



PSC Weekly Report

Vantage Pipeline US LP Weekly Report for the week ending September 21, 2013

Case Number PU-11-109

- Approximate Progress Numbers:**  
**Spread US – 80 Miles**  
 ➤ **Overall Spread Progress = 30.22%**

| <b>Progress of Remaining Mainline Activities</b> |         |
|--|---------|
| Mowing   | 100.00% |
| ROW  | 94.30%  |
| Stringing  | 62.60%  |
| Bending  | 53.80%  |
| Bores / HDD                                      | 5.80%   |
| Welding  | 40.40%  |
| Coating  | 24.20%  |
| Ditch  | 5.30%   |
| Lower-in   | 4.30%   |
| 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 13 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 21. 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.

- **% 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 69. Silt fence and straw wattles have been installed around drainages, between soil berms, 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 18, 2013 with a rainfall depth of 0.30 inches reported. Storm water accumulation in boring pits and trenches continues to be removed by pumping water into sediment bags that are placed in heavily vegetated areas for water dispersion and in some cases placed behind an existing silt fence where space is limited.



September 20, 2013 - Dewatering into sediment bag contained within a heavily vegetated grassland area

The boring below Cottonwood Lake was completed on September 18, 2013. Drill mud surfaced in several locations directly north of drilling activities. Drill mud was contained within the ROW using silt fences. The lake was monitored for drilling mud surfacing using a boat. No mud was observed to have surfaced in Cottonwood Lake. Accumulated drill mud at drilling release areas will be removed with a vac-truck and placed back into the primary mud pit. Associated mud pits will be dredged out and material will be hauled off-site for disposal. Mud pits will be backfilled and compacted with native material. Drill mud released near MP30.48 will also require cleanup using the vac-truck. The drill across cottonwood lake is complete. No environmental concerns were noted associated with conventional drilling under major roads and wetlands during the reporting period.



September 18, 2013 – Pulling pipe through bore hole under Cottonwood Lake.



September 20, 2013 – Pipe installation at the boring location across 71<sup>st</sup> Ave.

Trenching activities and pipe installation continued to MP5.04. Pipe stringing operations continued to MP51.27 during this reporting period. Location marking of trench breakers has been completed to MP8.51 ahead of trenching and pipe installation crews.

- 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 MP75.00 approximately 94% complete. Topsoil stripping and subsoil grading is expected to be completed during the next reporting period. A single topsoil stripping and grading crew was operating during this reporting period. Topsoil depth is variable and has ranged between 2 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. USFWS and KCH did an on-site investigation and developed a remedial plan for the stripping that occurred within a wetland at mile post 51.8.



September 18, 2013 – Stripping activities near a flagged and silt fence protected wetland.

- 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?**  
- Cultural monitoring continued on the Vantage pipeline project from Thursday, 9/19/13 through Saturday, 9/21/13.

Construction progressed smoothly and uneventfully during the reporting period. No new cultural, paleontological, archaeological, historical, or grave sites were discovered during construction.

Michels Pipeline Construction operated one trenching crew and one stripping crew during the reporting period. Both crews operated in the vicinity of TCPs. The trenching crew operated from about mileposts 3.48 to 6.02. The stripping crew operated from about milepost 72.40 to 75.52. The trenching activity and some stripping activity were observed by a tribal monitor. The stripping activity and some trenching activity were observed by an archaeologist.

- Reclamation and clean-up chainages from start-finish, please comment on coordination with ongoing construction:**



## PSC Weekly Report

- No reclamation and cleanup has occurred at this time.

- Please note locations(s) of any repairs to Fencing and Gates this week:**
  - Compromised gates have been noted during this reporting period. Gates will need to be repaired by fencing crew.
  
- 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.