

◀ VANTAGE WEST SPUR LATERAL PSC PRE CONSTRUCTION Meeting Minutes ▶

Meeting Title	: PSC PRE CONSTRUCTION MEETING
Date	: 9.8.2015
Time	: 10:00 AM
Place	: Phone Conference Call
Chair Person	: Julie Prescott, Public Utility Analyst
Invitee List	: : Keith Learmonth, Proj Manager, Pembina; Cody Schroeter, Project Field Engineer, Pembina; Bryan Harper, Construction Manager, Longhorn; Marilyn Shykes, Technical Records, Longhorn; David Goodspeed, Safety, Longhorn; Dorothy Fleming, Lead EI, Longhorn; Megan Evans, Contracts, Pembina; Cameron Learmonth, Auditor, Pembina; Russell Bandemer, ROW Pembina; Kyle Thomas, Todd Hartleben, Engineer,
In Attendance	: Keith Learmonth, Cody Schroeter, Bryan Harper, Marilyn Shykes, David Goodspeed, Dorothy Fleming, Megan Evans, Cameron Learmonth, Russell Bandemer, Kyle Thomas, Todd Hartleben, Principal Engineer, Carlson McCain, Inc
Absent	:
Agenda	: PSC Requirements Review
Next Meeting	: NA

Discussion:

#	Discussion
•	<p>Call in meeting with the Public Service Commission, chaired by PSC employee Jennifer Prescott.</p> <p>Ms Prescott read through Pembina Conditions for PSC Case No. PU-15-142. She read through conditons line by line, asked for any questions received 2. Ms Prescott also read the Tree and Shrub Mitigation requirements line by line.</p> <p>Ms Prescott asked if there were any questions or comments. Questions/comments were as follows:</p> <p>1) Dorothy Fleming, EI for Project commented on the Tree and Shrub Mitigation and where to pick up. Ms Prescott advised said form EB-38-2003 is available on line.</p> <p>2) Question Todd Hartleben inquired as to who would be the field contact for Inspectors. Answer: Bryan Harper, Construction Manager. 817-637-3088.</p>

VANTAGE PIPELINE US LP COMPANY

STATE OF NORTH DAKOTA

PUBLIC SERVICE COMMISSION

CASE NO. PU-15-142

Order Provision

#9

Vantage Pipeline is hereby giving notice to the State of North Dakota Public Service Commission of its intent to start construction on the Vantage West Spur Lateral Pipeline on Thursday, September 10, 2015.

Vantage Pipeline shall keep the Commission and the Commission's third party construction inspector, Todd Hartleben, Principal Engineer for Carlson McCain Inc., updated of construction activity on a monthly basis.

#23

A letter dated September 8, 2015 is being mailed out to each landowner with whom an easement was executed for that location specifying the name and phone number of Russell Bandemer, Land Agent for Vantage Pipeline. Russell Bandemer is responsible for receiving and resolving landowner issues during construction of the Vantage West Spur Lateral Pipeline.

Russell Bandemer

Pembina Vantage/ ROW Land Agent

307-532-1717

#24

Vantage Pipeline ROW Land Agent, Guy Wilson is responsible for receiving and resolving Landowner issues for the Vantage West Spur Lateral Pipeline upon completion of construction. The Company will update this information whenever there is a change to the current Company Representation for the life of all easements for the Vantage West Spur Lateral.

Guy Wilson

ROW Land Agent

403-691-7622



PERMIT CONDITION APPROVAL REQUEST

Materials to be Approved:

Vantage Pipeline – PU-15-142 Certification Relating to Order Provisions and Tree and Shrub Mitigation

Summary/Purpose: The PSC is the conditions that may be put on the project and the PSC will not issue an order approving the project without the certification being signed by an officer of the company and filed.

Date to be dated/submitted: July 30, 2015

MATERIALS REVIEWED and AGREED TO BY*:

NAME	Responsibility	Content Approved
Guy Wilson	Landman	
Brad Agnew	Environmental Specialist	
Peter Miles	Supervisor Regulatory	
Charles Vincett	Senior mgr Projects CB	

*Each individual named above was involved in preparing a portion of the application as indicated above, and is certifying only the portions of the permit conditions for which they were responsible. This document is intended only as a record of appropriate involvement and review prior to submission of public documents and is not intended to create additional legal obligations for employees.

APPROVALS:

Name	Content Approved	Timing Approved
John Stevenson	Supervisor Land	
Laura Lunt	Senior Mgr, Regulatory, Environment & Ext. Relations	
Jason Wuin	VP, Conventional Business Unit	

STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Vantage Pipeline U.S. LP
8-inch HVP Pipeline – West Spur Pipeline Project
Siting Application

Case No. PU-15-142

Tree and Shrub Mitigation Specifications

Inventory

1. Trees and shrubs anticipated to be cleared, including those that are considered invasive species or noxious weeds (e.g., *Caragana arborescens*, *Elaeagnus angustifolia*, *Rhamnus cathartica*, *Tamarix chinensis*, *T. parviflora*, *T. ramosissima*, *Ulmus pumila*), must be inventoried before cutting. The inventory must record the location, number, and species of trees and shrubs.
2. In windbreaks, shelterbelts and other planted areas, trees or shrubs anticipated to be cleared, regardless of size, must be inventoried for replacement.
3. In native growth areas, trees anticipated to be cleared that are 1 inch diameter at breast height (dbh) or greater must be inventoried for replacement.
4. In native growth areas, shrubs anticipated to be cleared in the permanent right-of-way must be inventoried for replacement.
5. In native growth areas outside the permanent right-of-way, shrubs must be cut flush with the surface of the ground, taking care to leave the naturally occurring seed bank and root stock intact. If soil disturbance is necessary, the native topsoil must be preserved and replaced after construction. Shrubs must be allowed to regenerate naturally where native topsoil is preserved and replaced. Where native topsoil is not preserved and replaced, shrubs anticipated to be cleared must be inventoried for replacement.
6. In native growth areas, trees and shrubs may be inventoried by actual count or by a sampling method that will properly represent the woody vegetation

population. A sampling plan developed by the company, filed with the North Dakota Public Service Commission (Commission) and approved prior to the start of construction must define the sampling method to be used for trees, for tall shrubs and for low shrubs. The data from the sample plots must be extrapolated to the total acreage of the wooded area to be cleared to determine the species and quantity of trees and shrubs to be replaced.

Clearing for Construction

7. Trees and shrubs must be selectively cleared, leaving mature trees and shrubs intact where practical.
8. The maximum width of clear cuts through windbreaks, shelterbelts and all other wooded areas is 50 feet, unless otherwise approved by the Commission.
9. If the area of trees or shrubs actually cleared differs from the area inventoried, the difference in number of trees and shrubs to be replaced must be noted on the inventory.

Replacement

10. Prior to tree and shrub replacement, documentation identifying the number and variety of trees and shrubs removed, as well as the mitigation plan for the proposed number, variety, type, location and date of replacement plantings, must be filed with the Commission for approval.
11. Two 2-year-old saplings must be planted for every one tree removed. Two shrubs (stem cuttings) must be planted for every one shrub removed.
12. Except in the case of invasive or noxious species, trees and shrubs must be replaced by the same species or similar species, suitable for North Dakota growing conditions as recommended by the North Dakota Forest Service. Invasive or noxious species must be replaced by similar non-invasive or non-

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noxious species suitable for North Dakota growing conditions as recommended by the North Dakota Forest Service.

13. Tree and shrub replacement must not be conducted within a 20 to 30 foot wide path over the pipeline to facilitate visual inspections of the right-of-way in accordance with U.S. Department of Transportation safety regulations.
14. Landowners must be given the option of having replacement trees and shrubs planted on the landowner's property, either on or off the right-of-way. The landowner must also be given the opportunity to waive those options in writing in order to have replacement trees and shrubs planted off the landowner's property.
15. At the conclusion of the project, documentation identifying the actual number, variety, type, location and date of the replacement plantings must be filed with the Commission.
16. Tree and shrub replacements must be inspected annually, in September, for three years. The first annual inspection must be at least one year from the anniversary date of the original plantings. A report of each annual inspection must be submitted to the Commission by October 1 of each year, documenting the condition of plantings and any woodlands work completed as of September of each year. If after the third annual report the survival rate is less than 75%, the Commission may order additional planting(s).

Charles Smith August 6/2015
Yana Kmit - August 6/2015

CV JN.