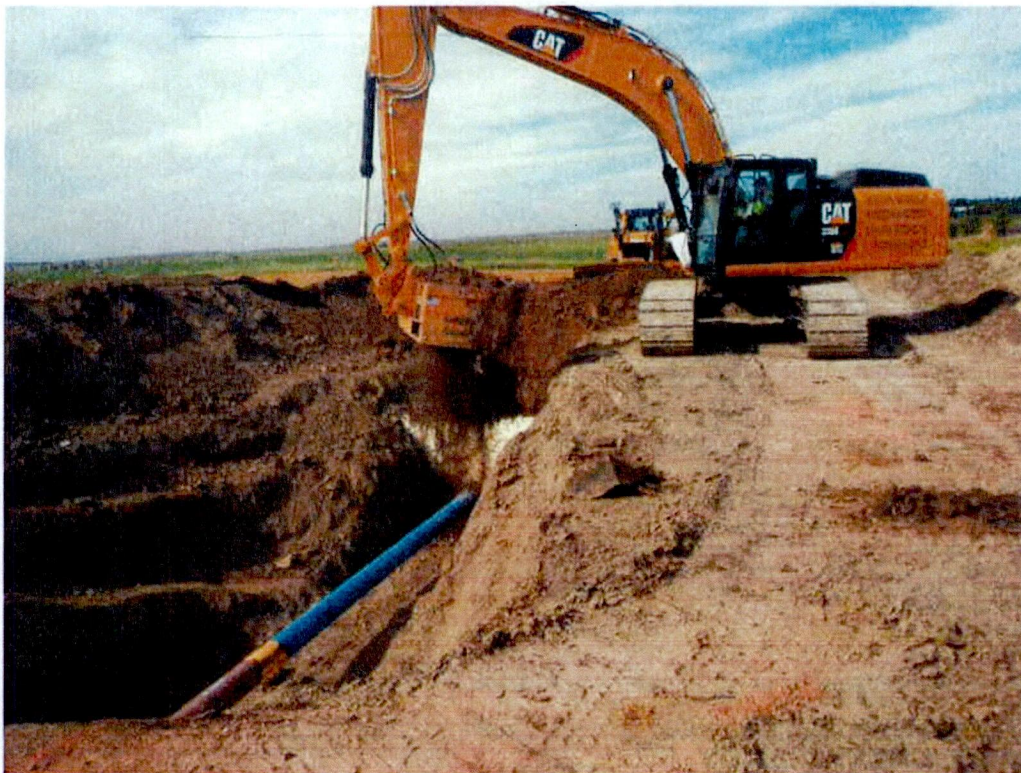
- **Please comment on Erosion Control implementation and include 3 or 4 pictures (eg. erosion control silt fences, welding pipe, tape coating, road crossings, trenching, bending of pipe, supports and braces, safety measures for traffic control, etc.).**
 - Stormwater BMPs have been installed to Mile Post 60.01. 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. Rainfall occurred on September 8 and 9, 2013 with a rainfall depth of 0.40 inches. The entire ROW was traveled as part of a reclamation survey this week and no notable erosion or sediment discharge was observed as a result of rainfall since the start of construction. Water from the early-week rain accumulated in boring pits and associated trenches and depressions along the ROW, and may require removal via pumping in the coming week.

In addition, major boring beneath a cultural area, beginning at MP 30.71, was completed. No significant releases outside of the ROW of critical materials, including drilling fluids, were observed during monitoring activities. Some drill mud surfaced in a ravine near MP30.48 and was contained with silt fences. Accumulated mud was removed with a vac-truck and placed back into the primary mud pit. The mud pit will require reclamation and additional cleanup is needed in the ravine area.

Another major boring, beginning at MP 30.99 and extending under Cottonwood Lake, was initiated on 9/13/2013. No environmental concerns were noted regarding this boring during the reporting period.



September 14, 2013. Pipe Stringing



September 14, 2013 Backfilling foam trench break



September 12, 2013 Silt fence containment of frac-out

- 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 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 to mile post 62.00, with a total mileage stripped this week of approximately seven miles. Onetopsoil stripping crew was operating during this reporting period. Topsoil depth is variable and ranges between 4 and +12 inches. Topsoil stockpiles are located on the outside edge of the temporary work space. The upper surface of the subsoil layer has been used to level the working area where required. Trenching and stringing resumed this week. USFWS was notified regarding stripping that occurred within a wetland at mile post 51.8.



September 14, 2013 – Stripping activities near MP61.25

- 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?**
 - Archaeological monitoring continued on the pipeline project from Monday, 9/9/13 through Thursday, 9/13/13.

 - No new cultural, paleontological, archaeological, historical, or grave sites were discovered during construction.

- 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.



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- 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. However, a reclamation survey was completed this week to facilitate the formulation of appropriate seed mixtures for reclamation along the ROW.