

July 1, 2016

HAND-DELIVERED

Mr. Darrell Nitschke
Executive Secretary
North Dakota Public Service Commission
600 E. Boulevard, Dept. 408
Bismarck, ND 58505



**RE: Plains Pipeline, L.P.'s Ten-Year
Plan for 2016-2026
Case No. PU-16-___**

Dear Mr. Nitschke:

Please find enclosed herewith for filing an original and ten copies of the following:

1. Plains Pipeline, L.P.'s 2016 Ten-Year Plan; and
2. Plains Pipeline, L.P.'s Notice of Filing Ten Year Plan: 2016-2026.

A CD containing a copy of each of the above-referenced documents in PDF format is also enclosed. Should you have any questions, please advise.

Sincerely,

A handwritten signature in blue ink that reads "Danielle M. Krause".

DANIELLE M. KRAUSE

Enclosures

cc: Amanda Hanks – (w/encl. – *via e-mail*)

59119236_1.docx

Attorneys & Advisors
main 701.221.8700
fax 701.221.8750
www.fredlaw.com

Fredrikson & Byron, P.A.
1133 College Drive
Bismarck, North D
58501-1215

1

PU-16-481
2016 Ten Year Plan

Filed: 7/1/2016

Pages: 12

PLAINS PIPELINE, L.P.
2016
TEN-YEAR PLAN

Introduction

In accordance with Section 49-22-04 of the North Dakota Century Code and Chapter 69-06-02 of the North Dakota Administrative Code, Plains Pipeline, L.P. ("PPLP") submits the following Ten-Year Plan for years 2016 through 2026.

- 1) *A description of the general location, size, and type of all facilities to be owned or operated by the utility during the ensuing ten years, as well as those facilities to be removed from service during the ten-year period.*

A) Rhame Station (North Dakota) to Baker Station (Montana)

1. Product type: crude oil
2. Length of facility: 47.5 miles
3. Pipe Size: The Rhame Station to Baker facility consists of parallel pipelines running the entire distance with an intermediate Marmarth Station. The line size in North Dakota is 6 inches, 4 inches, and 8 inches. The line size in Montana is 4 inches, 4 inches, and 8 inches.
4. Maximum design operating pressure: 1,400 PSI
5. Maximum design flow rate: 58,000 BPD at 1,400 PSI
6. Pump station specifications: (Rhame and Marmarth combined) two 250 HP, 2651 Gaso pumps with an output pressure of 950 PSI and with throughput capacity of 10,000 BPD. A centrifugal pump with a throughput capacity of 42,000 BPD was installed at Marmarth Station in 2005 and another in 2006, with a maximum capacity of 53,000 BPD. A 30,000 bbl tank was constructed at Marmarth Station in 2005.
7. Minimum cover over pipe: 48 inches (more or less)
8. The 4-inch, 6-inch and 8-inch lines from Rhame to Baker have had internal line inspection tools ran as of 2011 with all anomalies being inspected or repaired. The 4-inch and 6-inch lines between Rhame and Marmarth had internal line inspections in 2014 with all repairs completed or in progress. Various pipeline segments have had internal inspections in 2015 and additional lines are scheduled for internal inspections in 2016.
9. In-Service Dates:
 - a. The original Rhame Station to Baker line was put in service in 1971 with a 4-inch loop constructed in 1973, a 6-inch loop in 1984 and an 8-inch loop line in 1995. The 8-inch extension in to North Dakota was built in 1997. Harding Station to Rhame Station lines were built and put into service in 1985.
 - b. A 30,000 bbl crude oil tank has been constructed at Marmarth Station in 2005 to improve pipeline flows. Throughput of the main lines has

been increased up to 50000 bpd due to improvements in capacity at Marmarth Station.

B) Robinson Lake to Stanley Transmission Facilities

1. Product type: crude oil
2. Length of facility: approximately 17 miles
3. Pipe Size: 8 inches
4. Maximum design operating pressure: 1,440 PSI
5. Maximum design flow rate: 62,000 BPD
6. Pump station specifications: 2-1250 HP Centrifugal pumps with tankage
7. Internal line inspection tools have been run in 2015.
8. In-Service Dates: This line was put into service in 2010 by Nexen USA. PPLP acquired the line in late December 2010.
9. A previous owner of this facility submitted to the North Dakota Public Service Commission (“NDPSC”) consolidated applications for a certificate of corridor compatibility and route permit on November 17, 2008 in Case No. PU-08-844. The NDPSC issued its Order Granting Corridor Certificate and Route Permit approving the project on February 25, 2009.

C) Stanley to Manitou Transmission Facilities (a/k/a “Nelson to Manitou”)

1. Product type: crude oil
2. Length of facility: approximately 17 miles
3. Pipe Size: 10 inches
4. Maximum design operating pressure: 1,440 PSI
5. Maximum design flow rate: 62,000 BPD
6. Pump station specifications: 2-1250 HP Centrifugal pumps with tankage, originating from Robinson Lake Station.
7. Internal inspection tool was run in 2014 and investigation and repairs are in progress.
8. In-Service Dates: Construction began on this line in late June 2012 and was put in service on December 30, 2012.

D) Bakken North Transmission Facilities (Trenton Station to Raymond Station)

1. Product type: crude oil
2. Length of facility: approximately 80 miles
3. Pipe Size: 12 inches
4. Maximum design operating pressure: 1,440 PSI
5. Maximum design flow rate: 75,000 BPD
6. Pump station specifications: 2-1250 HP Centrifugal pumps with tankage originating near Williston, North Dakota at PPLP’s Trenton Station
7. This line originates from Trenton Station near Williston, North Dakota and delivers to Wascana Pipeline at the Canadian border north of Outlook, Montana. The newly constructed segment from Trenton Station to Raymond Station is 80 miles in length and ties into an existing six (6) mile segment

PPLP acquired from Bridger Pipeline from Raymond Station to the Canada/United States border.

8. The existing segment from Raymond to the border was internally inspected in 2012.
9. The newly constructed segment as well as the Raymond to the border segment has been internally inspected in 2015. Repairs required as results of the internal inspections have been completed.
10. In-Service Dates: Construction began on this line in early 2012 and completed by the first quarter of 2013. This line was placed into service in April 2014.
11. PPLP submitted to the NDPSC a certificate of corridor compatibility and an application for a route permit on August 12, 2011 in Case No. PU-10-630. The NDPSC issued its Findings of Fact, Conclusions of Law and Order approving the project on February 1, 2012.

E) Trenton System Transmission Facilities (Richland County, Montana to Trenton Station near Williston, North Dakota)

1. Product type: crude oil
2. Length of facility: 303 miles (280 miles are in Montana)
3. Pipe Size: 4 inches, 6 inches and 10 inches
4. Maximum design operating pressure: 1,440 psi
5. Maximum design flow rate: 36,000 bpd
6. Pump station specifications: Oil is gathered from production facilities with individual pumps at production sites in North Dakota and Montana. A truck unloading facility, Richland Station, injects crude into the line in Richland County, Montana. Oil is gathered to tankage at Trenton Station near Williston, North Dakota. Trucks can also unload at Trenton Station.
7. Minimum cover over pipe: 48 inches
8. Internal inspection tools were ran in the pipeline in 1997, 2004, 2009, and 2014.
9. 5,000 feet of change-outs were made in 1997-1998. Additional repairs were made in early 2005 as a result of the 2004 internal line inspection tool run. Other anomalies were addressed with pipe replacements as a result of the 2009 internal inspection tool run.
10. Various line segments as well as the North Dakota segments were internally inspected in 2014 and 2015. Plans to continue with various internal line inspections are proceeding into 2016.
11. Approximately 5 miles of 10-inch pipeline, including a 10-inch line bored under the Missouri River, have been constructed in 2006 to replace portions of the 6-inch line to increase capacity. The replaced portions of the 6-inch pipeline have been taken out of service.

- 2) *An identification of the location of the tentative preferred site for all energy conversion facilities and the tentative location of all transmission facilities on which construction is intended to be commenced within the ensuing five years and such other information as may be required by the commission. The site and corridor identification shall be made in compliance with the criteria published by the commission pursuant to section 49-22-05.1.*

A) Rhame Station to Baker Station (Montana) (Looped)

- Five Year Plan: There are no anticipated plans for this pipeline during the next five (5) years.
- Ten Year Plan: There are no anticipated plans for this pipeline during the next ten (10) years.

B) Robinson Lake to Stanley Transmission Facilities (Pipeline)

- Five Year Plan: PPLP has proposed a pipeline from Robinson Lake Station to the Van Hook Rail Terminal, known as the Bison Pipeline Project. The plans were submitted to the NDPSC for a certificate of corridor compatibility and route permit on January 16, 2015 in Case No. PU-15-035. The NDPSC issued its Findings of Fact, Conclusions of Law and Order approving the project on June 8, 2016. The construction of this project has not yet commenced.
- Ten Year Plan: See above Five Year Plan. There are no other anticipated plans for this pipeline during the next ten (10) years.

C) Stanley to Manitou Transmission Facilities (Pipeline)

- Five Year Plan: There are no anticipated plans for this pipeline during the next five (5) years other than possibly short pipeline connections from various production companies or other crude carriers.
- Ten Year Plan: There are no anticipated plans for this pipeline during the next ten (10) years other than possibly pipeline connections from various production companies or other crude carriers.

D) Bakken North Transmission Facilities (Pipeline)

- Five Year Plan: PPLP has constructed this line to deliver crude oil from the Williston, North Dakota area to the Canadian border near Outlook, Montana where it connects with Wascana Pipeline in Canada. Connections from other crude oil sources such as production companies and other pipelines are possible; however, no plans are in existence at this time.
- Ten Year Plan: There are no other anticipated plans for this pipeline during the next ten (10) years other than possibly pipeline connections from various production companies, however, no plans are in existence at this time.

E) Trenton System Transmission Facilities (Pipeline)

- Five Year Plan: PPLP has proposed a pipeline re-route of approximately 8.5 miles to replace the northern portion of the existing Fort Buford to Highway 1804 pipeline. The plans were submitted to the NDPSC for a certificate of corridor

compatibility and route permit on July 31, 2015, as supplemented on August 11, 2015, in Case No. PU-15-614. The NDPSC issued its Findings of Fact, Conclusions of Law and Order approving the project on December 16, 2015. On August 21, 2015, PPLP also submitted a Certification Statement for the Highway 1804 Re-Route South Project notifying the NDPSC that PPLP intends to replace approximately 5.5 miles of existing piping along the southernmost segment of this pipeline in Case No. PU-15-657. PPLP received a letter from the NDPSC acknowledging receipt of the written certifications on October 30, 2015. The construction of these projects has not commenced. There are no other anticipated plans for this pipeline during the next five (5) years other than possible connects to various sites such as production facilities or other carriers; however, no plans are in existence at this time.

- Ten Year Plan: See above Five Year Plan. There are no other anticipated plans for this pipeline during the next ten (10) years.

- 3) *A description of the efforts by the utility to coordinate the plan with other utilities so as to provide a coordinated regional plan for meeting the utility needs of the region.*

Oil and gas exploration activity remains uncertain due to unpredictable crude oil prices. Since petroleum exploration is a highly competitive business, regional planning for production and transportation of oil and gas production is very limited.

If the companies engaged in the exploration and production of oil and gas coordinated their plans on a regional basis in order to meet regional fuel requirements as they foresaw them, they may expose themselves to the severe penalties associated with violation of the nation's antitrust laws.

- 4) *A description of the efforts to involve environmental protection and land-use planning agencies in the planning process, as well as other efforts to identify and minimize environmental problems at the earliest possible stage in the planning process.*

PPLP has developed cooperative working relationships with the U.S. Forest Service, the Bureau of Land Management, the North Dakota Industrial Commission, the NDPSC, the State Health Department, the State Water Commission, and those counties in which it operates.

PPLP selects pipeline corridors and routing to minimize impact as required by the statutes and rules and regulations of the NDPSC. Whenever desirable, PPLP may employ local environmentalists and archaeologists to assist with planning; local farmers may be employed for restoring cropland to tillable condition following construction. PPLP is proud of its safety record in the operation of facilities in North Dakota and is prepared to meet any emergency that should arise in order to minimize the impact of any pipeline failure.

- 5) *A statement of the projected demand for the service rendered by the utility for the ensuing ten years and the underlying assumptions for the projection, with that information being as geographically specific as possible, and a description of the manner and extent to which the utility will meet the projected demands.*

Despite a downturn in commodity pricing, producers in the Williston Basin region remain active; many producers have contractual commitments to deliver specified volumes to third parties which creates demand for crude oil infrastructure, *i.e.*, pipelines and tank storage facilities. As development and production continues, the need for transportation capability will also increase. New facilities and pipelines may need to be constructed to meet growing demand; however, uncertainty and confidentiality of production activities leads to short range planning by the crude oil gathering and transportation industry.

Company Overview

PPLP and its affiliates provide crude petroleum transportation services from producing leases to various pipeline or refinery destinations. Ultimately, the crude oil is converted to marketable condition as fuels and lube products. PPLP must react to the oil and gas industry's needs for its service on a much shorter time frame than five (5) or ten (10) years. The distances involved are relatively short and the need for the service is generally only foreseeable by a few short months. Long-range planning is valuable only to the extent that it permits PPLP to react rapidly and efficiently to industry requirements for pipeline transportation services.

Ownership History

The assets included on this Ten Year Plan were formerly owned by the following entities:

- Koch Gathering Systems, Inc. and/or Koch Pipelines, Inc. (previous to 12/1/1998),
- EOTT Energy Pipeline Limited Partnership (12/1/1998 – 10/1/2003), and
- Link Energy Pipeline Limited Partnership (10/1/2003 – 4/1/2004).

PPLP acquired the Link Energy Pipeline Limited Partnership assets on April 1, 2004. In late December 2010, PPLP acquired the Nexen USA assets. In December 2011, Bridger Pipeline acquired the Fryburg Dodge and Killdeer Pipeline systems from PPLP. Those segments have been removed from PPLP's Ten Year Plans.

The Johnsons Corner Terminal was included in this filing in 2015 but has since been removed and filed under a separate Ten Year Plan by Plains Terminals North Dakota LLC in 2016. The Whitetail Gathering Facilities, Baker/Rhame Gathering Facilities and East Fork Gathering Pipeline—as an inactive part of the Trenton System Transmission Facilities—were all included in PPLP's 2015 Ten Year Plan filing. PPLP has removed these gathering systems from its 2016 Ten Year Plan as these gathering lines do not fall under the PSC's definition of "Facility" and do not need to be included in its Ten Year Plan going forward.

STATE OF NORTH DAKOTA
PUBLIC SERVICE COMMISSION

Case No. PU-16-_____


IN THE MATTER OF THE FILING OF A TEN
YEAR PLAN BY PLAINS PIPELINE, L.P.

**NOTICE OF FILING TEN YEAR PLAN
2016-2026**

PLEASE TAKE NOTICE that Plains Pipeline, L.P., has, this date, in accordance with Section 49-22-04 of the North Dakota Century Code and Chapter 69-06-02 of the North Dakota Administrative Code, filed with the North Dakota Public Service Commission, the Williams County, North Dakota Auditor, and the Mountrail County, North Dakota Auditor, a Ten Year Plan for the years 2016 through 2026.

Dated this 1st day of July, 2016.

FREDRIKSON & BYRON, P.A.

By 
LAWRENCE BENDER, ND Bar #03908
DANIELLE M. KRAUSE, ND Bar #06874
Attorneys for Plains Pipeline, L.P.
1133 College Drive, Suite 1000
Bismarck, ND 58501-1215
(701) 221-8700
lbender@fredlaw.com
dkrause@fredlaw.com

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that a true and correct copy of the following document:

NOTICE OF FILING TEN-YEAR PLAN: 2016-2026

was on the 1st day of July, 2016 served by placing the same in the United States mail, postage prepaid, properly addressed to the following:

North Dakota Aeronautics Commission
P.O. Box 5020
Bismarck, ND 58502-5020

North Dakota Office of Attorney General
State Capitol
600 E. Boulevard Ave.
Dept. 125
Bismarck, ND 58505

North Dakota Dept. of Agriculture
600 E. Boulevard Ave.
Dept. 602
Bismarck, ND 58505-0020

North Dakota Dept. of Health
600 E. Boulevard Ave.
Bismarck, ND 58505-0200

Dept. of Human Services
600 E. Boulevard Ave.
Dept. 325
Bismarck, ND 58505-0250

North Dakota Dept. of Labor
600 E. Boulevard Ave.
Dept. 406
Bismarck, ND 58505-0340

Department of Vocational Education
c/o Career and Technical Education
State Capitol, 15th Floor
600 E. Boulevard Ave., Dept. 270
Bismarck, ND 58505-0610

North Dakota Dept. of Commerce
PO Box 2057
Bismarck, ND 58502-2057

Energy Development Impact Office
North Dakota State Land Dept.
P.O. Box 5523
Bismarck, ND 58506-5523

North Dakota Game and Fish Department
100 N. Bismarck Expressway
Bismarck, ND 58501-5095

North Dakota Geological Survey
600 E. Boulevard Avenue
Bismarck, ND 58505-0840

Office of Governor Jack Dalrymple
State of North Dakota
600 E. Boulevard Ave.
Bismarck, ND 58505-0001

North Dakota State Highway Department
115 D Street
Richardton, ND 58652

North Dakota Department of Transportation
608 E. Boulevard Ave.
Bismarck, ND 58505-0700

State Historical Society
of North Dakota
612 E. Boulevard Ave.
Bismarck, ND 58505-0830

North Dakota Indian Affairs Commission
600 E. Boulevard Ave.
1st Floor - Judicial Wing, Rm. 117
Bismarck, ND 58505-0300

Job Service North Dakota
P.O. Box 5507
Bismarck, ND 58506-5507

North Dakota State Land Dept.
1707 North 9th Street
P.O. Box 5523
Bismarck, ND 58506-5523

North Dakota Parks and Recreation Dept.
1600 E. Century Ave., Suite 3
Bismarck, ND 58503-0649

Division of Community Services
Dept. of Commerce
1600 E. Century Ave., Suite 2
PO Box 2057
Bismarck, ND 58502-2057

North Dakota State Soil Conservation Committee
c/o NDSU Extension Service
2718 Gateway Ave., Suite 104
Bismarck, ND 58503

North Dakota State Water Commission
900 E. Boulevard Ave., Dept. 770
Bismarck, ND 58505-0850

North Dakota Industrial Commission
600 East Boulevard Ave Dept 405
Bismarck, ND 58505-0840

United States Department of Defense
1400 Defense Pentagon
Washington, DC 20301-1400

United States Fish and Wildlife Service
North Dakota Field Office
3425 Miriam Avenue
Bismarck, North Dakota 58501-7926

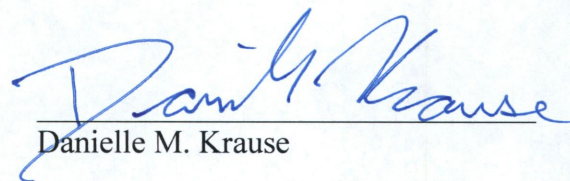
Federal Aviation Administration
800 Independence Ave, SW
Washington, DC 20591

North Dakota Transmission Authority
State Capitol 14th Floor, 600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

North Dakota Pipeline Authority
State Capitol 14th Floor
600 E. Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Mountrail County Commission
PO Box 875
New Town, ND 58763-0875

Williams County Commission
205 E Broadway
Williston, ND 5801


Danielle M. Krause

59119121_1.docx