

December 9, 2014

**HAND DELIVERED**

Mr. Darrell Nitschke  
Executive Secretary  
North Dakota Public Service Commission  
600 East Boulevard Avenue, Dept. 408  
Bismarck, ND 58505-4080



**RE: Targa Badlands, LLC —  
Case Number PU-14-625**


Dear Mr. Nitschke:

Please find enclosed for filing an original and ten (10) copies of the following:

- Errata sheets for pages 7, 17, 18, and 19, Tab 1, of Targa Badlands, LLC's Combined Corridor Compatibility and Route Permit Application, Docket Item No. 1.

Also enclosed is a CD containing the above-referenced documents in electronic format.

If you should have any questions, please advise.

Sincerely,  
  
LAWRENCE BENDER

LB/dmk  
Enclosures

cc: Tom Meriwether (via e-mail)  
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**18** **PU-14-625** Filed: 12/9/2014 Pages: 5  
**Errata sheets – pages 7, 17, 18, 19, & Tab 1 of Application**

Targa Badlands LLC

Lawrence Bender, Fredrikson & Byron, P.A.

## 2.10 Approximate Length of Facility

The final length of the pipeline is 167,371 feet (31.70 miles). The final length was necessitated by reroutes deemed necessary to avoid:

1. Critical habitat of a federally listed species (piping plover),
2. Numerous archaeological sites, and
3. Specific requests made by landowners and lease operators impacted by the pipeline.

The location and need for each reroute is discussed in Section 8.1.5.

## 2.11 Requirement for and General Location of Any New Associated Facilities

The New Town tank facility is located on 30 acres within Section 21 of Township 152, Range 92. The facility is accessible via East Avenue, south of Highway 23. The physical address for the facility is 3801 88th Avenue NW, New Town, ND 58763. The 30,000-barrel tank and associated equipment and piping are located on the northern half of the site. The southern portion of the site includes buildings and is used as a laydown yard for ongoing Targa operations and maintenance activities. There are two existing pipeline easements held by Slawson Exploration, Inc. The easements run across the southern portion of the property.

The Stanley tank facility is located on 5 acres within Section 27 of Township 156, Range 91. The facility is accessible via extension of an existing roadway (61st Avenue NW) located along the south side of the Enbridge Terminal. The physical address of the facility is 8059 61st Avenue NW, Stanley, ND 58784. This site is subject to easements for an electric transmission line (Montana-Dakota Utilities) along the east side of the property, and crude petroleum (Enbridge) and natural gas pipelines (Plains All American Pipeline Partners) along the southern portion of the property. Another crude petroleum pipeline easement exists along the western edge of the property. Both crude petroleum pipelines have a 50-foot-wide easement. The natural gas pipeline has a 60-foot-wide easement.

## 2.12 Estimated Distance between Surface Structures for Pipeline Facilities

Surface structures are located as shown in Table 2.

**Table 2: Surface Structure Locations**

Component Name	Location (Township-Range-Section)	Distance from Origin (pipeline feet)	Distance to Terminus (pipeline feet)
New Town Tank Facility	152-92-21	0	167,371
Valve Station #1	153-91-29	50,500	116,871
Valve Station #2	154-91-33	83,555	83,816
Valve Station #3	154-91-03	123,000	44,371
Stanley Tank Facility	156-91-27	167,731	0

## 2.13 Pipe Size for Pipeline Facilities

For the pipeline, the pipe meets ANSI 600 specifications. In most areas, the pipeline is comprised of 8.625-inch outside diameter pipe with a 0.219-inch wall thickness and a maximum allowable operation pressure of 1,480 pounds psi at a maximum operating temperature of 100°F. Pipe meeting the API 5L specification, with PSL-2 and X-52 ratings, and a 0.322-inch wall thickness was used where the pipeline encounters railway or roadway crossings, natural drainages, ponds, sloughs or other wetlands, and on each side of aboveground valve stations. At the tank facilities, piping meets the API 5L specification, with PSL-2 ratings, and a 0.322-inch wall thickness.

The only Avoidance Area crossed by the route was the upper end of the Stanley Reservoir where the distinction between the reservoir and the Little Knife River is subtle. The location of the crossing was discussed by the City of Stanley, who eventually approved the present location. A building permit was issued by the City of Stanley for the tank facility and the waterbody crossing.

Twelve cultural resources were recorded during the pedestrian survey of the study corridor, including eight stone feature sites, two historic archaeological sites, one architectural site, one railroad, and two additional sites. Mitigation, including rerouting of the pipeline, was completed to avoid sites that are or were considered potentially eligible for the National Register of Historic Places.

Fifteen residences are located within 500 feet of the route alignment. None are within the 100-foot study area corridor (50 feet to either side of the centerline).

**Table 5: Avoidance Areas within the Study Corridor**

Feature	Location	Closest Distance to Project	Anticipated Effects
<b>Designated or Registered National: Historic Districts, Wildlife Areas, Wild/Scenic/Recreational Rivers, Wildlife Refuges, and Grasslands</b>			
No National Historic Districts within Mountrail County	--	--	None
No Wild/Scenic/Recreational Rivers within 30 miles	--	--	None
Wildlife Areas/Refuges (same as those in Table 4)	--	--	None
No National Grasslands within 30 miles	--	--	None
<b>Designated or Registered State: Wild/Scenic/Recreational Rivers, Game Refuges, Game Management Areas, Management Areas, Forests, Forest Management Lands</b>			
No State Wild/Scenic/Recreational rivers	--	--	None
Game Refuges/Game Management Areas/Management Areas	--	--	--
<ul style="list-style-type: none"> <li>State PLOTS Lands</li> </ul>	T154N-R91W Section 11 T154N-R91W Section 27 T154N-R91W Section 27 T154N-R91W Section 34 T154N-R91W Section 34	0.17 mile 0.36 mile 0.69 mile 0.82 mile 0.87 mile	None
<ul style="list-style-type: none"> <li>Van Hook Resort &amp; Wildlife Management Area</li> </ul>	Directly south of intersection of Highway 23 and 8, along shore of Lake Sakakawea	4.2 miles	None
No State Forests or Management Lands within Mountrail County	--	--	None
<b>Historical Resources Not Designated as Exclusion or Avoidance Areas</b>			
No Historical Markers in Mountrail County	--	--	None
<b>Archaeological Sites</b>			
<ul style="list-style-type: none"> <li>32MN1076, 32MN1077, 32MN1079, 32MN1080, 32MN1081, 32MN1082, 32MN1083</li> </ul>	Restricted	Pipeline reroutes enabled removing the features from within 100 foot construction ROW	None
<b>Geologically Unstable Areas</b>			
No geologically unstable areas within or adjacent to the study corridor (including earthquake, flooding, mass wasting, slumping, mine subsidence, and frost heaving)	--	--	None
<b>Within 500 Feet of a Residence</b>			
Annala, Brooks	Township 153N, Range 91W, Section 32: W1/2S1/2NW; W1/4W1/2W1/2E1/2S1/2NW	<500 feet	Waiver executed 12/9/2014

**Table 5: Avoidance Areas within the Study Corridor**

Feature	Location	Closest Distance to Project	Anticipated Effects
Dodson, Jay	Township 153N, Range 91W, Section 10: NW1/4NW1/4NW1/4	<500 feet	Waiver executed 11/19/2014
Evans, Fred	Township 154W, Range 91W, Section 3: S1/2NE1/4; LOTS 1 & 2, LESS OUTLOTS 1 - 6	<500 feet	Waiver executed 11/18/2014
Grotte, Wanda & Brooks L.	Township 152N, Range 92W, Section 21: N1/2 OF OUTLOT 1 OF NE	<500 feet	Waiver executed 6/3/2014
Grotte, Wanda	Township 152N, Range 92W, Section 21: N1/2 of OUTLOT 1 of NE	<500 feet	Waiver executed 6/3/2014
Haddeland, Darren J. (Deceased)	Township 152N, Range 92W, Section 21: SUBLOT B OF OUTLOT 3 OF SENE	<500 feet	Waiver executed by sole heir 12/9/2014
Hornaday, Shari L.	Township 152N, Range 92W, Section 21: SUBLOT B OF OUTLOT 4 OF SENE	<500 feet	Waiver executed 6/5/2014
Hornaday, Wanda	Township 152N, Range 92W, Section 21: SUBLOT B of OUTLOT 4 of SENE	<500 feet	Waiver executed 6/3/2014
Johnson, Audrey	Township 152N, Range 92W, Section 3: SW1/4SW1/4SE1/4; W1/2SE1/4SW1/4SE1/4	<500 feet	Waiver executed 5/28/2014
Johnson, Shane	Township 152N, Range 92W, Section 21: SILVERLINE SUBDIVISION; Parcel 460018003	<500 feet	Waiver executed 6/10/2014
Johnson, Shane	Township 152N, Range 92W, Section 21: SUBLOT A of OUTLOT 4 of SENE	<500 feet	Waiver executed 6/10/14
Kelly, Steven A. & Sandra	Township 152N, Range 92W, Section 21: SILVERLINE SUBDIVISION; Parcel 460018002 & Parcel 460018004	<500 feet	Waiver executed 6/30/2014
Langor, Mark	Township 152N, Range 92W, Section 21: SUBLOT A OF OUTLOT 4 OF SENE	<500 feet	Waiver executed 6/10/2014
Littlefields, Michael & Steven	Township 153N, Range 91W Section 29: NE1/4SE1/4; S1/2NE1/4; NE1/4NE1/4	<500 feet	Waiver executed by easement
Niemitalo, Kevin	Township 154N, Range 91W, Section 11, Outlot 1.	<500 feet	Waiver executed 12/8/2014
Reese, John & Colleen	Township 152N, Range 92W, Section 21: S1/2 OF OUTLOT 1 OF NE & OUTLOT 2 OF SENE, SUBLOT A of OUTLOTS 3 of SENE, OUTLOT 5 of SENE and SUBLOT A of OUTLOT 6	<500 feet	Waiver executed 11/15/2014
Sauber, John & Kathryn (Upon further investigation, this building is not a residence)	Township 155N, Range 91W, Section 11: W1/2NW1/4; NW1/4SW1/4	<500 feet	Waiver executed 5/27/2014
<b>Within 500 Feet of a School</b>			
No Schools within 500 feet	--	--	None
<b>Within 500 Feet of a Place of Business</b>			
Dakota Plains Transport Inc.	Township 154N, Range 91W, Section 21: NE1/4	5219 feet	No waiver needed
EFM Enterprises	Township 154N, Range 91W, Section 33: NE1/4	<500 feet	Waiver executed 6/2/2014
IVM Holdings LLC	Township 152N, Range 92W, Section 21: OUTLOT 2 OF NENW	3097 feet	No waiver needed

**Table 5: Avoidance Areas within the Study Corridor**

Feature	Location	Closest Distance to Project	Anticipated Effects
Mountrail-Williams Electric Cooperative, Inc.	Township 152N, Range 92W, Section 21: OUTLOT 12 OF NWNW	5351	No waiver needed
Soo Line Railroad Company	Township 152N, Range 92W, Section 21: THAT PART OF N400' OF NWNW LYING S OF SOO	N/A	No waiver needed (Targa has obtained a permit from Soo Line Railroad to authorize the track crossing.)
<b>Reservoirs and Municipal Water Supplies</b>			
Stanley Reservoir	Constructed across the Little Knife River	Within corridor, route crosses	None
Little Knife River	Route crosses the upper end of the Stanley Reservoir where distinction between the reservoir and the river is unclear	Within corridor, route crosses	None
Lake Sakakawea	West of New Town	1 mile, near New Town	None
<b>Water Sources for Organized Rural Water Districts</b>			
Southwest Pipeline Project	Associated with Lake Sakakawea	1.0 mile	None
Northwest Water Supply Project	Associated with Lake Sakakawea	1.0 mile	None
Western Area Water Supply Program	Associated with Lake Sakakawea	1.0 mile	None
Red River Valley Water Supply Project	Associated with Lake Sakakawea	1.0 mile	None
<b>Irrigated Land</b>			
No irrigated lands within the study corridor	--	--	None
<b>Recreational Significance Area Not Designated as Exclusion</b>			
Sybyl Center for Life Enrichment	301 1st Street SW, Stanley, ND	1.7 miles	None

### 7.2.1 Selection Criteria

State of North Dakota Rules specify several selection criteria to be considered in designating a pipeline corridor or route. Specifically, the Commission considers whether adverse effects from the location, construction, and maintenance of the facility, as they relate to these criteria, will be at an acceptable minimum and whether these effects will be managed and maintained at an acceptable minimum. Impacts, as they relate to each of the selection criteria, are discussed below.

#### 7.2.1.1 Agricultural Production

Of the nearly 400 acres of land within the study corridor, approximately 5 acres are considered Prime Farmland and 103 acres are considered Farmland of Statewide Importance (Natural Resources Conservation Service 2014).