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April 20, 2012

*via hand delivery*

Mr. Darrell Nitschke  
Executive Director  
NORTH DAKOTA  
PUBLIC SERVICE COMMISSION  
600 East Boulevard, Dept. 408  
Bismarck, ND 58505-0480

**RECEIVED**

APR 20 2012

**PUBLIC SERVICE COMMISSION**

Dear Mr. Nitschke:

In re: Vantage Pipeline US LP  
PSC Case No. PU-11-109  
Our File No. 66-446-001

Enclosed are the original and ten copies of Addendum 2 to the Consolidated Application which was filed with the Commission on February 13, 2012.

Please feel free to contact me should you have any questions.

Sincerely yours,



WADE C. MANN

bw  
Enc.  
cc: Divide and Williams Counties Auditors



NORTH DAKOTA PUBLIC SERVICE COMMISSION

CONSOLIDATED APPLICATION OF  
VANTAGE PIPELINE US LP

for

CERTIFICATE OF CORRIDOR COMPATIBILITY AND ROUTE PERMIT  
ADDENDUM NO. 2

VANTAGE PIPELINE PROJECT  
April 2012

**List of Attachments**

Pipeline Revision Index Map Addendum No. 2

Pipeline Revised Route and Selection Criteria, Addendum No. 2

Exhibit 2

Addendum Vantage Pipeline: A Class III Cultural Resource Inventory in Williams County, North Dakota

Exhibit 3

Pipeline Revision Addendum No. 2, 1:12,000 Map Book, Sheet 14U

Pipeline Revision Addendum No. 2, 1:12,000 Map Book, Sheet 14V

Pipeline Revision Addendum No. 2, 1:12,000 Map Book, Sheet 15V

April 20, 2012

CONSOLIDATED APPLICATION OF  
VANTAGE PIPELINE US LP

for

CERTIFICATE OF CORRIDOR COMPATIBILITY AND ROUTE PERMIT

ADDENDUM NO. 2

The following information that has been compiled as Addendum No. 2 to the Consolidated Application of Vantage Pipeline US LP for Certification of Corridor Compatibility and Route Permit previously filed with the North Dakota Public Service Commission on February 13, 2012.

This addendum has been prepared to address a minor revision in the route alignment presented in the original application submitted on February 13, 2012. This addendum has been prepared to update the original application for the segment of the route that has been revised based on additional environmental studies and analysis that has recently been completed. The information presented below will reference sections and exhibits from the original application where changes resulting from the route revision are required. The attached route index map illustrates the section of the pipeline route affected by the route revision.

**CERTIFICATE OF CORRIDOR COMPATIBILITY**

**A.1. DESCRIBE THE TYPE OF FACILITY ADDRESSED IN THIS APPLICATION. THE DESCRIPTION SHALL INCLUDE THE PURPOSE OF THE FACILITY AND THE TECHNOLOGY TO BE EMPLOYED.**

This addendum addresses a route revision located in Sections 3 and 10, Township 59 North and Range 99 West. The route length along this section of the alignment resulted in a net increase in the pipeline length of 151 feet or 0.03 miles. Based on the revised route, the proposed pipeline would include the construction of approximately 79.9 miles of new 10-inch diameter pipeline in North Dakota.

**D.2. MAP OF PROPOSED CORRIDOR**

The attached Exhibit 7-A2 updates the area of the route revision and provides a comparison of the selection criteria between the revised route and the route previously identified on Sheet 2 of Exhibit 7. As indicated on Exhibit 7- A2, two wetlands crossings are required along the route revision. The revised route will not involve crossing of any state or federal land, critical habitat, or lands enrolled in the PLOTS program.

Environmental and cultural surveys were recently completed along the route revision. Updates to the detailed maps presented in Exhibits 2 and 3 of the consolidated application are appended to this addendum. Specifically, Sheets B15 and B16 from Exhibit 2 are updated to incorporate information presented in the addendum to Exhibit 2, from the cultural resource inventory along the route revision. Wetlands mapped along the route revision are presented on Sheets 14U, 14V and 15V of the Vantage Pipeline Survey Mapbook.

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APPLICATION OF VANTAGE PIPELINE US LP for ROUTE PERMIT

**B.2.4. Adverse direct and indirect environmental effects which cannot be avoided should the proposed route be designated.**

The route revision identified in this addendum will not result in any additional unavoidable environmental impacts relative to those identified in the original application. Impacts to wetlands mapped in the vicinity of the route revision, if any will be temporary and would be mitigated in accordance with the Environmental Protection Plan (EPP). No disturbance of critical habitat consisting trees or shrubs will occur along the area of the route revision. The impacts to vegetation, soils, water quality and hydrology, wildlife and cultural resources along the revised alignment do not represent a significant change to impacts identified for the original alignment previously evaluated in the February 13, 2012 consolidated application.

**B.2.6. Irreversible and irretrievable commitments of natural resources should the proposed corridor or route be designated.**

The route revision covered in this addendum will not result in additional irreversible and irretrievable commitments of natural resources above those identified in the February 13, 2012 consolidated application. All impact along the route revision will be temporary and will be mitigated in accordance with the measures identified in the EPP.

**B.2.9. The effect of the proposed site or route on existing scenic areas, historic sites and structures, and paleontological or archaeological sites.**

In addition to the cultural sites previously identified, two isolated finds were made along the route revision during the recent cultural resource inventory. Isolated finds are locations where there are no features and fewer than five artifacts within a 50 square meter area. Isolated finds are evaluated as not significant and recommended not eligible for listing in the National Register of Historic Places. The isolate finds are located outside of the area of disturbance for the temporary and permanent construction right of way.

**B.4.1.1 National management areas**

No designated or registered national: historic districts; wildlife areas; wild, scenic, or recreational rivers; or wildlife refuges were identified within the survey corridor along the route revision.

**B.4.1.3 Cultural (historical) resources**

Including the route revision, potential historic cultural resources occurring in the project area include buildings, homesteads, ranches, transportation features, and refuse dumps. A total of 79 cultural sites were identified within the study corridor. Inventory along the route revision identified two isolated finds. Isolated find locations do not contain sufficient material to meet the North Dakota definition of a site. Isolates are not considered eligible for listing on the National Register of Historic Places. No further cultural resource work is recommended for the isolated finds identified in in the area of the route revision.

**B.4.1.4 Inhabited residences within 500 feet**

The route revision does not encounter any inhabited residence within 500 feet of the along the route revision.

**B.4.2 Selection Criteria**

**B.4.2.1 Wetlands**

Exhibit 3 from the consolidated application provides a summary of wetlands and riparian zones encountered along the route. Each wetland is classified by wetland type. Three additional wetlands identified in the vicinity of the route revision are described in the following table and locations illustrated on the appended Sheets 14U, 14V and 15V of the Vantage Pipeline Survey Mapbook. With the addition of the three wetland areas, 142 wetlands were mapped within the 500-foot Vantage Pipeline corridor.

Basin ID	Circular 39 Classification	Cowardin Classification	Hydrologic Connectivity	Comments
D1	3	PEMC	Isolated	Mix of <i>Typha latifolia</i> , <i>Phalaris arundinacea</i>
D2	5	PEMC	Isolated	Inundated, no vegetation formerly tilled
D3	2	PEMB	Isolated	<i>Carex lakustris</i> , <i>Polygonum amphibianum</i> , <i>Carex spp.</i>

The revised route will cross 0.08 acres of wetland within the permanent right-of-way. The revised route will not result in permanent disturbance of wetlands within the permanent or temporary right-of way. Two of the wetlands are located outside of the pipeline construction right-of-way. Including the additional wetland crossings identified above, the proposed project may temporarily impact 1.13 acres of wetland within the permanent right-of-way, as shown below in the revised Table B-4.4.

CLASSIFICATION		WETLANDS OBSERVED	
Circular 39 <sup>1</sup>	Cowardin <sup>2</sup>	Number	Area (acres)
1	PEMA	1	0.05
2	PEMB	5	0.09
2/3	PEMB/C	5	0.30
3	PEMC	2	0.30
3/4	PEMC/F	1	0.05
5	PUB	1	0.34
Totals*		15	1.13

\*Note that areas listed in tables do not sum to total impact area due to rounding

<sup>1</sup> *Wetlands of the United States, Circular 39.* (Shaw and Fredine, United States Fish and Wildlife Service, 1956)

<sup>2</sup> *Classification of Wetlands and Deepwater Habitats of the United States.* (Cowardin et al., December 1979)

#### **B.4.2.2 Plant life**

The entire route revision is located within an area of cultivated cropland. No native grasslands are located along the route revision.

#### **B.4.2.4 Agricultural /Family Farms and Ranches**

Including the area impacted by the route revision, cultivated crops and pasture/hay production accounts for approximately 63.8 miles, or 80% of the Vantage pipeline route. Of this total 47.3 miles of the route is within cultivated cropland (59% of the alignment length).

#### **B.4.2.5 Land Suitable for Irrigation**

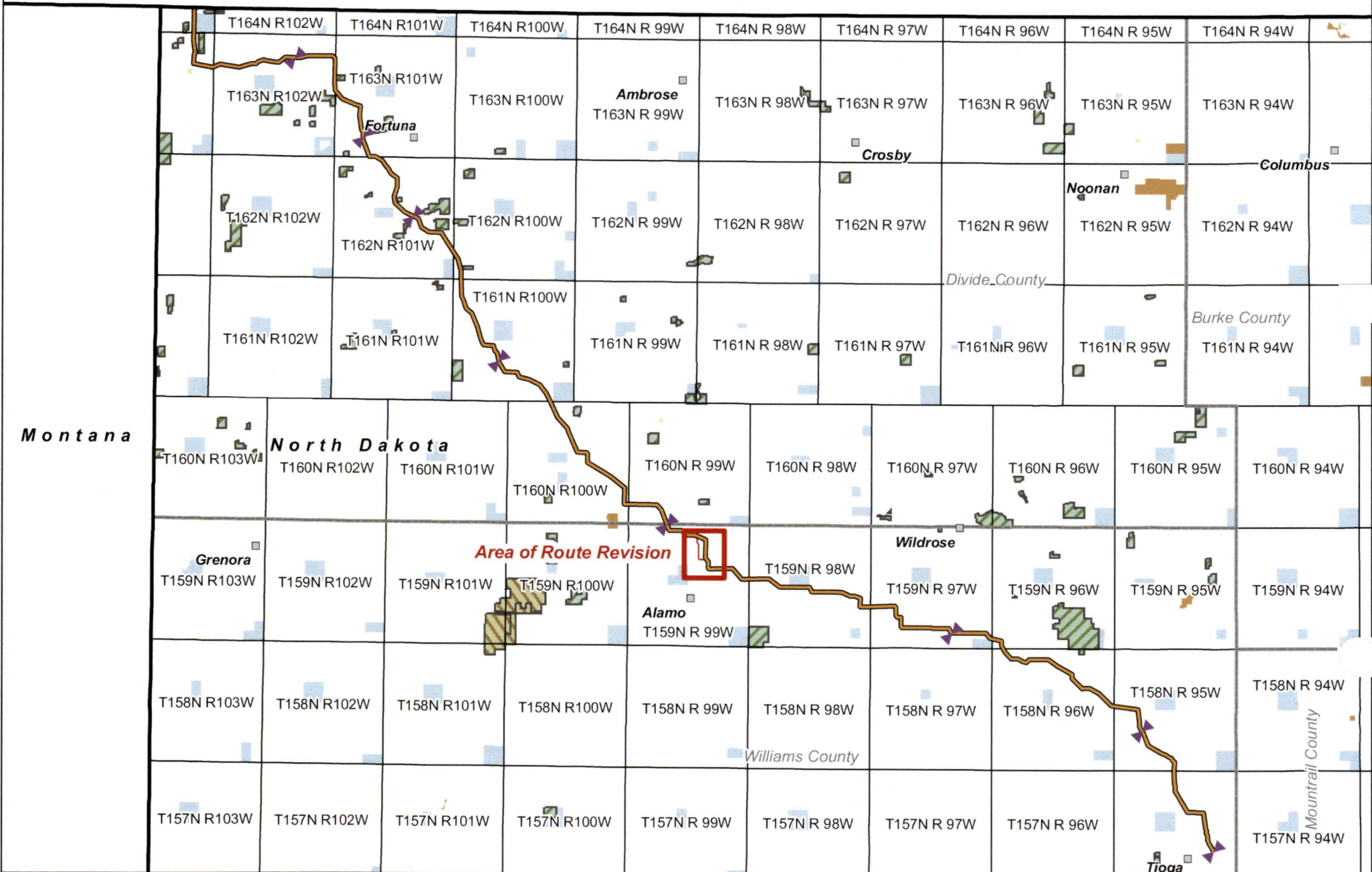
The route revision will avoid crossing 157 feet of prime farmland crossed along the original route. An increase in the crossing length of farmland of statewide importance and decrease in crossing of land classified as not prime farmland will occur. Farmland classification along the proposed route including the route revision is provided below in the updated Table B-4.8.

FARM CLASSIFICATION	LENGTH (MI)	PERCENTAGE OF TOTAL PIPELINE LENGTH
Prime farmland	0.7	0.9%
Farmland of statewide importance	31.9	39.9%
Not prime farmland	44.9	56.2%
Prime farmland if drained	0.8	1.0%
Prime farmland if irrigated	1.6	2.0%
Totals	79.9	100.0%

#### **B.6. MITIGATIVE MEASURES**

The mitigative measures identified in the February 13, 2012 consolidated application are appropriate for the route revision.

Saskatchewan

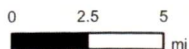


Montana

North Dakota

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- Cities
- ▲ Block Valve
- Current Pipeline Route
- ND Game and Fish
- ND Land Department
- BLM
- Water Fowl Production Area
- National Wildlife Refuge

Saskatchewan

Map Area

Montana



**VANTAGE PIPELINE**

Pipeline Revision Index Map  
Addendum No. 2  
Divide & Williams Counties,  
North Dakota



Date: April 2012

Version: 1