



PSC Weekly Report

Vantage Pipeline US LP Weekly Report for the week ending November 16, 2013

Case Number PU-11-109

- Approximate Progress Numbers:**
Spread US – 80 Miles
Overall Spread Progress = 93.83%

Progress of Remaining Mainline Activities	
Mowing	100.00%
ROW	100.00%
Stringing	100.00%
Bending	100.00%
Bores / HDD	100.00%
Welding	100.00%
Coating	100.00%
Ditch	100.00%
Lower-in	100.00%
Tie-in	97.20%
Backfill	99.50%
Clean-up	61.80%
Hydrotest	61.30%

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 0 bores in the past week.
- Are there cathodic protection stations installed this week? If yes, how many?**
- There were 3 Cathodic Protection Stations installed this week.
- Please comment on this week's activities for Route Restoration & Revegetation:**
- Restoration continued during this reporting period to MP 48 (approximately 60% complete). Permanent stormwater BMP installation continues as topsoil is spread and restoration moves forward. Stakes and flagging at exclusion zones are being removed following restoration activities. Permanent BMP mapping has been completed to MP 12. Seeding continued along the ROW during this reporting period to MP 25. Recent rain and snow have resulted in adverse conditions that have slowed progress.



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- Please comment on this week's Tree & Shrub restoration activity:**
 - Tree and shrub activities will begin during the spring of 2014 after the tree and shrub mitigation plan has been approved by the PSC.

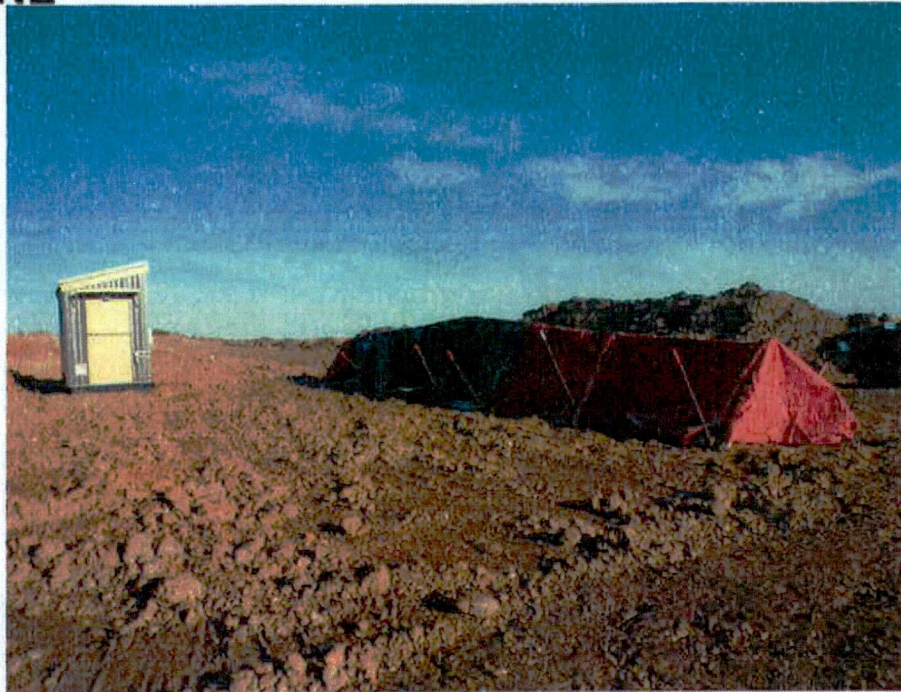
- Percent of restoration completed (tree removal):**
 - The tree and shrub mitigation plan has been completed and sent to the PSC for approval. The plan includes a line list of replacement trees and shrubs by species, milepost, stem count, and land owner.

- 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 BMP's installed for construction activities have been installed and inspected along the entire 80 miles of ROW. As restoration of the ROW continues construction BMP's are being replaced with permanent BMP's. Locations are being mapped by the monitoring crew.

Storm water from past precipitation events continues to be removed from trenches and within low spots along the ROW. Water is being 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. Contractor's environmental crew is systematically addressing details of any required maintenance noted during stormwater inspections.

Trenching activities were completed during this reporting period. Block-valve construction at block valve locations continued during this reporting period, with delivery of permanent structures to locations. Pipe has been installed to MP 80 during this reporting period.



MP 50.87: Block valve under construction with small building to be placed permanently at the location.



MP 77.30: Trench backfilling activities.



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Cleanup of drill fluids in the dry wetland at MP 68.02 were completed during this reporting period following methods approved by the USFWS. USFWS visited the location during the cleanup activities and verbally expressed his satisfaction with the clean up.



MP 68.02: Dry wetland cleanup activities in progress.



MP 68.01: Bagged drill mud staged for removal following removal from dry wetland.

- 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):**
 - All stripping has been completed. Topsoil stockpiles are located along the outside edge of the temporary work space and are being spread across the ROW as part of the re-grading and contouring activities.
- 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, 11/11/13 through Saturday, 11/15/13.

Cultural monitoring activity focused on trenching and backfill crews working intermittently near TCPs from milepost (MP) 72.00 to MP 80.00, and reclamation crews working from at MP 41.00 to MP 49.00.



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On Thursday, 11/14/13, the ditching crew reached the Canadian border at milepost 80. The ditching crew then joined and expanded the reclamation crew beginning on Friday, 11/15/13.

Archaeological monitoring continued on the reclamation crew through Saturday, 11/16/13, when archaeological monitoring for the project concluded.

No unanticipated cultural, paleontological, archaeological, or historical resources were discovered during the week.

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

- Regrading and topsoil spreading continued during this reporting period. Coordination and communication with crews continues as environmental monitors are on-site for topsoil spreading, rock management, location of slope breaks, and location of final stormwater BMP installations.



MP 49.78: Matting removed from ROW and staged for transport to recycling/disposal.

Please note location(s) of any repairs to Fencing and Gates this week:



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- Compromised gates and fences continue to be repaired or replaced during construction activities by Contractor's environmental crew.

- Please document the restoration of any off-Row roads this week:**
 - Restoration of off- ROW roads are addressed and repaired by Contractor's.

- Please comment on Fertilization and Reseeding activities this week:**
 - Favorable soil conditions allowed for reseeded to begin on October 31, 2013. Progress was slowed after rain and snowfall occurred at the end of the period. Seeding activities were completed to MP 25.