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P.O. Box 2798  
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July 16, 2014

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




Dear Mr. Nitschke:

In re: Vantage Pipeline US, LP Ten-Year Plan  
Our File No. 66-446-001

On behalf of Vantage Pipeline US, LP ("Vantage"), we hereby submit ten copies of Vantage's Ten-Year Plan pursuant to North Dakota Century Code § 49-22-04 and North Dakota Administrative Code Chapter 69-06-02.

Sincerely yours,

  
for BRIAN R. BJELLA

bw  
Enc.  
Ten-Year Plan to:  
County Auditors:  
Divide and Williams Counties  
David Schmunk  
Notice to:  
State Agencies and Officers designated in  
§ 69-06-01-05, N.D. Adm. Code.

**Vantage Pipeline US, LP**  
(herein referred to as "Vantage")  
Ten Year Plan  
North Dakota

July 16, 2014

SECTION A: Existing Energy Conversion Facilities.

Vantage has no energy conversion facilities.

SECTION B: Energy Conversion Facilities Under Construction.

Vantage has no energy conversion facilities under construction.

SECTION C: Proposed Energy Conversion Facilities on Which Construction is Intended Within the Ensuing Five Years.

Vantage does not plan to construct any energy conversion facilities within the next 5 years.

SECTION D: Proposed Energy Conversion Facilities During the Next Ten-Year Term.

Vantage does not plan on constructing any energy conversion facilities within the next 10 years.

SECTION E: Existing Transmission Facilities (Electric).

Not applicable.

SECTION F: Existing Transmission Facilities (Pipeline).

1. Pipeline map included.
2. Map of geographical service area included.
3. a. Product Type: Ethane  
b. Approximate distance: 80 miles  
c. Pipe Size: 10 inch  
d. Design Pressure: 1,440 pound per square inch gauge  
Design Temperature: 20 degrees F  
Design Flow Rate: 40,000 barrels per day  
e. No pump or compressor stations.
4. Proposed Timetable:  
Corridor Identification: Complete  
Route Identification: Complete

Construction:	Complete
Initial Commercial Operation:	May 2014
100 percent load factor:	The pipeline is estimated to be operating at approximately 70% load factor by the end of 2015.
Anticipated Additions:	Planning an extension to be completed within the next 1-3 years.

SECTION G: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Electric).

Not applicable.

SECTION H: Proposed Transmission Facilities on Which Construction is Intended Within the Ensuing Five Years (Pipeline).

None

SECTION I: Proposed Transmission Facilities During the Next Ten-Year Time Period (Electric and Pipeline).

No specific major pipeline facilities are planned for the next ten years.

SECTION J: Regional Coordination.

There are no other pipelines carrying ethane in the region.

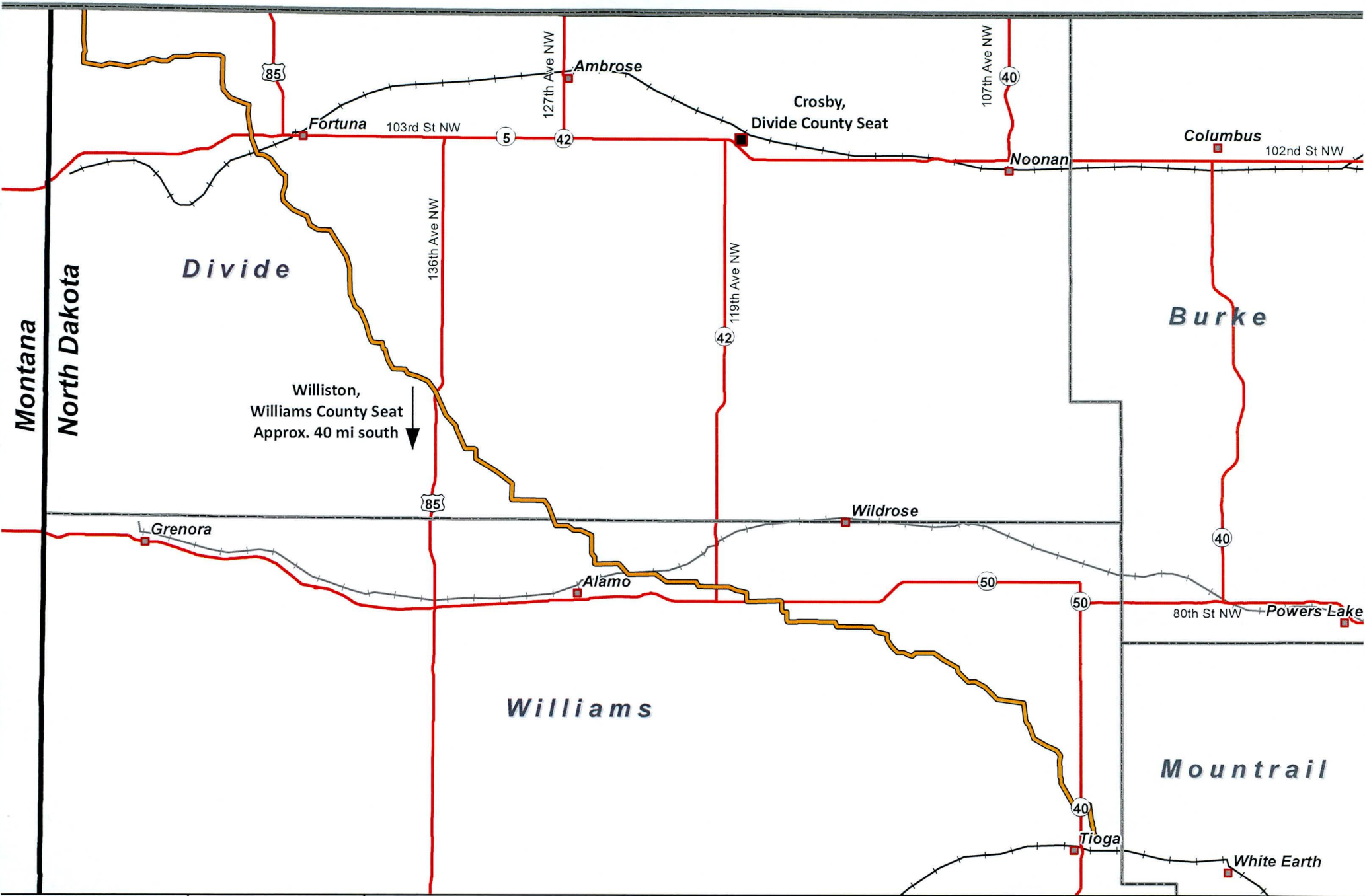
SECTION K: Environmental Information.

Vantage has completed a full environmental assessment and environmental protection plan for this project.

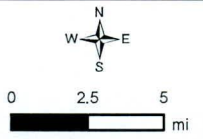
SECTION L: Projected Demand for Service.

Vantage has the ability to add additional pump stations and increase the capacity of the Vantage pipeline from 40,000 barrels per day to 60,000 barrels per day. This additional pipeline capacity is available for the producers in the region that are planning to build large gas processing facilities with the ability to produce specification ethane. It is difficult at this time to provide a practical projection for future growth since it will depend on the level of drilling and gas plant processing capacity that will be constructed in the future.

# Saskatchewan



**KC HARVEY ENVIRONMENTAL, LLC**  
 376 Gallatin Park Drive  
 Bozeman, Montana 59715  
 Phone: 406-585-7402  
 Fax: 406-585-7428



- Cities
- Proposed Pipeline Route
- Abandoned Railroad
- Functioning Railroad
- County Boundaries
- State Boundaries
- International Boundaries



Vantage Pipeline US LP  
 Pipeline Alignment Overview Map  
 Date: 08/22/2012 | Version: 2012-1





Wayne Stenehjem, Attorney General  
OFFICE OF THE ATTORNEY GENERAL  
First Floor, State Capitol  
600 E. Boulevard Ave., Dept. 125  
Bismarck, ND 58505-0040

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Division of Economic Development & Finance  
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600 E. Boulevard Ave., Dept. 101  
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State Health Officer  
STATE DEPARTMENT OF HEALTH  
State Capitol  
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Bismarck, ND 58505-0200

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STATE HISTORICAL SOCIETY OF NORTH DAKOTA  
Heritage Center, Capitol Grounds  
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INDIAN AFFAIRS COMMISSION  
1st Floor Judicial Wing, State Capitol  
Room #117  
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Bismarck, ND 58505-0300

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State Geologist  
NORTH DAKOTA INDUSTRIAL COMMISSION  
Geological Survey  
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Bismarck, ND 58503

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AND HUMAN RIGHTS  
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Bismarck, ND 58506-5523

Mark Zimmerman, Director  
PARKS AND RECREATION DEPARTMENT  
1600 East Century Avenue, Suite 3  
Bismarck, ND 58503-0649

Mr. Scott Hochhalter  
Soil Conservation Specialist  
SOIL CONSERVATION COMMITTEE  
2718 Gateway Ave., Ste. 104  
Bismarck, ND 58503-0585

Grant Levi  
DEPARTMENT OF TRANSPORTATION  
608 E. Boulevard Ave.  
Bismarck, ND 58505-0700

Todd Sando, State Engineer  
STATE WATER COMMISSION  
900 East Boulevard, Dept. 770  
State Office Building  
Bismarck, ND 58505-0850

Commander  
UNITED STATES DEPARTMENT OF DEFENSE  
MINOT AIR FORCE BASE  
201 Summit Drive  
Minot, ND 58701

UNITED STATES FISH AND WILDLIFE SERVICE  
3425 Miriam Avenue  
Bismarck, ND 58501

UNITED STATES ARMY CORPS OF ENGINEERS  
1513 South 12<sup>th</sup> Street  
Bismarck, ND 58504

FEDERAL AVIATION ADMINISTRATION  
Bismarck Airports District Office, BIS-ADO-600  
2301 University Drive, Building 23B  
Bismarck, ND 58504


NORTH DAKOTA TRANSMISSION AUTHORITY  
c/o North Dakota Industrial Commission  
600 E. Boulevard Ave., Dept. 405  
State Capitol, 14<sup>th</sup> Floor  
Bismarck, ND 58505-0840

NORTH DAKOTA PIPELINE AUTHORITY  
c/o North Dakota Industrial Commission  
600 E. Boulevard Ave., Dept. 405  
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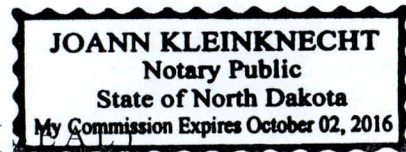
DIVIDE COUNTY COMMISSION  
PO Box 68  
Crosby, ND 58730


WILLIAMS COUNTY COMMISSION  
PO Box 2047  
Williston, ND 58802

That she knew the persons served to be the persons named in the papers served and the persons intended to be served.

  
\_\_\_\_\_  
Beth Wald

Subscribed and sworn to before me this 17<sup>th</sup> day of July, 2014.



  
\_\_\_\_\_  
Joann Kleinknecht, Notary Public  
Burleigh County, North Dakota  
My Commission Expires: