

ENBRIDGE PIPELINES (NORTH DAKOTA) LLC

TEN YEAR PLAN
NORTH DAKOTA

JUNE 30, 2009

Enbridge Pipelines (North Dakota) LLC
Ten Year Plan
North Dakota

JUNE 30, 2009

SCHEDULE A: Existing Energy Conversion Facilities

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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SCHEDULE B: Energy Conversion Facilities Under Construction

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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SCHEDULE D: Proposed Energy Conversion Facilities During the Next Ten Year
Time Period

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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SCHEDULE E: Existing Transmission Facilities (Electric)

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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SCHEDULE F: Existing Transmission Facilities (Pipeline)

- 1) Enclosed is a System Map designated as Exhibit "A".
- 2) The pipeline consists of:
 - a) Product type -- crude petroleum
 - b) Length of facility
 - i) 566.86 miles in service
 - c) Pipe size
 - i) 6-5/8" O.D.
 - ii) 8-5/8" O.D.
 - iii) 10-3/4" O.D.
 - iv) 12-3/4" O.D.
 - v) 16" O.D.
 - d) Maximum design operating pressure
 - i) 1440 psig for 6-5/8"
 - ii) 1440 psig for 8-5/8"
 - iii) 1440 psig for 10-3/4"
 - iv) 1440 psig for 12-3/4"
 - v) 1440 psig for 16"
 - e) Maximum design flow rate
 - i) Grenora to Beaver Lodge – 25, 000 BPD (Barrels Per Day)
 - ii) Alexander to Beaver Lodge – 93,000 BPD
 - iii) Canadian Border to Berthold – 45,000 BPD
 - iv) Beaver Lodge to Minot – 144,000 BPD
 - v) Stanley to Minot – 170,000 BPD
 - vi) Sherwood to Maxbass – 7, 000 BPD
 - vii) Newburg to Maxbass – 4,800 BPD
 - viii) Maxbass to Minot – 16,000 BPD
 - ix) Minot to Clearbrook, Minnesota – 161, 000 BPD

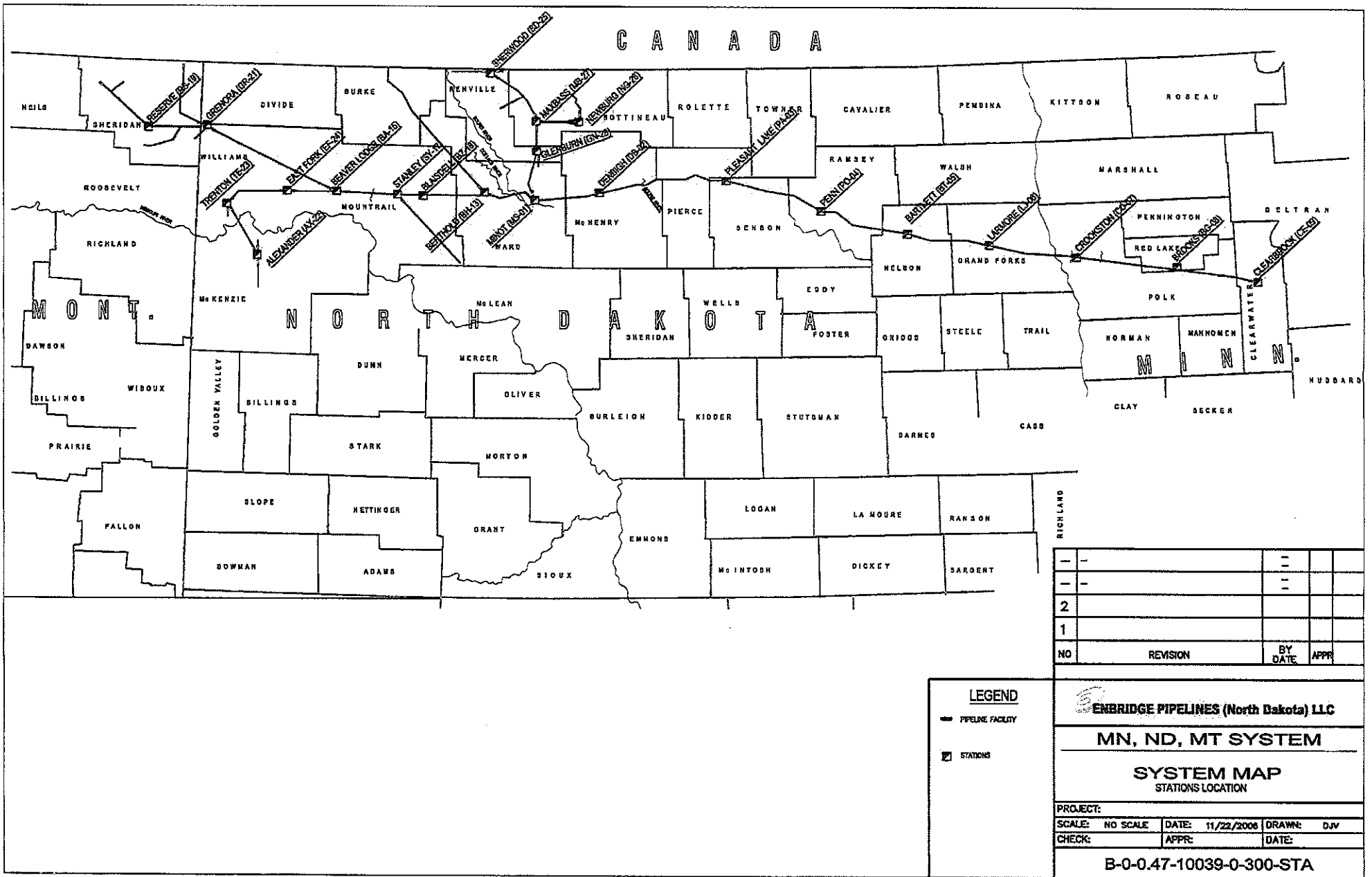
f) Pump Stations

- i) Number (North Dakota) 18
- ii) Station horsepower
 - (1) Total installed horsepower – 56155 Hp
 - (2) 1 – 1500 horsepower diesel engine (back-up)
- iii) Discharge pressure – 1440 psig
- iv) Capacity – 4,800 – 161,600 BPD

g) Minimum cover over pipe – 36 inches

3) Facilities “in service” dates

- a) Grenora to Beaver Lodge – 1964
- b) Alexander to Beaver Lodge – 1983
- c) Canadian Border to Berthold – 1996
- d) Beaver Lodge to Berthold – 1964
- e) Sherwood to Maxbass – 1962
- f) Newburg to Maxbass – 1960
- g) Maxbass to Minot – 1960
- h) Minot to Clearbrook Station, Minnesota – 1962
- i) Berthold to Minot – 1962
- j) Trenton to Beaver Lodge – Q4 2007



1			
2			
NO	REVISION	BY DATE	APPR

LEGEND

— PIPELINE FACILITY

□ STATIONS

ENBRIDGE PIPELINES (North Dakota) LLC

MN, ND, MT SYSTEM

SYSTEM MAP
STATIONS LOCATION

PROJECT: NO SCALE DATE: 11/22/2008 DRAWN: DJV
 CHECK: APPR: DATE:

B-0-0.47-10039-0-300-STA

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SCHEDULE G: Proposed Transmissions Facilities on Which Construction is
Intended Within the Ensuing Five Years (Electric)

This schedule does not apply to Enbridge Pipelines (North Dakota) LLC

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SCHEDULE H: Proposed Transmission Facility on Which Construction is Intended
Within the Ensuing Five Years (Pipeline)

Planned upgrades to the EPND pipeline system in 2008 are as follows:

Alexander to Beaver Lodge

1. Upgrade pumps at Alexander
2. Upgrade pumps at Trenton
3. Add metering at Alex & Trenton

Beaver Lodge to Minot

1. Upgrade pumps at Beaver Lodge
2. Upgrade pumps at Stanley
3. Increase injection at Stanley to 80,000 BPD
4. Add storage tank (80,000 BBL)
5. Hydro-Test Berthold to Minot 16" line
6. Reactivate 6" line from Plaza to Stanley

Minot to Clearbrook

1. Upgrade piping and pumps at Minot
2. Upgrade pumps at Denbigh
3. Upgrade pumps at Pleasant Lake
4. Upgrade pumps at Penn
5. Upgrade pumps at Bartlett
6. Upgrade pumps at Larimore
7. Delivery & measurement point at Clearbrook, MN will be completely rebuilt in 2009.

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SCHEDULE I: Proposed Transmission Facilities During the Next Ten-Years Time
Period (Electric and Pipeline)

Projected to reverse Lignite Line and move ND volume north to EPSI system to Cromer,
Enbridge mainline.

30-115 BPD – Q4 – 2011 – Q4 – 2013

Q3 – 2010 – New 80,000 BBL tank Stanley Station.

Potential – Truck injection at Berthold Station in 2010 – 2013.

Gathering South of Beaver Lodge to Dunn County in 2010 – 2013, will include truck
receipts.

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SCHEDULE J: Regional Coordination

Enbridge Pipelines (North Dakota) LLC is not attempting to coordinate our plans with other utilities serving the area. However, as expansion plans develop, affected utilities have and will be contacted.

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SCHEDULE K: Environmental Information

See attached policy.

Environmental Policy

Liquids Pipelines

- The protection of the environment is an integral element in the conduct of company business.
- The company will ensure adverse environmental effects are minimized through careful planning, implementation of effective protection measures, and monitoring of company activities.
- The company will comply with government regulations and standards through internal rules and procedures for environmental protection that will be consistent with industry codes and guidelines.
- The company will minimize consequences of emergency events by ensuring prompt and effective response.
- The company will provide appropriate training to ensure employees understand their responsibility to protect the environment.
- Employees and contractors must follow company environmental rules and procedures, and must carry out work in an environmentally responsible manner at all times.
- The company will provide the public and government with relevant information regarding planned activities, and will actively respond to their concerns.
- Environmental damage resulting from company actions or actions of its contractors will be repaired in a timely and efficient manner.
- Environmental research will be encouraged, supported and undertaken when necessary to improve company environmental protection and reclamation procedures.

A handwritten signature in black ink, appearing to read 'Steve Wuori', written over a horizontal line.

Steve Wuori
Executive Vice President
Liquids Pipelines

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SCHEDULE L: Projected Demand for Service

Crude oil gathered into the Enbridge System is batched in Minot for transporting through Enbridge's mainline pipeline to Clearbrook, Minnesota. In 2010, Enbridge's mainline projection is 161,600 BPD. Enbridge's volume of business is directly related to production in the Williston basin, which is dependent on the extent of exploration being undertaken and crude oil usage, by others. Current ND production is in excess of 226,000 BPD and is forecast to climb to 350,000 BPD in the future.