



**SANDPIPER PIPELINE PROJECT**  
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Enbridge Pipelines (North Dakota) LLC  
 North Dakota PSC Application  
 October 2013  
 Docket No. PU-13-187



<b>EXHIBIT H.1</b>		
<b>Sandpiper Pipeline Project Agency Consultation Correspondence</b>		
<b>Natural Resources Conservation Service (NRCS)</b>		
<b>North Dakota Counties</b>	<b>Date of Initial Consultation Correspondence</b>	<b>Date of NRCS Reply Correspondence</b>
<b>Williams</b>	4-22-2013	
<b>Mountrail</b>	4-22-2013	
<b>Ward</b>	4-22-2013	
<b>McHenry</b>	4-22-2013	
<b>Pierce</b>	4-22-2013	
<b>Towner</b>	4-22-2013	
<b>Ramsey</b>	4-22-2013	
<b>Nelson</b>	4-22-2013	
<b>Grand Forks</b>	4-22-2013	
<b>All Counties Combined</b>		4-26-2013



**From:** [Gayle Konik](#)  
**To:** [Angela M. Ronayne](#); [John W. Muehlhausen](#); [Sara Ploetz](#)  
**Subject:** FW: Enbridge Sandpiper Pipeline Project - ND NRCS County Initial Consultation  
**Date:** Friday, April 26, 2013 9:32:57 AM

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**From:** Gayle Konik  
**Sent:** Friday, April 26, 2013 9:32 AM  
**To:** 'Lund, Lisa - NRCS, Bismarck, ND'  
**Cc:** 'Hagel, Todd - NRCS, Bismarck, ND'  
**Subject:** RE: Enbridge Sandpiper Pipeline Project - ND NRCS County Initial Consultation

Hi Lisa: Thanks for the assistance. We will await further information from NRCS. The link to the noxious weed contacts will be very helpful.

Have a good weekend, Gayle

Gayle M. Konik  
Manager, Environment

o- 715-3984559  
c- 715-718-1832

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**From:** Lund, Lisa - NRCS, Bismarck, ND [mailto:[lisa.lund@nd.usda.gov](mailto:lisa.lund@nd.usda.gov)]  
**Sent:** Friday, April 26, 2013 9:20 AM  
**To:** Gayle Konik  
**Cc:** Hagel, Todd - NRCS, Bismarck, ND  
**Subject:** FW: Enbridge Sandpiper Pipeline Project - ND NRCS County Initial Consultation

Please do not open any attachments from organizations or people that you are not familiar with. Also, since it is possible for viruses to "spoo" or fake the sender's address, do not open emails with attachments from people you know, but from whom you were not expecting an attachment or if the attachment is a file type or file name that you customarily do not receive from this person.

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Hi Gayle,

I'm am responding on behalf of all 9 counties listed. I've cc'd Todd Hagel (ND Assistant State Conservationist for Water Resources) as he will be providing you the shapefile for the WRP/GRP easements/lands. Keep in mind that Farm Service Agency administers CRP. As far as the request for known locations of noxious and invasive weeds, we would ask that you work with the local weed boards/officers. Here is a link that will provide a directory of contacts:

<http://www.nd.gov/ndda/program/noxious-weeds>

*Lisa Lund*  
*ND State Administrative Officer*

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**From:** Gayle Konik [<mailto:Gayle.Konik@enbridge.com>]  
**Sent:** Tuesday, April 23, 2013 8:10 AM  
**To:** Wingenbach, Jerry - NRCS, Minot, ND  
**Subject:** Enbridge Sandpiper Pipeline Project - ND NRCS County Initial Consultation

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April 22, 2013

Jerald Wingenbach, District Conservationist  
Natural Resources Conservation Service  
Minot Service Center  
1920 13th St SE  
Minot, ND 58701-6059

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Wingenbach,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge is in the process of determining the project route, but expects construction to take place between late-2014 and early 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. A project-wide map of the proposed pipeline route; project map of North Dakota counties crossed; a list of the Section, Township, Range crossed by the project; and a shapefile of a 2-mile-wide study area are enclosed

Enbridge has contracted Merjent, Inc. (Merjent) to assist with environmental review and permitting of Sandpiper, including NRCS-administered programs and resource information. To facilitate our environmental review of Sandpiper, we are requesting the following information for each county crossed that is within the 2-mile-wide study area in North Dakota:

- identification of Wetland Reserve Program (WRP), Conservation Reserve Program (CRP), Conservation Reserve Enhancement Program (CREP), and Grassland Reserve Program (GRP) easements/lands;
- known locations of noxious and/or invasive weed species along the proposed route; and
- identification of any lands/easements that may be enrolled in programs not described above.

We ask that your office provide the location, size, and shape of the easements (as a GIS shapefile) or the UTM location of the center point of the parcel. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize construction-related effects on soil and water resources.

To facilitate consultation regarding NRCS-administered programs within the project area in North Dakota, similar consultation letters have been sent to the NRCS District Conservationist for each of the other counties crossed by Sandpiper, and the State and County Executive Directors of the Farm Service Agency.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance. An original, signed copy of this correspondence will follow.

Sincerely,

Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent

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\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*

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Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

David W. Schmidt, District Conservationist  
Natural Resources Conservation Service  
Williston Service Center  
1106 West 2nd St  
Williston, ND 58801-5804

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Schmidt,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance.

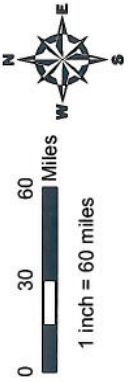
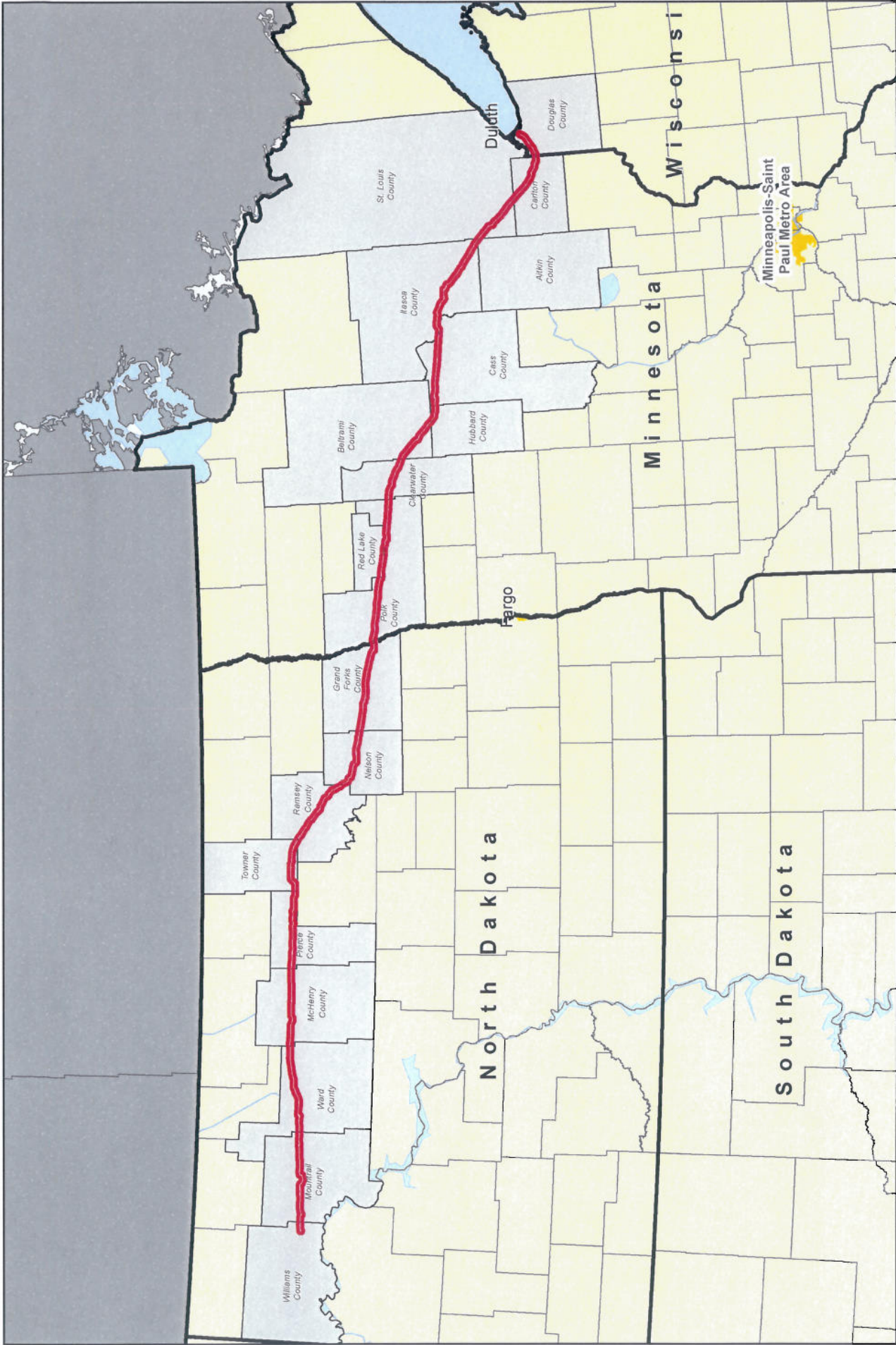
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

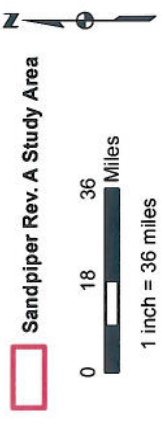
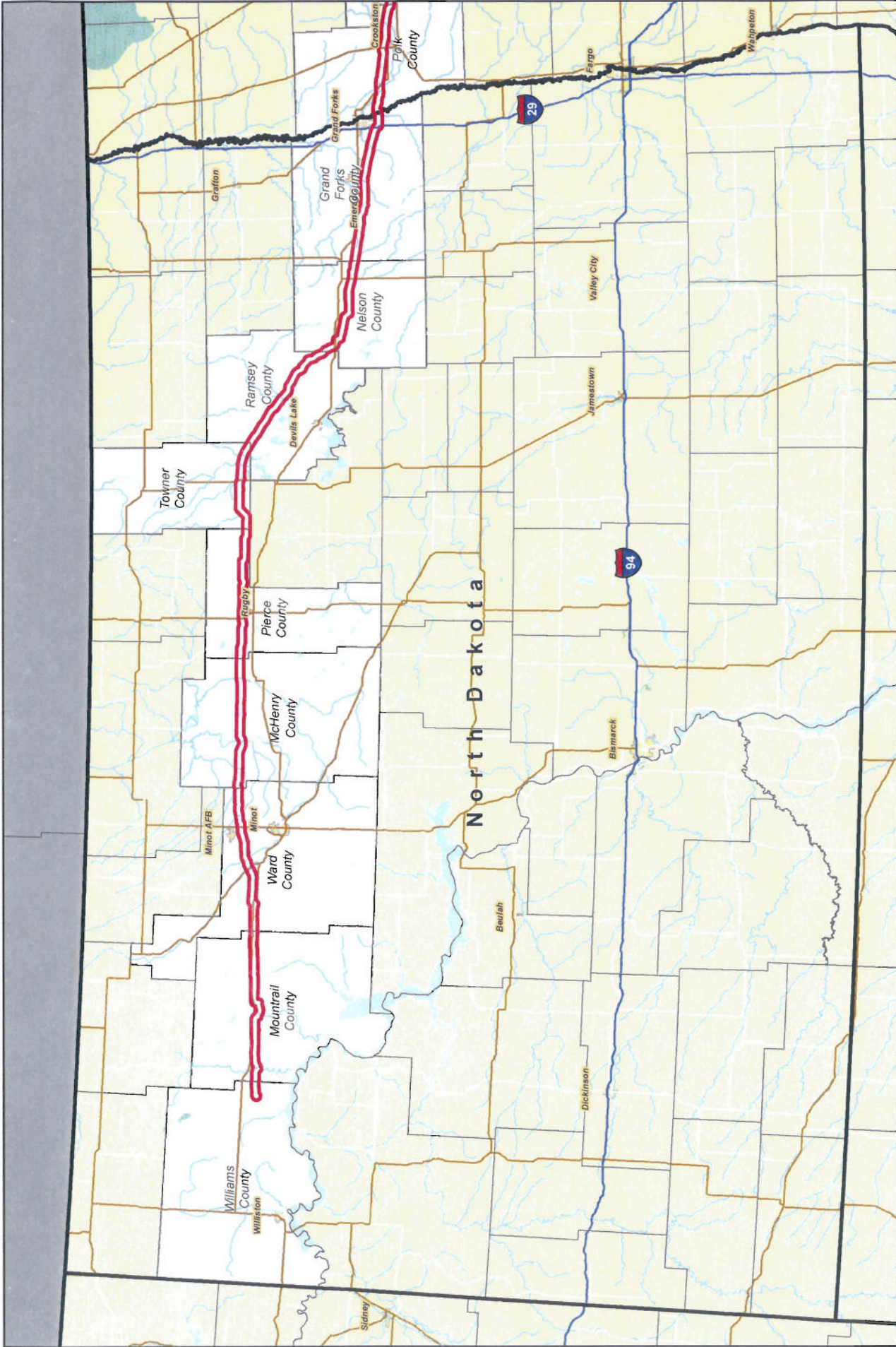
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





Sandpiper Rev. A Study Area

## Enbridge Pipelines (North Dakota) LLC

### Sandpiper Pipeline Project

#### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Williams County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R95W	4, 5
T156N	R95W	33, 34, 35, 36



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1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Malinda P. Ferguson, District Conservationist  
Natural Resources Conservation Service  
Stanley Service Center  
21 1st St SE  
Stanley, ND 58784-4000

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Ms. Ferguson,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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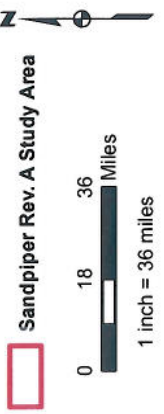
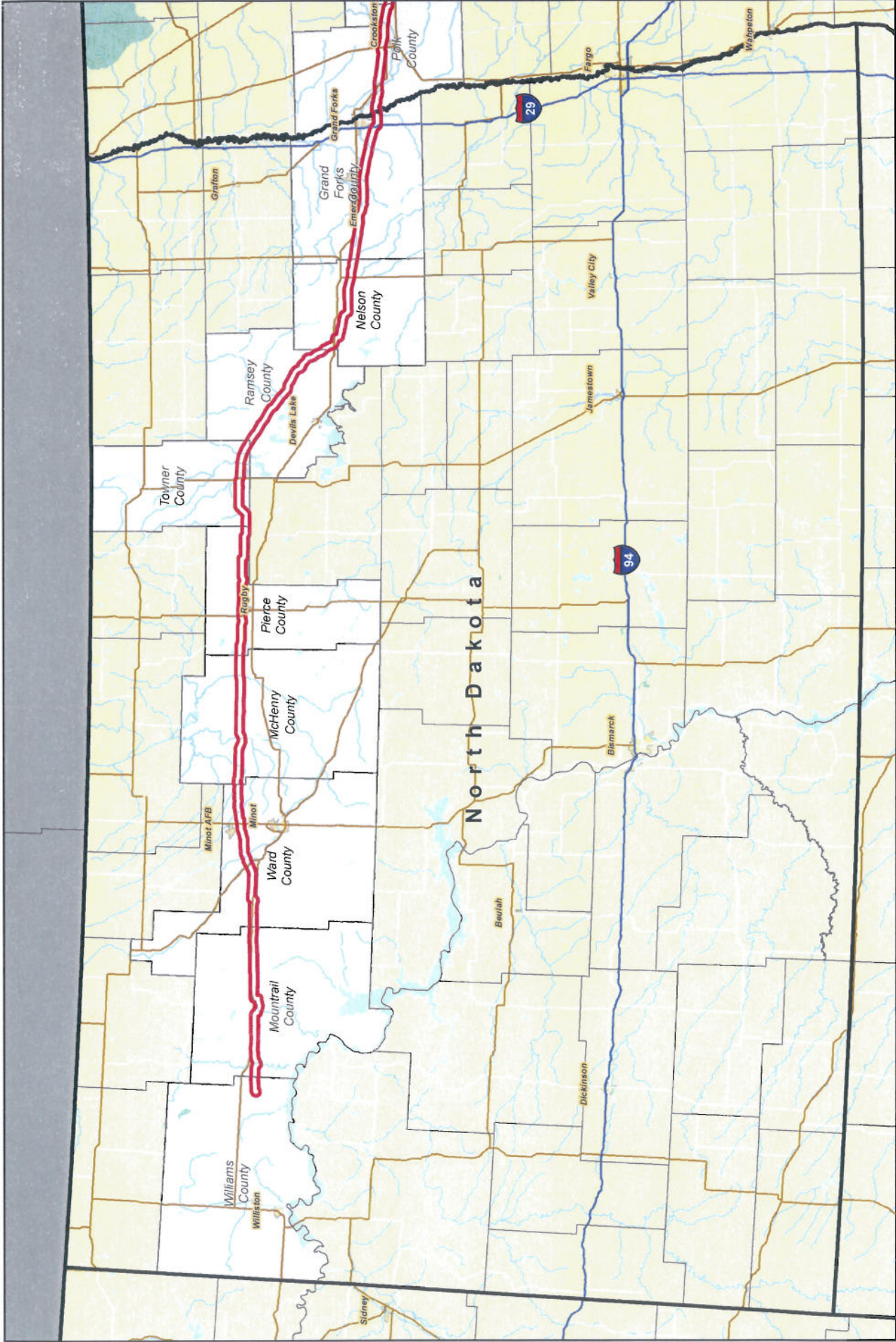


Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent





Sandpiper Rev. A Study Area

**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Mountrail County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R94W	3
T156N	R88W	19, 20, 21, 22, 23, 24
T156N	R89W	19, 20, 21, 22, 23, 24
T156N	R90W	24, 25, 26, 27, 28, 29, 30
T156N	R91W	25, 26, 31, 32, 33, 34, 35
T156N	R92W	25, 26, 27, 28, 29, 30, 31, 36
T156N	R93W	31, 32, 33, 34, 35, 36
T156N	R94W	31, 32, 33, 34, 35, 36
T156N	R95W	36



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April 22, 2013

Jerald Wingenbach, District Conservationist  
Natural Resources Conservation Service  
Minot Service Center  
1920 13th St SE  
Minot, ND 58701-6059

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Wingenbach,

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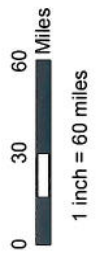
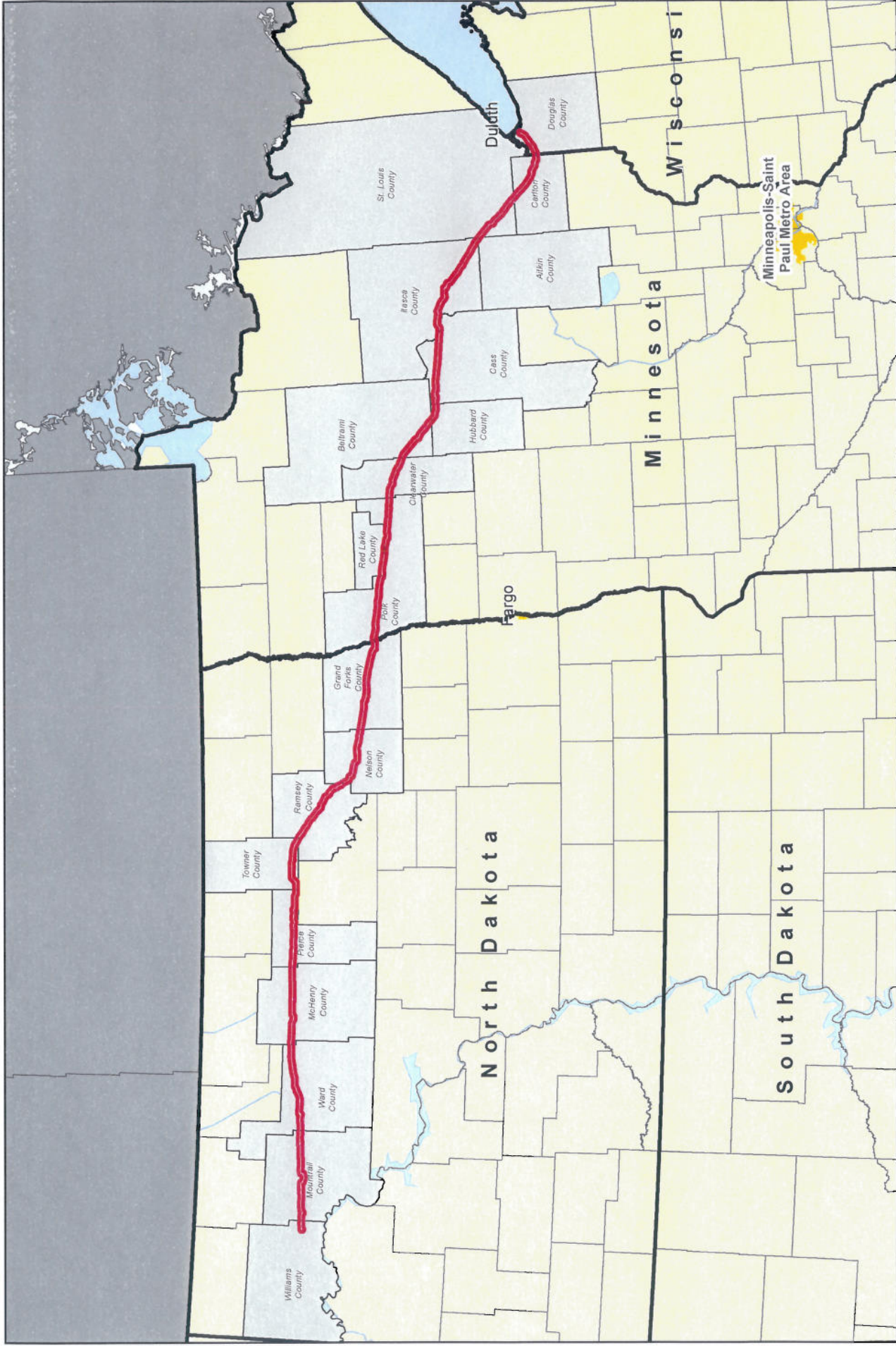
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Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
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Shapefile of a 2-mile-wide Study Area

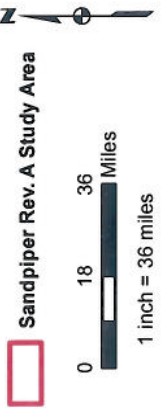
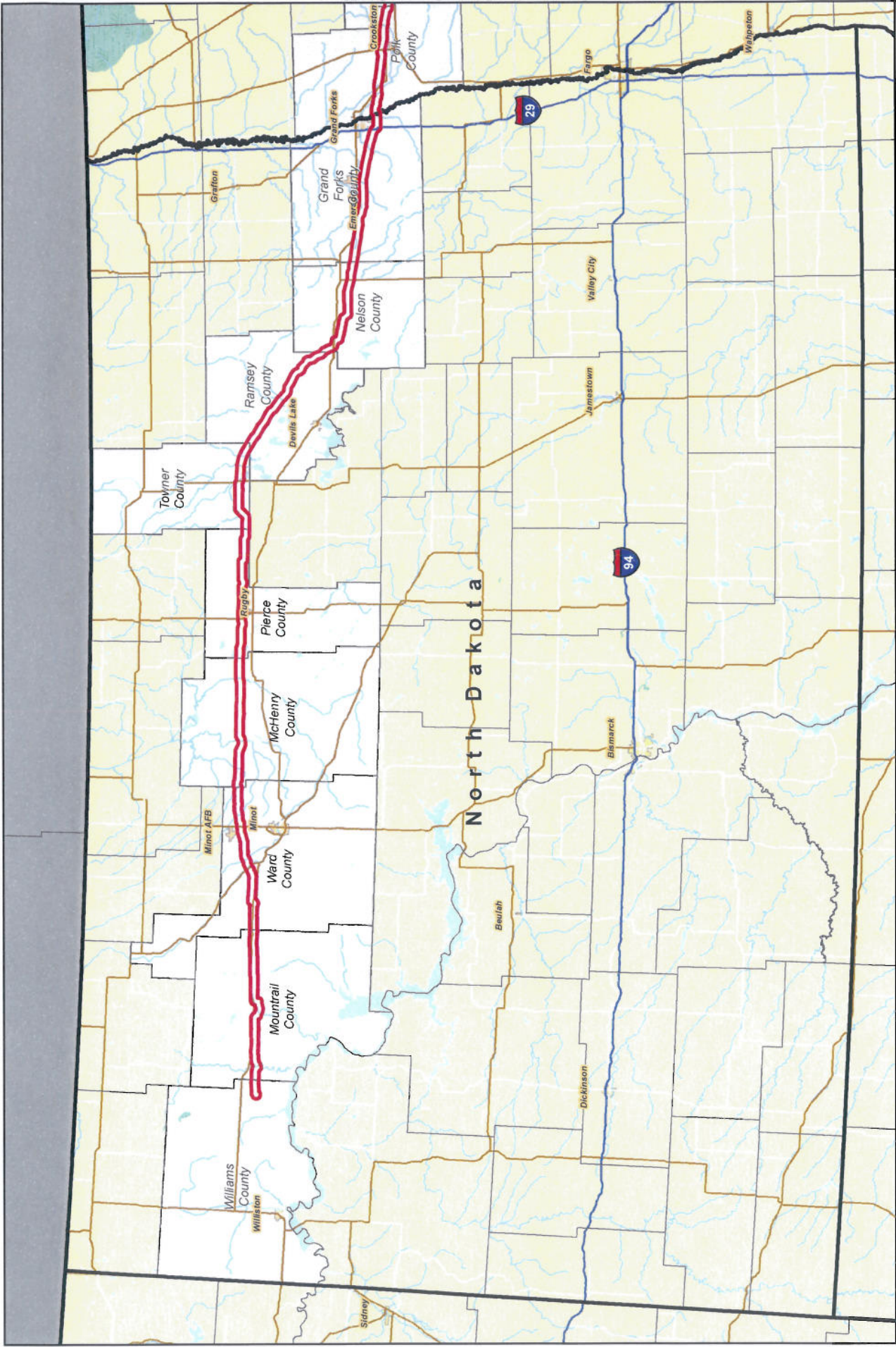
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**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map



One... Source... Enbridge... Sandpiper...



Sandpiper Rev. A Study Area

# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Ward County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T156N	R83W	6
T156N	R84W	1, 2, 3, 4, 5, 6, 7, 8
T156N	R85W	11, 12, 14, 15, 16, 17, 18
T156N	R86W	13, 14, 15, 16, 17, 19, 20, 21
T156N	R87W	19, 20, 21, 22, 23, 24
T156N	R88W	24
T157N	R81W	24, 25, 26, 27, 28, 29, 30
T157N	R82W	25, 26, 27, 28, 31, 32, 33
T157N	R83W	34, 35, 36



Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Douglas D. Dragseth, District Conservationist  
Natural Resources Conservation Service  
Towner Service Center  
705 Main St S  
Towner, ND 58788

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Dragseth,

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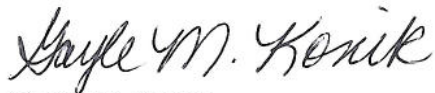
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We ask that your office provide the location, size, and shape of the easements (as a GIS shapefile) or the UTM location of the center point of the parcel. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize construction-related effects on soil and water resources.

To facilitate consultation regarding NRCS-administered programs within the project area in North Dakota, similar consultation letters have been sent to the NRCS District Conservationist for each of the other counties crossed by Sandpiper, and the State and County Executive Directors of the Farm Service Agency.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance.

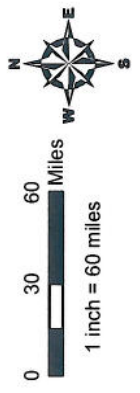
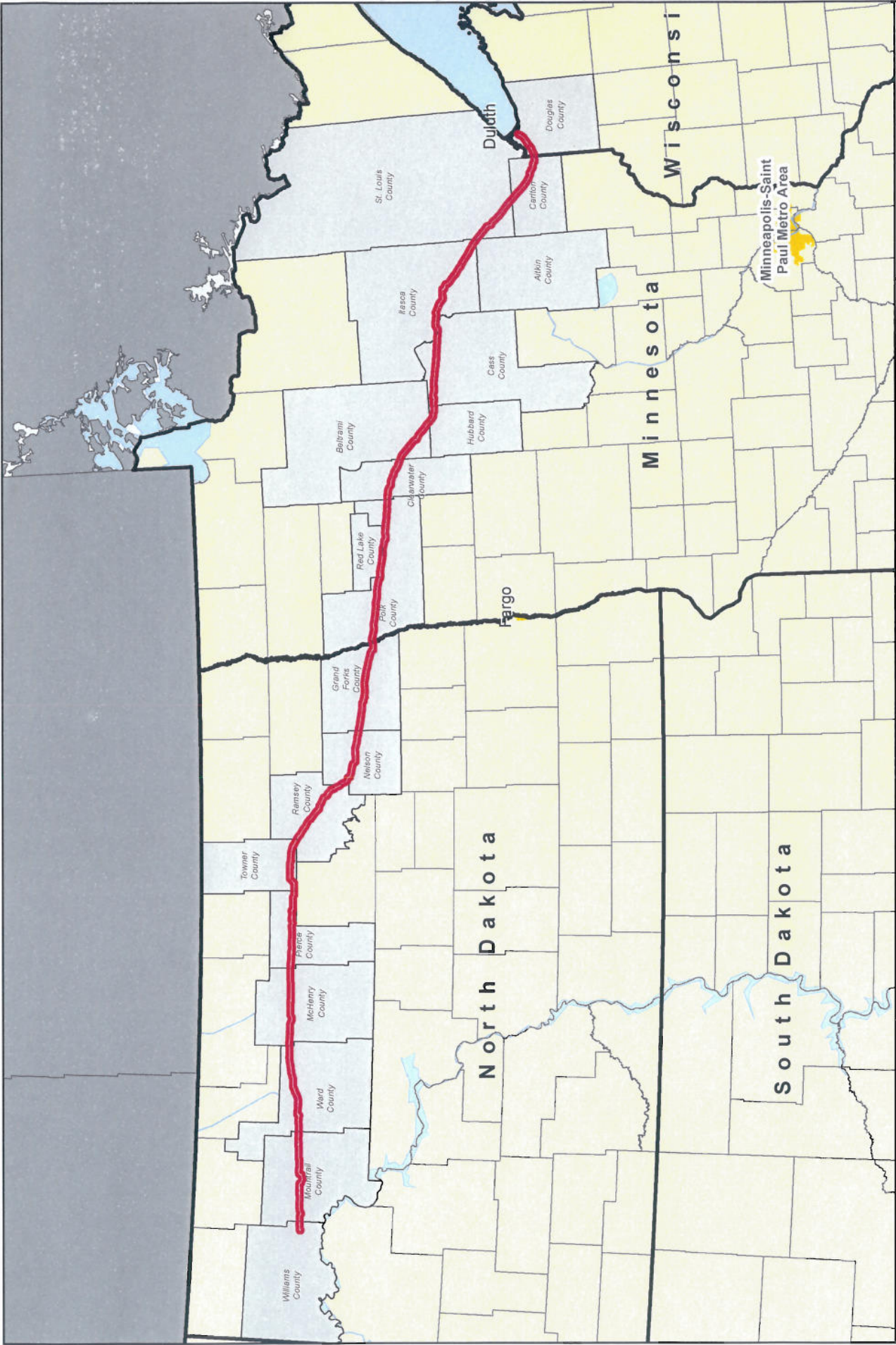
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

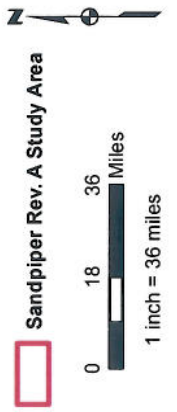
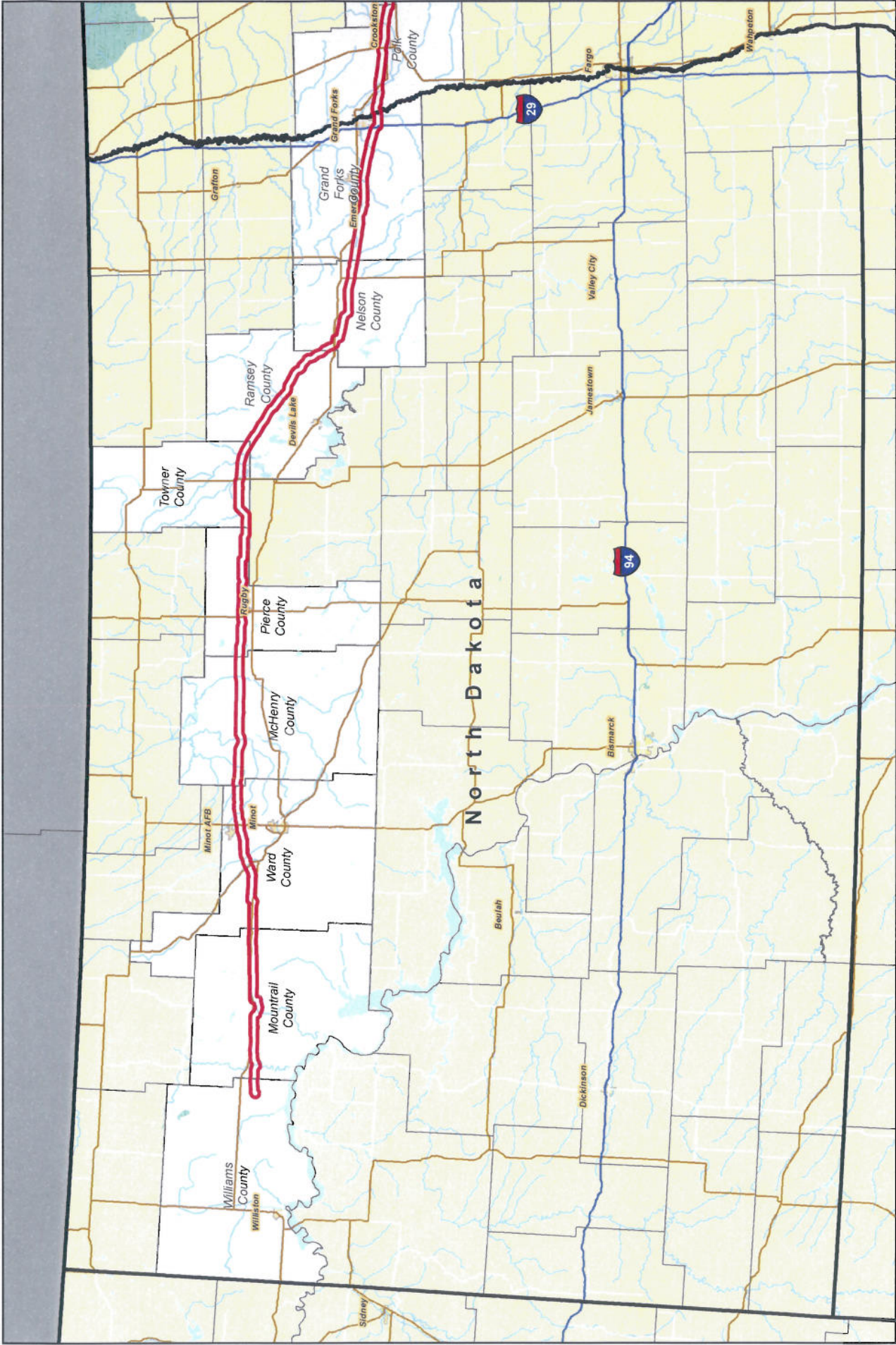
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





□ Sandpiper Rev. A Study Area

## Enbridge Pipelines (North Dakota) LLC Sandpiper Pipeline Project North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in McHenry County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R74W	19
T157N	R75W	19, 20, 21, 22, 23, 24
T157N	R76W	24, 25, 26, 27, 28, 29, 30
T157N	R77W	25, 26, 27, 28, 29, 30
T157N	R78W	25, 26, 27, 28, 29, 30
T157N	R79W	25, 26, 27, 28, 29, 30
T157N	R80W	19, 20, 25, 26, 27, 28, 29
T157N	R81W	24, 25



Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Bradley S. Jacobs, District Conservationist  
Natural Resources Conservation Service  
Rugby Service Center  
126 2nd Ave SW STE 103  
Rugby, ND 58368

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Jacobs,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge is in the process of determining the project route, but expects construction to take place between late-2014 and early 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. A project-wide map of the proposed pipeline route; project map of North Dakota counties crossed; a list of the Section, Township, Range crossed by the project; and a shapefile of a 2-mile-wide study area are enclosed

Enbridge has contracted Merjent, Inc. (Merjent) to assist with environmental review and permitting of Sandpiper, including NRCS-administered programs and resource information. To facilitate our environmental review of Sandpiper, we are requesting the following information for each county crossed that is within the 2-mile-wide study area in North Dakota:

- identification of Wetland Reserve Program (WRP), Conservation Reserve Program (CRP), Conservation Reserve Enhancement Program (CREP), and Grassland Reserve Program (GRP) easements/lands;
- known locations of noxious and/or invasive weed species along the proposed route; and
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To facilitate consultation regarding NRCS-administered programs within the project area in North Dakota, similar consultation letters have been sent to the NRCS District Conservationist for each of the other counties crossed by Sandpiper, and the State and County Executive Directors of the Farm Service Agency.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance.

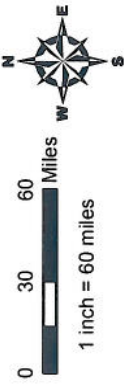
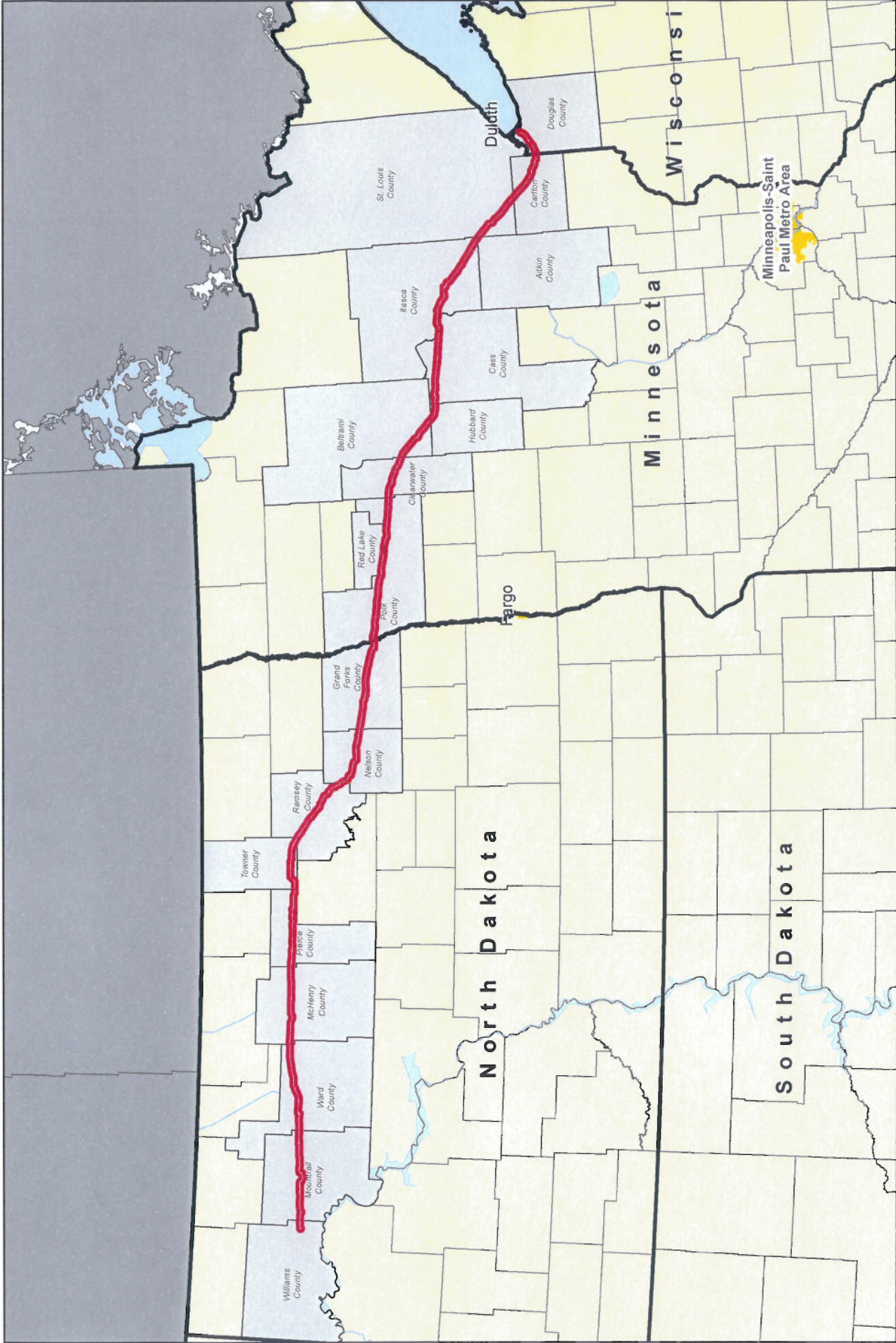
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

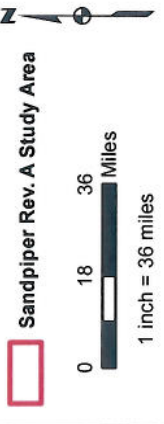
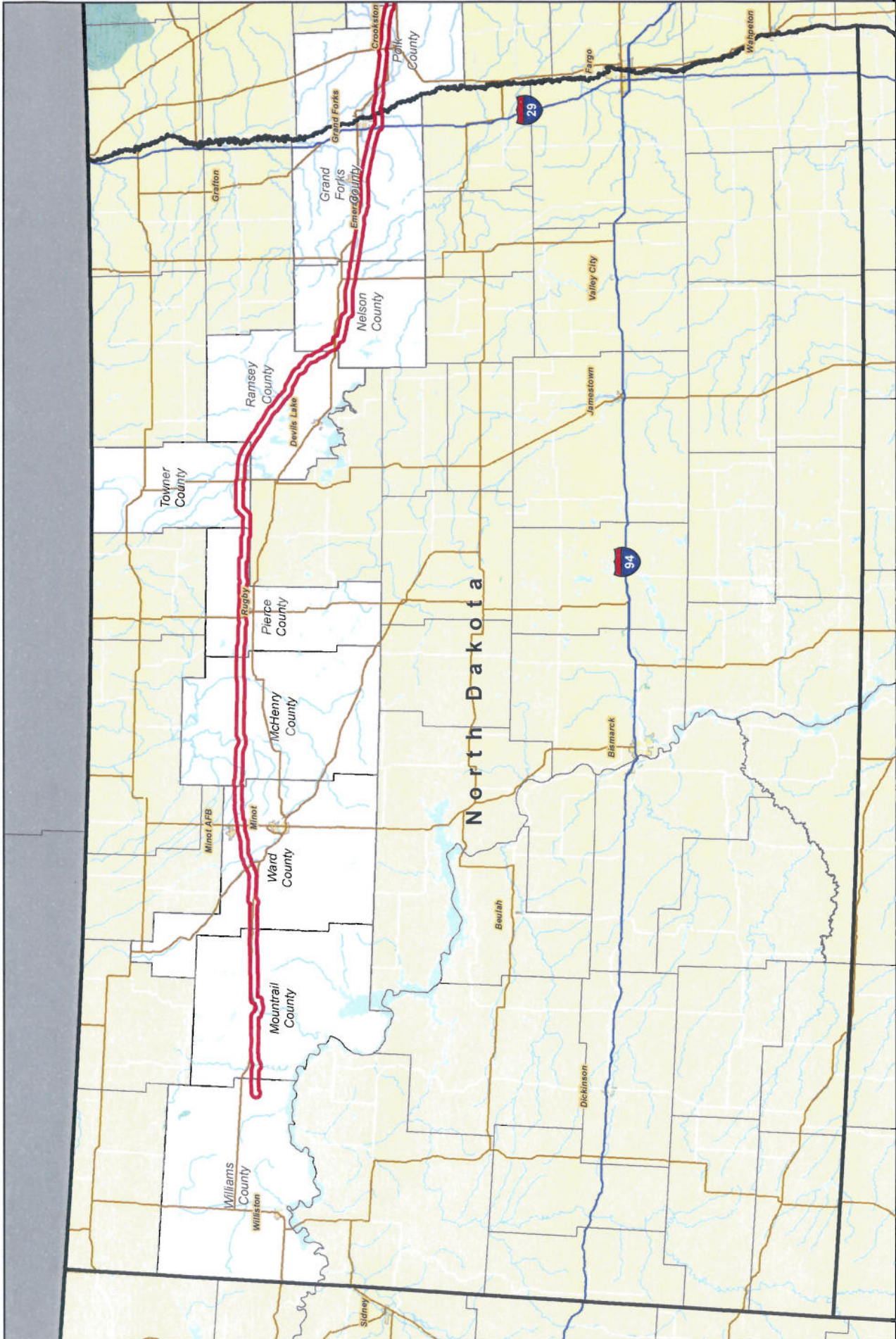
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





Sandpiper Rev. A Study Area

## Enbridge Pipelines (North Dakota) LLC

### Sandpiper Pipeline Project

#### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Pierce County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R68W	31
T157N	R69W	25, 26, 27, 28, 29, 30, 36
T157N	R70W	20, 21, 22, 25, 26, 27, 29, 30
T157N	R71W	21, 22, 23, 25, 26, 27, 28, 29, 30
T157N	R72W	25, 26, 27, 28, 29, 30
T157N	R73W	19, 25, 26, 27, 28, 29, 30
T157N	R74W	19, 20, 21, 22, 23, 24



Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Brandon Schwab, District Conservationist  
Natural Resources Conservation Service  
Cando Service Center  
1210 Highway 281 S  
Cando, ND 58324-6616

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Schwab,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

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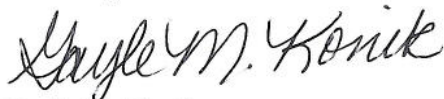
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If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Tony Dalbec at Merjent (621-746-3674; adalbec@merjent.com). Thank you for your assistance.

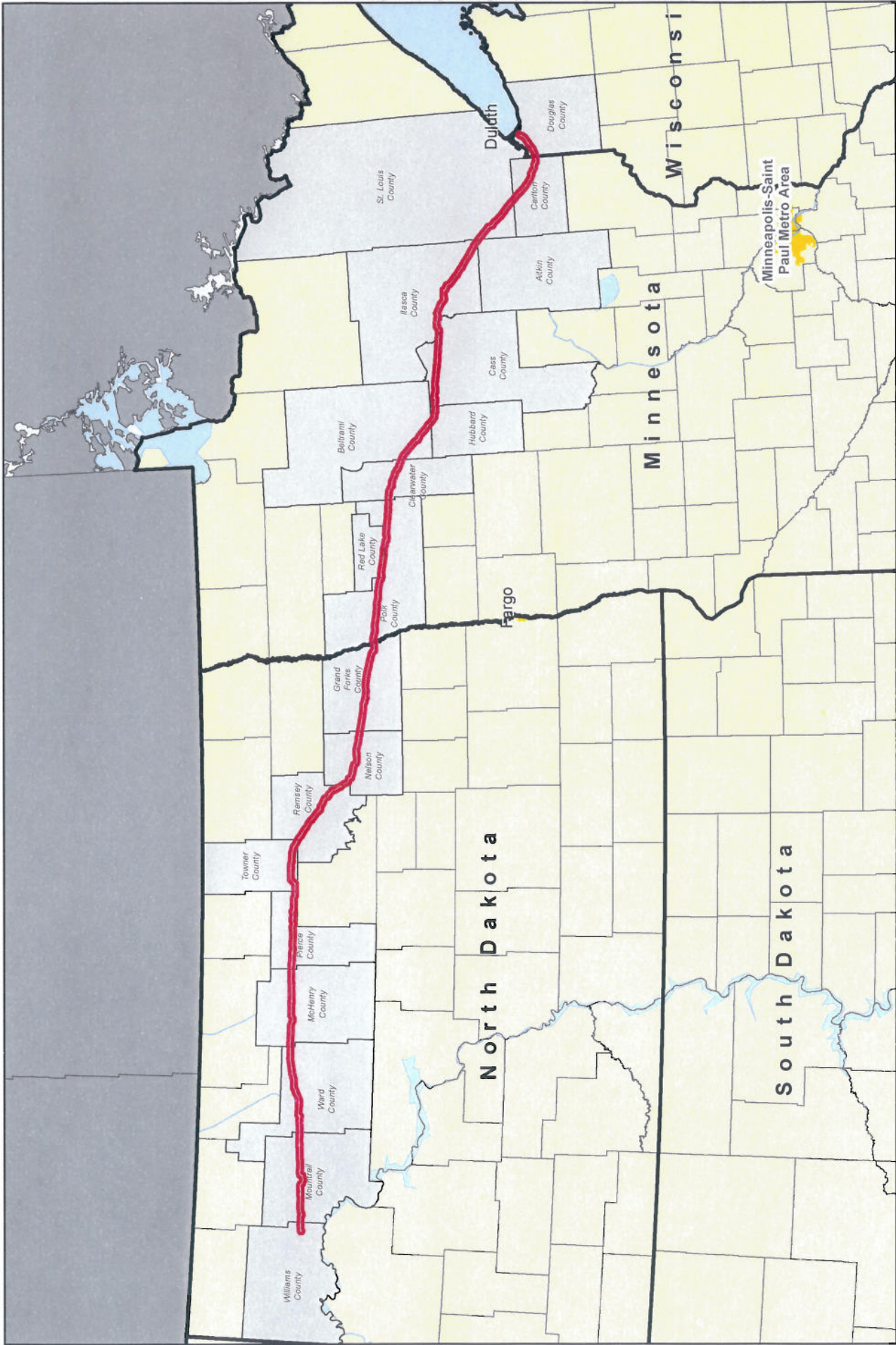
Sincerely,



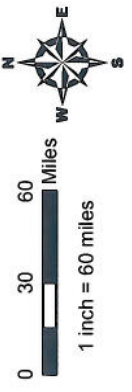
Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

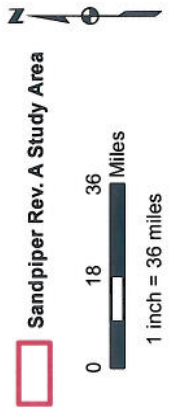
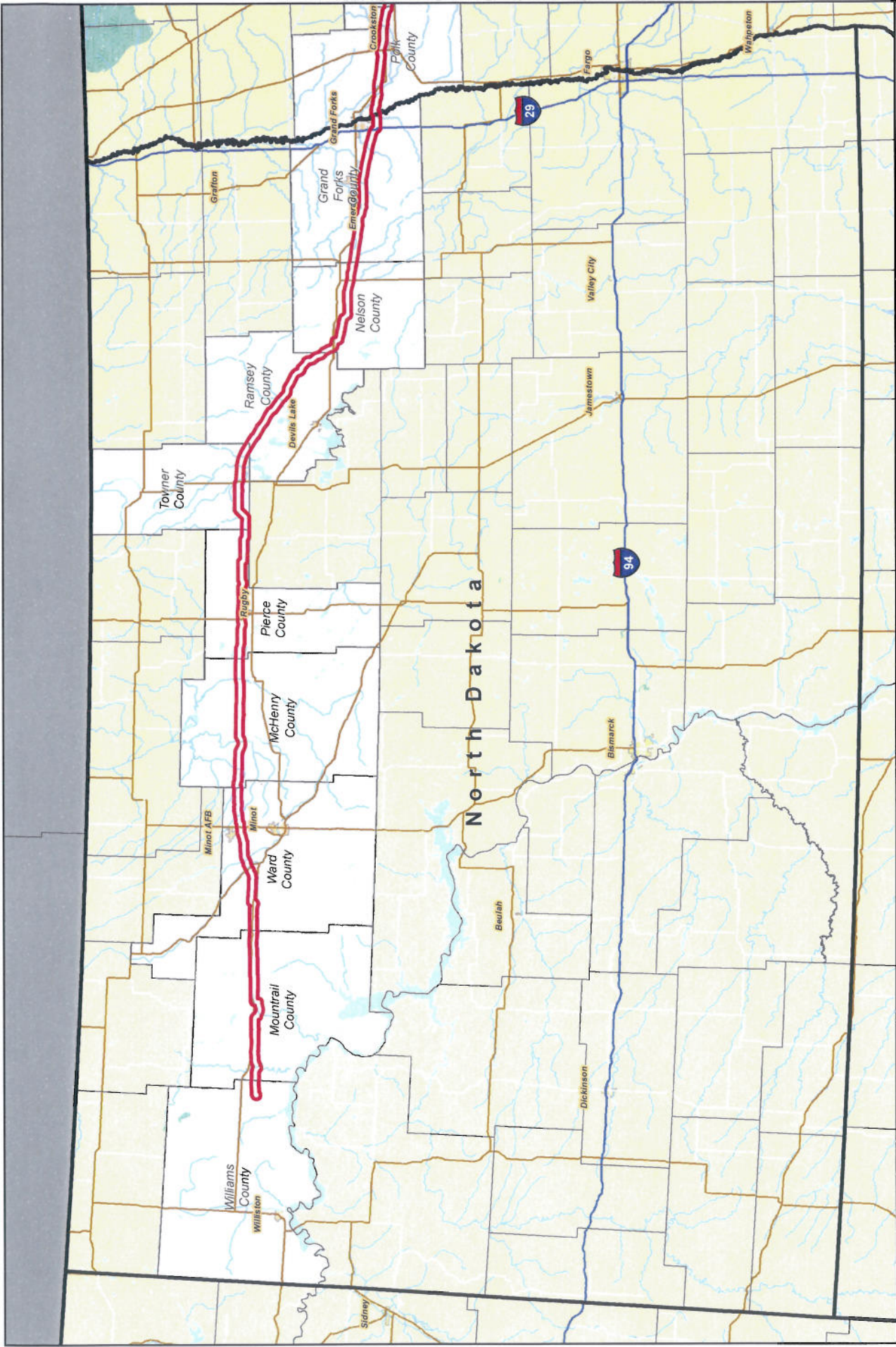
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





**Sandpiper Rev. A Study Area**

0 18 36 Miles  
1 inch = 36 miles

# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Towner County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R65W	19, 20, 26, 27, 28, 29, 35, 36
T157N	R66W	19, 20, 21, 22, 23, 24
T157N	R67W	19, 20, 21, 22, 23, 24
T157N	R68W	23, 24, 26, 27, 31, 32, 33, 34
T157N	R69W	25



Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Paul J. Thompson, District Conservationist  
Natural Resources Conservation Service  
Devils Lake Service Center  
706 8th Ave., SE  
Devils Lake, ND 58301-3749

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Thompson,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance.

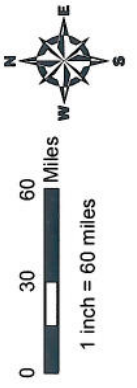
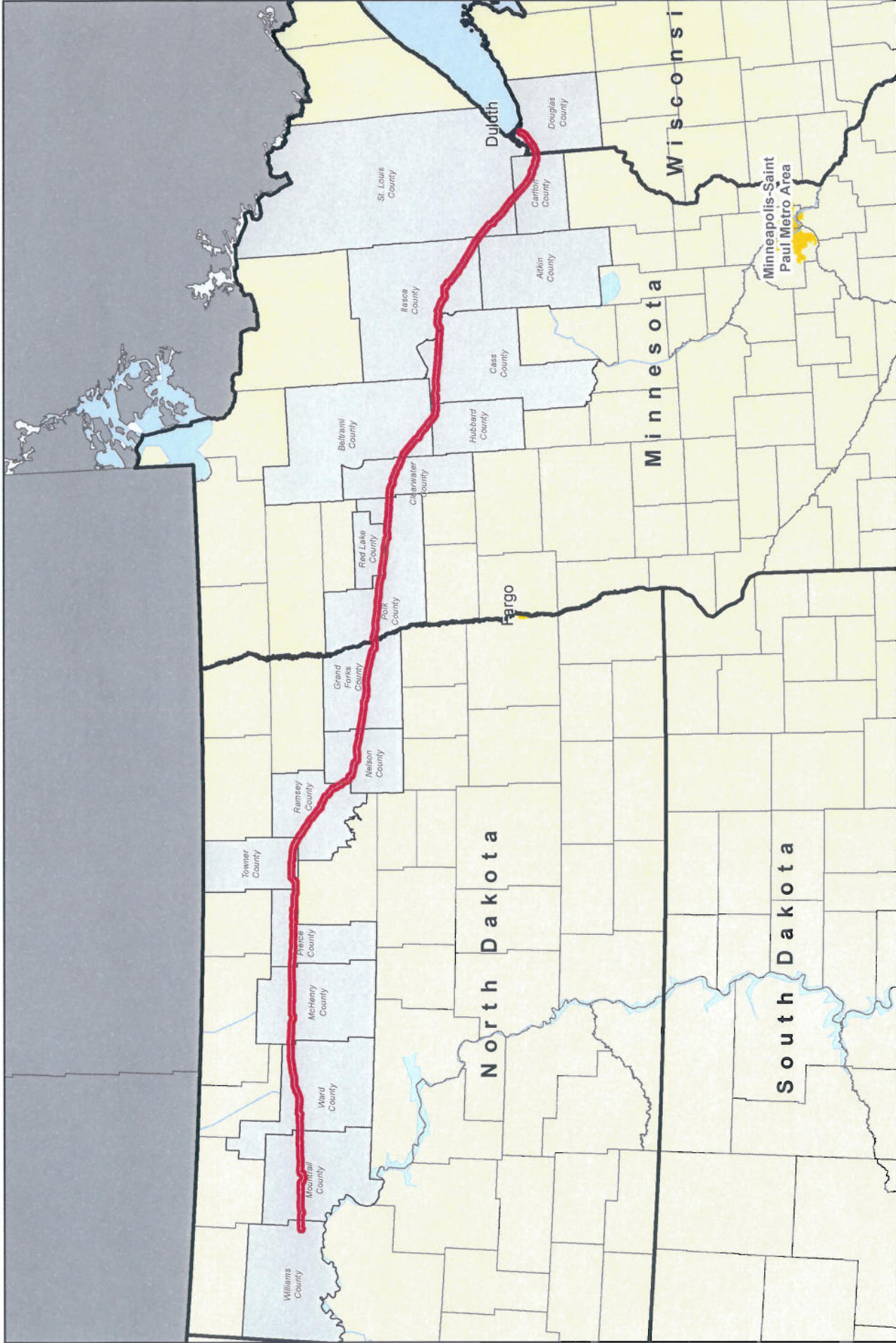
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

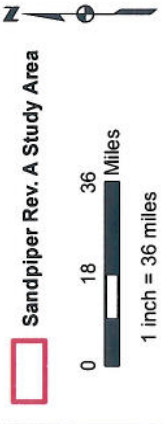
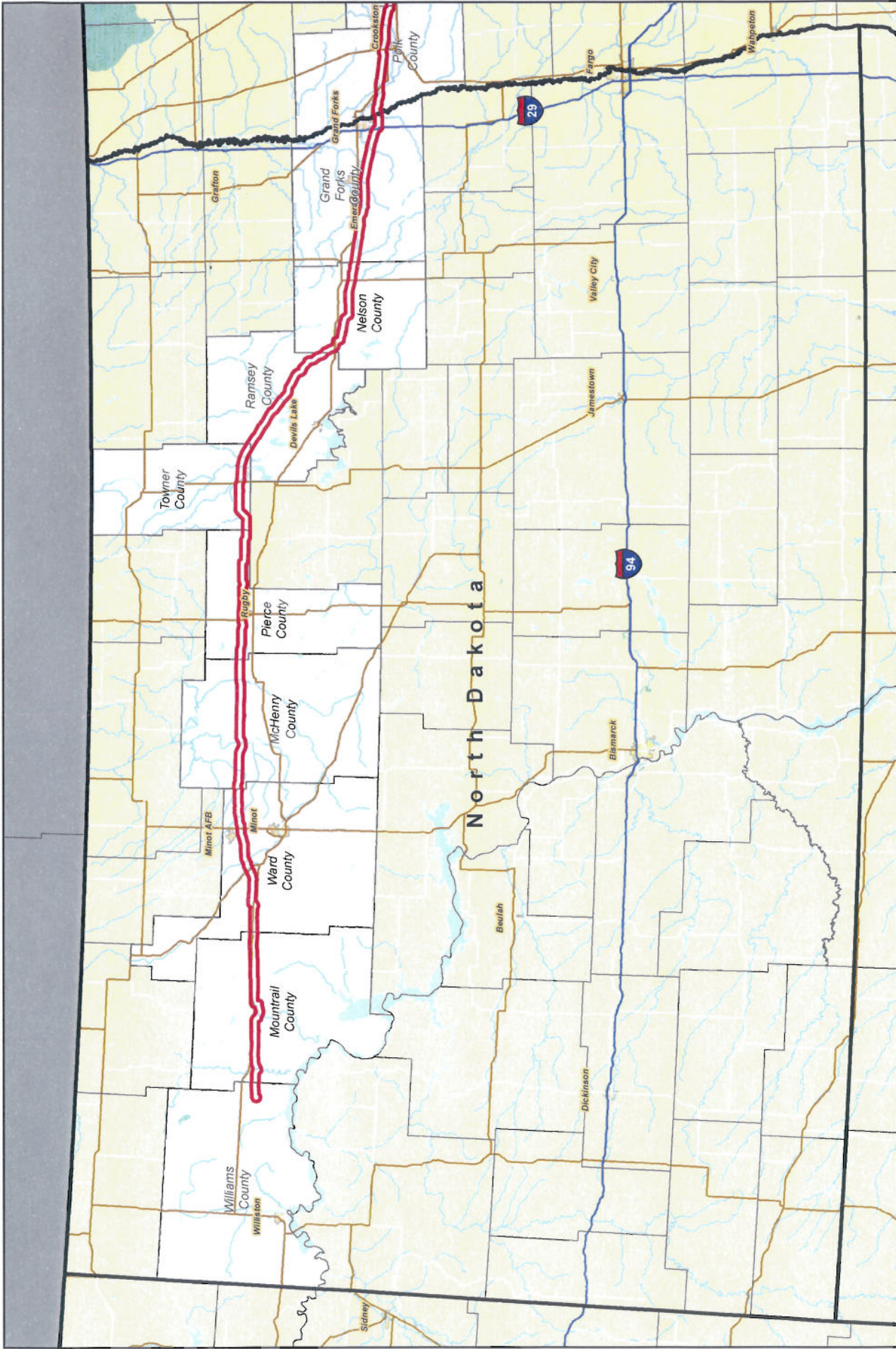
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





Sandpiper Rev. A Study Area



# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Ramsey County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T153N	R60W	18, 19
T153N	R61W	1, 2, 12, 13
T154N	R61W	6, 7, 8, 15, 16, 17, 18, 21, 22, 26, 27, 34, 35, 36
T154N	R62W	1
T155N	R62W	19, 27, 28, 29, 30, 34, 35, 36
T155N	R63W	4, 5, 9, 10, 11, 13, 14, 24
T156N	R63W	30, 31, 32
T156N	R64W	1, 6, 7, 8, 15, 16, 17, 22, 23, 25, 26
T156N	R65W	2
T157N	R65W	35, 36



Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Deann Galde, District Conservationist  
Natural Resources Conservation Service  
Lakota Service Center  
208 4th Ave SW  
Lakota, ND 58344

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Ms. Galde,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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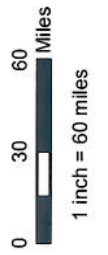
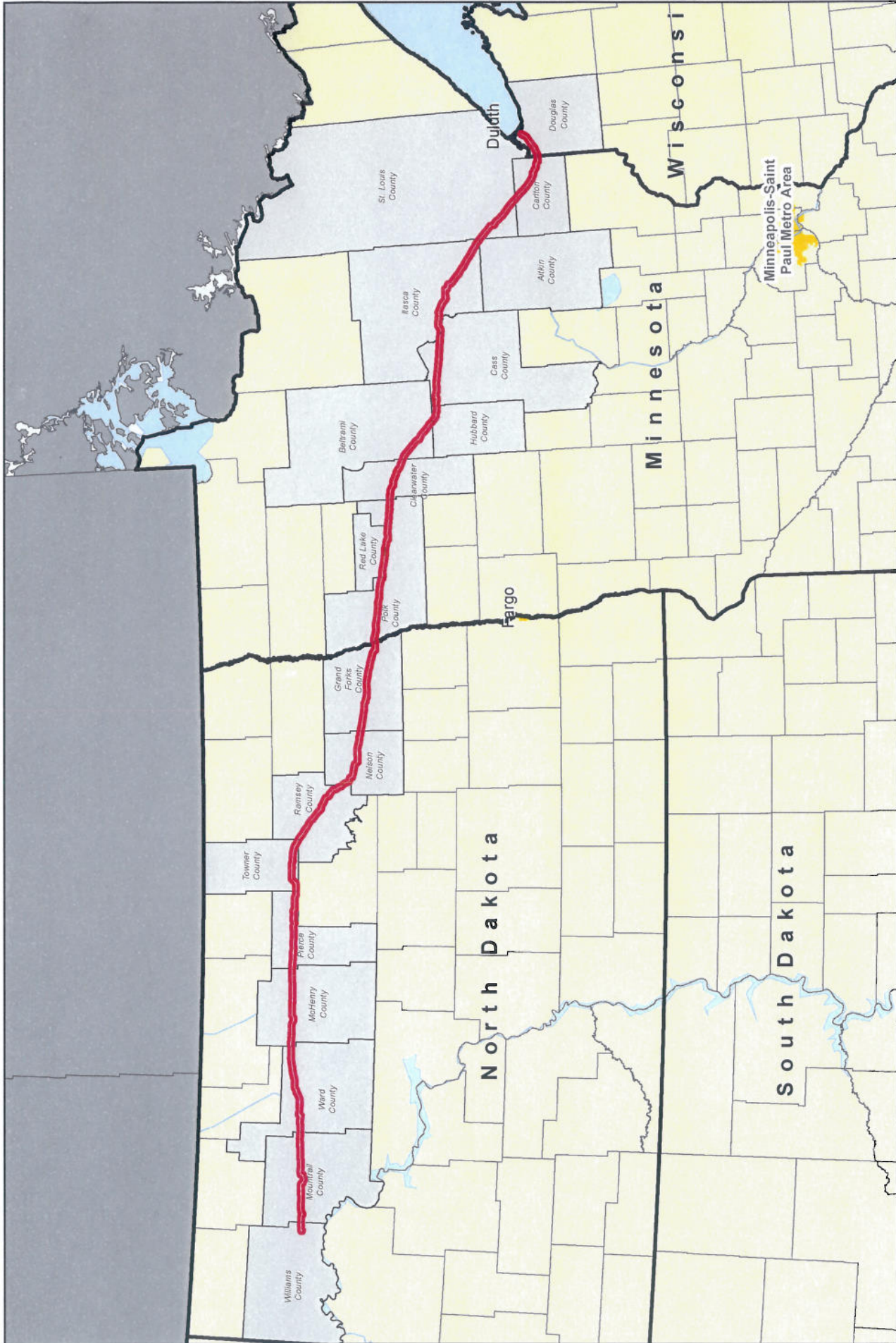
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

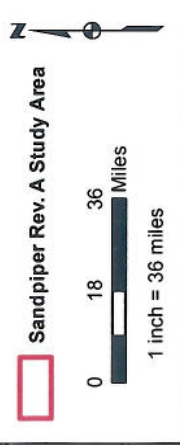
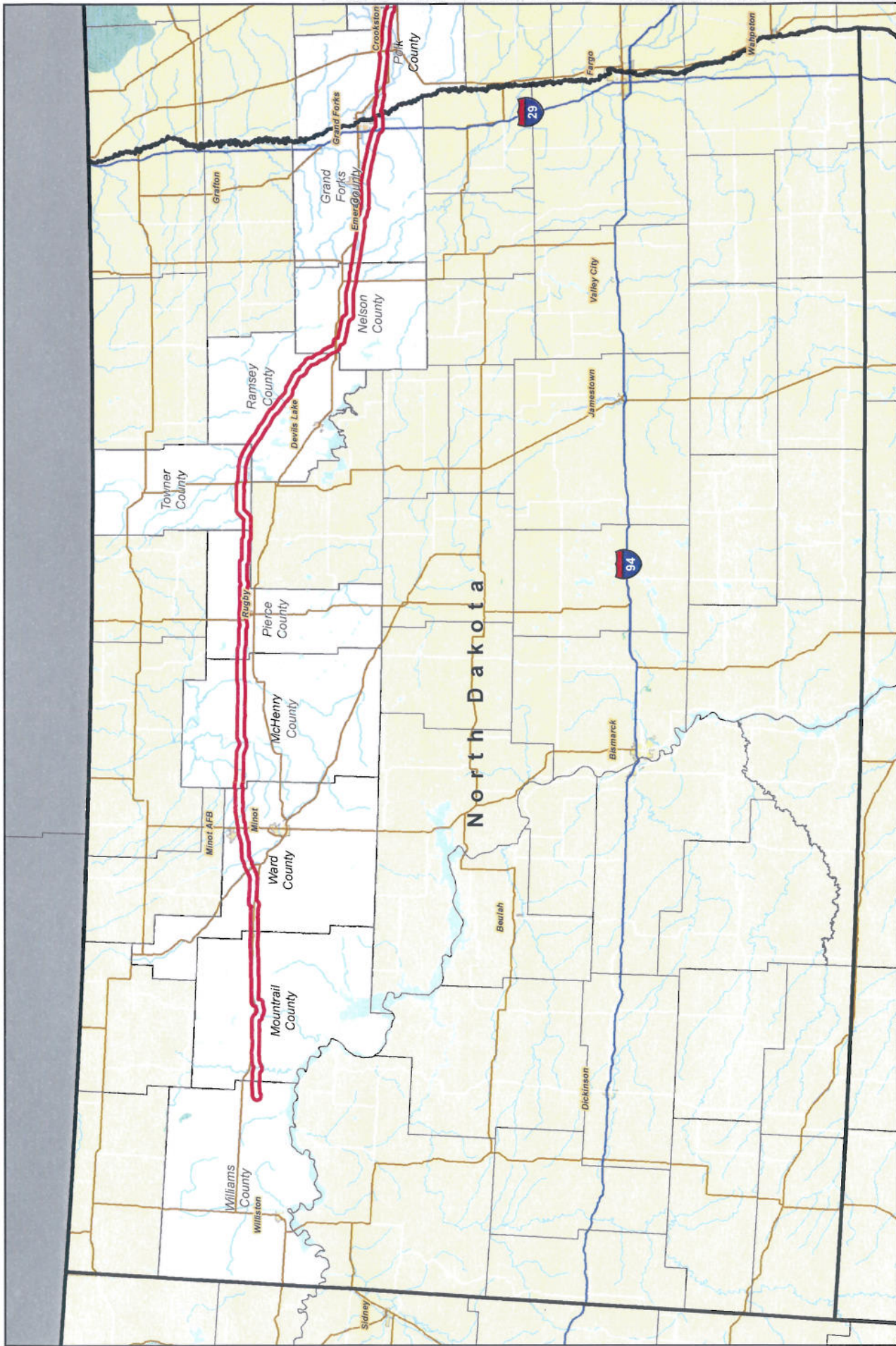
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Nelson County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T152N	R57W	19, 20, 21, 25, 26, 27, 28
T152N	R58W	19, 20, 21, 22, 23, 24
T152N	R59W	7, 8, 9, 15, 16, 22, 23, 24
T152N	R60W	2, 3, 4, 11, 12
T153N	R60W	7, 18, 19, 20, 29, 32, 33, 34
T153N	R61W	1, 12





April 22, 2013

Rafael Ricaurte, District Conservationist  
Natural Resources Conservation Service  
Grand Forks Service Center  
4775 Technology Cir  
Grand Forks, ND 58203-5635

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Natural Resources Conservation Service  
Administered Programs and Resource Information

Dear Mr. Ricaurte,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding the location and description of easements in Natural Resources Conservation Service (NRCS)-administered conservation/set-aside programs, known locations of noxious and invasive weeds, and any other resource/program and contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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Enbridge has contracted Merjent, Inc. (Merjent) to assist with environmental review and permitting of Sandpiper, including NRCS-administered programs and resource information. To facilitate our environmental review of Sandpiper, we are requesting the following information for each county crossed that is within the 2-mile-wide study area in North Dakota:

- identification of Wetland Reserve Program (WRP), Conservation Reserve Program (CRP), Conservation Reserve Enhancement Program (CREP), and Grassland Reserve Program (GRP) easements/lands;
- known locations of noxious and/or invasive weed species along the proposed route; and
- identification of any lands/easements that may be enrolled in programs not described above.

We ask that your office provide the location, size, and shape of the easements (as a GIS shapefile) or the UTM location of the center point of the parcel. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize construction-related effects on soil and water resources.

To facilitate consultation regarding NRCS-administered programs within the project area in North Dakota, similar consultation letters have been sent to the NRCS District Conservationist for each of the other counties crossed by Sandpiper, and the State and County Executive Directors of the Farm Service Agency.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Tony Dalbec at Merjent (621-746-3674; [adalbec@merjent.com](mailto:adalbec@merjent.com)). Thank you for your assistance.

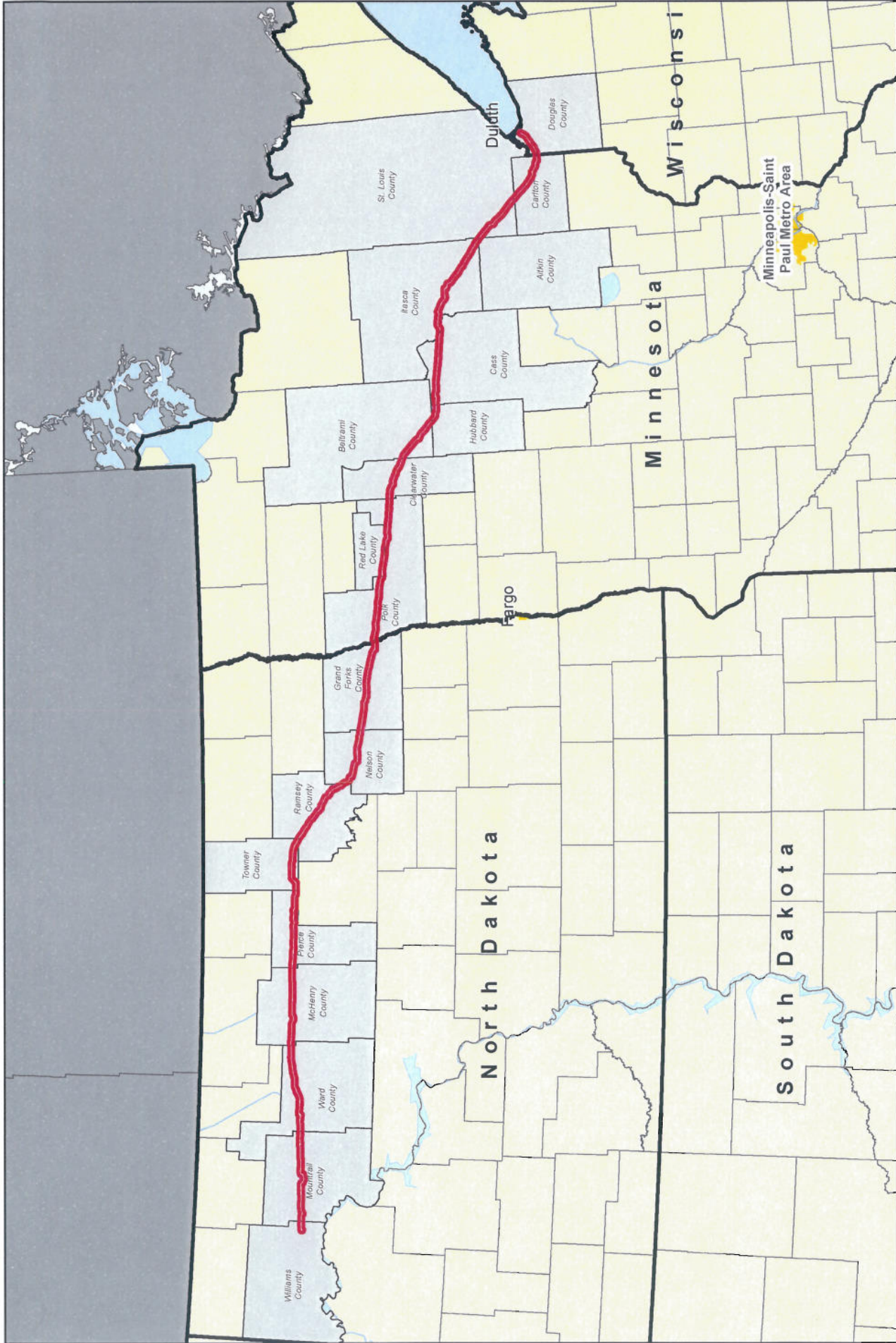
Sincerely,



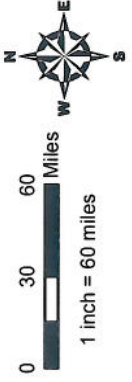
Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

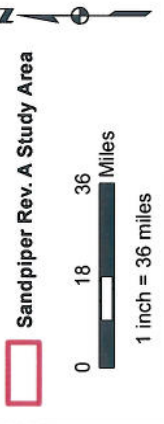
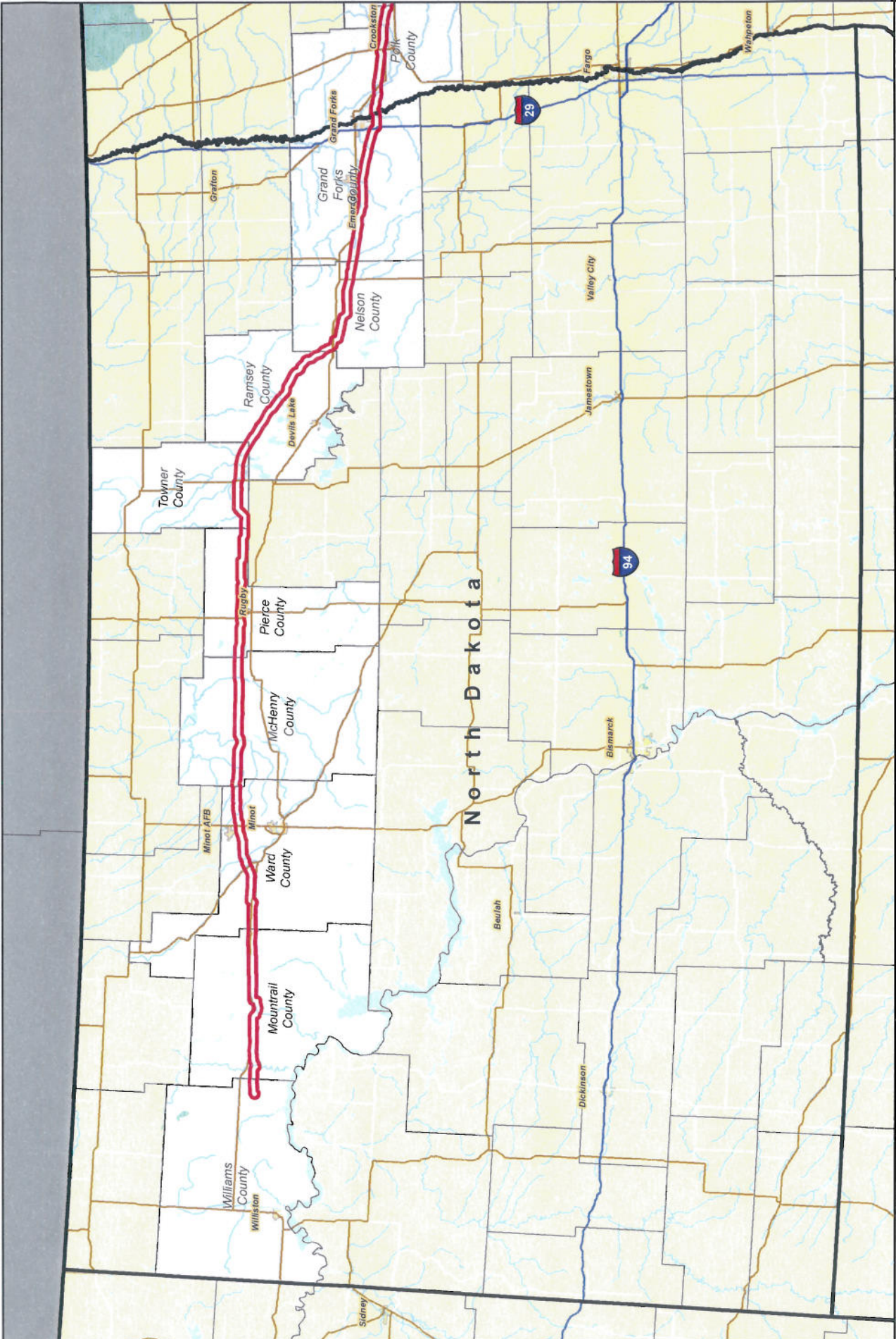
Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





**Sandpiper Rev. A Study Area**



0 18 36 Miles  
1 inch = 36 miles

# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### North Dakota Project Location Map



**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in Grand Forks County, North Dakota**

<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T150N	R49W	6
T150N	R50W	1, 2, 3, 4, 5
T151N	R49W	31
T151N	R50W	30, 31, 32
T151N	R51W	19, 20, 22, 25, 26, 27
T151N	R52W	7, 14, 15, 16, 17, 18, 23, 24
T151N	R53W	7, 8, 9, 10, 11, 12
T151N	R54W	5, 6, 8, 9, 10, 11, 12
T151N	R55W	1, 2, 3, 4, 5
T152N	R55W	31, 32
T152N	R56W	29, 30, 32, 33, 34, 35, 36
T152N	R57W	25

**From:** [Angie Durand](#)  
**To:** [SPPArchive](#)  
**Subject:** FW: Enbridge - Sandpiper Pipeline Project - Request for Updated NDGF Review  
**Date:** Thursday, October 10, 2013 9:05:52 AM

---

**From:** Schumacher, John D. [mailto:jdschumacher@nd.gov]  
**Sent:** Wednesday, October 09, 2013 9:20 AM  
**To:** Angie Durand  
**Subject:** RE: Enbridge - Sandpiper Pipeline Project - Request for Updated NDGF Review

Ms. Durand,

The North Dakota Game and Fish Department has reviewed this project as amended and has no additional concerns. Our original comments are still applicable. If you have any questions, please let me know.

**JOHN SCHUMACHER**  
**RESOURCE BIOLOGIST**  
**ND GAME AND FISH DEPT**  
**701.328.6321**

---

**From:** Angie Durand [mailto:[ADurand@Merjent.com](mailto:ADurand@Merjent.com)]  
**Sent:** Wednesday, September 11, 2013 4:12 PM  
**To:** Link, Greg W.  
**Cc:** Dyke, Steve R.; Schumacher, John D.; [Sara.Ploetz@enbridge.com](mailto:Sara.Ploetz@enbridge.com); Angela M. Ronayne; April Brehm; Paul M. Hartzheim  
**Subject:** Enbridge - Sandpiper Pipeline Project - Request for Updated NDGF Review

Greg,

Your office provided comments to Enbridge regarding its Sandpiper Pipeline Project on May 1, 2013 (NDGF response letter is attached). Since that time, Enbridge has adjusted its Sandpiper Pipeline route in various locations in North Dakota. I am contacting you to provide a shapefile of the updated survey corridor for the project and to request an updated review/response from your department regarding wildlife concerns.

Please let me know if you have any questions or concerns. I look forward to hearing from you.

Sincerely,

Angela Durand



**Angela Durand**

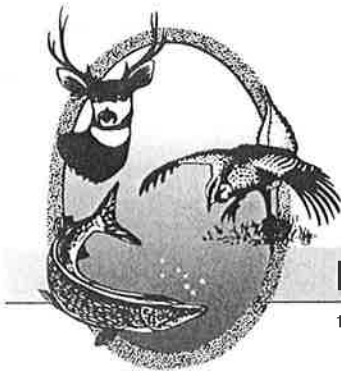
TractorWorks Building 612.746.3660 main

800 Washington Avenue N. 612.746.3666 direct

Suite 315 612.746.3679 fax  
Minneapolis, MN 55401

[www.merjent.com](http://www.merjent.com)

[adurand@merjent.com](mailto:adurand@merjent.com)



"VARIETY IN HUNTING AND FISHING"

## NORTH DAKOTA GAME AND FISH DEPARTMENT

100 NORTH BISMARCK EXPRESSWAY BISMARCK, NORTH DAKOTA 58501-5095 PHONE 701-328-6300 FAX 701-328-6352

May 1, 2013

Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project  
Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue  
Superior, WI 54880

Dear Ms. Ploetz:

RE: Sandpiper Pipeline Project

Enbridge Pipelines (North Dakota) LLC is proposing to build a new pipeline from Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to a terminal in Superior, Wisconsin. The North Dakota Game and Fish Department has reviewed this project for wildlife concerns.

A primary concern is the possible disturbance of native prairie and wooded draws associated with construction of the pipeline and access roads. We ask that work within these areas be avoided to the extent possible, every effort be made to prevent destruction of woody vegetation, and disturbed areas be reclaimed to pre-project conditions.

The department manages several Wildlife Management Areas within or adjacent to the project corridor. A special use permit would be required to cross these lands. Information regarding property locations is available in various formats at <http://gf.nd.gov/maps/>. Mr. Scott Peterson, Wildlife Resource Management Section Leader, can be contacted at 701-774-4320 for additional information on permit requirements.

The National Wetland Inventory indicates various wetlands within the proposed project corridor. Steps should be taken to protect any wetlands that cannot be avoided, no alterations should be made to existing drainage patterns, and above-ground appurtenances should not be placed in wetland areas.

The pipeline will cross several streams classified as valuable fisheries. These are the White Earth, Des Lacs, Souris, and Turtle Rivers, as well as Little Deep and Cut Bank Creeks, and

Mauvais Coulee. We recommend these streams be crossed by directional boring if possible. If this method is not feasible, construction should not take place within the waterway between April 15 and June 1, and controls should be implemented to minimize erosion and sedimentation.

We do not believe this project will have any significant adverse effects on wildlife or wildlife habitat, including species of concern, provided these recommendations are implemented where appropriate.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Link". The signature is stylized and cursive.

Greg Link

Chief

Conservation & Communication Division

js

**From:** [Angie Durand](#)  
**To:** [SPPArchive](#)  
**Subject:** FW: Enbridge - Sandpiper Pipeline Project - Wildlife Management Area Inquiry  
**Date:** Thursday, September 12, 2013 2:27:58 PM  
**Attachments:** [image001.gif](#)

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**merjent**

**Angela Durand**

TractorWorks Building 612.746.3660 main  
800 Washington Avenue N. 612.746.3666 direct  
Suite 315  
Minneapolis, MN 55401 612.746.3679 fax

[www.merjent.com](http://www.merjent.com) [adurand@merjent.com](mailto:adurand@merjent.com)

---

**From:** Peterson, Scott A. [mailto:[speterso@nd.gov](mailto:speterso@nd.gov)]  
**Sent:** Thursday, September 12, 2013 2:20 PM  
**To:** Angie Durand  
**Subject:** RE: Enbridge - Sandpiper Pipeline Project - Wildlife Management Area Inquiry

Angie: Since the closest your project will come to a WMA is .4 miles, you do not need to consult us further on this project.

Scott A. Peterson  
Wildlife Resource Section Supervisor  
ND Game and Fish Dept.  
1871 23 Ave NE  
Harvey, ND 58341  
701-324-2211  
[speterso@nd.gov](mailto:speterso@nd.gov)

---

**From:** Angie Durand [mailto:[ADurand@Merjent.com](mailto:ADurand@Merjent.com)]  
**Sent:** Wednesday, September 11, 2013 12:30 PM  
**To:** Peterson, Scott A.  
**Cc:** [Sara.Ploetz@enbridge.com](mailto:Sara.Ploetz@enbridge.com); Bill J. Regan; Angela M. Ronayne; April Brehm; Paul M. Hartzheim  
**Subject:** Enbridge - Sandpiper Pipeline Project - Wildlife Management Area Inquiry

Scott,

Enbridge received comments from the North Dakota Game and Fish Department regarding wildlife concerns related to the proposed Sandpiper Pipeline Project on May 1, 2013. In that letter, the Department directed Enbridge to contact you for additional information regarding Wildlife Management Areas (WMA) in the project area. Enbridge has reviewed the mapping information

related to WMAs in the project area (obtained from <http://gf.nd.gov/maps>) and has identified the following four WMAs within the vicinity of the project area:

Palermo – located approximately 1 mile from the survey corridor  
Sand Hill – located approximately 1 mile from the survey corridor  
Horseshoe Lake – located approximately 0.7 mile from the survey corridor  
Crawford - located approximately 0.4 mile from the survey corridor

Enbridge has verified that these areas are outside the project survey corridor, and will not be impacted by construction or the need for permanent rights-of-way for the project. I am requesting confirmation that further consultation with your department is not required.

Thank you in advance for your time. If you have any additional information or data regarding WMAs within the proposed project area, please let us know.

Sincerely,

Angela Durand



**Angela Durand**

TractorWorks Building      612.746.3660 main  
800 Washington Avenue N.   612.746.3666 direct  
Suite 315  
Minneapolis, MN 55401      612.746.3679 fax

[www.merjent.com](http://www.merjent.com)

[adurand@merjent.com](mailto:adurand@merjent.com)

**From:** [Leschisin, Douglas](#)  
**To:** [Bill J. Regan](#)  
**Subject:** Re: Centerline shapefile data  
**Date:** Monday, August 19, 2013 12:54:07 PM  
**Attachments:** [image001.gif](#)  
[nelson\\_expanded.pdf](#)  
[pierce\\_expanded.pdf](#)  
[ramsey\\_expanded.pdf](#)  
[townner\\_expanded.pdf](#)

---

Bill,

I've attached expanded corridor information for U.S. Fish & Wildlife Service interests.

Doug Leschisin  
Wildlife Refuge Specialist  
Tewaukon National Wildlife Refuge  
9754 143 1/2 Ave SE  
Cayuga, ND 58013

701-724-3598, ext 114

On Thu, Aug 8, 2013 at 1:50 PM, Bill J. Regan <[BRegan@merjent.com](mailto:BRegan@merjent.com)> wrote:

Hello Doug,

Enbridge is now ready to release the shapefile data for the proposed centerline of the Sandpiper Project and it is attached for your use. Enbridge still is, and will continue to evaluate the route and make changes in the location of the centerline, but the route is at the point where we need to start having specific discussions with agencies to gain site-specific feedback on locations and potential issues.

As I explained in my email from last week, we still are interested in receiving map data in for a 4- and 8-mile area in two locations for bigger picture route planning use. Now with sharing the centerline shapefile here, we very much would appreciate NWR staff using this information to start field evaluating wetland easement properties to determine which wetlands you would consider jurisdictional. This information will help Engineering continue with routing evaluations at these features.

Lastly, when we spoke as a group in early July, we mentioned we in the process of conducting a wetland delineation effort across the length of the pipeline. That work is progressing and we prioritized completing survey work on the FWS easement properties first. We have completed 92% of that survey work, and will start preparing reports of the survey work at the end of the field season. While I do remember from the July discussion that you are uncertain of the value to you in receiving our wetland information, I wanted to keep you posted that we will start to have wetland data available soon if you do think this may be useful to

you.

Thank you again for your help in our planning efforts for the project.

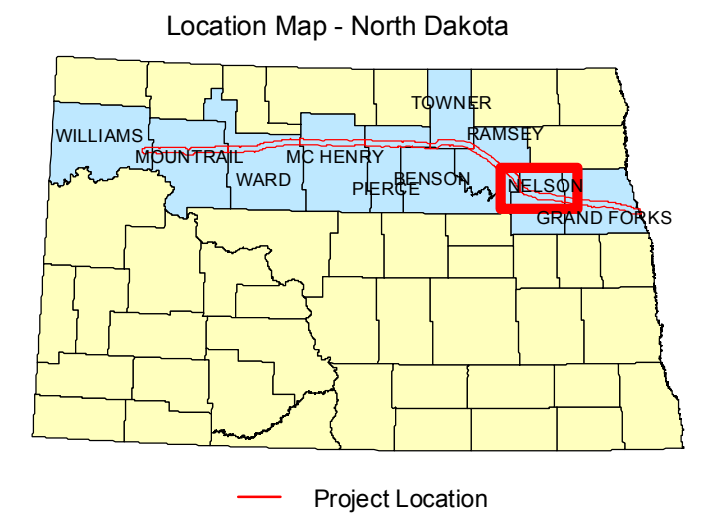
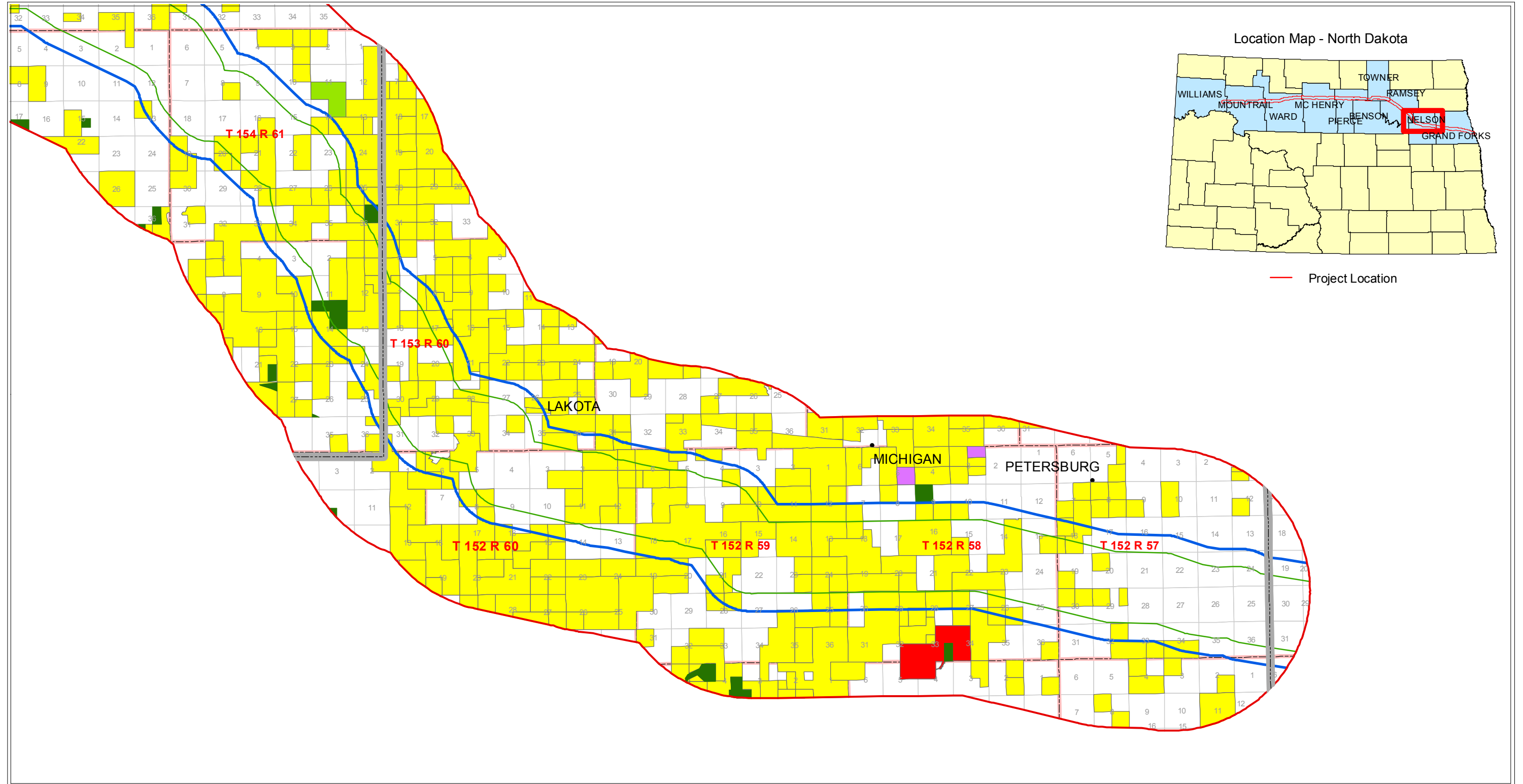
Bill



**Bill Regan**

TractorWorks Building 612.746.3660 main  
800 Washington Avenue 612.746.3662 direct  
N.  
Suite 315 612.708.9484 cell

Minneapolis, MN 55401 612.746.3679 fax  
[www.merjent.com](http://www.merjent.com) [bregan@merjent.com](mailto:bregan@merjent.com)

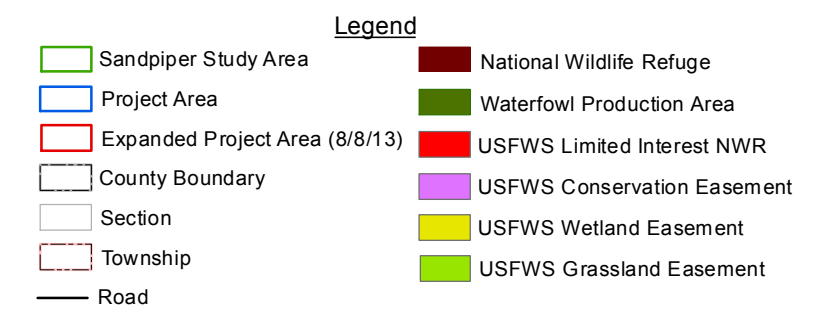
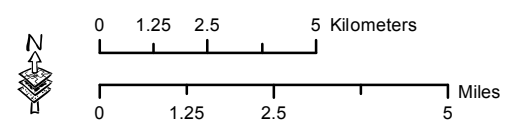


**DISCLAIMER:**  
 The USFWS makes no claim as to the accuracy or completeness of the displayed information. Shaded areas depicting the location of USFWS WPA fee lands and limited interest easements are for illustrative purposes only and do not represent legal boundaries. For more detailed information, please contact one of the USFWS Realty Offices located in Bismarck and Minot, North Dakota, Aberdeen and Huron, South Dakota, or Great Falls, Montana.

The USFWS easement layer is current through Juner 2013. Please contact the appropriate Wetland Management District for any newly acquired easements.

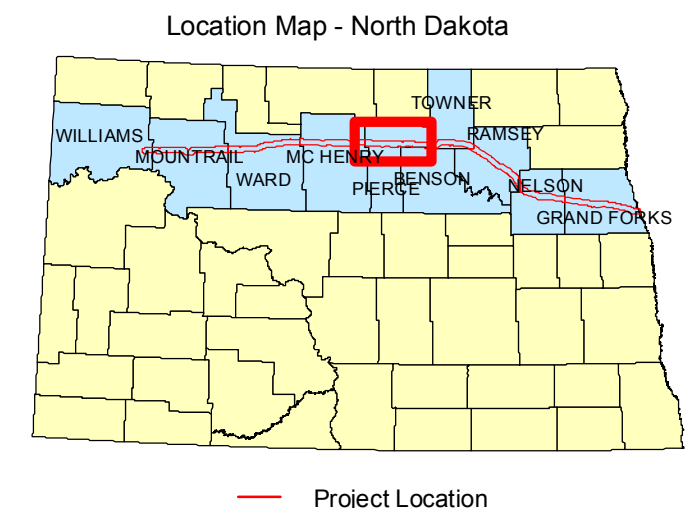
Map was produced by the HAPET Office, Bismarck, ND - 8/8/2013

Project location - D:/working/enbride/sandpiper\_expanded.mxd





**U.S. Fish & Wildlife Service**  
**Sandpiper Expanded Study Area - Enbridge**  
**Pierce County, North Dakota**



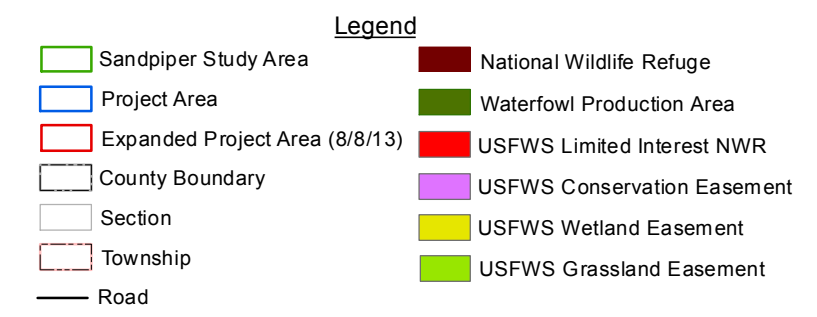
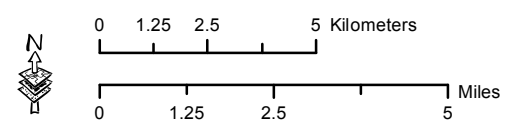
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The USFWS easement layer is current through Juner 2013. Please contact the appropriate Wetland Management District for any newly acquired easements.

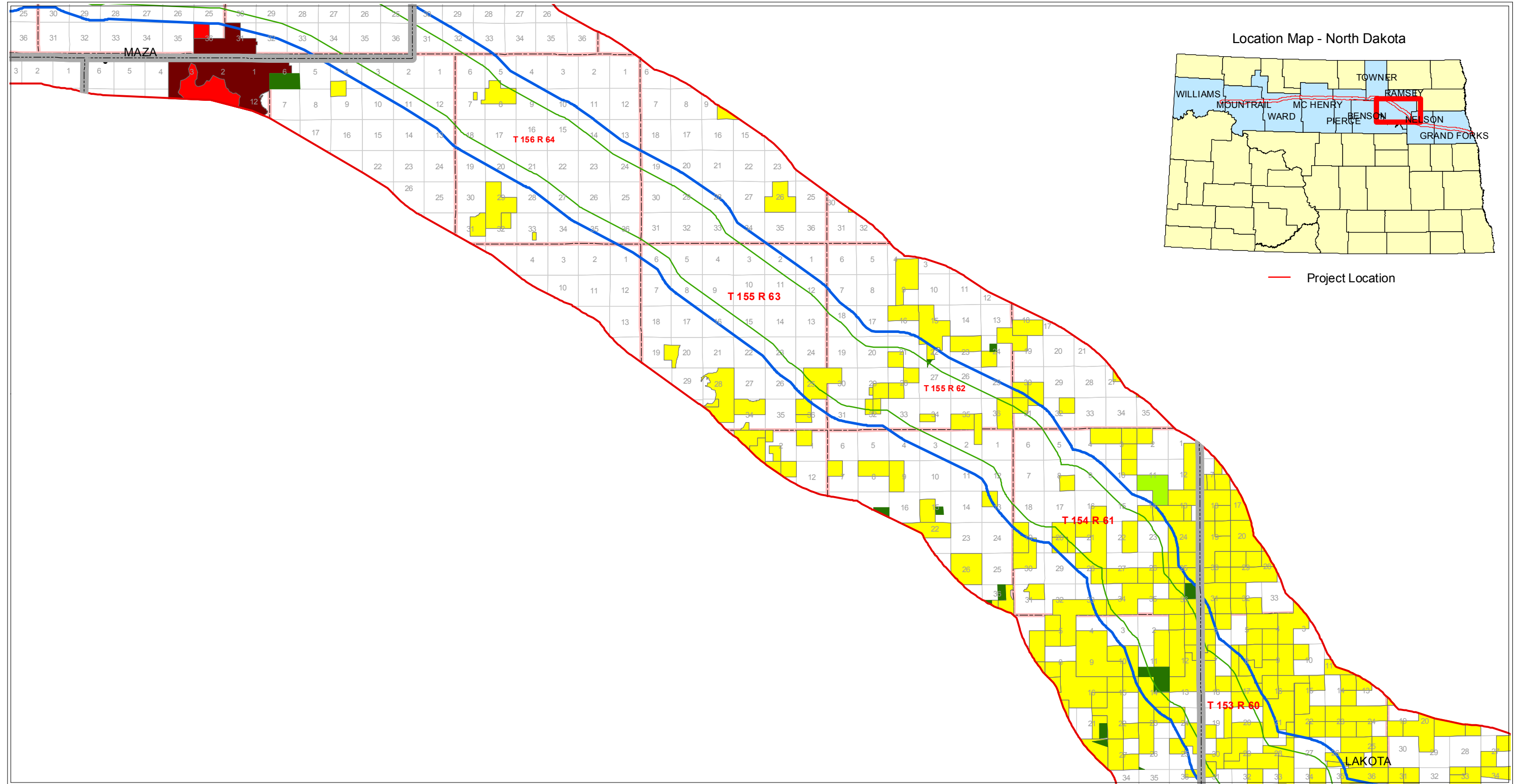
Map was produced by the HAPET Office, Bismarck, ND - 8/8/2013

Project location - D:/working/enbride/sandpiper\_expanded.mxd





**Sandpiper Expanded Study Area - Enbridge**  
 Ramsey County, North Dakota



Location Map - North Dakota

— Project Location

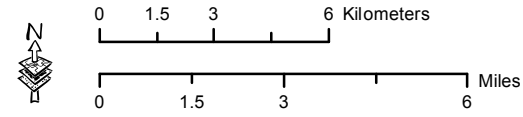
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The USFWS easement layer is current through Juner 2013. Please contact the appropriate Wetland Management District for any newly acquired easements.

Map was produced by the HAPET Office, Bismarck, ND - 8/8/2013

Project location - D:/working/enbride/sandpiper\_expanded.mxd

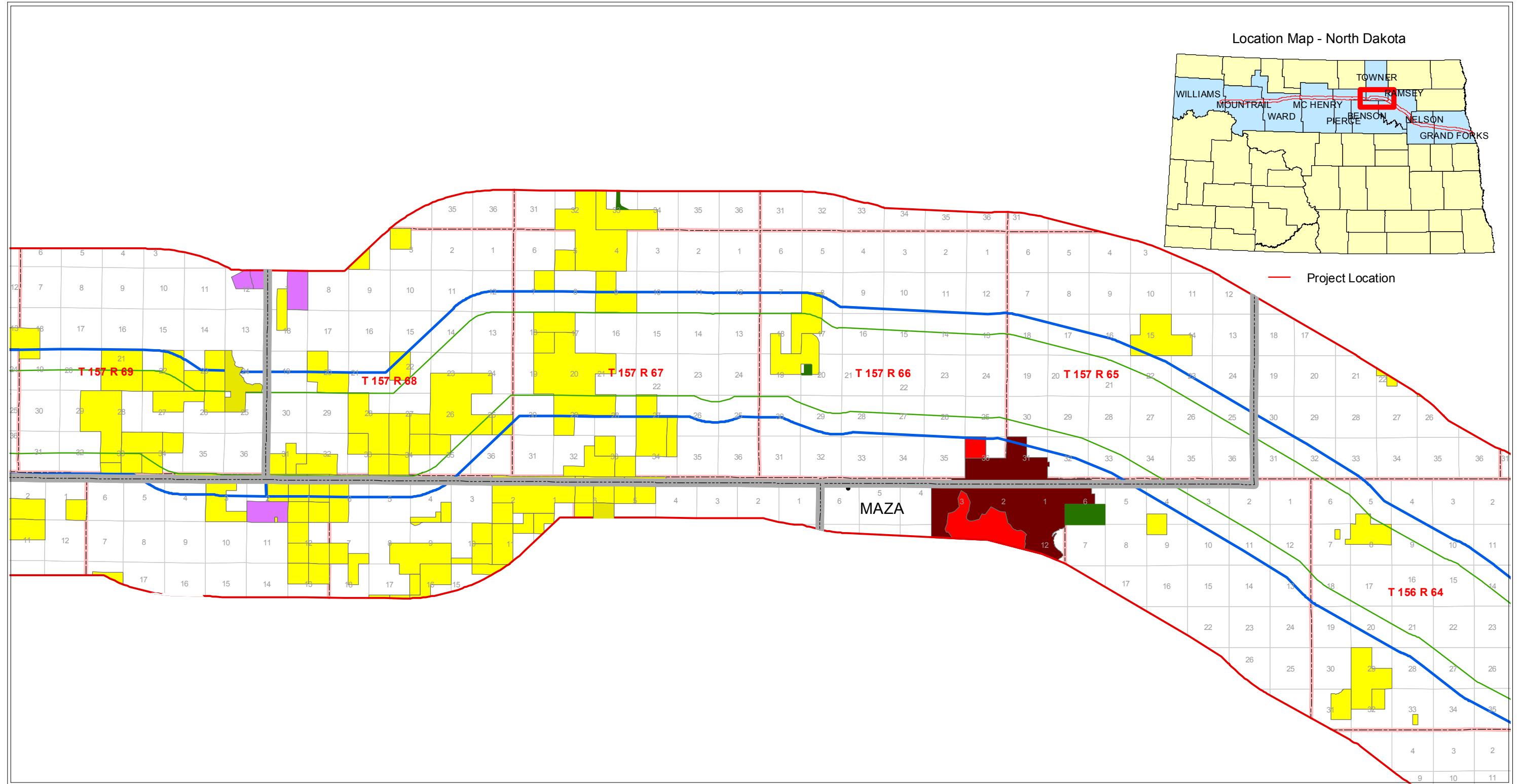


**Legend**

- ▭ Sandpiper Study Area
- ▭ Project Area
- ▭ Expanded Project Area (8/8/13)
- ▭ County Boundary
- ▭ Section
- ▭ Township
- Road
- ▭ National Wildlife Refuge
- ▭ Waterfowl Production Area
- ▭ USFWS Limited Interest NWR
- ▭ USFWS Conservation Easement
- ▭ USFWS Wetland Easement
- ▭ USFWS Grassland Easement



**U.S. Fish & Wildlife Service**  
**Sandpiper Expanded Study Area - Enbridge**  
**Towner County, North Dakota**



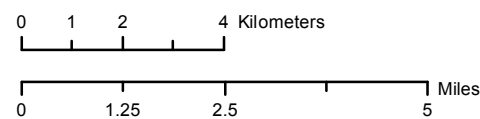
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The USFWS easement layer is current through Juner 2013. Please contact the appropriate Wetland Management District for any newly acquired easements.

Map was produced by the HAPET Office, Bismarck, ND - 8/8/2013

Project location - D:/working/enbride/sandpiper\_expanded.mxd



**Legend**

- Sandpiper Study Area
- Project Area
- Expanded Project Area (8/8/13)
- County Boundary
- Section
- Township
- Road
- National Wildlife Refuge
- Waterfowl Production Area
- USFWS Limited Interest NWR
- USFWS Conservation Easement
- USFWS Wetland Easement
- USFWS Grassland Easement

**From:** [Leslie TeWinkel](#)  
**To:** [gayle.konik@enbridge.com](mailto:gayle.konik@enbridge.com); [Bill J. Regan](#)  
**Cc:** [John W. Muehlhausen](#); [Kristin Lenz](#)  
**Subject:** FW: Sandpiper Pipeline Project: Follow-up from USFWS ND Office  
**Date:** Monday, July 22, 2013 4:27:43 PM

---

Please see email from Carol below. It looks like I can no longer work directly with the USFWS Twin Cities field office on issues for which Region 3 has lead. This is a change from the direction based on the conference call when Jessica Johnson was lead. Direction from that call was to work with the Twin Cities directly and cc the ND office in order to keep them in the loop. In my opinion, working through people to get to those you actually need to work with, typically does not facilitate info exchange or timely progress. I'll move forward as Carol has asked, until I receive different direction. Let me know if you would like to discuss.

--Leslie

Leslie TeWinkel

612.746.3660 main  
612.965.6960 cell  
612.746.3679 fax  
[ltewinkel@merjent.com](mailto:ltewinkel@merjent.com)

TractorWorks Building  
800 Washington Avenue N.  
Suite 315  
Minneapolis, MN 55401  
[www.merjent.com](http://www.merjent.com)

---

**From:** Aron, Carol [[carol\\_aron@fws.gov](mailto:carol_aron@fws.gov)]  
**Sent:** Monday, July 22, 2013 3:59 PM  
**To:** Leslie TeWinkel  
**Cc:** Andrew Horton; Carol Aron; Phil Delphey; Peter Fasbender  
**Subject:** Fwd: Sandpiper Pipeline Project: Follow-up

Leslie,

As my supervisor notes in his June 19, 2013 e-mail, we appreciate Enbridge's desire to be proactive in beginning surveys and other planning aspects of the Sandpiper pipeline early. However, as also pointed out, in order for Ecological Services to engage, we need to have the lead federal agency identified. At that point, if the federal action agency designates Mergent and/or Enbridge as the designated non-federal representative for informal consultation and/or as preparers of the NEPA document, we will be better-prepared to fully engage

As noted below, I will be serving as the Service's point of contact for this project. In order for the process to run smoothly, please send all requests to me rather than to other Ecological Services' offices.

I appreciate your help on these matters. Please let me know if you have any questions.

Carol Aron  
U.S. Fish and Wildlife Biologist  
3425 Miriam Avenue  
Bismarck, ND 58501  
Telephone: (701) 355-8506  
Fax: (701) 355-8513  
E-mail: [Carol\\_Aron@fws.gov](mailto:Carol_Aron@fws.gov)<[mailto:Carol\\_Aron@fws.gov](mailto:Carol_Aron@fws.gov)>

"Anyone can love a mountain, but it takes a soul to love the prairie."

- Variously attributed

----- Forwarded message -----

From: Jeffrey Towner <jeffrey\_towner@fws.gov<[mailto:jeffrey\\_towner@fws.gov](mailto:jeffrey_towner@fws.gov)>>  
Date: Wed, Jun 19, 2013 at 9:37 AM  
Subject: RE: Sandpiper Pipeline Project: Follow-up  
To: Leslie TeWinkel <LTewinkel@merjent.com<<mailto:LTewinkel@merjent.com>>>  
Cc: gayle.konik@enbridge.com<<mailto:gayle.konik@enbridge.com>>, "Bill J. Regan" <BRegan@merjent.com<<mailto:BRegan@merjent.com>>>, Steve Elbert <SElbert@merjent.com<<mailto:SElbert@merjent.com>>>, Carol Aron <carol\_aron@fws.gov<[mailto:carol\\_aron@fws.gov](mailto:carol_aron@fws.gov)>>, Jessica Johnson <jessica\_n\_johnson@fws.gov<[mailto:jessica\\_n\\_johnson@fws.gov](mailto:jessica_n_johnson@fws.gov)>>

Hi Leslie:

Since Jessica is going to be out on leave for a while, I am reassigning coordination on this project to Carol Aron, so please contact her for any questions.

I have some suggestions on coordination with FWS. I and the other involved field supervisors in Twin Cities and Green Bay had agreed that the NDFO would coordinate internally, and serve as a single POC. I'd suggest that we try to follow that process. I also suggest that you look to ES as the overall POC, rather than coordinating separately with the WMDs. Although the WMDs are the authorities for any effects to Service property interests, the coordination under all Service laws and regulations always seems to go more smoothly if ES is involved directly in the conversation.

It is positive that Merjent is trying to get out in front of the federal process; however, it seems to me that there needs to be a designated lead federal agency. This will simplify matters related to NEPA and Section 7 consultation. For the latter, if Merjent is going to conduct informal S. 7 consultation, we need written designation by the lead action agency of Merjent or a consultant as non-federal representative. I recognize the challenge of identifying a lead federal agency when there are various alternatives under consideration, but I think it would be worth the effort to have the conversation now with all the potentially-involved feds, and resolving the question of the lead. A conference call may be the best way to handle that.

No need to cc me or Heidi Riddle on emails to Carol.

Thanks for the contact.

Regards,  
Jeff

Jeffrey K. Towner, Field Supervisor  
Ecological Services  
U.S. Fish & Wildlife Service  
3425 Miriam Avenue  
Bismarck ND 58501  
Telephone: 701-250-4481 ext. 508  
Fax: 701-355-8513

"In the long history of humankind (and animal kind, too), those who learned to collaborate and improvise most effectively have prevailed."

Charles Darwin





May 14, 2013

Mr. Jeffrey Towner, Field Supervisor  
U.S. Fish and Wildlife Service, North Dakota Field Office  
3425 Miriam Avenue  
Bismarck, North Dakota 58501-7926

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Notification of Southern Route Request for Information Regarding Protected Species

Dear Mr. Towner,

In a letter dated April 2, 2013, Enbridge Pipelines (North Dakota) LLC (Enbridge) requested a meeting to discuss necessary survey protocols for federally listed species and critical habitat that may occur in North Dakota counties crossed by the Sandpiper Pipeline Project and potential options for compliance with the Endangered Species Act. We also requested to discuss project-specific recommendations related to the Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act. Through an April 14, 2013 email from Peter Fasbender (U.S. Fish and Wildlife Service, Wisconsin Field Office) we understand that your office will be taking the lead on environmental review of the Sandpiper Pipeline Project.

We believe that early and frequent communication with regulatory agencies is important to the successful planning of a project, especially one of this size and scope. In particular, we believe that communication about environmental issues is essential to effectively addressing concerns early on. We understand that it is necessary to have an established lead federal agency in order to fully engage with you regarding our project. Despite the absence of a lead federal agency at this time, we are committed to keeping you informed.

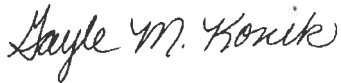
Toward that end, the purpose of this letter is to let you know that we have developed a southern route in Minnesota in addition to the northern route described in our previous letter. The southern route would extend from Clearbrook, Minnesota to a point near the Minnesota-Wisconsin border through Clearwater, Hubbard, Cass, Crow Wing, Aitkin, and Carlton counties. At this time, the Sandpiper Pipeline Project may follow either route. Thus, we will begin the survey and information gathering process soon for both routes. A project map of Minnesota counties crossed by the southern route and a shapefile of the southern route's 2-mile-wide study area are enclosed.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the environmental review and permitting of the Sandpiper Pipeline Project, including protected species consultations and field surveys. Merjent is teaming with Midwest Natural Resources to develop survey protocols and conduct field surveys for protected species. To facilitate your environmental review of the southern route, Merjent has developed the enclosed list of federally listed species and critical habitat that may occur in Minnesota counties crossed by the southern route.

If you have any questions, would like a copy of the April 2, 2013 letter, or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Leslie TeWinkel at Merjent (612-965-6960; ltewinkel@merjent.com). Thank you for your assistance.

Sincerely,

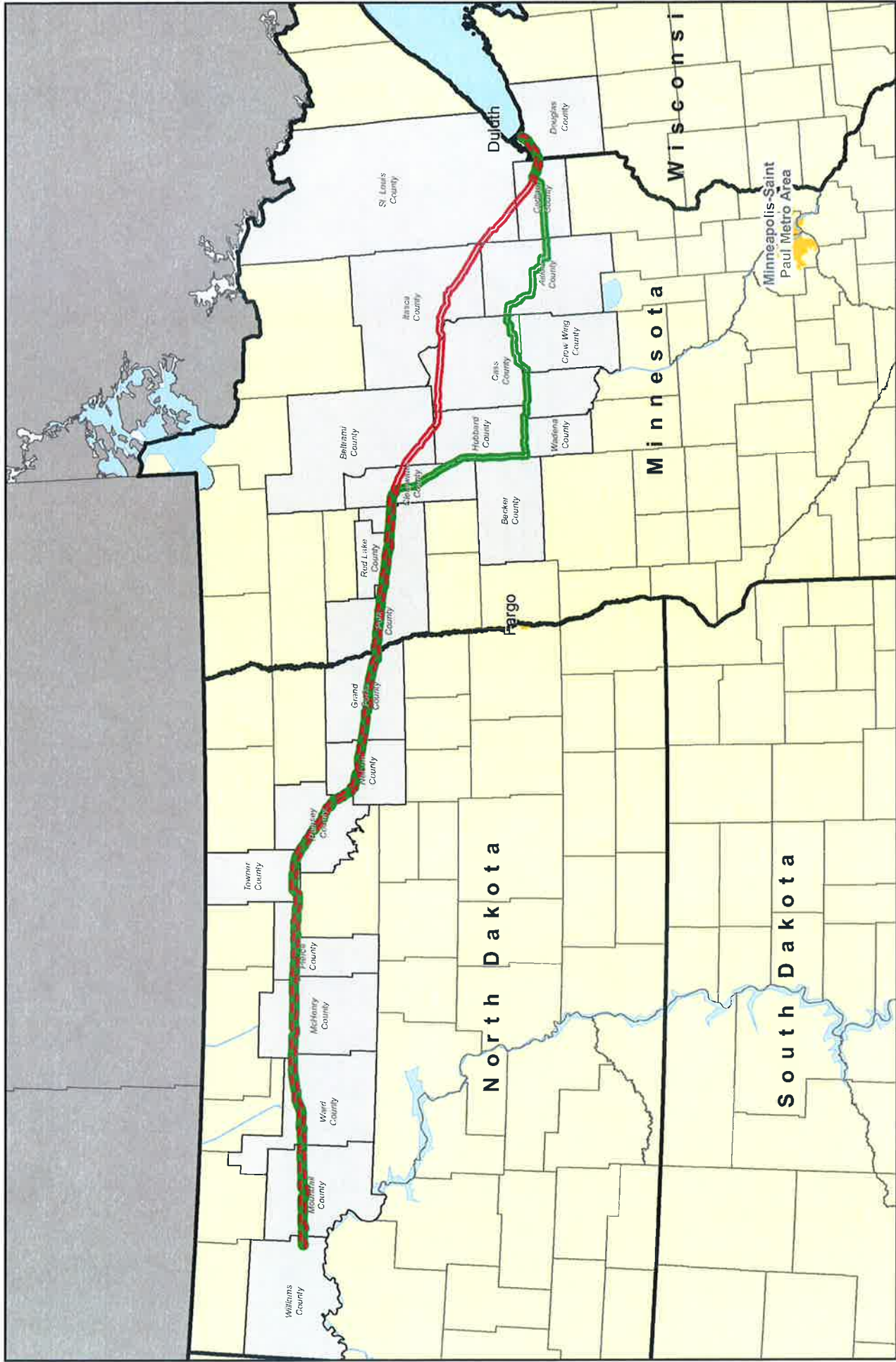


Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project


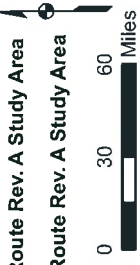
Enclosures: Project-wide Map  
Project Map of Minnesota Counties – both routes  
List of Federally Listed Species in Minnesota – Southern Route  
Shapefiles of the 2-mile-wide Study Area (divided into the following segments)

1. Beaver Lodge to Clearbrook
2. Clearbrook to Superior – Northern Route
3. Clearbrook to Superior – Southern Route

cc: Leslie TeWinkel, Merjent  
Scott Milburn, Midwest Natural Resources

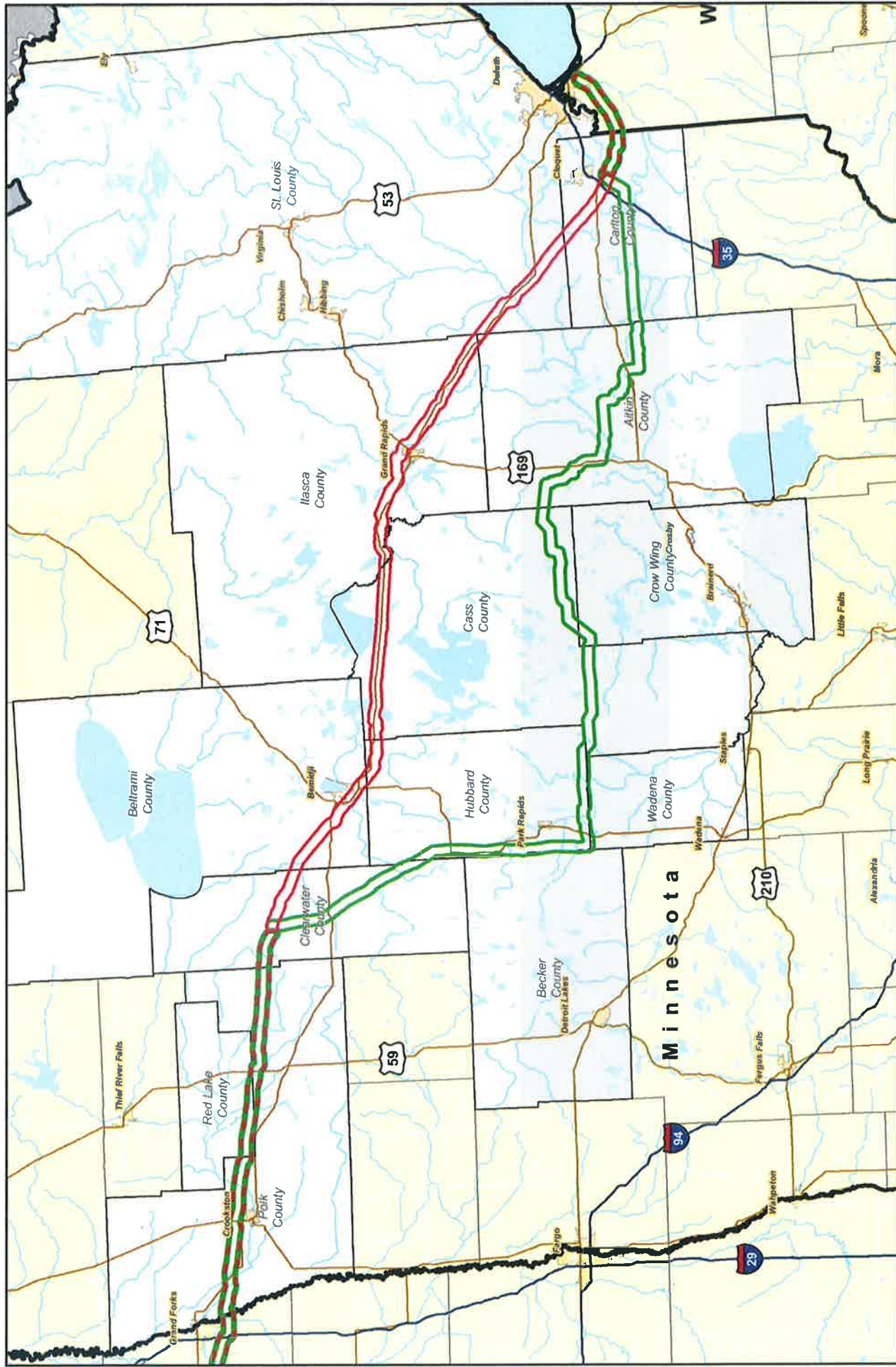


Sandpiper Rev. A Study Area  
 Northern Route Rev. A Study Area  
 Southern Route Rev. A Study Area

N  
  
  
 1 inch = 60 miles

## Enbridge Pipelines (North Dakota) LLC Sandpiper Pipeline Project Project Location Map





Sandpiper Rev. A Study Area  
 Northern Route Rev. A Study Area  
 Southern Route Rev. A Study Area

0 12.5 25 Miles  
 1 inch = 25 miles

## Enbridge Pipelines (North Dakota) LLC

### Sandpiper Pipeline Project

#### Minnesota Project Location Map



**Enbridge Pipelines (North Dakota) LLC  
 Federally Listed Species and Critical Habitat in Minnesota Counties Crossed by  
 the  
 Sandpiper Pipeline Project – Southern Route**

*As of May 2, 2013*

<b>Species</b>	<b>Status</b>	<b>Habitat</b>	<b>Present in County(ies)</b>
Canada lynx ( <i>Lynx canadensis</i> )	Threatened	Northern forest	Clearwater, Cass, Aitkin, Carlton
Sprague's pipit ( <i>Anthus spragueii</i> )	Candidate	Large (>350 acre) patches of grassland - prefer native grassland, but also use non-native planted grasslands.	Polk
Dakota skipper ( <i>Hesperia dacotae</i> )	Candidate	Native prairie habitat	Polk
Western prairie fringed orchid ( <i>Platanthera praeclara</i> )	Threatened	Wet prairies and sedge meadows	Polk, Red Lake

Source: <http://www.fws.gov/midwest/endangered/lists/minnesot-cty.html>



**From:** [Gayle Konik](#)  
**To:** [John W. Muehlhausen](#); [Angela M. Ronayne](#); [Kristin Lenz](#)  
**Cc:** [Sara Ploetz](#)  
**Subject:** FW: Proposed Enbridge Sandpiper Pipeline  
**Date:** Monday, April 08, 2013 3:06:23 PM  
**Attachments:** [grandforks\\_sa.pdf](#)  
[mchenry\\_sa.pdf](#)  
[mountrail\\_sa.pdf](#)  
[nelson\\_sa.pdf](#)  
[pierce\\_sa.pdf](#)  
[ramsey\\_sa.pdf](#)  
[townner\\_sa.pdf](#)  
[ward\\_sa.pdf](#)

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Please see the attached information for National Wildlife Refuge system owned/managed lands and easements. I will be very interested to learn how much FWS owned land Sandpiper proposes to cross. Please give me a preliminary indication as soon as that is known. Thanks, Gayle

**From:** Leschisin, Douglas [mailto:douglas\_leschisin@fws.gov]  
**Sent:** Monday, April 08, 2013 3:02 PM  
**To:** Gayle Konik  
**Subject:** Proposed Enbridge Sandpiper Pipeline

Gayle Konik,

Attached are maps of National Wildlife Refuge System interests in North Dakota, along the proposed Enbridge Sandpiper pipeline.

NWR System interests include:

- Waterfowl Production Areas: Federal lands owned by the U.S. Fish and Wildlife Service and managed for waterfowl habitat.
- USFWS Limited Interest National Wildlife Refuge: Privately owned land, with water management and hunting rights held by the U.S. Fish and Wildlife Service.
- USFWS Conservation Easement: Privately owned land, with wetlands and/or grasslands preserved for wildlife.
- USFWS Wetland Easement: Privately owned land, with wetlands preserved for wildlife.
- USFWS Grassland Easement: Privately owned land, with grasslands and wetlands preserved for wildlife.

Call, or email, if you have questions.

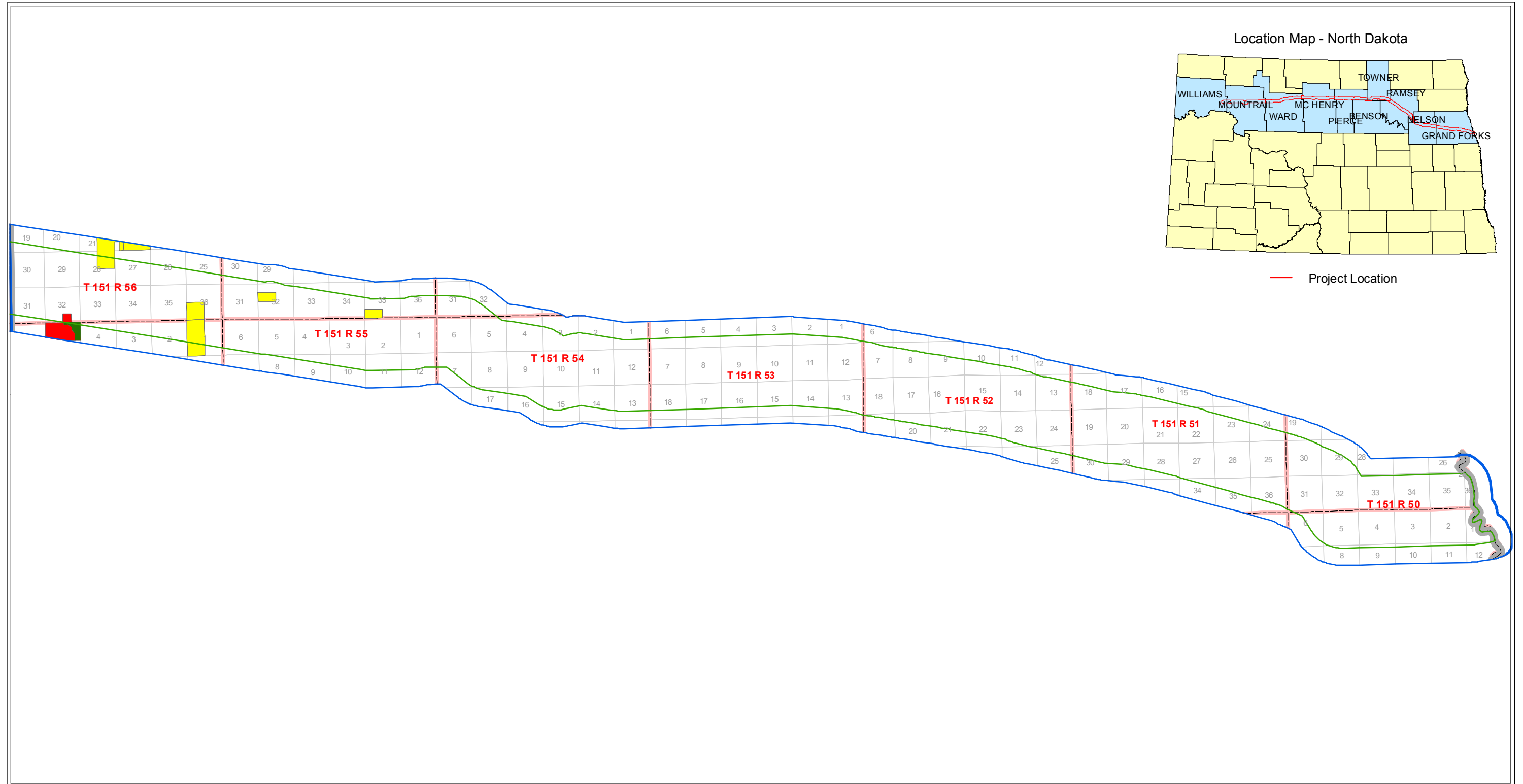
Doug Leschisin  
Wildlife Refuge Specialist  
Tewaukon National Wildlife Refuge  
9754 143 1/2 Ave SE  
Cayuga, ND 58013

701-724-3598, ext 114

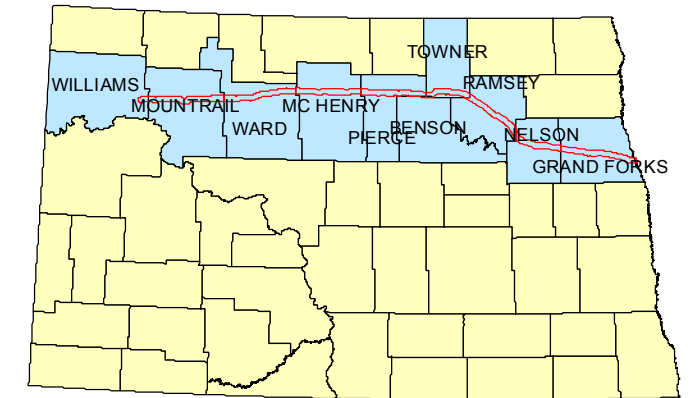
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Location Map - North Dakota



— Project Location

DISCLAIMER:

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The USFWS easement layer is current through October 2012. Please contact the appropriate Wetland Management District for any newly acquired easements.

Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



0 1.25 2.5 5 Kilometers

0 1.25 2.5 5 Miles

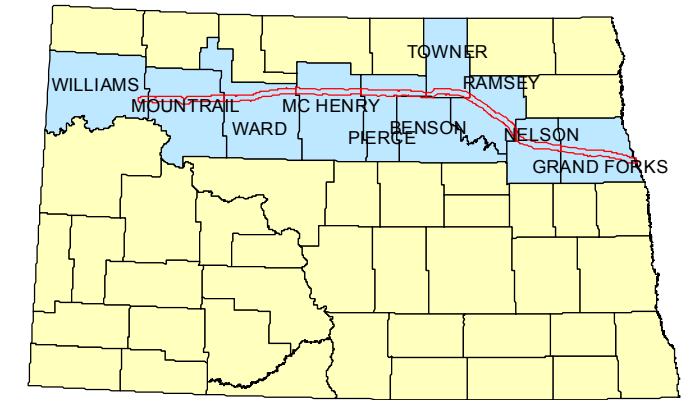
Legend

- Sandpiper Study Area
- Project Area
- County Boundary
- Section
- Township
- Road
- Waterfowl Production Area
- USFWS Limited Interest NWR
- USFWS Conservation Easement
- USFWS Wetland Easement
- USFWS Grassland Easement

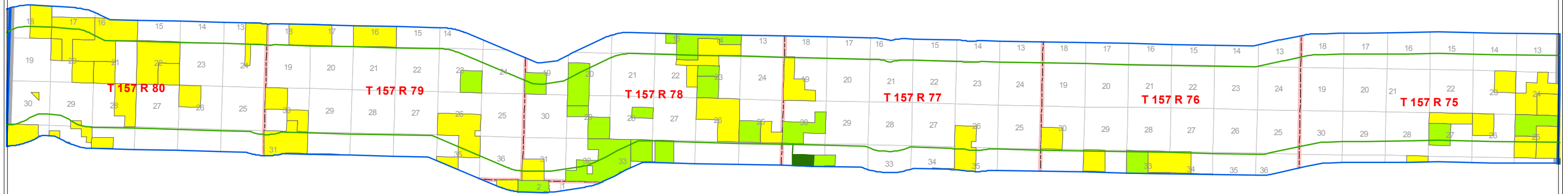


**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
**McHenry County, North Dakota**

Location Map - North Dakota



— Project Location



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0 1 2 4 Kilometers

0 1.25 2.5 5 Miles

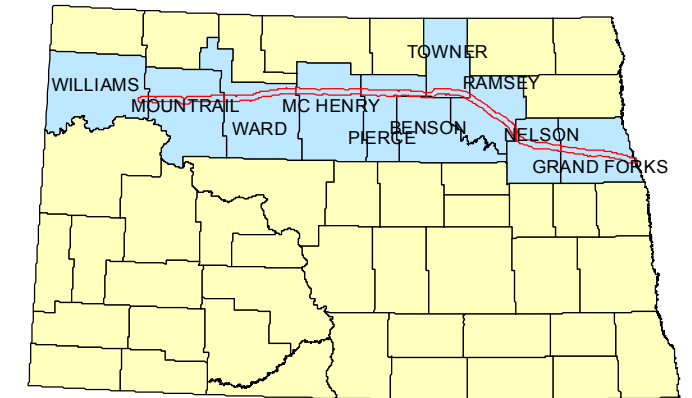
**Legend**

- Sandpiper Study Area
- Project Area
- County Boundary
- Section
- Township
- Road
- Waterfowl Production Area
- USFWS Limited Interest NWR
- USFWS Conservation Easement
- USFWS Wetland Easement
- USFWS Grassland Easement

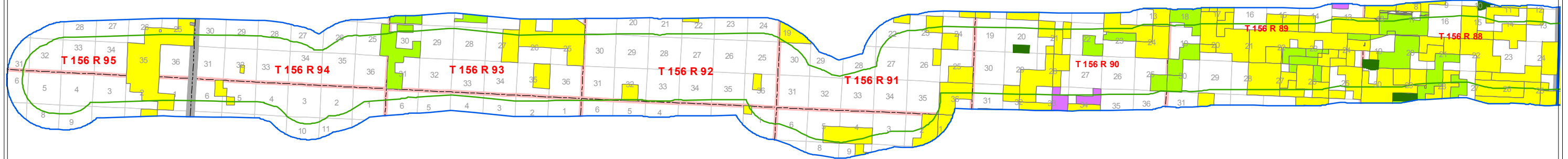


**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
**Mountrail County, North Dakota**

Location Map - North Dakota



— Project Location



Legend

- Sandpiper Study Area
- Project Area
- County Boundary
- Section
- Township
- Road
- Waterfowl Production Area
- USFWS Limited Interest NWR
- USFWS Conservation Easement
- USFWS Wetland Easement
- USFWS Grassland Easement

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Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013

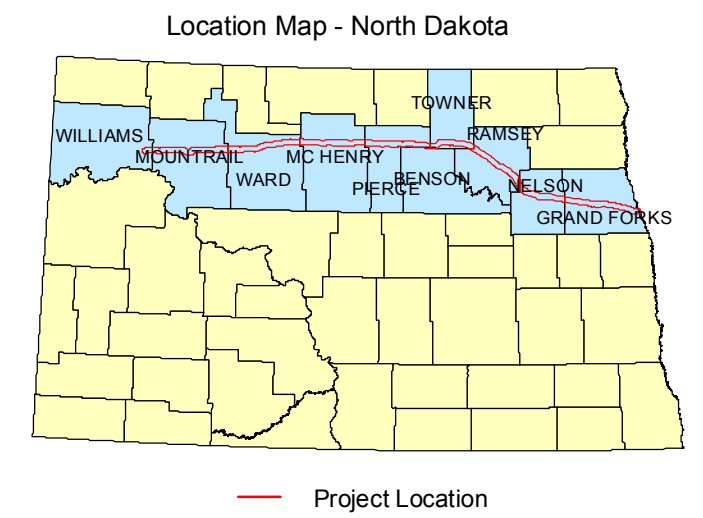
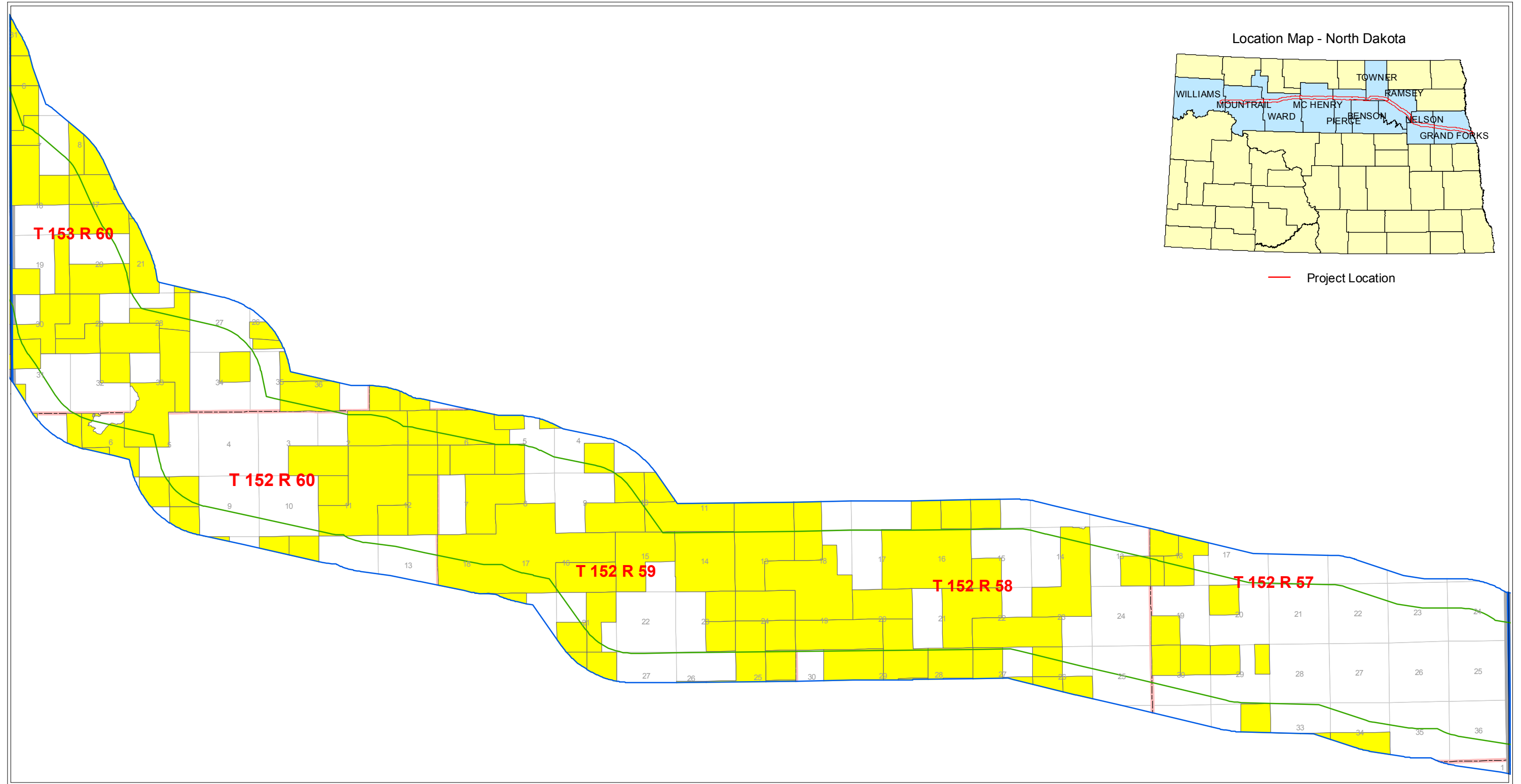


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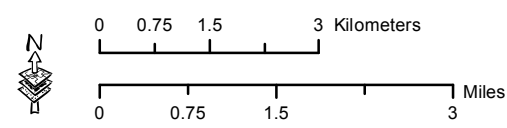
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**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
 Nelson County, North Dakota



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 The USFWS easement layer is current through October 2012. Please contact the appropriate Wetland Management District for any newly acquired easements.  
 Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



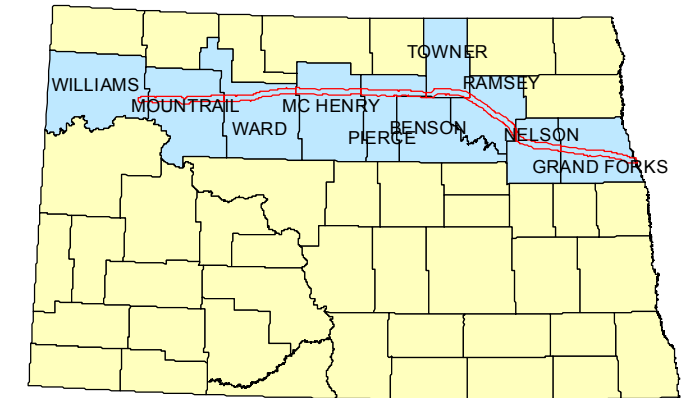
**Legend**

Sandpiper Study Area	Waterfowl Production Area
Project Area	USFWS Limited Interest NWR
County Boundary	USFWS Conservation Easement
Section	USFWS Wetland Easement
Township	USFWS Grassland Easement
Road	

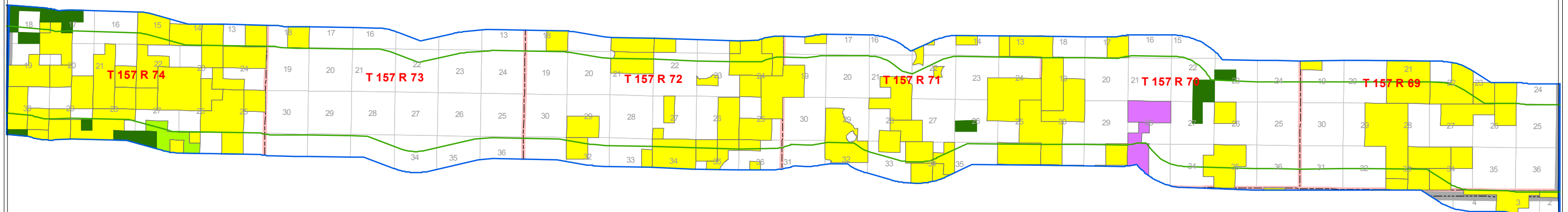


**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
*Pierce County, North Dakota*

Location Map - North Dakota



— Project Location



Legend

- Sandpiper Study Area
- Project Area
- County Boundary
- Section
- Township
- Road
- Waterfowl Production Area
- USFWS Limited Interest NWR
- USFWS Conservation Easement
- USFWS Wetland Easement
- USFWS Grassland Easement

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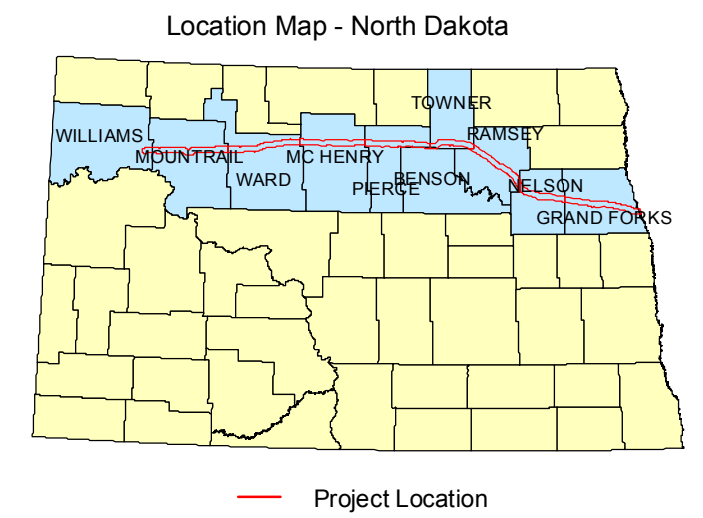
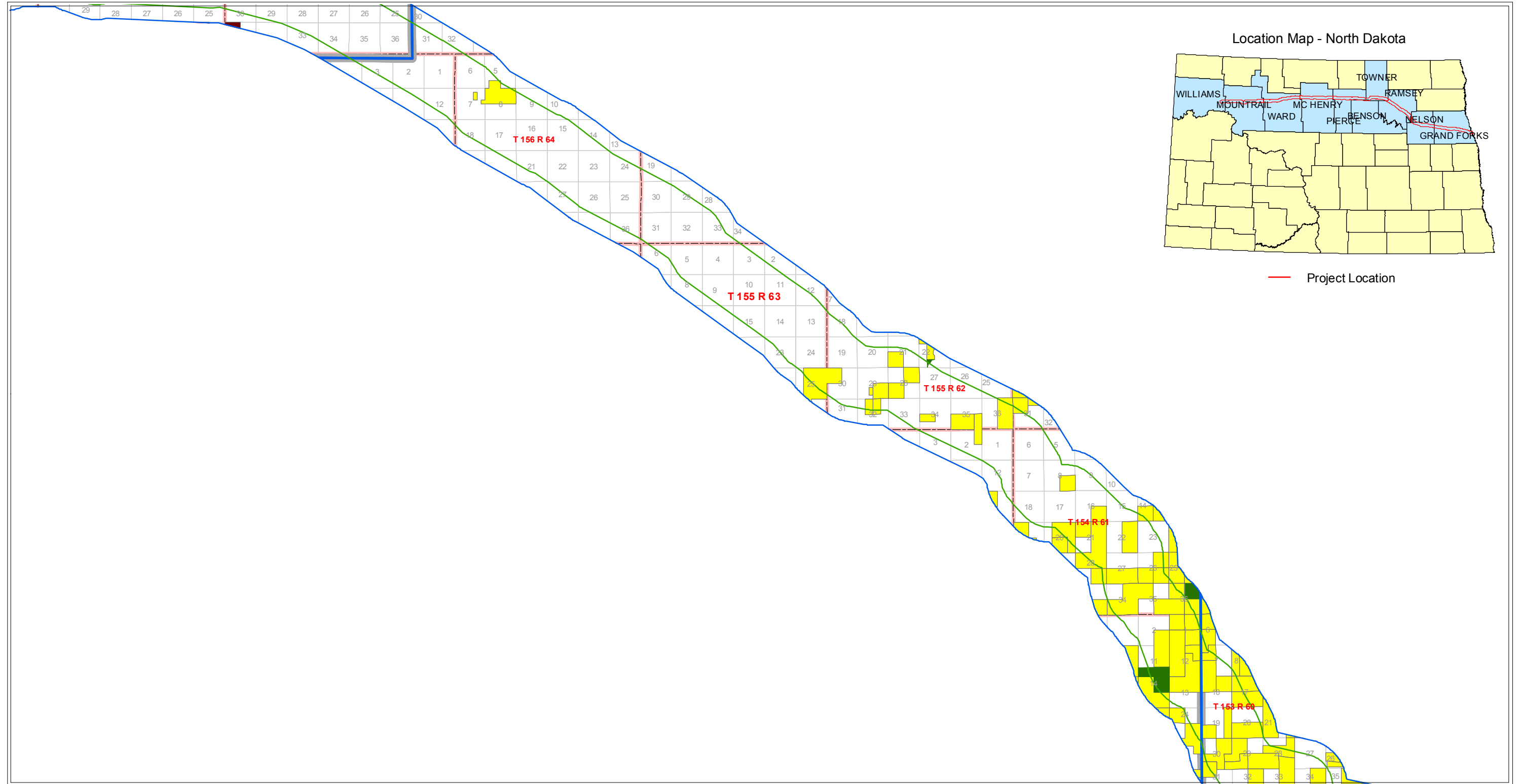
The USFWS easement layer is current through October 2012. Please contact the appropriate Wetland Management District for any newly acquired easements.

Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



0 1 2 4 Kilometers

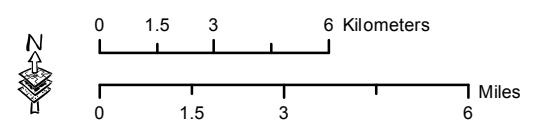
0 1.25 2.5 5 Miles



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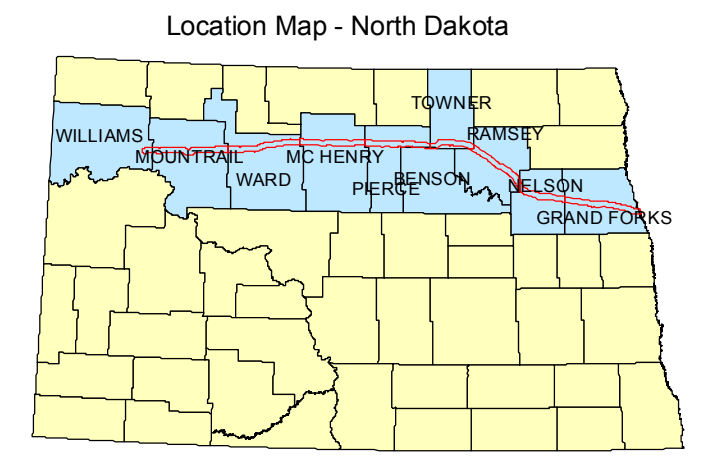
Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



- Legend**
- ▭ Sandpiper Study Area
  - ▭ Project Area
  - ▭ County Boundary
  - ▭ Section
  - ▭ Township
  - Road
  - ▭ Waterfowl Production Area
  - ▭ USFWS Limited Interest NWR
  - ▭ USFWS Conservation Easement
  - ▭ USFWS Wetland Easement
  - ▭ USFWS Grassland Easement

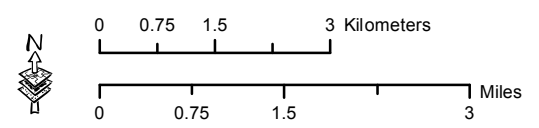


**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
 Towner County, North Dakota



— Project Location

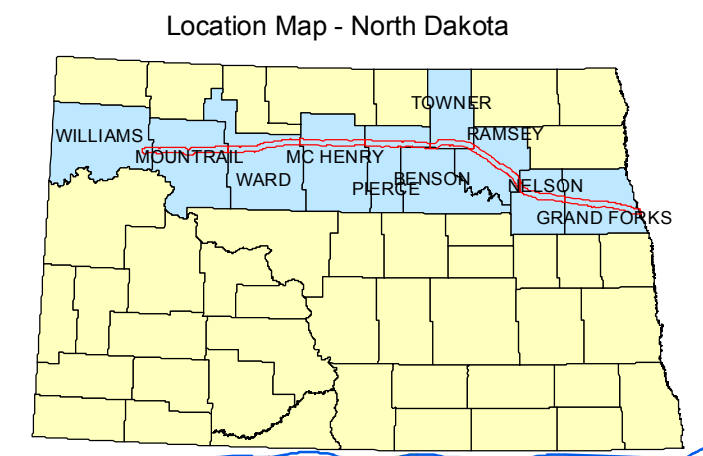
**DISCLAIMER:**  
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 The USFWS easement layer is current through October 2012. Please contact the appropriate Wetland Management District for any newly acquired easements.  
 Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



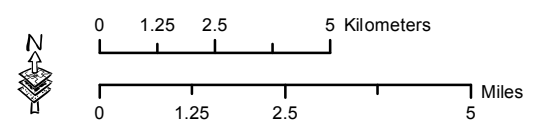
- Legend**
- Sandpiper Study Area
  - Project Area
  - County Boundary
  - Section
  - Township
  - Road
  - Waterfowl Production Area
  - USFWS Limited Interest NWR
  - USFWS Conservation Easement
  - USFWS Wetland Easement
  - USFWS Grassland Easement



**U.S. Fish & Wildlife Service**  
**Sandpiper Study Area - Enbridge**  
**Ward County, North Dakota**



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 The USFWS easement layer is current through October 2012. Please contact the appropriate Wetland Management District for any newly acquired easements.  
 Map was produced by the HAPET Office, Bismarck, ND - 4/4/2013



- Legend**
- Sandpiper Study Area
  - Project Area
  - County Boundary
  - Section
  - Township
  - Road
  - Waterfowl Production Area
  - USFWS Limited Interest NWR
  - USFWS Conservation Easement
  - USFWS Wetland Easement
  - USFWS Grassland Easement

**From:** [Gayle Konik](#)  
**To:** [John W. Muehlhausen](#); [Angela M. Ronayne](#); [Kristin Lenz](#)  
**Cc:** [Sara Ploetz](#); [Leslie TeWinkel](#); [Rob Mickelson](#)  
**Subject:** FW: Proposed Enbridge Sandpiper Pipeline Project- Info from FWS  
**Date:** Friday, April 05, 2013 11:22:04 AM  
**Attachments:** [crithab\\_nd1.dbf](#)  
[crithab\\_nd1.prj](#)  
[crithab\\_nd1.sbn](#)  
[crithab\\_nd1.sbx](#)  
[crithab\\_nd1.shp](#)  
[crithab\\_nd1.shx](#)  
[crithab\\_nd2.dbf](#)  
[crithab\\_nd2.prj](#)  
[crithab\\_nd2.sbn](#)  
[crithab\\_nd2.sbx](#)  
[crithab\\_nd2.shp](#)  
[crithab\\_nd2.shx](#)

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Please see below and attached from FWS. Let us know where this habitat as well as the FWS fee land (sent previously via separate e-mail) lies with respect to the Sandpiper survey corridor. Will be helpful to have a visual when communicating to the rest of the team. Thanks, Gayle

**From:** Leschisin, Douglas [mailto:douglas\_leschisin@fws.gov]  
**Sent:** Thursday, April 04, 2013 8:40 AM  
**To:** Gayle Konik  
**Cc:** Kirsten Brennan; Laurie Richardson  
**Subject:** Proposed Enbridge Sandpiper Pipeline Project

Gayle Konik,

RE: Proposed Enbridge Sandpiper Pipeline Project

Attached is shapefile information for designated critical habitat for the threatened piping plover in NW North Dakota. Several alkaline lakes in Mountrail County, ND, within the proposed corridor for Sandpiper Pipeline, have records of breeding piping plovers and have been designated critical habitat. Please take this information in consideration during your company's planning process.

It is my understanding that your company is in contact with the U.S. Fish and Wildlife Service's Ecological Services office in Bismarck, ND. They can provide additional information about threatened and endangered species. Their contact information:

Jeffrey Towner, Field Supervisor  
US Fish and Wildlife Service - North Dakota Field Office  
701-250-4402

Doug Leschisin  
Wildlife Refuge Specialist  
Tewaukon National Wildlife Refuge  
9754 143 1/2 Ave SE  
Cayuga, ND 58013

701-724-3598, ext 114

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\* \*

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**From:** [Gayle Konik](#)  
**To:** [douglas\\_leschisin@fws.gov](mailto:douglas_leschisin@fws.gov)  
**Subject:** Enbridge Sandpiper Pipeline Project - FWS WMD Initial Consultation  
**Attachments:** [Sandpiper RevA Study Area.zip](#)  
[SPP Final FWS WMD Initial Agency Consultation Letter 20130402.pdf](#)

---

April 2, 2013

Mr. Doug Leschisin, Wildlife Refuge Specialist  
Tewaukon National Wildlife Refuge  
U.S. Fish and Wildlife Service  
9754 143-1/2 Avenue Southeast  
Cayuga, ND 58013

**Subject:** Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information – Location of USFWS Lands within Project Area in  
North Dakota

Dear Mr. Leschisin,

With this letter, we are requesting the locations of the U.S. Fish and Wildlife Service (USFWS) Wetland Management Districts, National Wildlife Refuges, and Waterfowl Production Areas that are within the Sandpiper Pipeline Project (“Sandpiper”) area in North Dakota. We are also requesting information on survey and permitting requirements for biological and cultural resources on these properties and any other lands managed by the USFWS in the Sandpiper project area.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow our existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at our Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to our terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge is in the process of determining the project route, but expects construction to take place between late-2014 and early 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. A project-wide map of the proposed pipeline route and a shapefile of a 2-mile-wide study area are enclosed.

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the environmental review and permitting of Sandpiper, including protected species consultations and field surveys. Merjent is teaming with Midwest Natural Resources to develop survey protocols

and conduct field surveys for protected species. To assist in our environmental analysis of Sandpiper, Merjent has also requested Natural Heritage Inventory System data within the vicinity of Sandpiper from the North Dakota Parks and Recreation Department.

To facilitate consultation regarding protected species within the project area in North Dakota, the following federal and state agency staff have also been notified of the project: Jeffery Towner, Field Supervisor at the USFWS North Dakota Ecological Services Field Office; Steve Dyke, Conservation Supervisor at the North Dakota Game and Fish Department; and Kathy Duttenhefner, Natural Resources Management Coordinator at the North Dakota Parks and Recreation Department.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Leslie TeWinkel at Merjent (612-965-6960; [ltewinkel@merjent.com](mailto:ltewinkel@merjent.com)). Thank you for your assistance. An original, signed copy of this correspondence will follow.

Sincerely,

Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
Shapefile of a 2-mile-wide Study Area

cc: Leslie TeWinkel, Merjent  
Scott Milburn, Midwest Natural Resources



April 2, 2013

Mr. Jeffrey Towner, Field Supervisor  
U.S. Fish and Wildlife Service, North Dakota Field Office  
3425 Miriam Avenue  
Bismarck, North Dakota 58501-7926

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Information Regarding Protected Species

Dear Mr. Towner,

With this letter, we are requesting to meet in early April to discuss necessary survey protocols for federally listed species and critical habitat that may occur in North Dakota counties crossed by the Sandpiper Pipeline Project ("Sandpiper") and potential options for achieving compliance with the Endangered Species Act. In particular, we would like information about survey requirements and conservation measures for the piping plover. We would also like to discuss project-specific recommendations related to the Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act.

Enbridge Pipelines (North Dakota) LLC ("Enbridge") is proposing to build a new pipeline that will generally follow our existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at our Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to our terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge is in the process of determining the project route, but expects construction to take place between late-2014 and early 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. A project-wide map of the proposed pipeline route, a project map of North Dakota counties, and a shapefile of a 2-mile-wide study area are enclosed.

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the environmental review and permitting of Sandpiper, including protected species consultations and field surveys. Merjent is teaming with Midwest Natural Resources to develop survey protocols and conduct field surveys for protected species. To facilitate your environmental review of Sandpiper, Merjent has developed the enclosed list of federally listed species and critical habitat that may occur in North Dakota counties crossed by Sandpiper.

We have also been in contact with Steve Dyke, Conservation Supervisor at the North Dakota Game and Fish Department, to introduce the Sandpiper Pipeline Project and request recommendations related to North Dakota species of concern.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Leslie TeWinkel at Merjent (612-965-6960; ltewinkel@merjent.com). Leslie TeWinkel will be contacting you to establish a time to meet to discuss survey needs and protocols. Thank you for your assistance.

Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
Project Map of North Dakota Counties  
Shapefile of a 2-mile-wide Study Area  
List of Federally Listed Species in North Dakota

cc: Leslie TeWinkel, Merjent  
Scott Milburn, Midwest Natural Resources

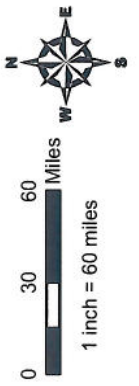
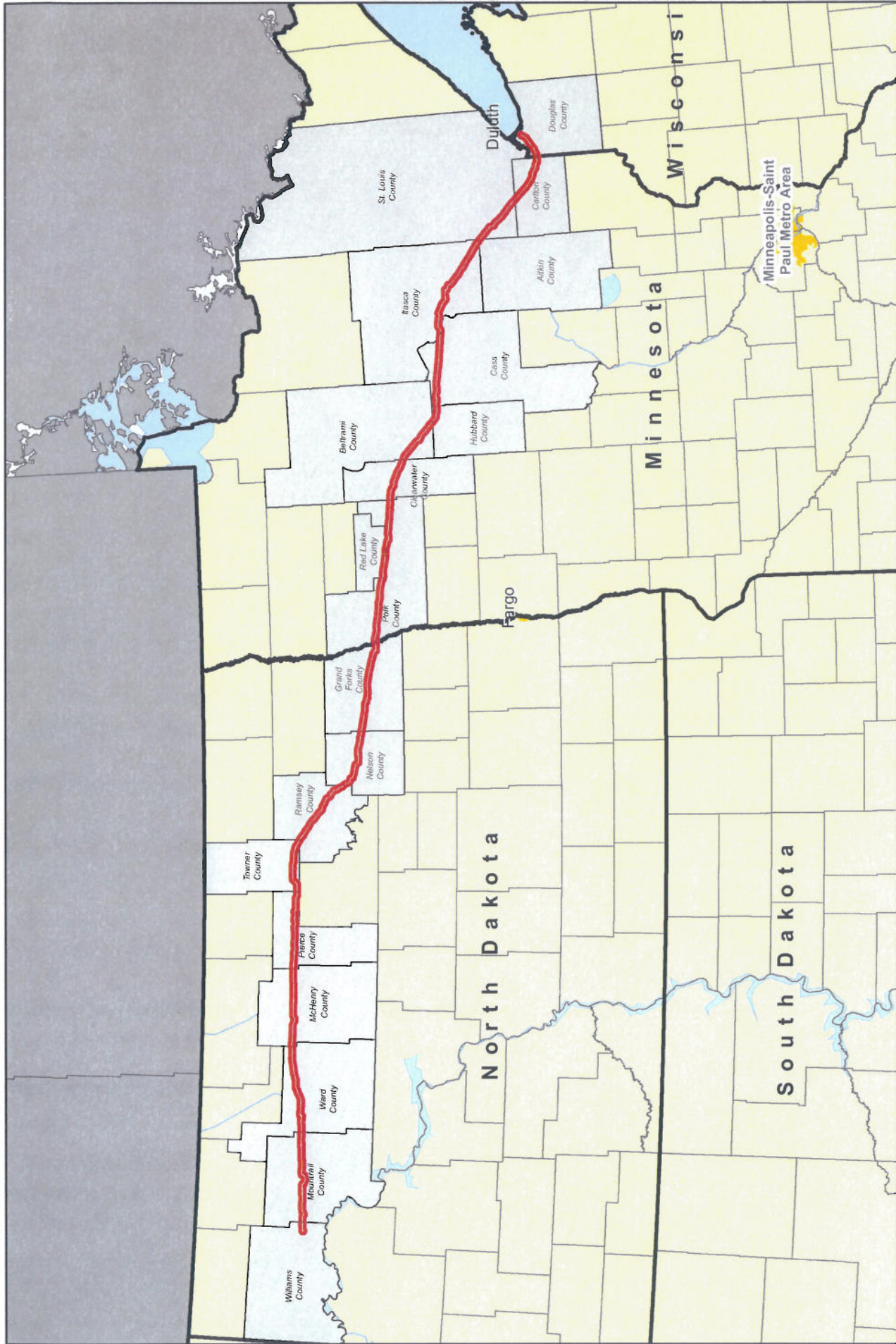
**Enbridge Pipelines (North Dakota) LLC  
 Federally Listed Species and Critical Habitat in North Dakota Counties  
 Crossed by the  
 Sandpiper Pipeline Project**

*As of April 2, 2013*

<b>Species</b>	<b>Status</b>	<b>Habitat</b>	<b>Present in County(ies)</b>
Gray wolf ( <i>Canis lupus</i> )	Endangered	Habitats with low densities of roads and people	Williams, Mountrail, Ward
Piping Plover ( <i>Charadrius melodus</i> )	Threatened	Barren sand and gravel shores of rivers and lakes	Williams, Mountrail, Ward, McHenry, Pierce
Piping Plover ( <i>Charadrius melodus</i> )	Critical Habitat	Barren sand and gravel shores of rivers and lakes	Williams, Mountrail, Ward, McHenry, Pierce
Least Tern – Interior population ( <i>Sterna antillarum</i> )	Endangered	Sparsely vegetated sandbars	Williams, Mountrail
Whooping crane ( <i>Grus americana</i> )	Endangered	Uplands and shallow wetlands during migration	Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, Grand Forks
Sprague's pipit ( <i>Anthus spragueii</i> )	Candidate	Large (>350 acre) patches of grassland - prefer native grassland, but also use non- native planted grasslands.	Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey
Pallid sturgeon ( <i>Scaphirhynchus albus</i> )	Endangered	Large, shallow rivers with sand and gravel bars	Williams, Mountrail
Dakota skipper ( <i>Hesperia dacotae</i> )	Candidate	Native prairie habitat	Mountrail, Ward, McHenry

Sources:

- [http://www.fws.gov/northdakotafieldoffice/endspecies/endangered\\_species.htm](http://www.fws.gov/northdakotafieldoffice/endspecies/endangered_species.htm)
- <http://ecos.fws.gov/ipac/wizard/chooseLocation!prepare.action;jsessionId=100041240FEE47FA77F7B5E573080C9>
- <http://www.fws.gov/mountain-prairie/species/birds/pipingplover/>

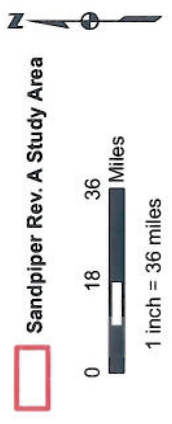
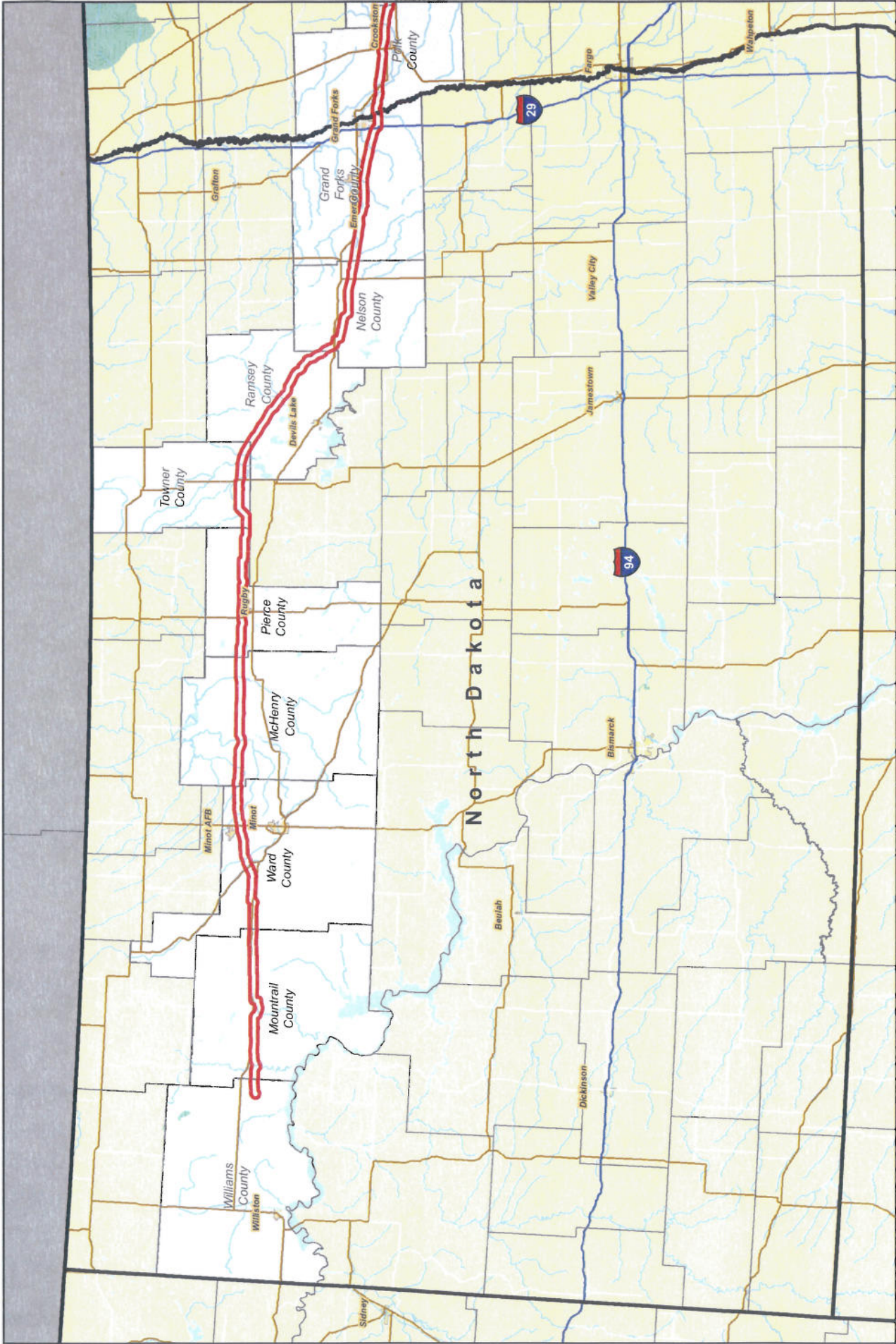


# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### Project Location Map





Sandpiper Rev. A Study Area

## Enbridge Pipelines (North Dakota) LLC

### Sandpiper Pipeline Project

#### North Dakota Project Location Map



**From:** [Angie Durand](#)  
**To:** [SPPArchive](#)  
**Subject:** FW: Sandpiper Pipeline - Ecological Community Information  
**Date:** Tuesday, September 17, 2013 12:20:48 PM  
**Attachments:** [Mergent\\_Sandpiper Pipeline\\_info.docx](#)

---

**merjent**

**Angela Durand**

TractorWorks Building 612.746.3660 main  
800 Washington Avenue 612.746.3666 direct  
N.  
Suite 315  
Minneapolis, MN 55401 612.746.3679 fax

[www.merjent.com](http://www.merjent.com) [adurand@merjent.com](mailto:adurand@merjent.com)

---

**From:** Duttenhefner, Kathy G. [mailto:kgduttenhefner@nd.gov]  
**Sent:** Tuesday, September 17, 2013 12:18 PM  
**To:** Angie Durand  
**Subject:** Sandpiper Pipeline - Ecological Community Information

**From:** Duttenhefner, Kathy G.  
**Sent:** Tuesday, September 17, 2013 11:11 AM  
**To:** 'ADurand@Mergent.com'  
**Subject:** Sandpiper Pipeline - Ecological Community Information

I apologize for the delay in getting this additional information out to regarding the Sandpiper Pipeline Route. There is no management plan for this site but we have attached some information regarding management of this particular community.

For additional information regarding this community please refer to NatureServe Explorer and searching for *Andropogon gerardii* *Panicum virgatum* *Muhlenbergia richardsonis*  
*Herbaceous*

At <http://www.natureserve.org/explorer/>

**Kathy Duttenhefner**

Coordinator/Biologist  
North Dakota Parks and Recreation  
Natural Resources Division  
Nature Preserves/Natural Heritage Inventory/Natural Areas Registry  
701-328-5370

1600 East Century Suite 3  
Bismarck, ND 58503

**From:** [Stankiewicz, Kevin M.](#)  
**To:** [Paul M. Hartzheim](#)  
**Cc:** [Sara Ploetz](#); [Angela M. Ronayne](#); [Leslie TeWinkel](#); [Tony Kaster](#); [SPPArchive](#)  
**Subject:** RE: Enbridge Sandpiper Project: LWCF recreational lands and ND Scenic Byways  
**Date:** Wednesday, May 01, 2013 1:48:51 PM  
**Attachments:** [maps\\_enbridge\\_sandpiper\\_project.pdf](#)

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Good afternoon Paul,

1. Either Enbridge or Merjent should have received maps with our response letter, my apology, perhaps they were accidentally omitted by us. I have attached better maps for you.
2. Your proposed project is not near the Sheyenne River Valley National Scenic Byway. That was a mistake on our part. Good catch and thank you for your attention to that particular information.

Enjoy your day-

**Kevin Stankiewicz**

*North Dakota Parks and Recreation Department*

*Recreation & Trails Grant Coordinator*

*Scenic Byway Program Coordinator*

Ph:701-328-5364

Fax:701-328-5363

Web: [www.parkrec.nd.gov](http://www.parkrec.nd.gov)

---

**From:** Paul M. Hartzheim [mailto:PHartzheim@Merjent.com]  
**Sent:** Tuesday, April 30, 2013 1:16 PM  
**To:** Stankiewicz, Kevin M.  
**Cc:** Sara Ploetz; Angela M. Ronayne; Leslie TeWinkel; Tony Kaster; SPPArchive  
**Subject:** Enbridge Sandpiper Project: LWCF recreational lands and ND Scenic Byways

Mr. Stankiewicz –

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities (Sandpiper Pipeline Project or Project). In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

On behalf of Enbridge, Merjent conducted recent consultation with the North Dakota Parks and Recreation (NDPR) Department to identify agency interests within a 2 mile wide study area associated with the Project. In an April 16, 2013 response letter from NDPR, five Land and Water Conservation Fund (LWCF) projects were identified in the vicinity of the Project.

- Berthold Playground: Project Number 38-01164

- Berthold Walther Park: Project Number 38-00191
- Deering Multi-Purpose Court: Project Number 38-00806
- Grand Forks Golf Course: Project Number 38-01087
- Mouse River Forest Park: Project Number 38-00492

An overview map showing the general location of these LWCF projects was provided in the response letter (see page 4 of attached); however, it is difficult to discern the precise location/boundaries of these recreational lands. Could NDPR please provide detailed maps and/or shapefiles showing the boundaries of these five areas?

Additionally, the response letter states that the Project is located along the Sheyenne River Valley Scenic Byway. Based on recent review of the ND Scenic Byways and Backways on the NDPR website and the ND GIS hub online maps, the Sheyenne Scenic Byway is located in Barnes and Ransom Counties, approximately 50-60 miles from the project. Can NDPR also please confirm?

Thanks for your assistance. If you need to reach me directly, please try my phone at 612.746.1618.

Sincerely,  
Paul Hartzheim



**Paul Hartzheim**

TractorWorks Building	612.746.3660 main
800 Washington Avenue N.	612.746.1618 direct
Suite 315	612.845.1641 cell
Minneapolis, MN 55401	612.746.3679 fax
<a href="http://www.merjent.com">www.merjent.com</a>	<a href="mailto:phartzheim@merjent.com">phartzheim@merjent.com</a>



Jack Dalrymple, Governor  
Mark A. Zimmerman, Director

1600 East Century Avenue, Suite 3  
Bismarck, ND 58503-0649  
Phone 701-328-5357  
Fax 701-328-5363  
E-mail [parkrec@nd.gov](mailto:parkrec@nd.gov)  
[www.parkrec.nd.gov](http://www.parkrec.nd.gov)

April 16, 2013

Ms. Angela Durand  
Mergent  
Suite 315  
800 Washington Ave. N  
Minneapolis, MN 55401

Re: Enbridge Pipelines (North Dakota) LLC – Sandpiper Pipeline Project

Dear Ms. Durand,

The North Dakota Parks and Recreation Department (the Department) has reviewed the above referenced proposal to build a new pipeline that will generally follow existing line 81 pipeline and other existing utilities.

Our agency scope of authority and expertise covers recreation and biological resources (in particular rare plants and ecological communities). The project as defined does not affect state park lands that we manage but may affect state Land and Water Conservation Fund (LWCF) project sites that we manage. A map with LWCF project locations has been attached. All LWCF sites received assistance from the federal LWCF program and are under protection of section 6(f) of the LWCF Act. Any property taken from within the 6f boundary of these sites must be replaced with property of equal market value. Should any public or private utilities need to be added or relocated on the LWCF recreational lands, the NDPRD must be consulted prior to any action taken. Please contact Kevin Stankiewicz (701-328-5364 or [kstankiewicz@nd.gov](mailto:kstankiewicz@nd.gov)) if additional LWCF information is needed.

The Department is also responsible for coordinating the ND's Scenic Byways and Backways Program. This proposed project is along the Sheyenne River Valley Scenic Byways and as such we recommend any project development be completed with the least amount of or no visual impact to the immediate and distant views from the above mentioned Backways/Byways. Please contact Kevin Stankiewicz (701-328-5364 or [kstankiewicz@nd.gov](mailto:kstankiewicz@nd.gov)) if additional Byways and Backways information is needed.

The North Dakota Natural Heritage biological conservation database has been reviewed to determine if any current or historical plant or animal species of concern or other significant ecological communities are known to occur within an approximate one-mile radius of the project area. Based on this review, several plants, animal and significant ecological community occurrences have been identified within or adjacent to the project areas. Please see the attached spreadsheet and maps for more specific information on these species. We defer further comments regarding animal species to the North Dakota Game and Fish Department and the United States Fish and Wildlife Service.

Because this information is not based on a comprehensive inventory, there may be species of concern or otherwise significant ecological communities in the area that are not represented in the database. The lack of data for any project area cannot be construed to mean that no significant features are present. The absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources.

The Department recommends that the project be accomplished with minimal impacts and that all efforts be made to ensure that critical habitats not be disturbed in the project area to help secure rare species conservation in North Dakota. Regarding any reclamation efforts, we recommend that any impacted areas be revegetated with species native to the project area.

.....  
*Play in our backyard!*

April 16, 2013

Page 2

It is our policy to charge requests for data services including data retrieval, data analysis, manual and computer searches, packaging and collection of data. An invoice for services provided has been enclosed.

We appreciate your commitment to rare plant, animal and ecological community conservation, management and inter-agency cooperation to date. For additional information please contact Kathy Duttonhefner (701-328-5370 or [kgduttonhefner@nd.gov](mailto:kgduttonhefner@nd.gov)) of our staff. Thank you for the opportunity to comment on this proposed project.

Sincerely,



Jesse Hanson, Manager  
Planning and Natural Resources Division

R.USNDNHI\*2013\_42KD4/16/2013DL4.19.2013

cc: Sara Ploetz, Enbridge Pipelines (North Dakota) LLC

**ND Parks and  
Recreation Department**

*ND Natural Heritage Inventory*  
1600 East Century Ave., Suite 3  
Bismarck, ND 58503-0649  
(701) 328-5370 FAX: (701) 328-5363

**INVOICE**

**INVOICE NO: 0160  
DATE 4/16/2013**

Ms. Angela Durand  
Mergent  
Suite 315  
800 Washington Ave. N

CONTACT	REFERENCE NO.	DATE SHIPPED	SHIPPED VIA	F.O.B. POINT	TERMS
K.Duttenhefner	NHI_2013_042	4/16/2013	usps		

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Data retrieval, data analysis, manual and computer searches, packaging and collection of data.  Project: Enbridge Pipelines (North Dakota) LLC – Sandpiper Pipeline Project	\$ 60.00	\$ 60.00
SUBTOTAL			\$ 60.00
SALES TAX			
SHIPPING & HANDLING			
<b>TOTAL DUE</b>			<b>\$ 60.00</b>

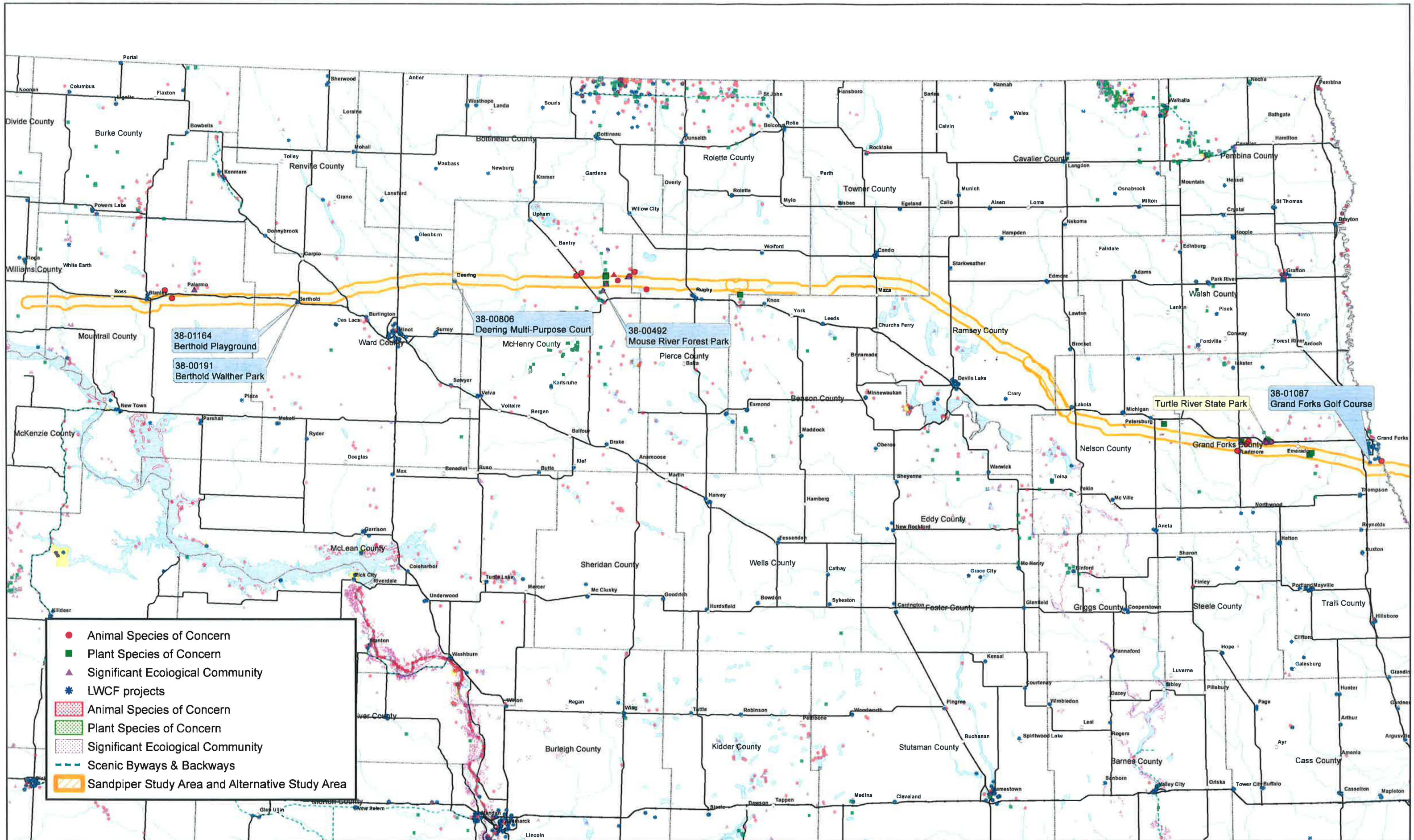
Make all checks payable to: ND Parks and Recreation Department  
If you have any questions concerning this invoice, call: Kathy Duttenhefner, (701) 328-5370

**THANK YOU FOR YOUR INTEREST IN RARE SPECIES CONSERVATION.**

Entry Event	Fund	Dept.	Project	Activity
463021	398	1508	OR15082	15082



# North Dakota Parks and Recreation Department North Dakota Natural Heritage Inventory





North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper Orchid	S2	G5		156N071W - 04	Benson			S
<i>Accipiter cooperii</i>	Cooper's Hawk	SU	G5		152N054W - 36; 151N054W - 01	Grand Forks	1985-07-26		S
<i>Andropogon gerardii</i> - (sorghastrum nutans - muhlenbergia richardsonis) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		152N054W - 36; 151N054W - 01	Grand Forks	2010-06-16		S
<i>Caprimulgus vociferus</i>	Whip-poor-will	SU	G5		151N055W - 12; 151N054W - 06; 151N054W - 07; 151N055W - 13; 151N055W - 02; 151N054W - 18; 151N055W - 14; 151N055W - 01; 151N055W - 11	Grand Forks	1912-06		M
<i>Carex lasiocarpa</i>	Wiregrass Sedge	S3	G5		151N052W - 16; 151N052W - 21; 151N052W - 15; 151N052W - 10; 151N052W - 17; 151N052W - 09; 151N052W - 20; 151N052W - 08; 151N052W - 22; 151N052W - 14	Grand Forks	1963-07-15		M
<i>Chlidonias niger</i>	Black Tern	SNRB	G4		152N053W - 31	Grand Forks	1997-06-17		S
<i>Cornus sericea</i> - salix (bebbiana, discolor, petiolaris) thicket	Dogwood-willow Thicket	S2S3	GNR		152N054W - 31	Grand Forks	1986-07-06		S
<i>Cypripedium candidum</i>	White Lady's-slipper	S2	G4		151N052W - 16; 151N052W - 19; 151N053W - 23; 151N051W - 29; 151N052W - 25; 151N053W - 34; 152N052W - 31; 152N052W - 35; 151N052W - 34; 152N052W - 22; 151N051W - 30; 151N053W - 22; 151N052W - 29; 151N052W - 06; 150N052W - 02; 151N053W - 36; 151N053W - 27;	Grand Forks		G	
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper Orchid	S2	G5		152N054W - 31; 151N055W - 03; 152N055W - 36; 152N054W - 28; 152N055W - 24; 152N055W - 15; 152N054W - 19; 152N054W - 33; 152N054W - 22; 152N055W - 12; 151N054W - 01; 152N054W - 32; 152N054W - 06; 152N054W - 25; 152N054W - 14; 152N055W - 32; 152N054W - 09;	Grand Forks	1961-06-12		G
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper Orchid	S2	G5		152N054W - 36	Grand Forks	2010-6-16		S
<i>Cypripedium parviflorum</i>	Small Yellow Lady's-slipper Orchid	S2	G5		152N054W - 36	Grand Forks	2010-06-16		S
<i>Distichlis spicata</i> - hordeum jubatum/puccinellia nuttalliana saline meadow	Saltgrass Saline Meadow	S2S3	GNR		151N052W - 16	Grand Forks	1982		S

North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
<i>Dryocopus pileatus</i>	Pileated Woodpecker	S3	G5		151N050W - 26; 151N050W - 29; 150N050W - 02; 150N050W - 11; 151N050W - 02; 151N050W - 30; 151N050W - 07; 151N050W - 35; 151N050W - 25; 151N050W - 23; 151N050W - 28; 151N050W - 11; 150N050W - 01; 150N050W - 14; 150N050W - 22; 151N050W - 05; 151N050W - 33;	Grand Forks	1972		G
<i>Fraxinus pennsylvanica</i> - <i>ulmus americana</i> - ( <i>celtis occidentalis</i> ) forest	Eastern Mixed Floodplain Forest	S1S2	GNR		152N054W - 36; 152N053W - 31; 151N054W - 01; 151N054W - 12; 151N054W - 03; 152N054W - 35; 151N053W - 06; 151N054W - 11; 152N054W - 25; 152N054W - 26; 152N054W - 34; 151N054W - 02	Grand Forks	2010-06-16		M
<i>Pascopyrum smithii</i> - <i>stipa comata</i> prairie	Central Mixed Grass Prairie	S2	GNR		151N052W - 16	Grand Forks	1967		S
<i>Phoxinus eos</i>	Northern Redbelly Dace	S4	G5		152N054W - 32; 152N054W - 33; 152N054W - 30; 152N054W - 28; 152N054W - 29; 151N054W - 05; 151N054W - 03; 152N054W - 34; 151N054W - 04; 152N054W - 31; 151N054W - 06	Grand Forks	1979-06-12		M
<i>Quercus macrocarpa</i> - <i>tilia americana</i> / <i>ostrya virginiana</i> / <i>symphoricarpos</i> woodland	Eastern Bur Oak Woodland	S2	GNR		152N054W - 36	Grand Forks	2010-06-16		S
<i>Quercus macrocarpa</i> / <i>prunus virginiana</i> northern ravine woodland	Bur Oak Upland Woodland	S3	GNR		152N054W - 31; 151N054W - 06	Grand Forks	1986-07-06		S
<i>Schizachyrium scoparium</i> - <i>bouteloua curtipendula</i> - <i>stipa spartea</i> prairie	Dry Mesic Tallgrass Prairie	S1	GNR		151N052W - 16	Grand Forks	1971		S
<i>Seiurus noveboracensis</i>	Northern Waterthrush	S4	G5		151N054W - 04; 152N054W - 09; 151N054W - 17; 152N055W - 13; 152N055W - 22; 151N055W - 02; 151N054W - 01; 152N055W - 12; 152N054W - 22; 152N054W - 33; 151N055W - 01; 152N055W - 15; 152N055W - 24; 152N055W - 14; 152N055W - 27; 151N055W - 03; 152N055W - 36;	Grand Forks			G
<i>Sporobolus airoides</i>	Alkali Sacaton	S3	G5		151N052W - 16	Grand Forks	1960-07-29		S
<i>Symphoricarpos occidentalis</i> shrubland	Buckbrush Shrubland	S4	GNR		152N054W - 36; 152N053W - 31; 151N054W - 01; 151N054W - 12; 152N054W - 26; 152N054W - 35; 151N053W - 06; 151N054W - 11; 152N054W - 25; 152N053W - 30; 151N053W - 07; 151N054W - 02	Grand Forks	2010-06-10		M
<i>Typha</i> spp. inland great plains wetland	Cattail Deep Marsh	S3	GNR		152N053W - 31; 152N054W - 36; 151N053W - 07; 151N053W - 06; 152N053W - 30; 152N053W - 32; 151N053W - 05; 152N053W - 29; 151N054W - 01; 152N054W - 25	Grand Forks	2010-06-15		M

North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
<i>Urocyon cinereoargenteus</i>	Common Gray Fox	SU	G5		151N054W - 01; 152N054W - 36; 152N053W - 30; 151N053W - 07; 151N054W - 02; 152N053W - 31; 151N054W - 12; 152N054W - 26; 152N054W - 35; 151N053W - 06; 151N054W - 11; 152N054W - 25	Grand Forks	1966-08-28		M
<i>Vermivora celata</i>	Orange-crowned Warbler	S4	G5		152N054W - 36	Grand Forks	1997-05-17		S
<i>Accipiter cooperii</i>	Cooper's Hawk	SU	G5		157N075W - 22; 157N075W - 28; 157N075W - 14; 157N075W - 20; 157N075W - 23; 157N075W - 26; 157N075W - 27; 157N075W - 16; 157N075W - 21; 157N075W - 15	McHenry	1981-05		M
<i>Acorus americanus</i>	Sweetflag	S4	G5		157N075W - 18	McHenry	1984-08-22		S
<i>Ammodramus bairdii</i>	Baird's Sparrow	SU	G4		157N075W - 13	McHenry	1993-07-30		S
<i>Betula pumila/carex prairea seepage shrubland</i>	Bog Birch Rich Fen	S2	GNR		157N075W - 18	McHenry	1982-08-09		S
<i>Betula pumila/carex prairea seepage shrubland</i>	Bog Birch Rich Fen	S2	GNR		157N075W - 30	McHenry	1986		S
<i>Calamagrostis stricta - carex lanuginosa wet meadow</i>	Northern Reedgrass Wet Meadow	S2S3	GNR		157N075W - 13	McHenry	1993-07-30		S
<i>Calamovilfa longifolia/carex filifolia sand prairie</i>	Sandreed Prairie	S2	GNR		157N075W - 16	McHenry	1984-05-30		S
<i>Carex leptalea</i>	Delicate Sedge	S3	G5		157N075W - 18	McHenry	1984-08-22		S
<i>Carex sterilis</i>	Sterile Sedge	S1	G4		157N075W - 30; 157N075W - 28; 157N076W - 24; 157N075W - 17; 157N076W - 36; 157N075W - 32; 157N075W - 19; 157N075W - 21; 157N076W - 25; 157N075W - 20; 157N075W - 29; 157N075W - 31; 157N075W - 18	McHenry	1986		M
<i>Fraxinus pennsylvanica - celtis spp. - tilia americana - mixed forest</i>	Eastern Hardwood Forest	S3	GNR		157N075W - 31	McHenry	1982-07-01		S
<i>Galium labradoricum</i>	Bog Bedstraw	S3	G5		157N075W - 18	McHenry	1982-08-09		S
<i>Hesperia dacotae</i>	Dakota Skipper	S2	G2	C	157N076W - 17	McHenry	1979	Medium	S
<i>Hesperia dacotae</i>	Dakota Skipper	S2	G2	C	157N076W - 18	McHenry	1998-07-13	Medium	S
<i>Menyanthes trifoliata</i>	Buckbean	S2	G5		157N075W - 18	McHenry	1984-08-22		S
<i>Menyanthes trifoliata</i>	Buckbean	S2	G5		157N075W - 30; 157N075W - 28; 157N076W - 24; 157N075W - 17; 157N076W - 36; 157N075W - 32; 157N075W - 19; 157N075W - 21; 157N076W - 25; 157N075W - 20; 157N075W - 29; 157N075W - 31; 157N075W - 18	McHenry	1986		M
<i>Potentilla palustris</i>	Purple Cinquefoil	S2	G5		157N075W - 18	McHenry	1984-08-22		S

North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
<i>Scirpus maritimus</i> - <i>scirpus acutus</i> /( <i>triglochin maritima</i> ) wetland	Brackish Shallow Marsh	S3	GNR		157N075W - 13	McHenry	1993-07-30		S
<i>Stipa comata</i> - <i>bouteloua gracilis</i> /carex filifolia prairie	Needle-and-thread Mixed Grass Prairie	S2	GNR		157N075W - 13	McHenry	1993-07-30		S
<i>Utricularia intermedia</i>	Flat-leaved Bladderwort	S2	G5		157N075W - 18	McHenry	1982-09-10		S
<i>Utricularia intermedia</i>	Flat-leaved Bladderwort	S2	G5		157N075W - 30; 157N075W - 28; 157N076W - 24; 157N075W - 17; 157N076W - 36; 157N075W - 32; 157N075W - 19; 157N075W - 21; 157N076W - 25; 157N075W - 20; 157N075W - 29; 157N075W - 31; 157N075W - 18	McHenry	1986		M
<i>Utricularia minor</i>	Lesser Bladderwort	S2	G5		157N075W - 30; 157N075W - 32; 157N075W - 19; 157N075W - 21; 157N076W - 25; 157N075W - 20; 157N075W - 29; 157N075W - 31; 157N075W - 18; 157N075W - 28; 157N076W - 24; 157N075W - 17; 157N076W - 36	McHenry	1986		M
<i>Ammodramus bairdii</i>	Baird's Sparrow	SU	G4		157N074W - 07; 157N075W - 12; 157N074W - 18; 157N074W - 19; 157N074W - 06; 157N074W - 08; 157N074W - 17; 157N074W - 05; 157N075W - 01; 157N075W - 13	McHenry, Pierce	1981		M
<i>Charadrius melodus</i>	Piping Plover	S1S2	G3	LE,LT	156N090W - 20	Mountrail	1996-06-10	Medium	S
<i>Charadrius melodus</i>	Piping Plover	S1S2	G3	LE,LT	156N091W - 13	Mountrail	1996-06-10	Medium	S
<i>Potamogeton pectinatus</i> - <i>ruppia maritima</i> saline wetland	Saline Wetland	S3	GNR		156N090W - 12; 156N090W - 13	Mountrail	1983-06-10		S
<i>Andropogon gerardii</i> - ( <i>panicum virgatum</i> ) northern tallgrass prairie	Wet-mesic Tallgrass Prairie	S1	GNR		152N057W - 28; 152N057W - 21	Nelson	2002-06-24	Very High	S
<i>Andropogon gerardii</i> - ( <i>sorghastrum nutans</i> - <i>muhlenbergia richardsonis</i> ) tallgrass prairie	Mesic Tallgrass Prairie	S1	GNR		152N057W - 35	Nelson	2002-06-23	Very High	S
<i>Carex aquatilis</i> - <i>carex</i> spp. wetland	Water Sedge Rich Fen	S1	GNR		152N058W - 18; 152N058W - 17	Nelson	2002-06-24	Very High	S
<i>Carex aquatilis</i> - <i>carex</i> spp. wetland	Water Sedge Rich Fen	S1	GNR		152N058W - 36	Nelson	2002-06-24	Very High	S
<i>Eleocharis parvula</i>	Dwarf Spikerush	S2	G5		152N057W - 09; 152N057W - 17; 152N057W - 04; 152N057W - 16; 152N057W - 03; 152N057W - 10; 152N057W - 22; 152N057W - 08; 152N057W - 14; 152N057W - 21; 152N057W - 11; 152N057W - 15	Nelson	1951-09-03		M

North Dakota Natural Heritage Inventory  
Rare Animal and Plant Species and Significant Ecological Communities

State Scientific Name	State Common Name	State Rank	Global Rank	Federal Status	Township Range Section	County	Last Observation	Estimated Representation Accuracy	Precision
Bubulcus ibis	Cattle Egret	S4	G5		157N074W - 33; 157N074W - 27; 156N074W - 06; 157N074W - 32; 156N074W - 04; 157N074W - 29; 157N074W - 28; 157N074W - 26; 156N074W - 05; 157N074W - 35; 157N074W - 34	Pierce	1979-06-29		M



### **North Dakota Natural Heritage Inventory Biological and Conservation Data Disclaimer**

The quantity and quality of data collected by the North Dakota Natural Heritage Inventory are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in North Dakota have never been thoroughly surveyed, and new species are still being discovered. For these reasons, the Natural Heritage Inventory cannot provide a definite statement on the presence, absence, or condition of biological elements in any part of North Dakota. Natural Heritage data summarize the existing information known at the time of the request. Our data are continually upgraded and information is continually being added to the database. This data should never be regarded as final statements on the elements or areas that are being considered, nor should they be substituted for on-site surveys.

#### **Estimated Representation Accuracy**

Value that indicates the approximate percentage of the Element Occurrence Representation (EO Rep) that was observed to be occupied by the species or community (versus buffer area added for locational uncertainty). Use of estimated representation accuracy provides a common index for the consistent comparison of EO reps, thus helping to ensure that aggregated data are correctly analyzed and interpreted.

Very high (>95%)

High (>80%, <= 95%)

Medium (>20%, <= 80%)

Low (>0%, <= 20%)

Unknown

(null) - Not assessed

#### **Precision**

A single-letter code for the precision used to map the Element Occurrence (EO) on a U.S. Geological Survey (USGS) 7.5' (or 15') topographic quadrangle map, based on the previous Heritage methodology in which EOs were located on paper maps using dots.

S - Seconds: accuracy of locality mappable within a three-second radius; 100 meters from the centerpoint

M - Minute: accuracy of locality mappable within a one-minute radius; 2 km from the centerpoint

G - General: accuracy of locality mappable to map or place name precision only; 8 km from centerpoint

U - Unmappable

Land and Water Conservation Fund Projects

<b>Project Name</b>	<b>Project Number</b>
Berthold Playground	38-01164
Berthold Walther Park	38-00191
Deering Multi-Purpose Court	38-00806
Grand Forks Golf Course	38-01087
Mouse River Forest Park	38-00492



Jack Dalrymple, Governor  
Mark A. Zimmerman, Director  
1600 East Century Avenue, Suite 3  
Bismarck, ND 58503-0649  
Phone 701-328-5357  
Fax 701-328-5363  
E-mail [parkrec@nd.gov](mailto:parkrec@nd.gov)  
[www.parkrec.nd.gov](http://www.parkrec.nd.gov)

April 10, 2013

Angie Durand  
Merjent  
800 Washington Ave N., Suite 315  
Minneapolis, MN 55401

Re: Enbridge Sandpiper Pipeline Project

Dear Ms. Durand:

Thank you for your interest in the North Dakota Parks & Recreation Department's (the Department) Natural Heritage Inventory biological conservation database. The Department conducted an environmental review for this project and will send a response to Enbridge separate from this letter. The information you will find in the attached zipped file represents only the plant and animal species of concern and the significant ecological communities. It does not include other lands and projects that are owned or managed by the Department such as: state parks, state nature preserves, Land and Water Conservation Fund projects, Recreational Trails Program projects, and Scenic Byways and Backways.

The North Dakota Natural Heritage Inventory (NDNHI) biological conservation database has been reviewed to determine if any current or historical plant or animal species of concern or other significant ecological communities are known to occur within one mile of the project area. Based on this review, several occurrences have been identified within or adjacent to the project area. Please see the attached shapefiles and documents for more information. We defer further comments regarding animal species to the North Dakota Game and Fish Department and the United States Fish and Wildlife Service. For a description of the significant ecological communities please see this NatureServe link <http://www.natureserve.org/library/northdakotasubset.pdf>. For more information regarding any species or community please visit this link to the NatureServe web site <http://www.natureserve.org/index.jsp>.

Because this information is not based on a comprehensive inventory, there may be species of concern or otherwise significant ecological communities in the area that are not represented in the database. The lack of data for any project area cannot be construed to mean that no significant features are present. The absence of data may indicate that the project area has not been surveyed, rather than confirm that the area lacks natural heritage resources.

Attached to this email message you will find the following documents:

- Shapefiles with heritage species and communities - points and polygons
  - The reason we have two shapefiles, a point and a polygon, is because several years ago we implemented a new software program called Biotics. Our data had always been point, but the new software allows polygons. We are in the process of changing our points to polygons but currently have a mix of the two shape types.
- *EOREP\_DS\_fieldnames.xls* – a document to help explain field names in the heritage shapefiles
- *Methodology\_guide\_2012.doc* – a document with the NDNHI methodology and a guide to the species of concern lists
- *Animal SOC list 2012.xls* and *Plant SOC list 2012.xls* – NDNHI Species of Concern lists

The ND Parks & Recreation Department would appreciate being consulted during the public scoping and/or environmental assessment of the project. Thank you for the opportunity to provide preliminary data for the project site. Please contact me if additional information is needed.

Sincerely,

*Kathy Duttonhefner*  
Coordinator/Biologist  
Natural Resource Program

• • • • •  
*Play in our backyard!*

*July 17, 2013*

*Page 2*

Natural Areas Registry/Natural Heritage Inventory

701-328-5370 (office)

701-220-3377 (cell)

[kgduttonhefner@nd.gov](mailto:kgduttonhefner@nd.gov)

R13-20

Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715-398-4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



April 22, 2013

Jodey Reinke, Assistant to the Commissioner  
North Dakota Department of Agriculture  
600 E Boulevard Ave.  
Department 602  
Bismarck, ND 58505-0020

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for Environmental Restoration Information

Dear Ms. Reinke,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request the North Dakota Department of Agriculture's environmental construction and restoration requirements for the purpose of assisting us in developing an Environmental Protection Plan (EPP) that will be used to minimize construction-related effects on soil and water resources.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The project will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge is in the process of determining the project route, but expects construction to take place between late-2014 and early 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. A project-wide map of the proposed pipeline route; project map of North Dakota counties crossed; a list of the Section, Township, Range crossed by the project; and a shapefile of a 2-mile-wide study area are enclosed.

Enbridge has contracted Merjent, Inc. (Merjent) to assist with environmental review and permitting of Sandpiper, including the development of the EPP.

If you have any questions or need further information in order to respond to this request, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Tony Dalbec at Merjent (621-746-3674; adalbec@merjent.com). Thank you for your assistance.

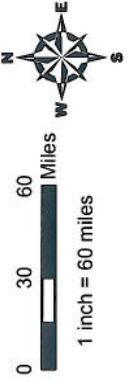
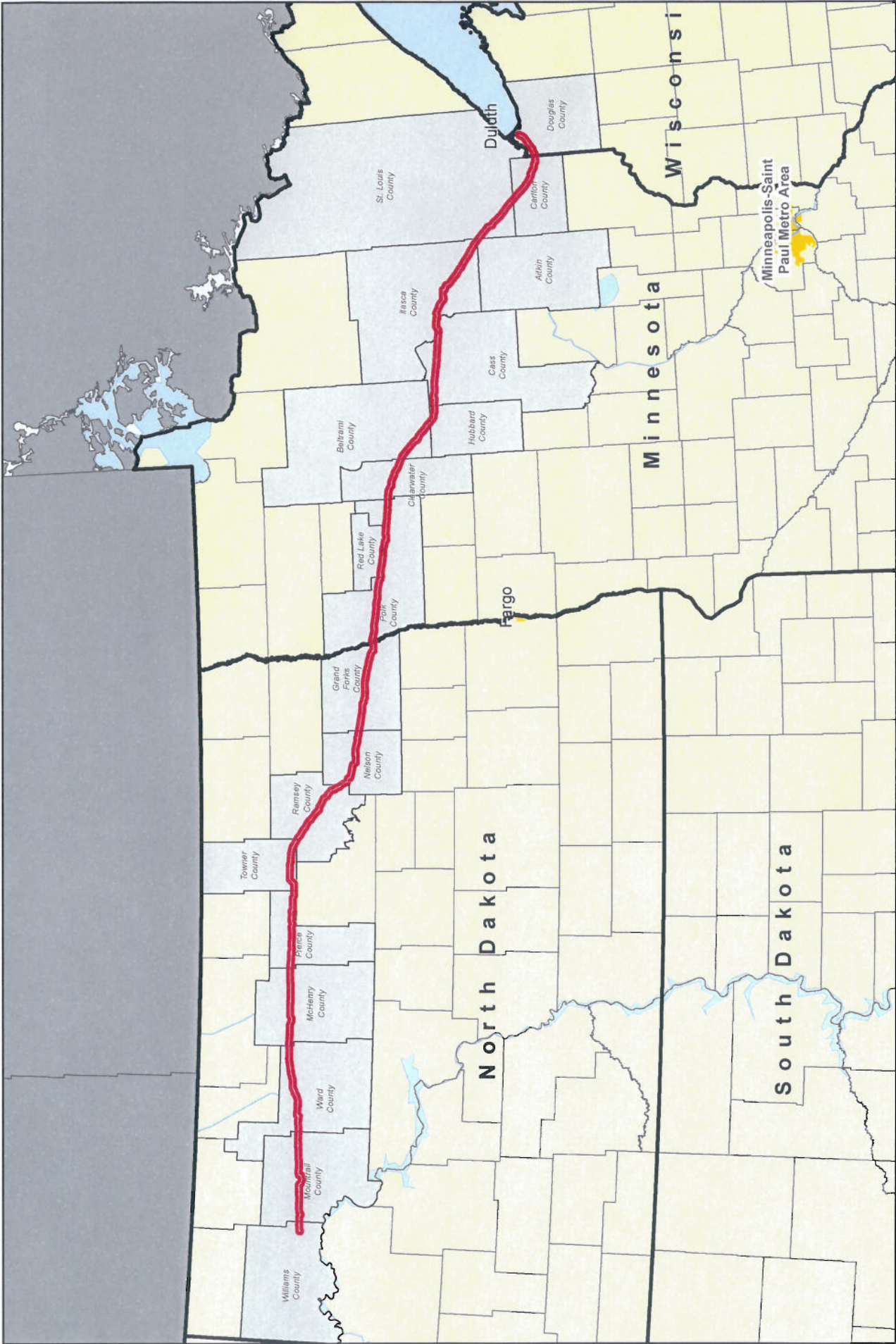
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
County Route Map  
Public Land Survey Section, Township, and Range List  
Shapefile of a 2-mile-wide Study Area

cc: Tony Dalbec, Merjent



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in North Dakota**

<b>County</b>	<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
Grand Forks	T150N	R49W	6
Grand Forks	T150N	R50W	1, 2, 3, 4, 5
Grand Forks	T151N	R49W	31
Grand Forks	T151N	R50W	30, 31, 32
Grand Forks	T151N	R51W	19, 20, 22, 25, 26, 27
Grand Forks	T151N	R52W	7, 14, 15, 16, 17, 18, 23, 24
Grand Forks	T151N	R53W	7, 8, 9, 10, 11, 12
Grand Forks	T151N	R54W	5, 6, 8, 9, 10, 11, 12
Grand Forks	T151N	R55W	1, 2, 3, 4, 5
Grand Forks	T152N	R55W	31, 32
Grand Forks	T152N	R56W	29, 30, 32, 33, 34, 35, 36
Grand Forks	T152N	R57W	25
McHenry	T157N	R74W	19
McHenry	T157N	R75W	19, 20, 21, 22, 23, 24
McHenry	T157N	R76W	24, 25, 26, 27, 28, 29, 30
McHenry	T157N	R77W	25, 26, 27, 28, 29, 30
McHenry	T157N	R78W	25, 26, 27, 28, 29, 30
McHenry	T157N	R79W	25, 26, 27, 28, 29, 30
McHenry	T157N	R80W	19, 20, 25, 26, 27, 28, 29
McHenry	T157N	R81W	24, 25
Mountrail	T155N	R94W	3
Mountrail	T156N	R88W	19, 20, 21, 22, 23, 24
Mountrail	T156N	R89W	19, 20, 21, 22, 23, 24
Mountrail	T156N	R90W	24, 25, 26, 27, 28, 29, 30
Mountrail	T156N	R91W	25, 26, 31, 32, 33, 34, 35
Mountrail	T156N	R92W	25, 26, 27, 28, 29, 30, 31, 36
Mountrail	T156N	R93W	31, 32, 33, 34, 35, 36
Mountrail	T156N	R94W	31, 32, 33, 34, 35, 36
Mountrail	T156N	R95W	36
Nelson	T152N	R57W	19, 20, 21, 25, 26, 27, 28
Nelson	T152N	R58W	19, 20, 21, 22, 23, 24
Nelson	T152N	R59W	7, 8, 9, 15, 16, 22, 23, 24
Nelson	T152N	R60W	2, 3, 4, 11, 12
Nelson	T153N	R60W	7, 18, 19, 20, 29, 32, 33, 34
Nelson	T153N	R61W	1, 12
Pierce	T157N	R68W	31
Pierce	T157N	R69W	25, 26, 27, 28, 29, 30, 36
Pierce	T157N	R70W	20, 21, 22, 25, 26, 27, 29, 30
Pierce	T157N	R71W	21, 22, 23, 25, 26, 27, 28, 29, 30
Pierce	T157N	R72W	25, 26, 27, 28, 29, 30
Pierce	T157N	R73W	19, 25, 26, 27, 28, 29, 30

**Sandpiper Pipeline Project**  
**Township, Range, and Sections Crossed in North Dakota**

<b>County</b>	<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
Pierce	T157N	R74W	19, 20, 21, 22, 23, 24
Ramsey	T153N	R60W	18, 19
Ramsey	T153N	R61W	1, 2, 12, 13
Ramsey	T154N	R61W	6, 7, 8, 15, 16, 17, 18, 21, 22, 26, 27, 34, 35, 36
Ramsey	T154N	R62W	1
Ramsey	T155N	R62W	19, 27, 28, 29, 30, 34, 35, 36
Ramsey	T155N	R63W	4, 5, 9, 10, 11, 13, 14, 24
Ramsey	T156N	R63W	30, 31, 32
Ramsey	T156N	R64W	1, 6, 7, 8, 15, 16, 17, 22, 23, 25, 26
Ramsey	T156N	R65W	2
Ramsey	T157N	R65W	35, 36
Towner	T157N	R65W	19, 20, 26, 27, 28, 29, 35, 36
Towner	T157N	R66W	19, 20, 21, 22, 23, 24
Towner	T157N	R67W	19, 20, 21, 22, 23, 24
Towner	T157N	R68W	23, 24, 26, 27, 31, 32, 33, 34
Towner	T157N	R69W	25
Ward	T156N	R83W	6
Ward	T156N	R84W	1, 2, 3, 4, 5, 6, 7, 8
Ward	T156N	R85W	11, 12, 14, 15, 16, 17, 18
Ward	T156N	R86W	13, 14, 15, 16, 17, 19, 20, 21
Ward	T156N	R87W	19, 20, 21, 22, 23, 24
Ward	T156N	R88W	24
Ward	T157N	R81W	24, 25, 26, 27, 28, 29, 30
Ward	T157N	R82W	25, 26, 27, 28, 31, 32, 33
Ward	T157N	R83W	34, 35, 36
Williams	T155N	R95W	4, 5
Williams	T156N	R95W	33, 34, 35, 36



Chase Building  
516 Cooper Avenue, Suite 101  
Grafton, ND 58237  
T: 701.352.3550  
F: 701.352.3015  
E-mail: RRRC@nd.gov

October 10, 2013

Sara Ploetz  
Enbridge Pipelines  
1409 Hammond Ave, Second Floor  
Superior, WI 54880

Dear Ms. Ploetz,

I am writing in response to your inquiry as to the effects of the Sandpiper pipeline as it relates to the Red River Riparian Project, one of many 319 projects funded through the North Dakota Department of Health. I have reviewed the GIS shape file that you sent and compared it our project sites. While the pipeline project does pass through the Red River Riparian project territory, it would not have an impact on past or present river restoration projects. Attached you will find two shape files. Within these files, the Red River Riparian Project is highlighted in blue, and the Turtle River Watershed is highlighted in green. The Turtle River watershed is the portion of the Red River Riparian Project area watershed traversed by the proposed pipeline.

It is important to note that whenever the pipeline construction passes through a riparian area, or the corridor area along a river, that disturbance should be remediated using sound riparian restoration methods. One such method of restoration involves re-vegetation using riparian plant species native to North Dakota that are suited for the riparian zone level being treated for disturbance. We are here as a resource if you should need any advice with riparian plant species in this region.

Thank you for your inquiry.

Sincerely,

A handwritten signature in cursive script that reads "Sarah Braaten".

Sarah Braaten  
Red River Riparian Project Manager  
Red River Regional Council

Enc.





August 22, 2013

Sara Ploetz  
Environmental Analyst II  
1409 Hammond Avenue, 2<sup>nd</sup> Floor  
Superior, WI 54880

Re: Enbridge Pipeline (North Dakota) LLC, "Sandpiper Pipeline Project"  
Information Request Regarding 303(d) Listed Waters and Stream Classification

Dear Ms. Ploetz:

Thank you for the opportunity to review the material on the Sandpiper Pipeline Project (Sandpiper). In brief your request is to confirm your assessment of 303(d) waters and stream classification in close proximity to Sandpiper's right-of-way.

The North Dakota Department of Health (NDDoH) has evaluated the material on 303(d) listed waters and stream classification and it does appear correct. Additionally, Sandpiper will cross or cross in close proximity to two Nonpoint Source Pollution (NPS) watershed projects (the Red River Riparian Project and the Turtle River Riparian Project). Both NPS Projects are in response to the 303(d) listing, and completion or currently being developed Total Maximum Daily Load (Attachment 1 & 2).

I would suggest that at some point you provide the NPS project coordinators in Sandpiper footprint information on activities in their prospective project areas. I make this suggestion to provide the local individuals an accurate description of Sandpiper and to provide your contacts with close ties to the agricultural and environmental community.

Contact information for the Red River and Turtle River Projects are:

Sara Baaten  
Red River Riparian Council  
56 Copper Avenue  
Grafton, ND 58237  
(701) 352-3550

Kristine Larsen  
Eastern Grand Forts County SCD  
477 Technology Circle, STE 1C  
Grand Forks, ND 58203  
(701) 772-2321

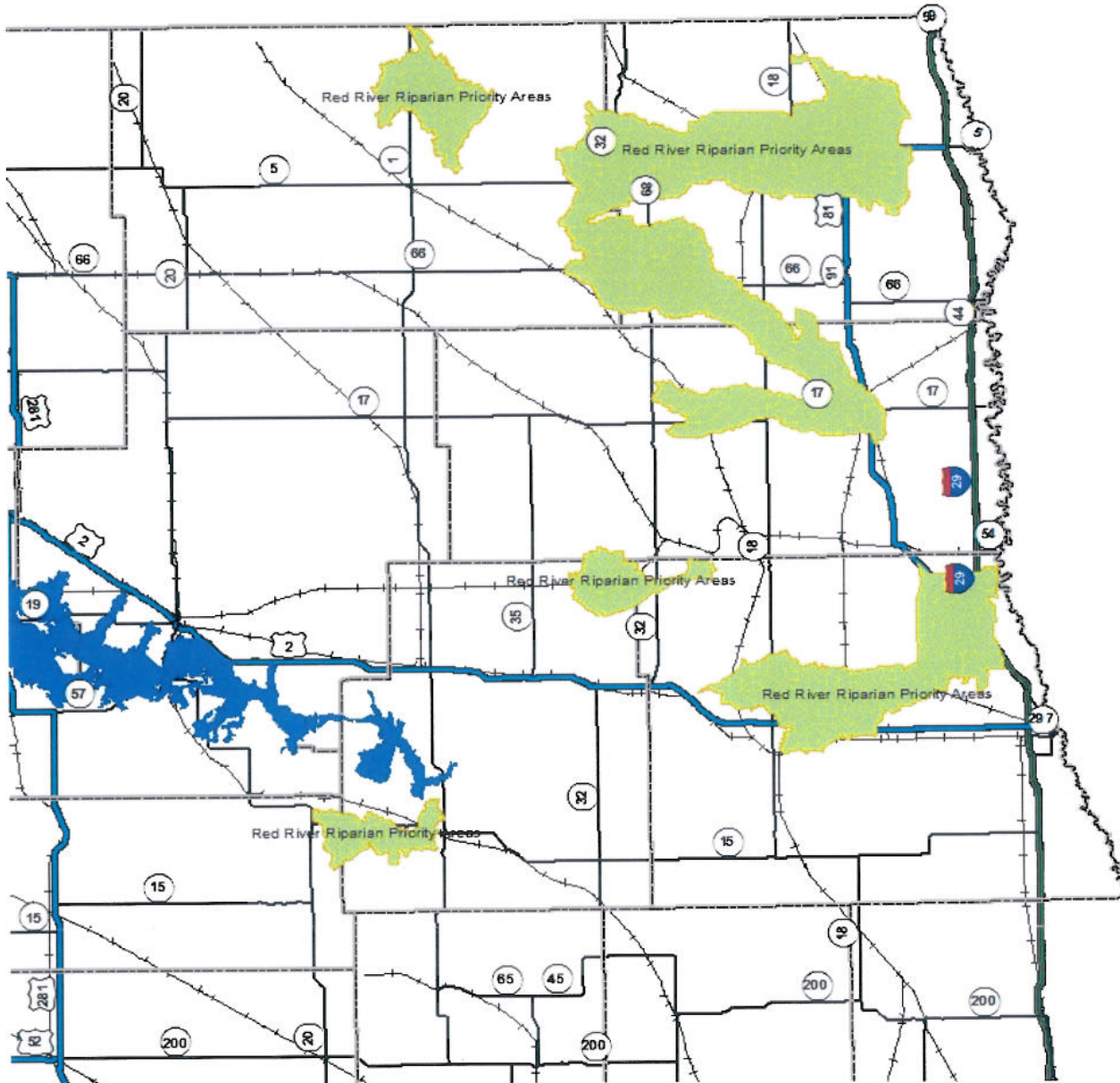
Should you have any questions, I can be reached at 701.328.5268.

Sincerely,

Peter N. Wax  
Environmental Scientist  
Division of Water Quality

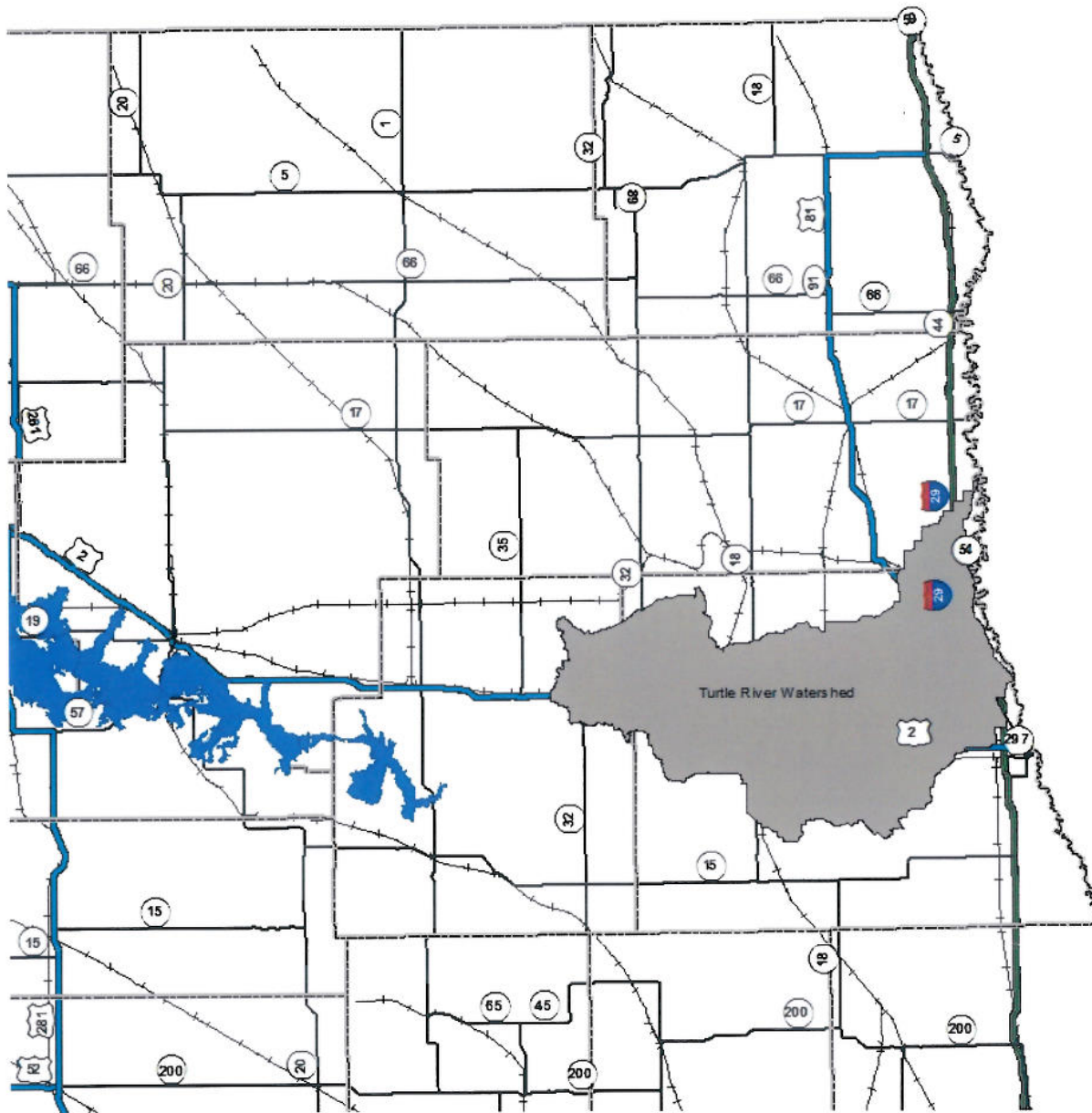
PNW:dlp  
Attachments

**Attachment 1. Red River Riparian Project.**



Red River Riparian Project Area in Lime.

**Attachment 2. Turtle River Watershed Project Area.**



**Turtle River Watershed Project Area in Grey.**





September 23, 2013

Kristine Larson  
Grand Forks County Soil Conservation District  
4775 Technology Circle, STE 1C  
Grand Forks, ND 58203

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding the Turtle River Watershed Project

Dear Ms. Larson,

Enbridge Pipelines (North Dakota) LLC ("Enbridge") is proposing to build a new pipeline called the Sandpiper Pipeline Project ("Sandpiper") that will begin at Enbridge's Beaver Lodge station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge recently contacted the North Dakota Department of Health ("NDDH") regarding Impaired Waters near the project and NDDH directed us to contact you regarding the Nonpoint Source Pollution Turtle River Watershed Project. Based on maps provided by the NDDH, it appears Sandpiper may cross the Turtle River Watershed Project in Nelson and Grand Forks counties. To better assist us in the environmental review of our project, we are interested in obtaining information on the watershed project.

We expect construction to start on the permitted route by fourth quarter of 2014 and end in first quarter of 2016, depending on regulatory approvals and final construction planning. Enbridge has contracted with Merjent, Inc. ("Merjent") to assist with environmental review and permitting on Sandpiper. To facilitate our environmental review, we are respectfully requesting the following information be provided:

- GIS shapefile (if possible) displaying the boundaries of the Turtle River Watershed Project area;
- location(s) of any completed or planned restoration projects in the vicinity of the Sandpiper route;
- any special requirements, restrictions, or specifications regarding constructing pipelines across the Turtle River Watershed Project area; and
- any additional information you deem relevant to Sandpiper.

To assist in your review of this request, we have enclosed the following information:

- a project map of the proposed pipeline route;
- a project map of North Dakota counties crossed;
- a county overview maps (Nelson and Grand Forks counties); and
- a shapefile of a 2-mile-wide study area and proposed centerline associated with the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

Project Enclosures: Project, State, and County (Nelson and Grand Forks) Overview Maps  
Shapefile of 2-mile-wide Sandpiper Study Area and Centerline

cc: Paul Hartzheim, Merjent



September 23, 2013

Sarah Braaten  
Red River Regional Council  
Chase Building  
516 Cooper Avenue, Suite 101  
Grafton, ND 58237

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding Red River Riparian Project

Dear Ms. Braaten,

Enbridge Pipelines (North Dakota) LLC ("Enbridge") is proposing to build a new pipeline called the Sandpiper Pipeline Project ("Sandpiper") that will begin at Enbridge's Beaver Lodge station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

Enbridge recently contacted the North Dakota Department of Health ("NDDH") regarding Impaired Waters near the project and NDDH directed us to contact you regarding the Nonpoint Source Pollution Red River Riparian Project. Based on maps provided by the NDDH, it appears that the Sandpiper study area may cross the Red River Riparian watershed project in Grand Forks County. To assist us in the environmental review and planning of our project, we are interested in obtaining information on the watershed project.

We expect construction to start on the permitted route by fourth quarter of 2014 and end in first quarter of 2016, depending on regulatory approvals and final construction planning. Enbridge has contracted with Merjent, Inc. ("Merjent") to assist with environmental review and permitting on Sandpiper,

To facilitate our environmental review, we are respectfully requesting the following information be provided:

- GIS shapefile (if possible) displaying the boundaries of the Red River Riparian Project area;
- location(s) of any completed or planned restoration projects in the vicinity of the Sandpiper route;
- any special requirements, restrictions, or specifications regarding constructing pipelines across the Red River Riparian Project area; and
- any additional information you deem relevant to Sandpiper.

To assist in your review of this request, we have enclosed the following information:

- a project map of the proposed pipeline route;
- a project map of North Dakota counties crossed;

- a county overview map (Grand Forks County); and
- a shapefile of a 2-mile-wide study area and proposed centerline associated with the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

Project Enclosures: Project, State, and County (Grand Forks) Overview Maps  
Shapefile of 2-mile-wide Sandpiper Study Area and Centerline

cc: Paul Hartzheim, Merjent

**Claire Cunningham**

---

**From:** Claire Cunningham  
**Sent:** Friday, April 05, 2013 1:59 PM  
**To:** 'mhaupt@nd.gov'  
**Subject:** FW: PROPOSED ENBRIDGE SAND PIPER PIPELINE PROJECT

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**From:** Claire Cunningham  
**Sent:** Friday, April 05, 2013 1:56 PM  
**To:** 'mhaupt@nd.gov'  
**Subject:** PROPOSED ENBRIDGE SAND PIPER PIPELINE PROJECT

Hello again Mike,  
Thank you for the conversation and all the information.

**To recap:**

My name is Claire Cunningham and I am the contract permitting agent on the Enbridge proposed Sand Piper pipeline, a 560 mile line that will bring No Dakota crude oil from the Beaver Lodge Station to a terminal in Superior, Wi. The purpose of my call was to define the requirements for survey permissions from the North Dakota Land Trust. It appears that the proposed pipeline will cross 5 school land sections in Williams and Mountrail Counties. I understand your Department wants to be involved in the routing process and the process begins with the application that requires a list of the proposed tracts and information on survey sub-contractors. I am lacking some information to complete your application: not all subs have been brought on board and 30 year title is just being pulled. I will also contact Trevor Seely, the Enbridge agent you have been working with.

Thank you again for your time and assistance.  
Claire Cunningham

**THANKS**

Claire Cunningham  
Senior Permitting Agent  
Authorized Agent Enbridge Pipelines (North Dakota) LLC  
3001 South Columbia Road, Suite E  
Grand Forks, ND 58201  
Cell 802-989-2489-C  
[Claire.cunningham@contractlandstaff.com](mailto:Claire.cunningham@contractlandstaff.com)

**Enbridge Pipelines (North Dakota) LLC** - Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 9, 2013

Patrice Hess  
North Dakota State Water Commission  
900 East Boulevard Avenue, Dept. 770  
Bismarck, ND 58505-0850

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding North Dakota sovereign lands

Dear Ms. Hess,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request recommendations for permitting and resource/program and agency contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. The following items are enclosed to assist in your review of this request:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed; and
- a shapefile of a 2-mile-wide study area (on disc).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding state sovereign lands and potential permit requirements. Based on a desktop review of publicly available information, the Red River of the North is the only state sovereign land crossed by the project. Enbridge is currently evaluating its pipeline construction crossing methods for the Red River of the North. Among the crossing methods being considered is the Horizontal Directional Drill method, which would avoid direct impacts within the ordinary high water mark of the river.

To facilitate our environmental review, we are requesting the following information for state sovereign lands within the 2-mile-wide study area associated with the project:

- confirmation that the Red River of the North is the only state sovereign land located within the 2-mile-wide study area associated with the project;
- location(s) of existing permitted structures on the Red River of the North;
- any special requirements, restrictions, or specifications regarding constructing pipelines across state sovereign lands; and
- recommendations for streamlining the permitting process through your office, including identifying any supplemental materials that are not required on the application but that are helpful to your office for processing the permit, and a summary of the permitting steps and timeframes following permit submittal.

If additional state sovereign lands other than the Red River of the North are crossed by the project, please indicate the name of the waterbody and approximate location of the crossing in your response. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

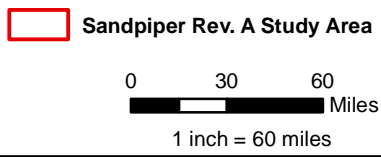
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

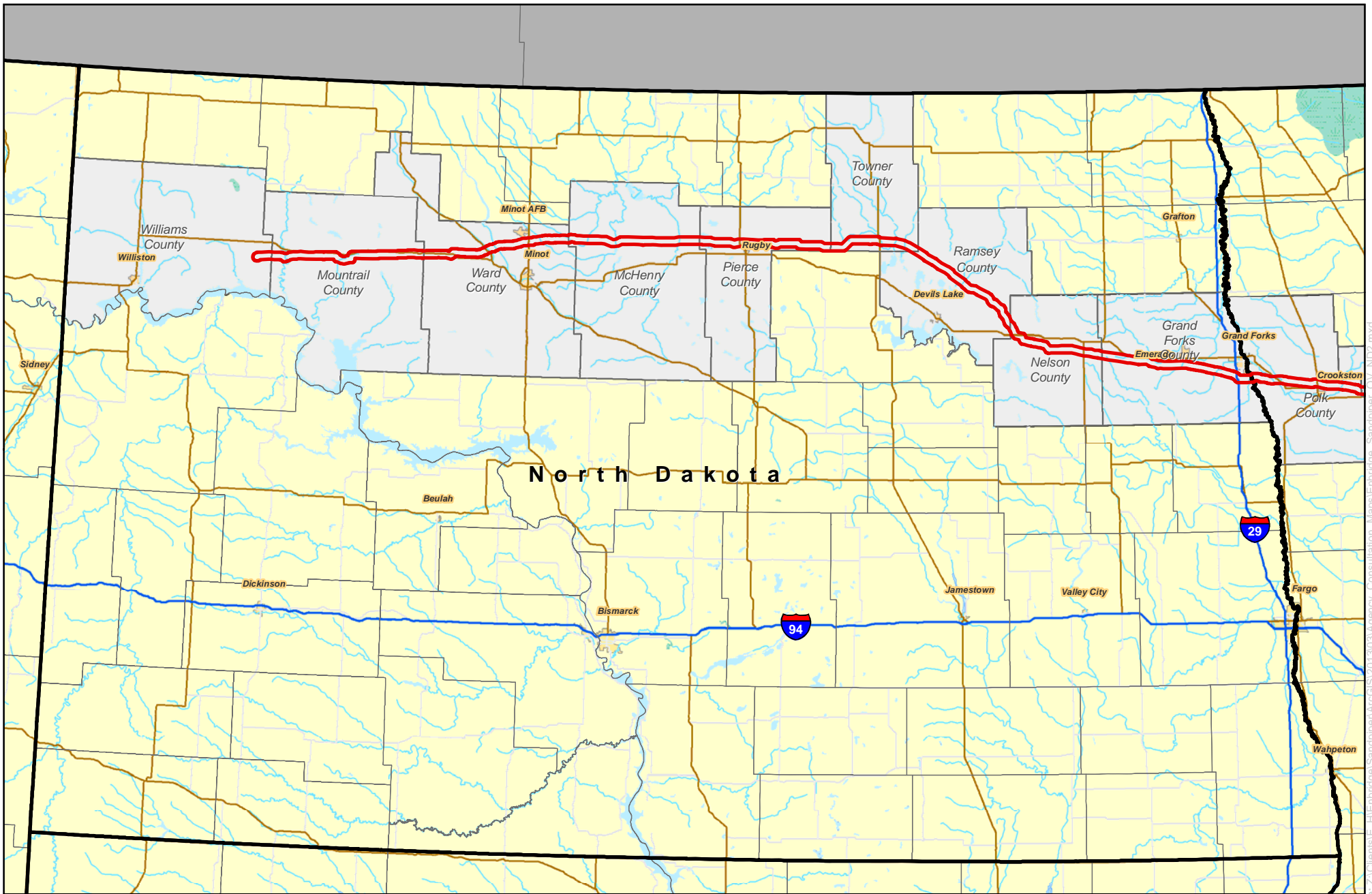
Project Enclosures: Project and State overview maps  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

0 18 36  
 Miles

1 inch = 36 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





September 24, 2013

Bruce Engelhardt  
Water Development Division Director  
North Dakota State Water Commission  
900 E. Boulevard Avenue  
Bismarck, ND 58505-0850

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding NAWS and WAWS corridor intersection

Dear Mr. Engelhardt,

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline called the Sandpiper Pipeline Project (“Sandpiper”) that will begin at Enbridge’s Beaver Lodge station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

To better assist us in the environmental review and planning of our project, we are interested in obtaining information regarding the North Dakota State Water Commission’s (“NDSWC”) Northwest Area Water Supply (“NAWS”) and Western Area Water Supply (“WAWS”) projects in the vicinity of Sandpiper.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks counties. The following items are enclosed to assist in your review of this request in respective counties that the NAWS and WAWS projects are or will be implemented:

- project-wide map;
- project map of North Dakota counties crossed;
- county overview maps (Williams, Mountrail, Ward, McHenry, and Pierce) in the vicinity of NAWS/WAWS; and
- a shapefile of a 2-mile-wide study area and proposed centerline associated with the project (on CD-ROM).

Based on a review of NDSWC website<sup>1</sup> maps, it appears that Sandpiper may cross constructed and operational NAWS water supply pipelines in two locations—near the cities of Berthold and Minot. It is also possible that constructed or planned pipelines associated with the WAWS project in Williams and Mountrail counties may exist within the study corridor. Please verify the location(s) of any intersections of Sandpiper with either NAWS or WAWS. We respectfully request that your office provide a GIS shapefile of the NAWS and WAWS projects (if possible) to assist in locating potential crossings. If a shapefile is not available, please provide

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<sup>1</sup> <http://www.swc.state.nd.us/4dlink9/4dcqi/GetContentPDF/PB-214/A%20NAWS.pdf>

geographic coordinates (e.g., latitude/longitude), Public Land Survey System sections, or a map marked with the location(s) of NAWS and/or WAWS projects that Sandpiper may encounter. If NDSWC has any special management plans, permitting, or conditions for crossing NAWS or WAWS, or has any specific concerns regarding this project, please provide that information with your response.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

Project Enclosures: Project, State, and County Overview Maps  
Shapefile of 2-mile-wide Sandpiper Study Area and Centerline

cc: Paul Hartzheim, Merjent



 Sandpiper Rev. C Study Area

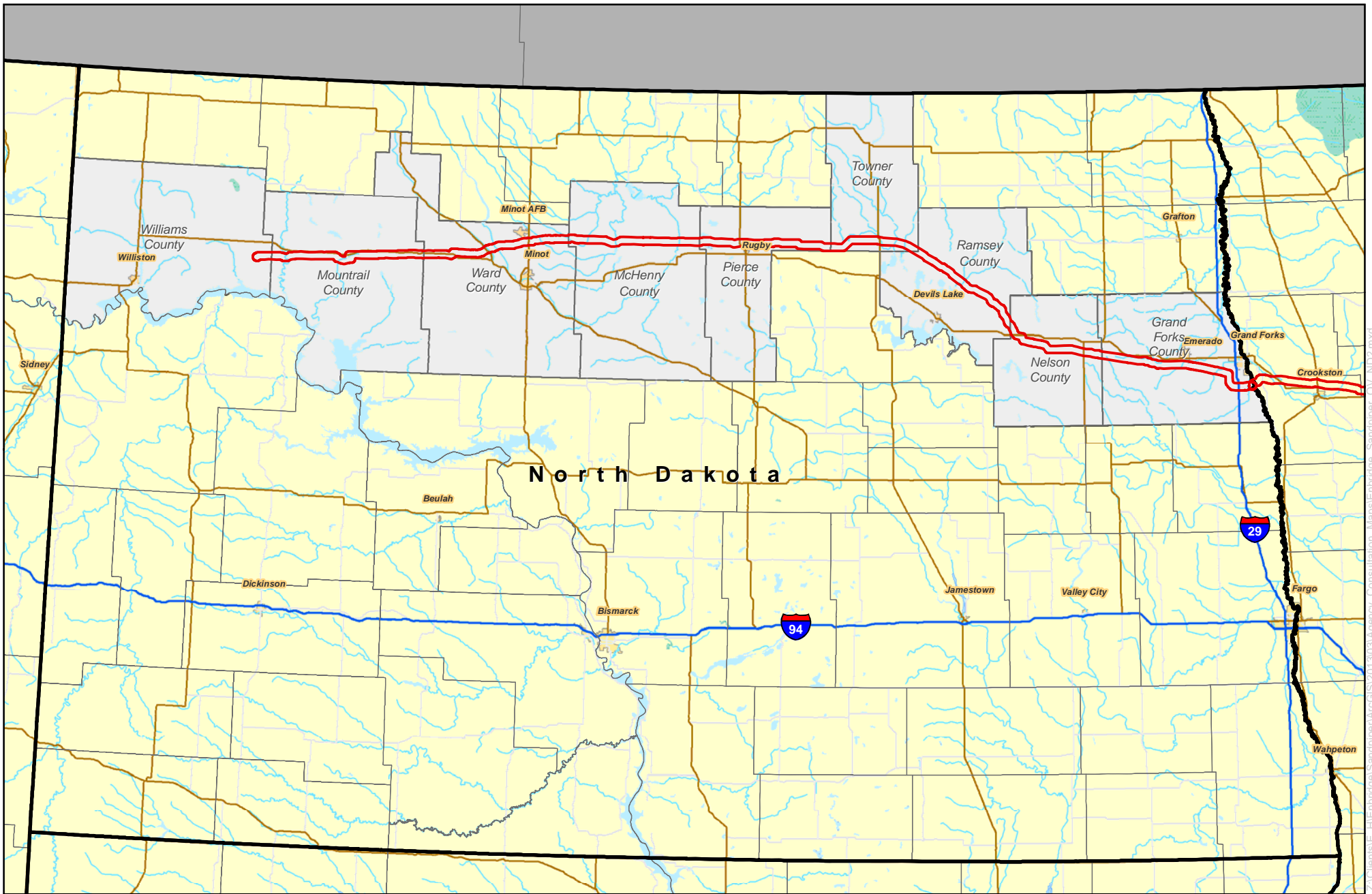
0 30 60  
Miles

1 inch = 60 miles




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. C Study Area

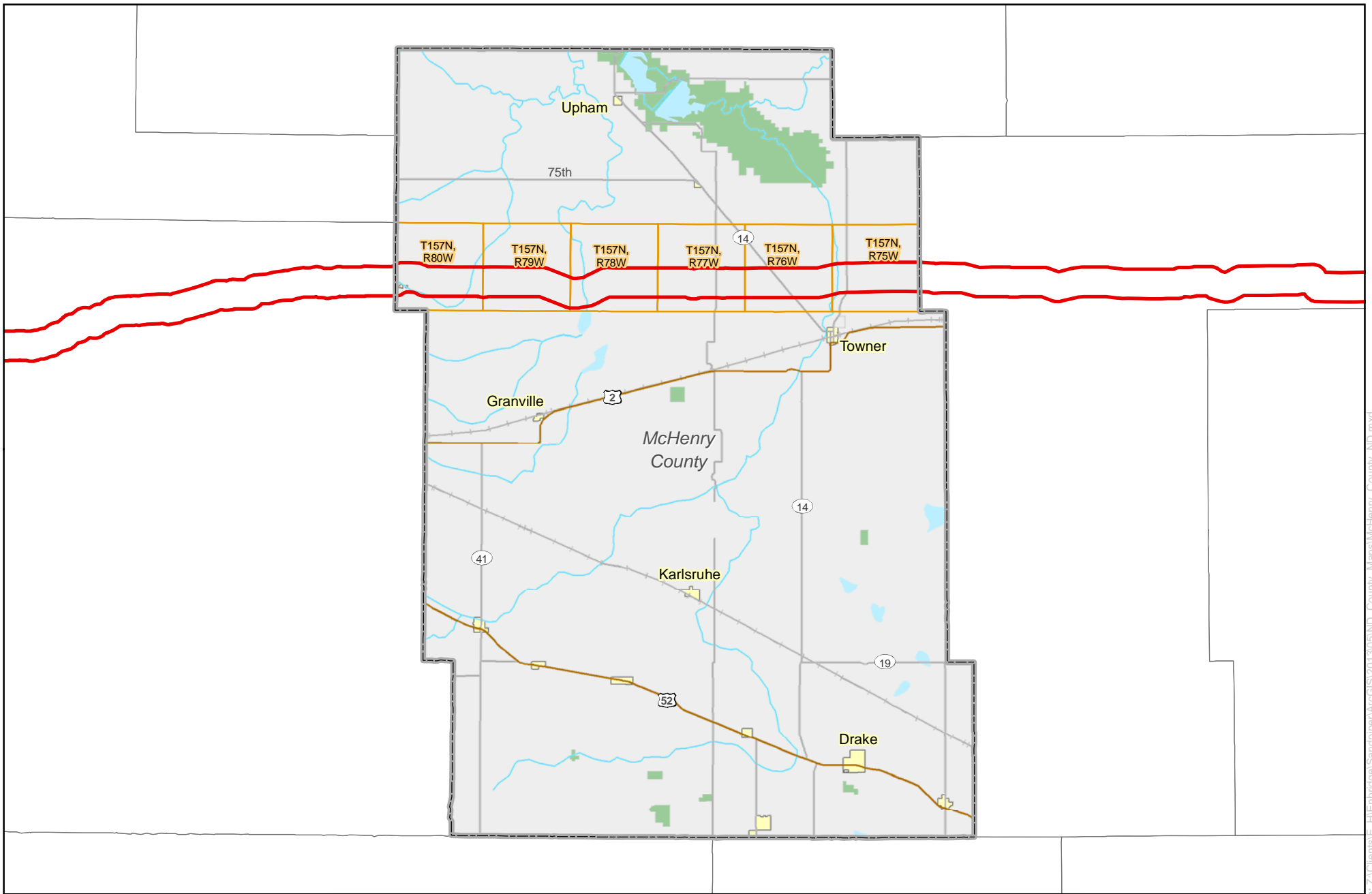
0 18 36  
 Miles

1 inch = 36 miles

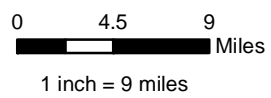


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

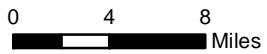


## Enbridge Pipelines (North Dakota) LLC Sandpiper Pipeline Project County Overview Map





 Sandpiper Rev. A Study Area

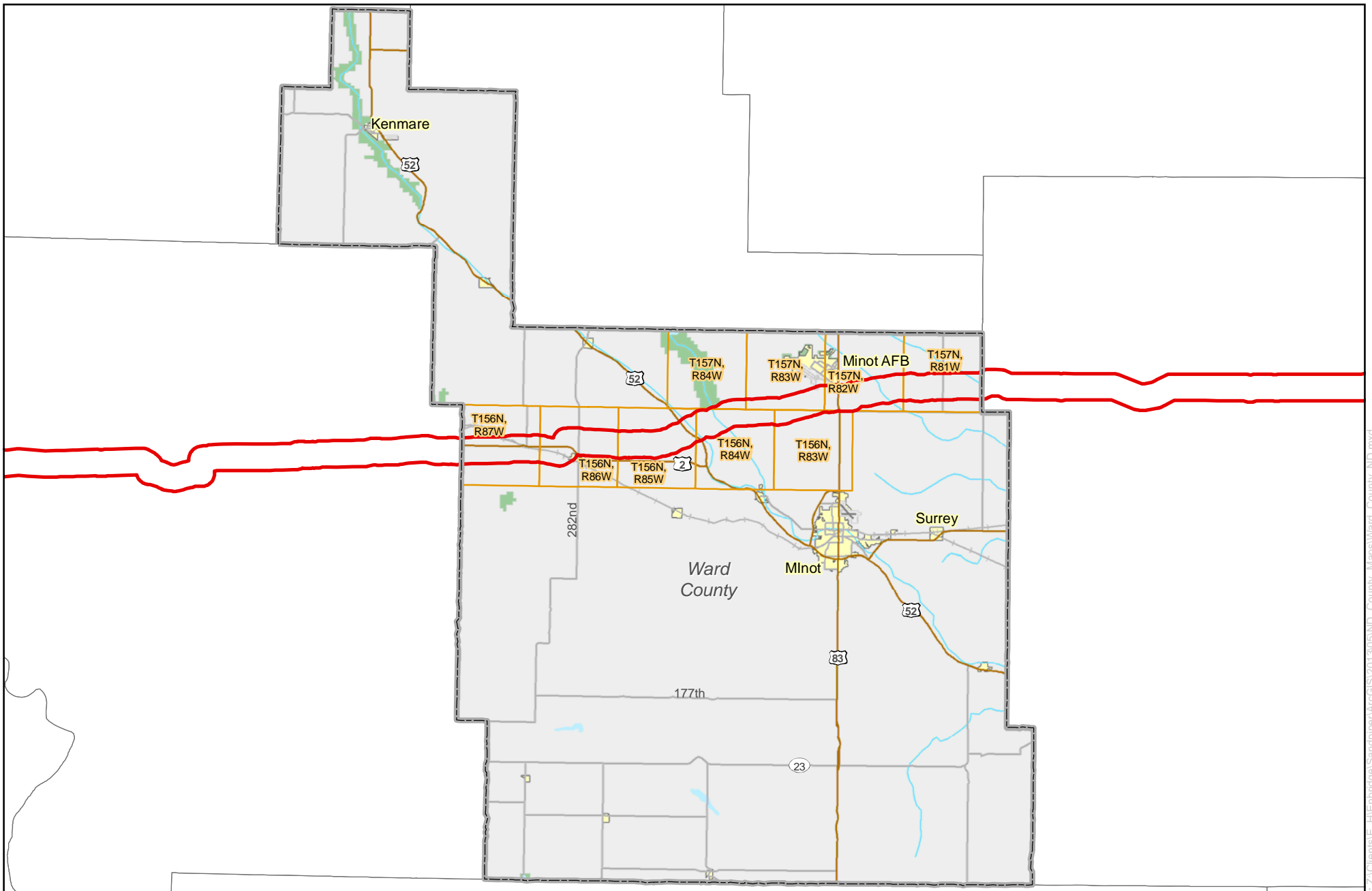


1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**





 Sandpiper Rev. A Study Area

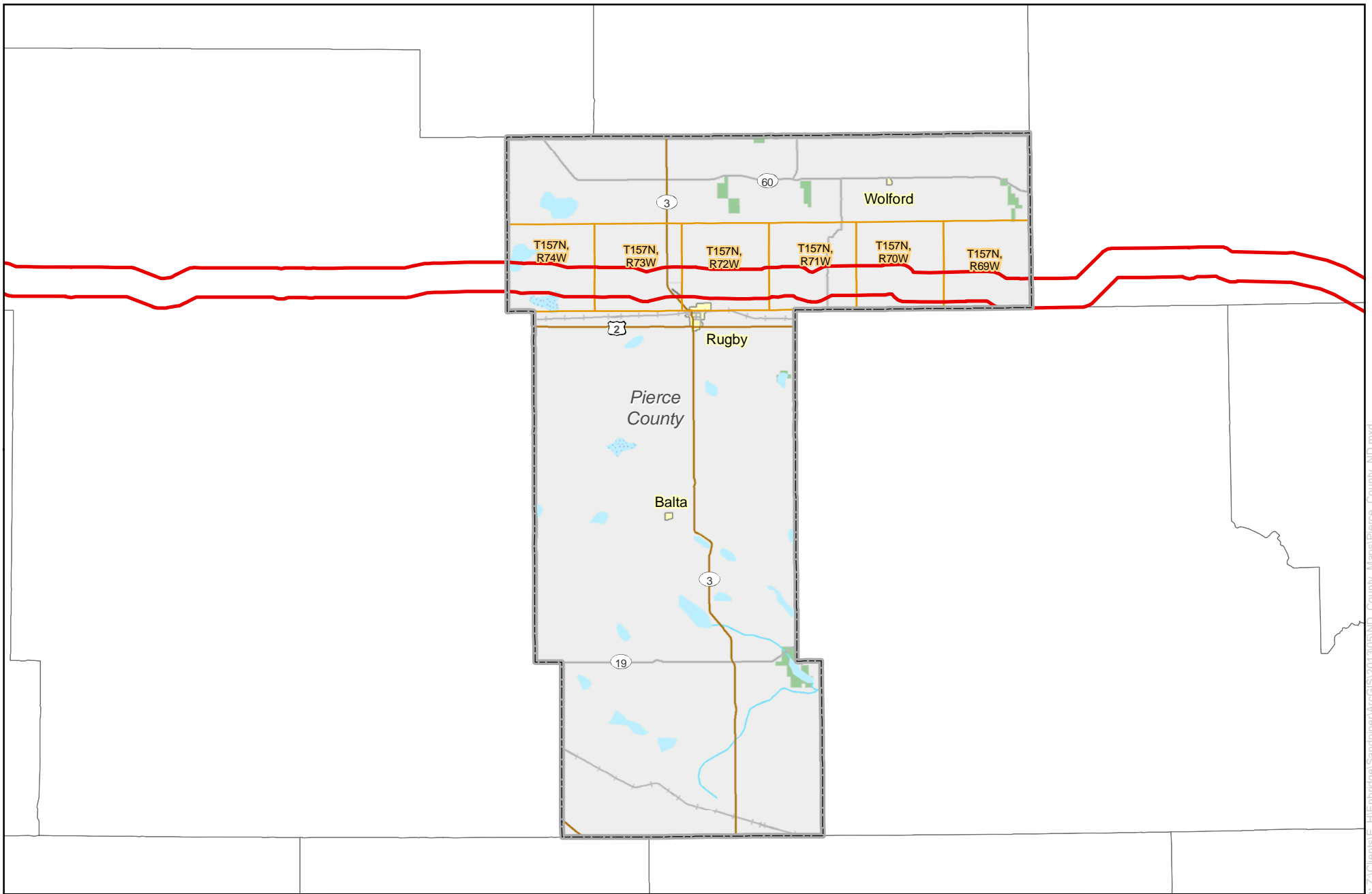
0 5 10  
Miles

1 inch = 10 miles

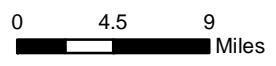


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map





 Sandpiper Rev. A Study Area

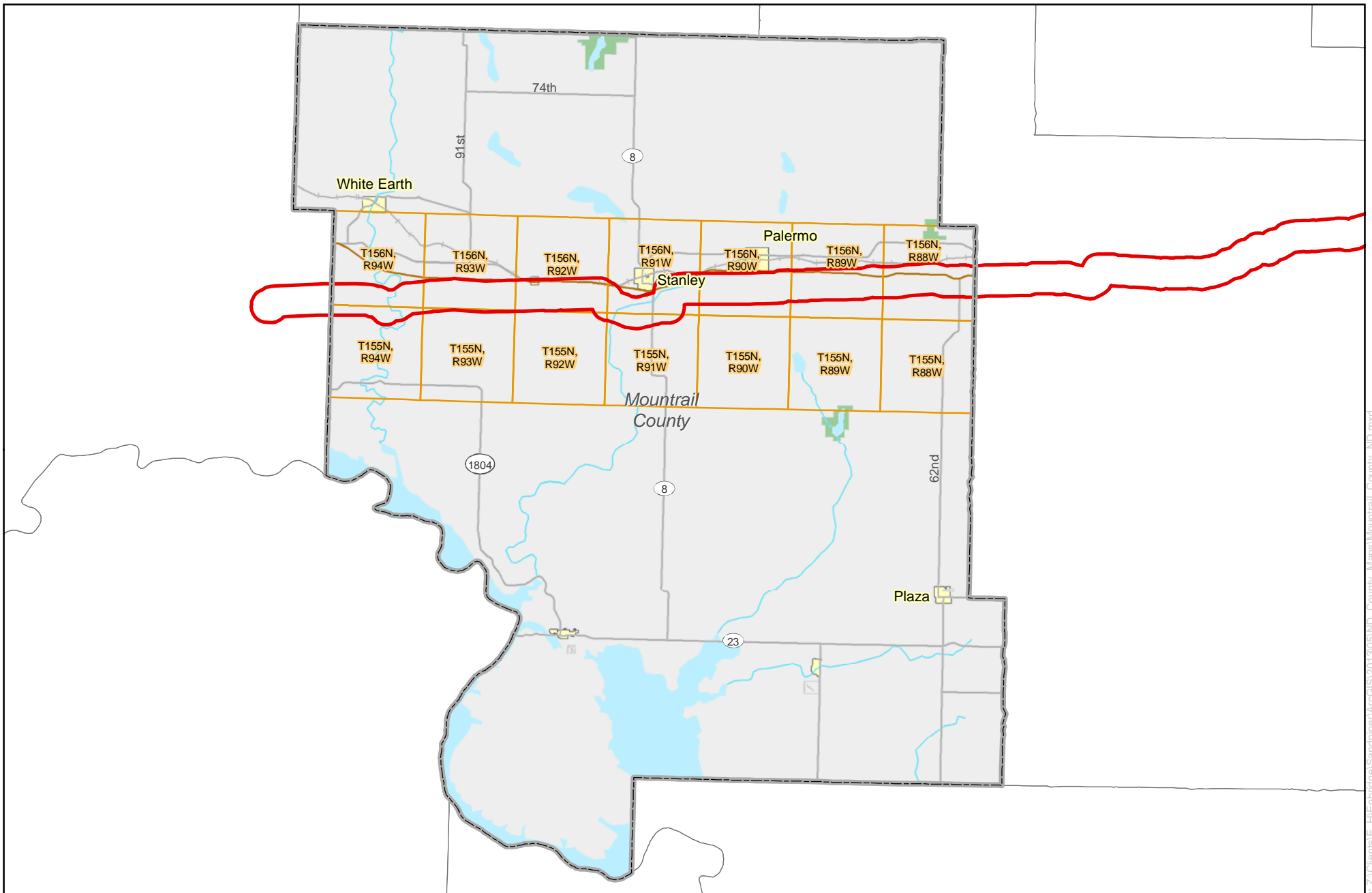


1 inch = 9 miles




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**





 Sandpiper Rev. A Study Area

0 4.25 8.5  
 Miles

1 inch = 8.5 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**





Farm and Foreign  
Agricultural  
Services

Farm  
Service  
Agency

North Dakota State Office  
1025 28<sup>th</sup> St S  
Fargo, ND 58103

May 13, 2013

Control Number: 38-000-2013-000005

Gayle M Konik  
Manager, Environment  
Enbridge Pipelines (North Dakota) LLC  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880

Dear Ms. Konik:

This responds to your Freedom of Information Act (FOIA) request (copy attached) dated April 22, 2013, control number 27-000-2013-00015. This also responds to your FOIA requests sent to our counties of Williams, Mountrail, Ward, McHenry Pierce, Towner, Ramsey, Nelson, and Grand Forks in North Dakota.

In response to your request, we located 10 North Dakota County CRP layer shapefiles. With respect to these files we are withholding all files in full, pursuant to 5 U.S.C. § 552 (b)(3) of the FOIA. Exemption 3 protects information included in FSA's records specifically exempted from disclosure by another Federal Statute.

In this instance, Section 1619(b) of the Food, Conservation and Energy Act of 2008 prohibits disclosure of the information contained in any type of USDA geospatial information system (GIS) with producer- provided information about agricultural land or operations.

The records you have requested include information that FSA has obtained from agricultural producers or landowners that concern their farming or agricultural operation- including farming practices, conservation practices, or the land itself. This information is required to be provided to FSA in order for the agricultural producers and landowners shown on these records to participate in FSA's farm programs.

Farm Service Agency does not maintain GIS shapefile layer for the information requested below. Therefore, we have found no records responsive to your request for GIS shapefiles for the UTM location of the center point of the parcel for the following lands:

- Subject to Debt for Nature Contracts and Easements
- subject to FSA (formerly FmHA) mortgages
- subject to restrictive easements to protect resources such as wetlands and threatened or endangered species
- Known locations of noxious and/or invasive weed species along the proposed route or



- Identification of any lands/easements that may be enrolled in programs not described above.

If you believe our decision to withhold this information is incorrect, you may appeal it within forty-five (45) days of receipt of this letter. In so doing, please provide us with a brief explanation of why you believe this decision is in error. Please include a copy of your initial request letter in your appeal package, and clearly mark both your letter and its envelope with the words "Freedom of Information Act Appeal." Mail your appeal package to the following address:

Administrator  
ATTN: Appeals and Litigation Staff  
USDA FSA  
1400 Independence Avenue, SW RM 5971-S  
Stop Code 0570  
Washington, D.C. 20250-0570

Sincerely,



*Folk* Aaron Krauter  
State Executive Director  
North Dakota State FSA Office

Attachment



Enbridge Pipelines (North Dakota) LLC - Gayle Konik, Manager, Environment  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)



May 14, 2013

Mr. Lowell Hassler, NRS  
Bureau of Land Management, Lewistown Field Office  
920 NE Main  
Lewistown, MT 59457

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Notification of Southern Route

Dear Mr. Hassler,

As discussed during our call on April 16, 2013, Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. The Sandpiper Pipeline Project (Sandpiper) will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

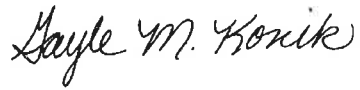
We believe that early and frequent communication with regulatory agencies is important to the successful planning of a project, especially one of this size and scope. In particular, we believe that communication about environmental issues is essential to effectively addressing concerns early on. We understand that it is necessary to have an established lead federal agency in order to fully engage with you regarding our project. Despite the absence of a lead federal agency at this time, we are committed to keeping you informed.

Toward that end, the purpose of this letter is to let you know that we have developed a southern route in Minnesota in addition to the northern route described during a previous call. The southern route would extend from Clearbrook, Minnesota to a point near the Minnesota-Wisconsin border through Clearwater, Hubbard, Cass, Crow Wing, Aitkin, and Carlton counties. At this time, the Sandpiper Pipeline Project may follow either route. Thus, we will begin the survey and information gathering process soon for both routes. A project map of Minnesota counties crossed by the southern route and shapefiles of our 2-mile-wide study areas are enclosed.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

If you have any questions or need further information, please contact Gayle Konik at Enbridge (715-398-4559; [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or John Muehlhausen at Merjent (612-746-3661; [jmuehlhausen@merjent.com](mailto:jmuehlhausen@merjent.com)). Thank you for your assistance.

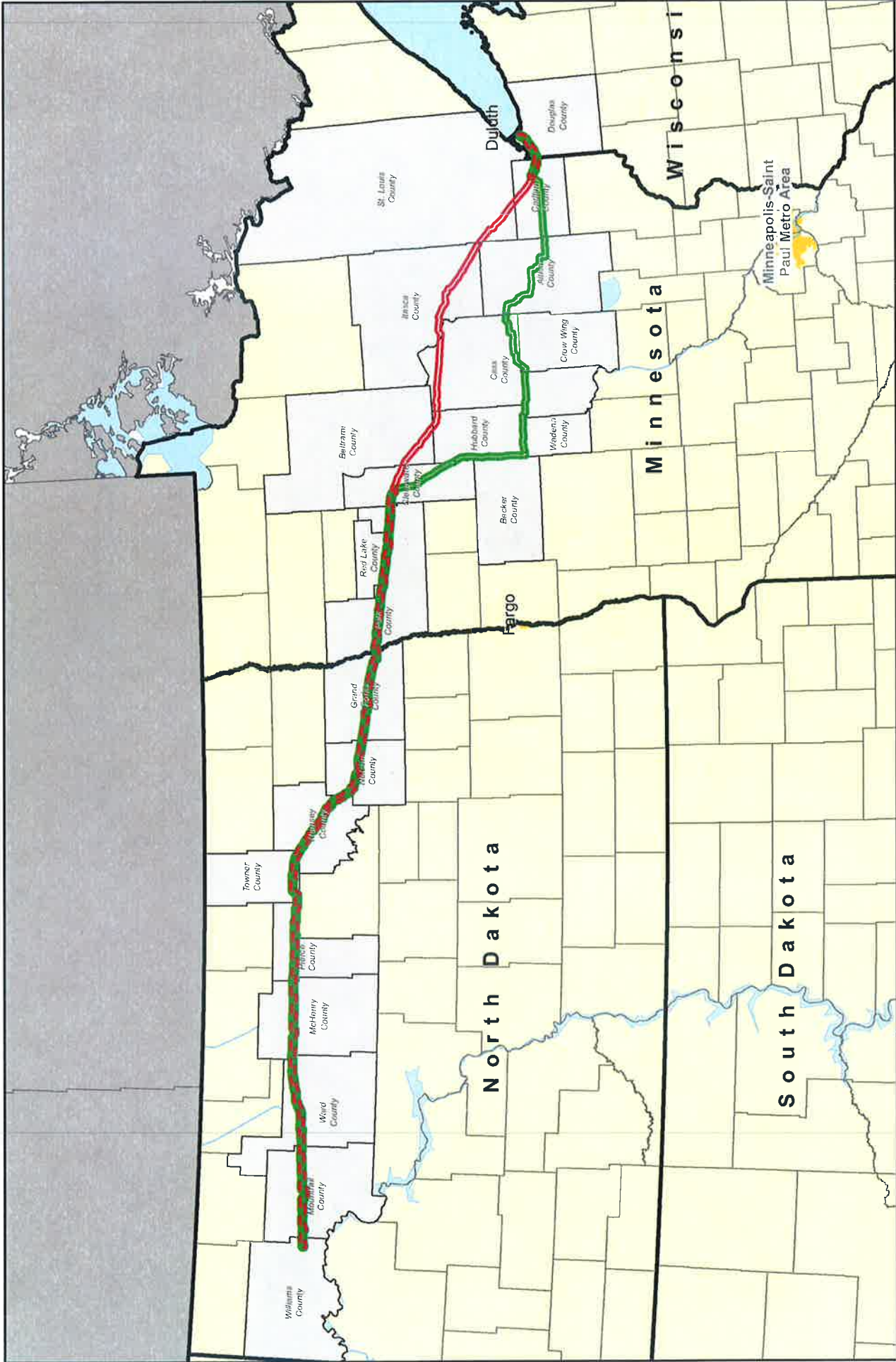
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project-wide Map  
Project Map of Minnesota Counties – both routes  
Shapefiles of the 2-mile-wide Study Area (divided into the following segments)

1. Beaver Lodge to Clearbrook
2. Clearbrook to Superior – Northern Route
3. Clearbrook to Superior – Southern Route



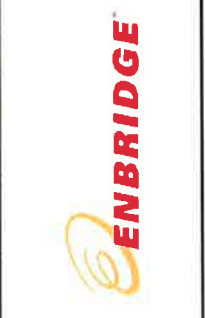
Sandpiper Rev. A Study Area  
 Northern Route Rev. A Study Area  
 Southern Route Rev. A Study Area

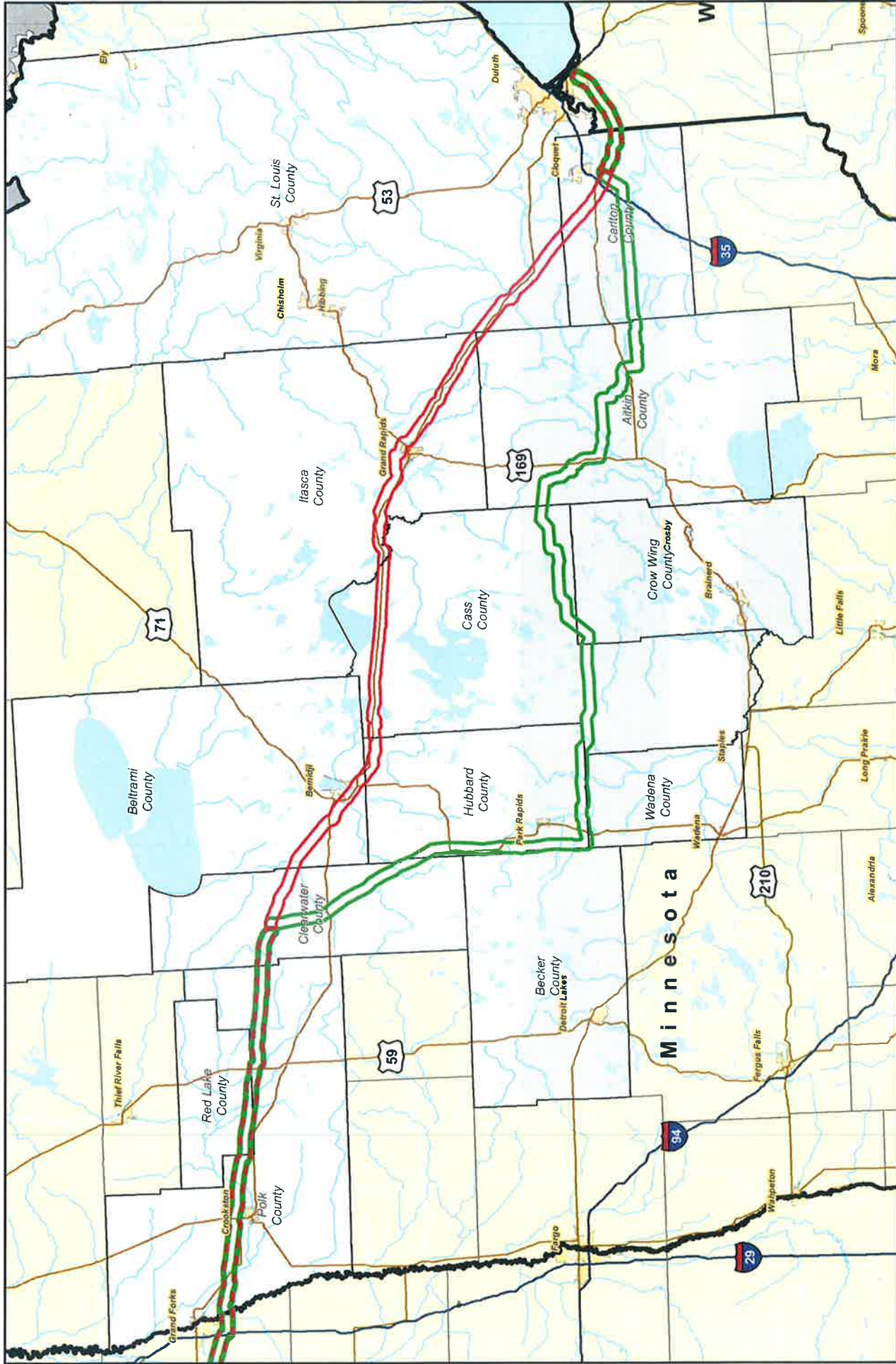
1 inch = 60 miles
   
 0 30 60 Miles




## Enbridge Pipelines (North Dakota) LLC



### Sandpiper Pipeline Project

Project Location Map





 Sandpiper Rev. A Study Area  
 Northern Route Rev. A Study Area  
 Southern Route Rev. A Study Area

 N  
 0 12.5 25 Miles  
 1 inch = 25 miles

**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Minnesota Project Location Map**



**From:** [Gayle Konik](#)  
**To:** [Angela M. Ronayne](#); [Bill J. Regan](#); [John W. Muehlhausen](#); "[sara ploetz@merjent.com](#)"  
**Subject:** Fw: Sandpiper Pipeline Alignment Solicitation of Comments - 15 August 2013  
**Date:** Tuesday, August 20, 2013 11:26:38 AM

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**From:** McPhillips, Kelly [mailto:kmcphillips@usbr.gov]  
**Sent:** Tuesday, August 20, 2013 10:54 AM  
**To:** Gayle Konik  
**Cc:** Arden Freitag <afreitag@usbr.gov>; Richard Long <rlong@usbr.gov>; Danielle (Dani) Fettig <dfettig@usbr.gov>  
**Subject:** Sandpiper Pipeline Alignment Solicitation of Comments - 15 August 2013

Gayle Konik,

I am responding on behalf of Richard L. Long, Area Manager, Dakotas Area Office, Bureau of Reclamation, Bismarck, North Dakota

Bureau of Reclamation staff have received your scoping notice for the Sandpiper Pipeline and reviewed your maps regarding the pipeline alignment. As stated in your letter and based on your approved pipeline alignment your project lies well north of Reclamation's closest facility, the Fort Berthold Rural Water System on the Fort Berthold Indian Reservation. It avoids Reclamation projects, facilities, and project lands.

However, be advised that the alignment depicted does traverse through the service area of State's, Northwest Area Water Supply (NAWS) project being constructed by State Water Commission.

Should you have additional environmental questions or should your project substantially change, please feel free to contact me as below.

Regards - Kelly

--

*Mr. Kelly B. McPhillips*

**Envr. Spcl.**

**Bureau of Reclamation**

**Dakotas Area Office**

**PO Box 1017**

**Bismarck ND 58502**

**701-221-1287**

[kmcphillips@usbr.gov](mailto:kmcphillips@usbr.gov)

Enbridge Pipelines (North Dakota) LLC  
 North Dakota PSC Application  
 October 2013  
 Docket No. PU-13-187



<b>EXHIBIT H.12</b>		
<b>Sandpiper Pipeline Project Agency Consultation Correspondence</b>		
<b>North Dakota County Water Resource Boards (WRB)</b>		
<b>North Dakota Counties</b>	<b>Date of Initial Consultation Correspondence</b>	<b>Date of County's Reply Correspondence</b>
<b>Williams</b>	07-01-2013	07-03-2013
<b>Mountrail</b>	07-01-2013	No Response
<b>Ward</b>	07-01-2013	No Response
<b>McHenry</b>	07-01-2013	No Response
<b>Pierce</b>	07-01-2013	No Response
<b>Towner</b>	07-01-2013	No Response
<b>Ramsey</b>	07-01-2013	No Response
<b>Nelson</b>	07-01-2013	No Response
<b>Grand Forks</b>	07-01-2013	09-09-2013



**GRAND FORKS COUNTY WATER RESOURCE  
DISTRICT**

**P. O. BOX 5757 - GRAND FORKS, ND 58206-5757**

Phone (701) 780-8312 FAX (701) 787-8146

WATER MANAGERS

September 9, 2013

DAVID MIDDLETON  
2146 29<sup>TH</sup> AVENUE NE  
MANVEL, ND 58256

DARRELL NOTTESTAD  
2110 WESTWARD DRIVE  
GRAND FORKS, ND 58201

GORDON THOMPSON  
691 9<sup>TH</sup> STREET NE  
THOMPSON, ND 58278

KEN FARRELL  
1693 36<sup>TH</sup> ST. NE  
LARIMORE, ND 58251

RICHARD AXVIG  
3905 SIMONVIEW CT  
GRAND FORKS, ND 58201

Sara Ploetz, Environmental Analyst II  
ENBRIDGE PIPELINES  
1409 Hammond Avenue, Second Floor  
Superior, WI 54880

Subject: County-level Drain Information

SECRETARY-TREASURER

PAM AAKER  
1637 15<sup>TH</sup> AVE NE  
GRAND FORKS, ND 58201

Dear Ms. Ploetz:

Enclosed please find your detailed county-level maps where I have provided locations of Legal Drains, Dams and Channels in Grand Forks County.

ATTORNEY

DAN GAUSTAD  
P.O. BOX 5758  
GRAND FORKS, ND 58206

Sincerely,

ENGINEER

JERRY PRIBULA  
208 3<sup>RD</sup> AVE NE  
EAST GRAND FORKS, MN 56721

  
Richard Axvig, Chairman

RA:pa  
Encls.





August 13, 2013

PLEASE REMOVE FLAGS

Richard Axvig, Chairman  
Grand Forks County Water Resource Board  
P.O. Box 5757  
Grand Forks, ND 58206

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Clarification Regarding County-level Drain Information Request

Dear Mr. Axvig,

Per your request, I am providing you with more detailed, county-level maps for Enbridge Pipelines (North Dakota) LLC's ("Enbridge") Sandpiper Pipeline Project. As stated in my earlier letter, I would appreciate receiving the following information specific to Grand Forks County:

- Locations of county-regulated drains, ditches, and/or other drainage features; ✓
- Special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features; *3ft Below bottom of ditch*
- Local ordinances or regulations related to drainage; and
- Permits issued through your office which may be applicable to the project, as well as a summary of the permitting process and anticipated timeframes. *Written permits when crossing DRAINAGE CHANNELS by location or NAME*

I understand that your office can provide the locations of county-regulated drainage features marked on a hard copy map. Please use the aerial and topographic maps attached to this letter to assist you with this task. Also, please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; [Sara.Ploetz@enbridge.com](mailto:Sara.Ploetz@enbridge.com)) or Paul Hartzheim at Merjent (612-746-1618; [phartzheim@merjent.com](mailto:phartzheim@merjent.com)). Thank you for your assistance.

Sincerely,

A handwritten signature in cursive script that reads 'Sara Ploetz'.

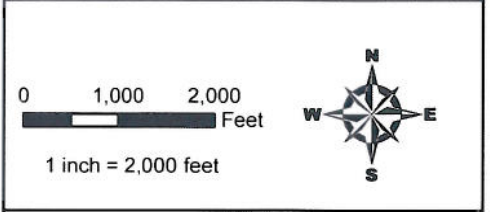
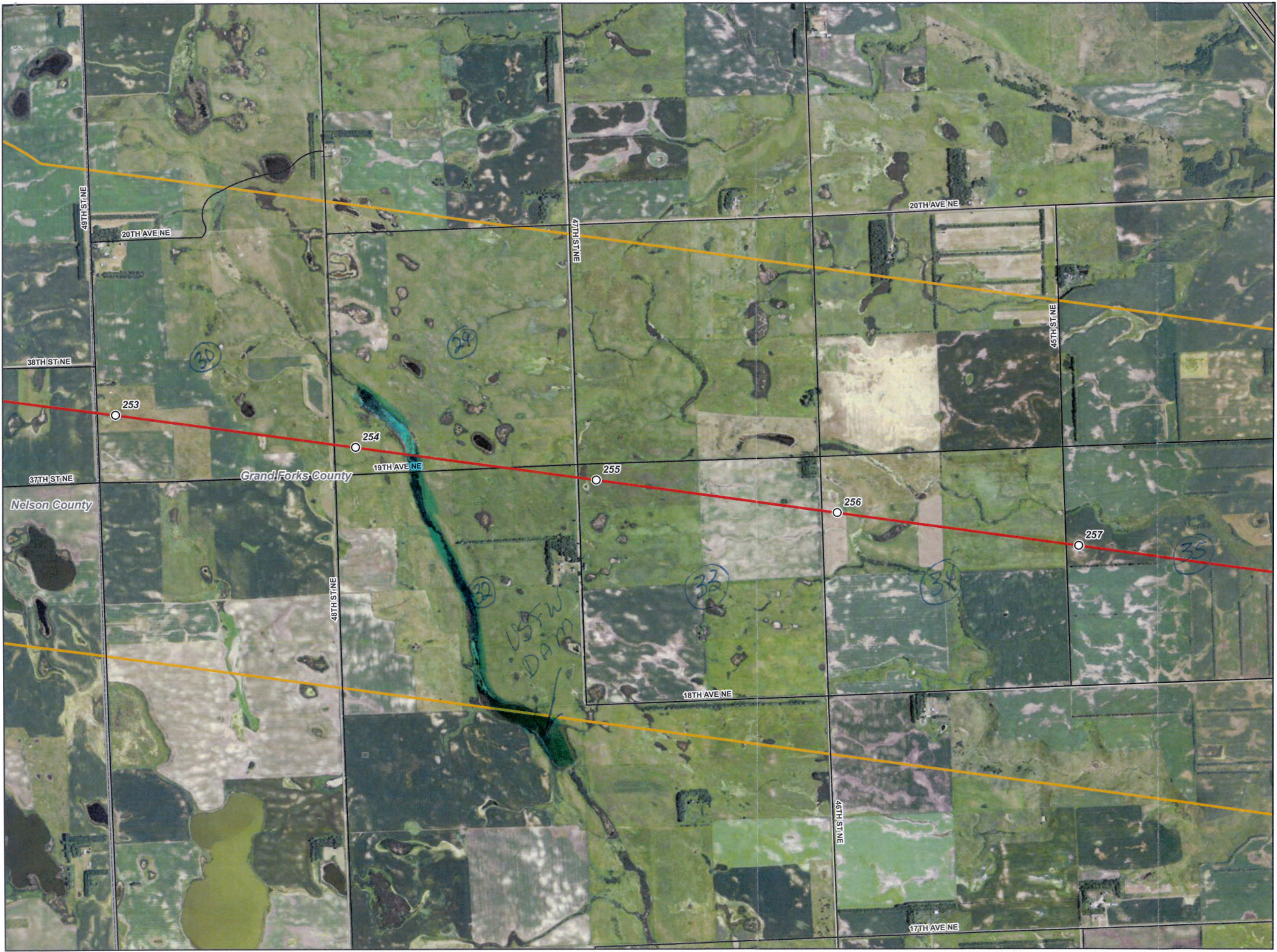
Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

Project Enclosures: Detailed project route mapset for Grand Forks County

cc: Paul Hartzheim, Merjent

**Aerial Route Maps  
Grand Forks County, North Dakota**

**Topographic Route Maps  
Grand Forks County, North Dakota**

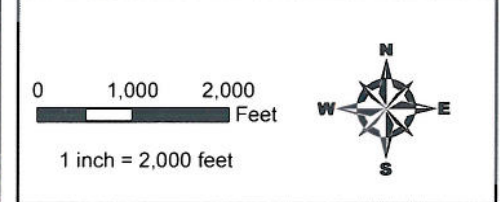
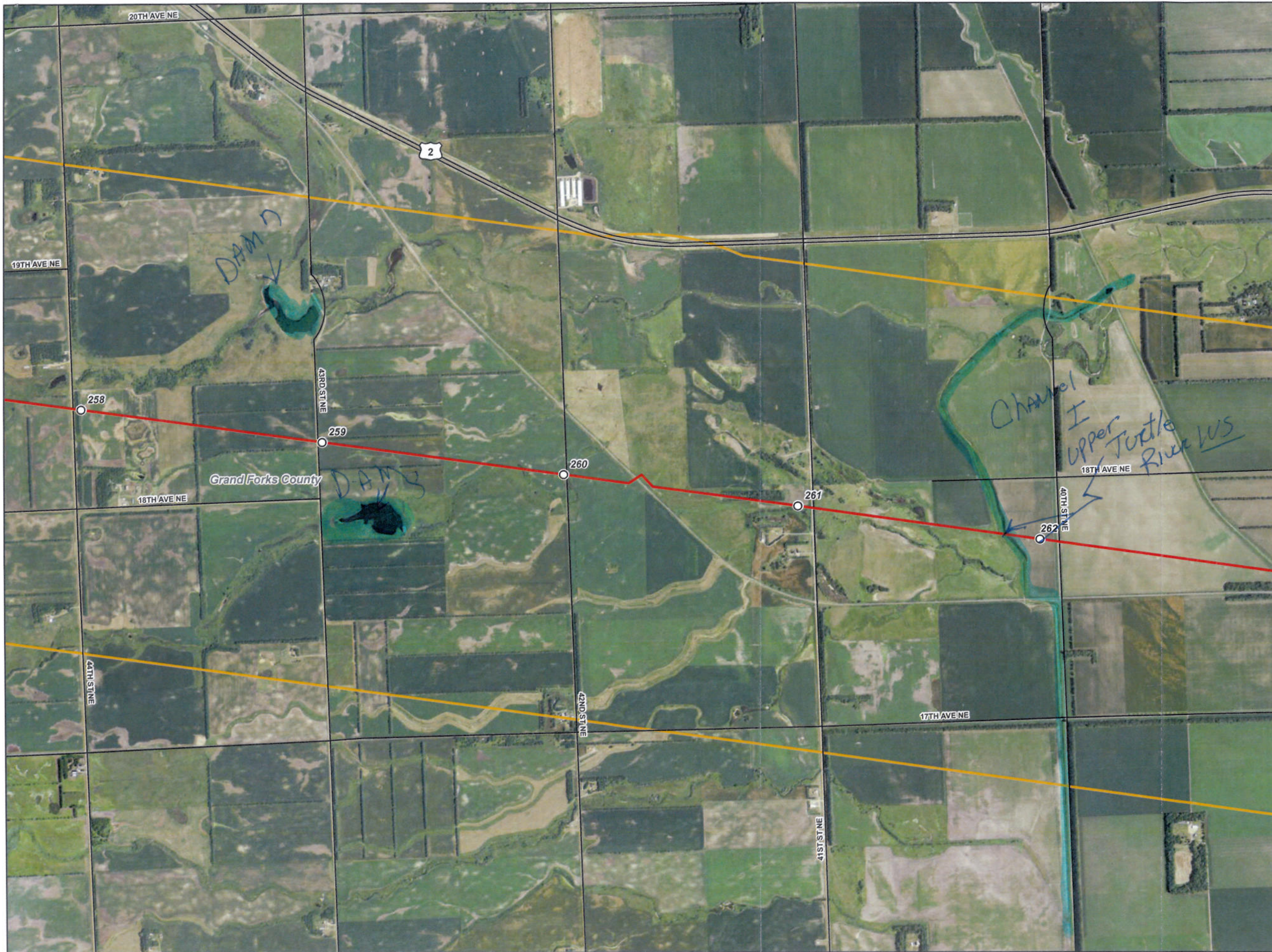


- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

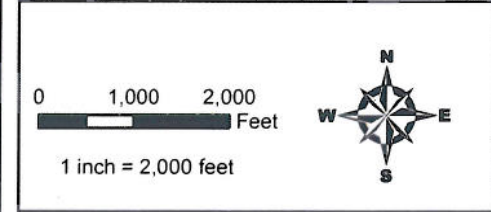
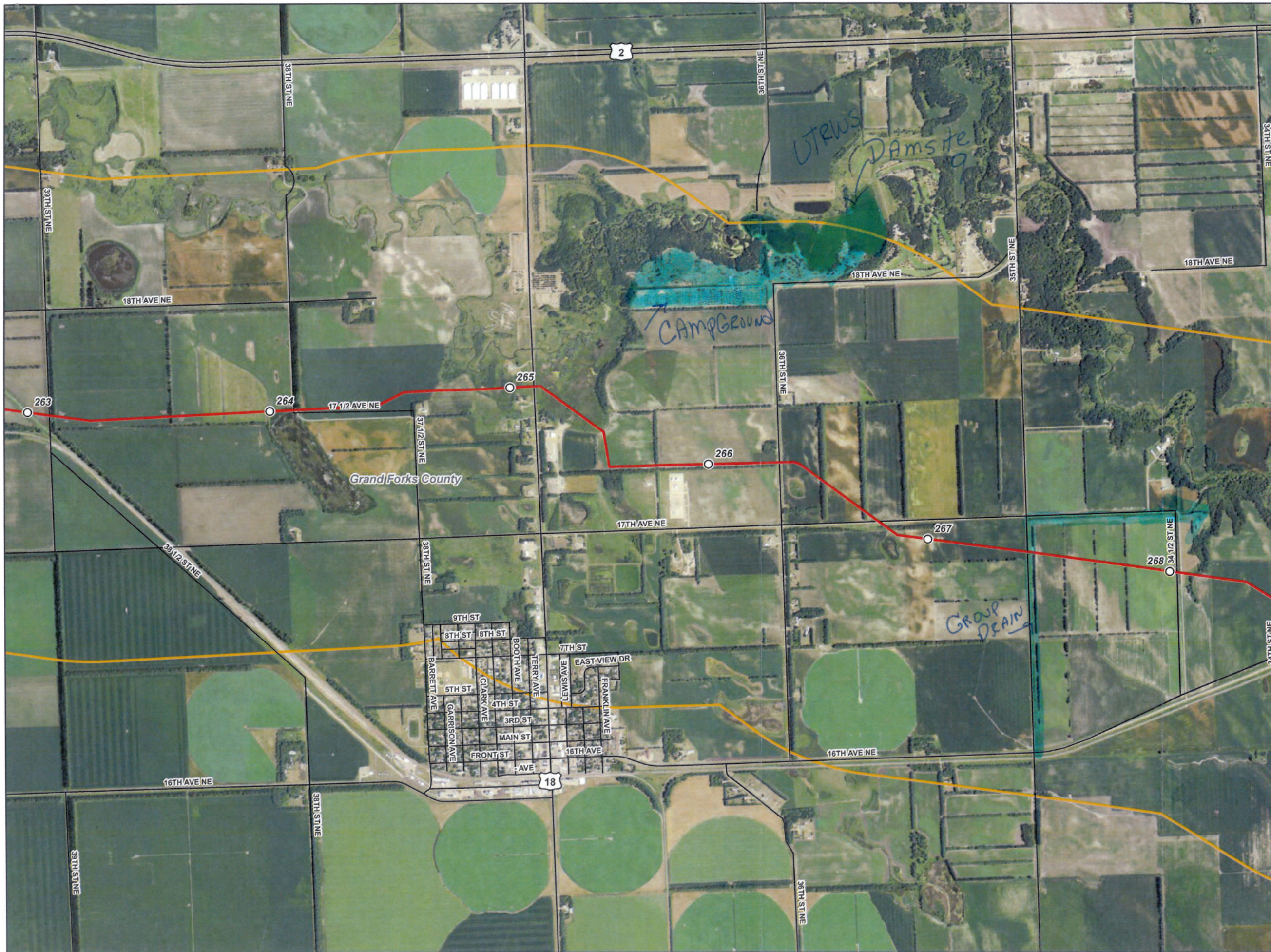


- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

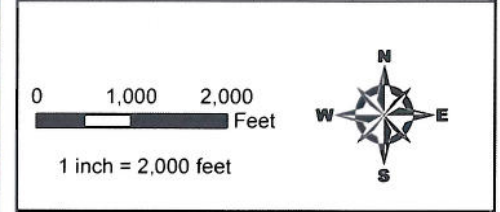
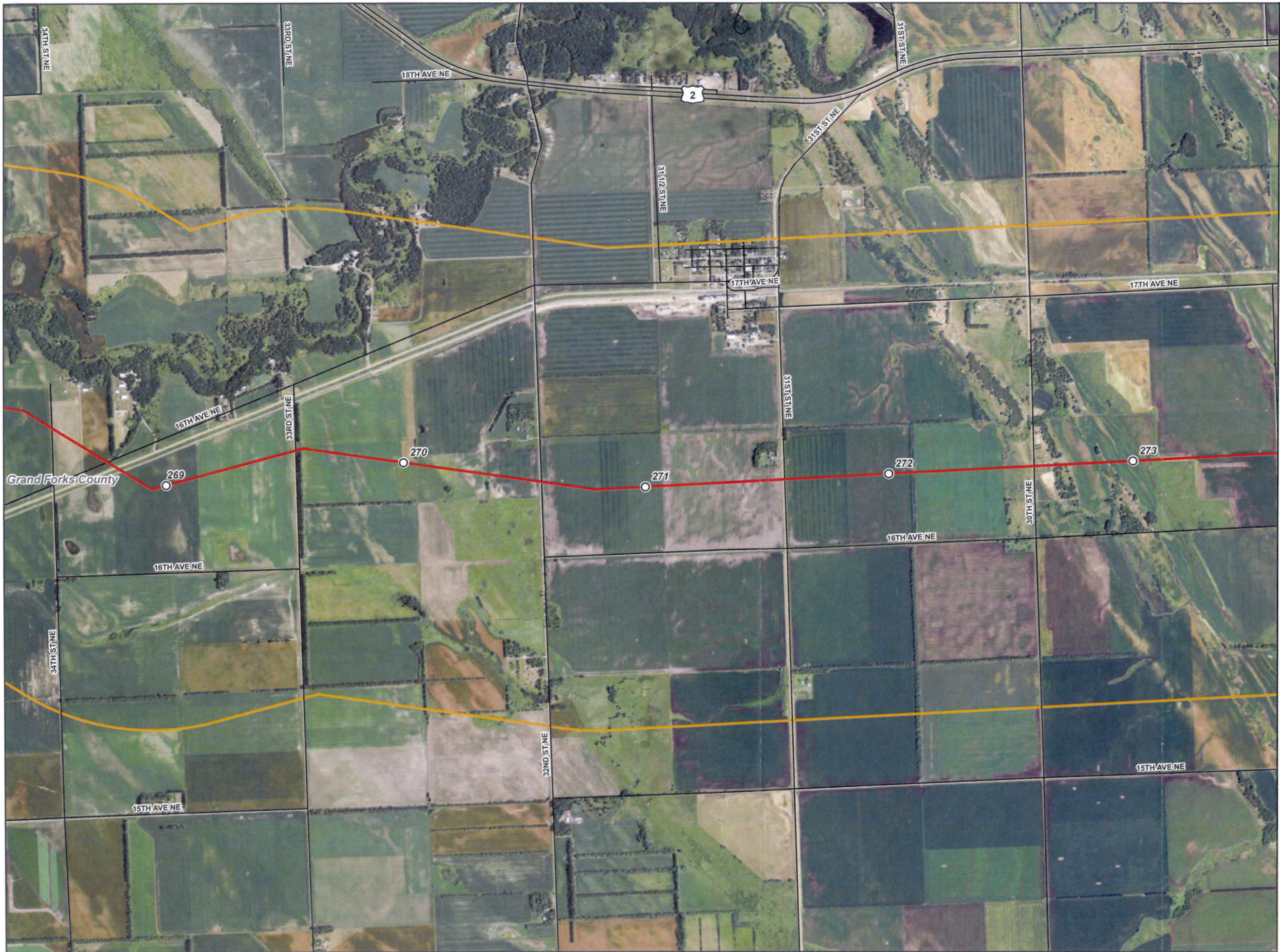


- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

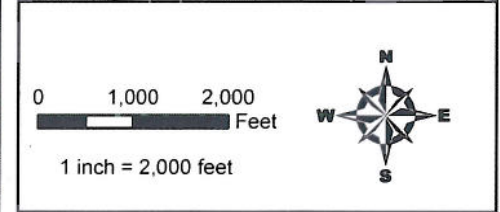


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- Sandpiper Centerline
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**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

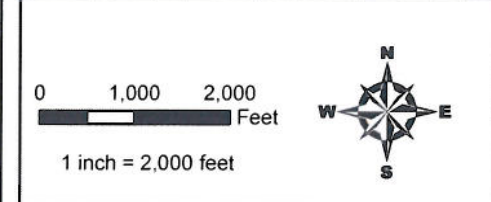
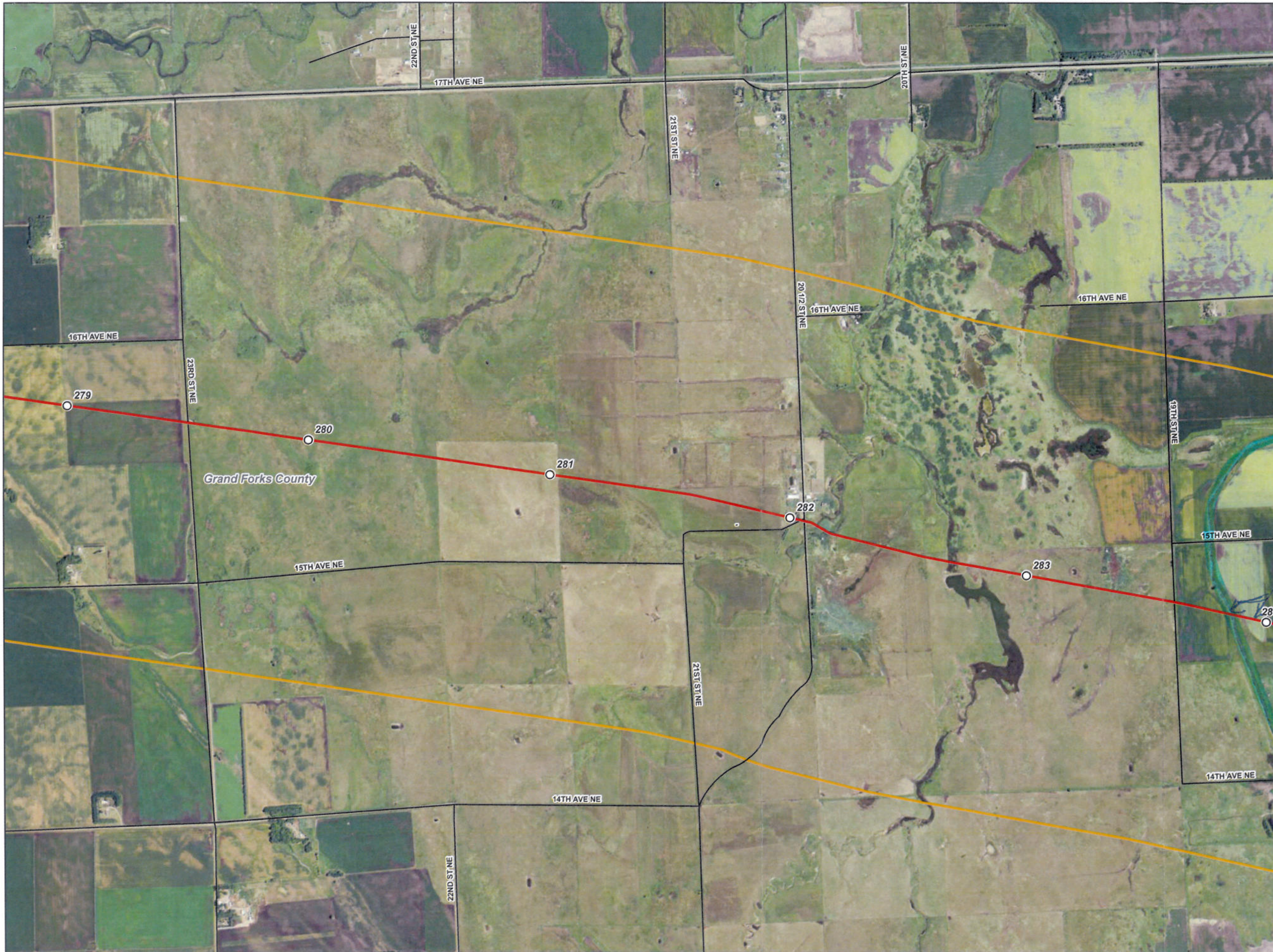


- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota



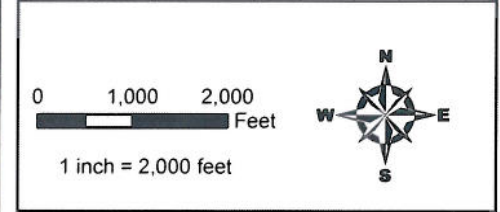
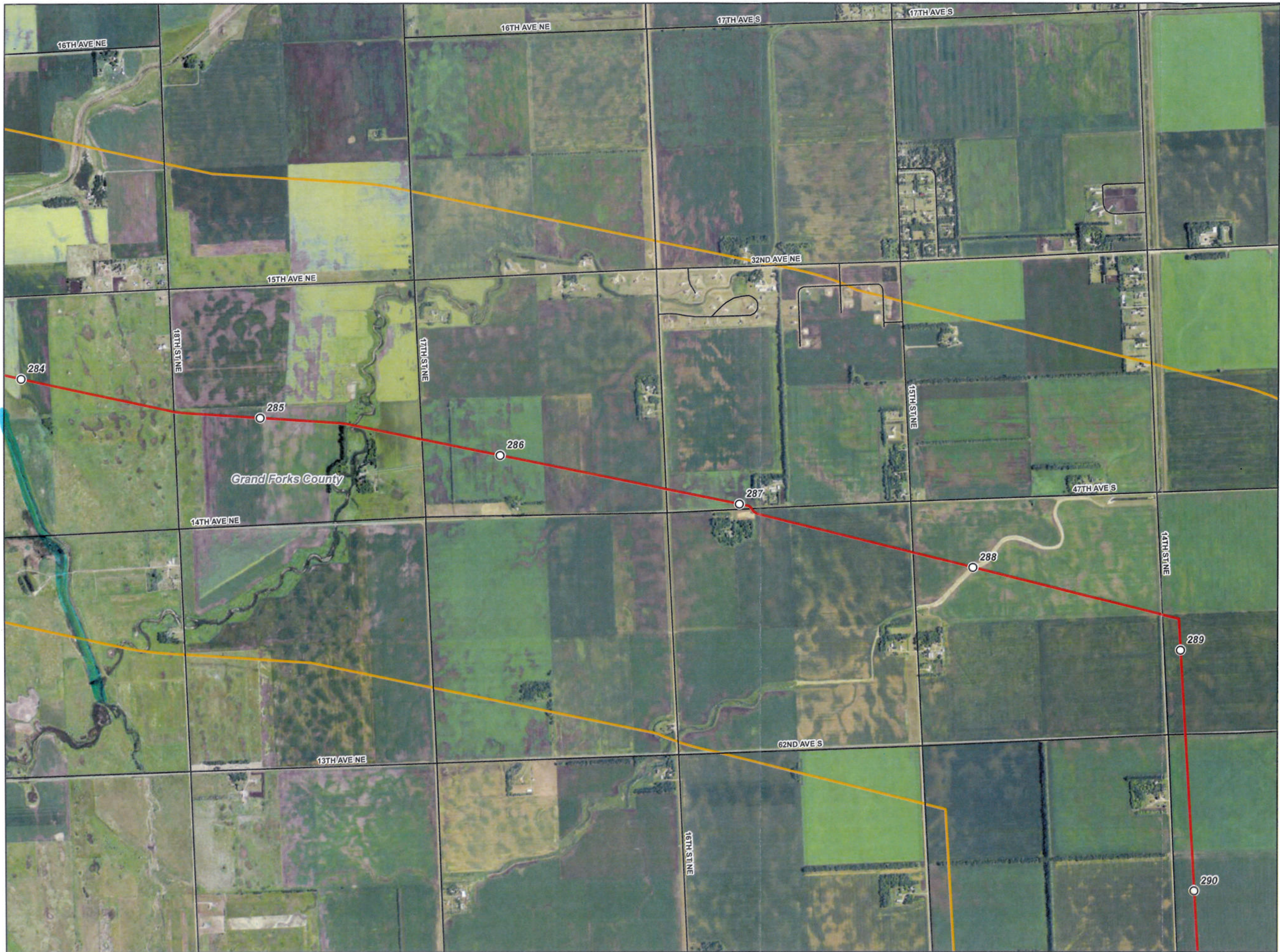
- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area

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**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**



- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

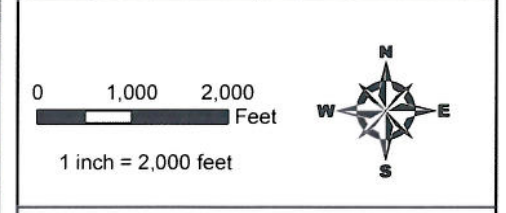


- Milepost
- Sandpiper Centerline
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(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

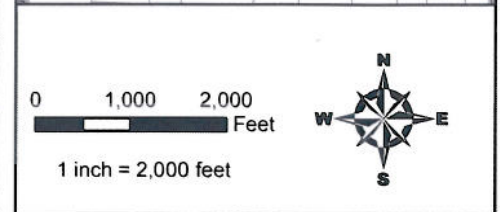
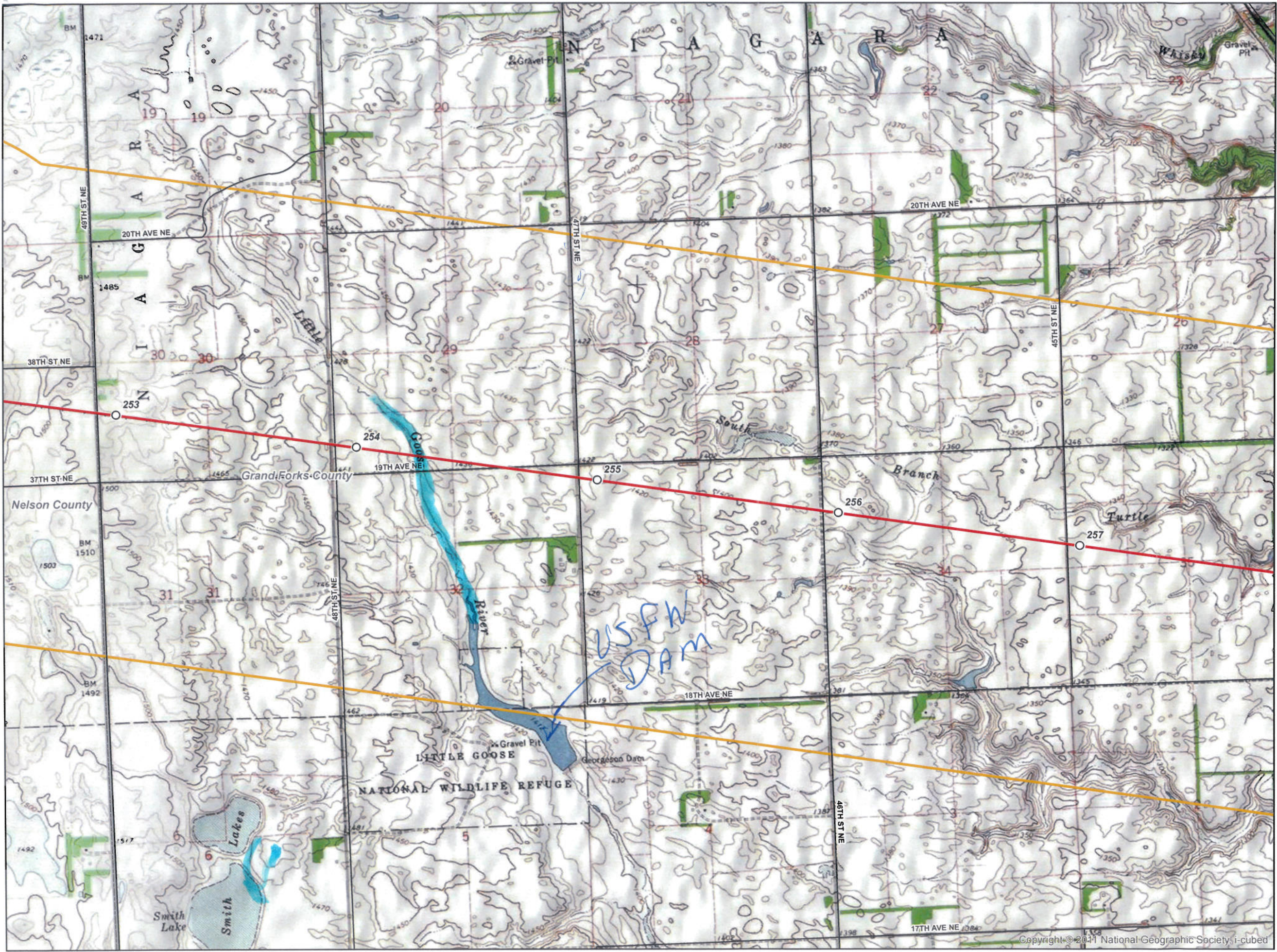





- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area



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(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

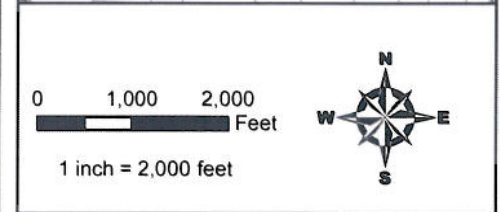
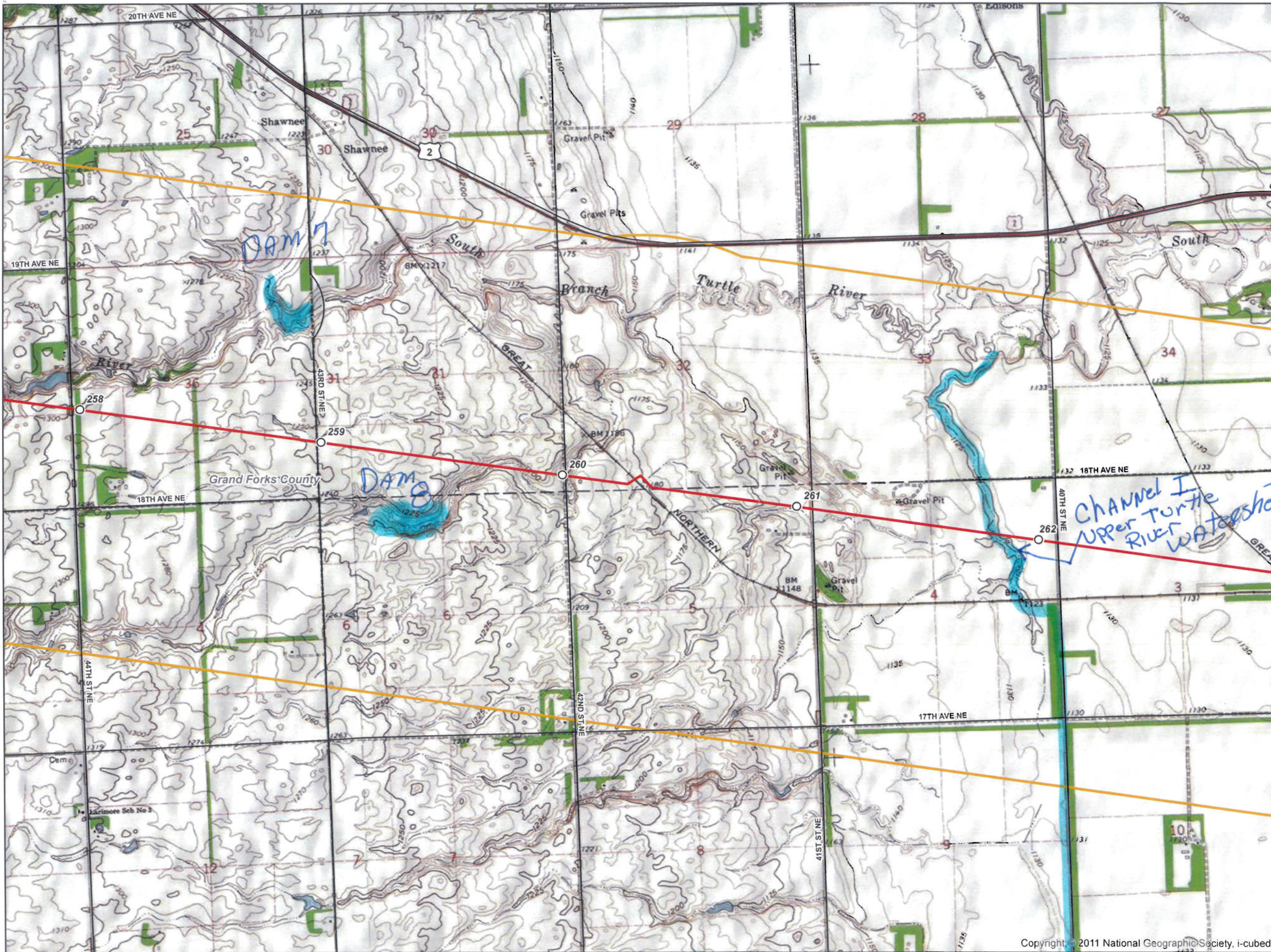


-  Milepost
-  Sandpiper Centerline
-  Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

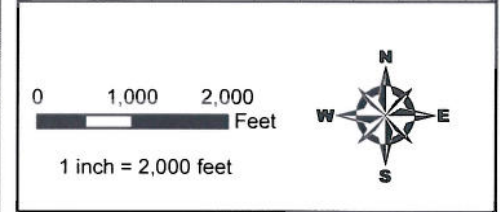
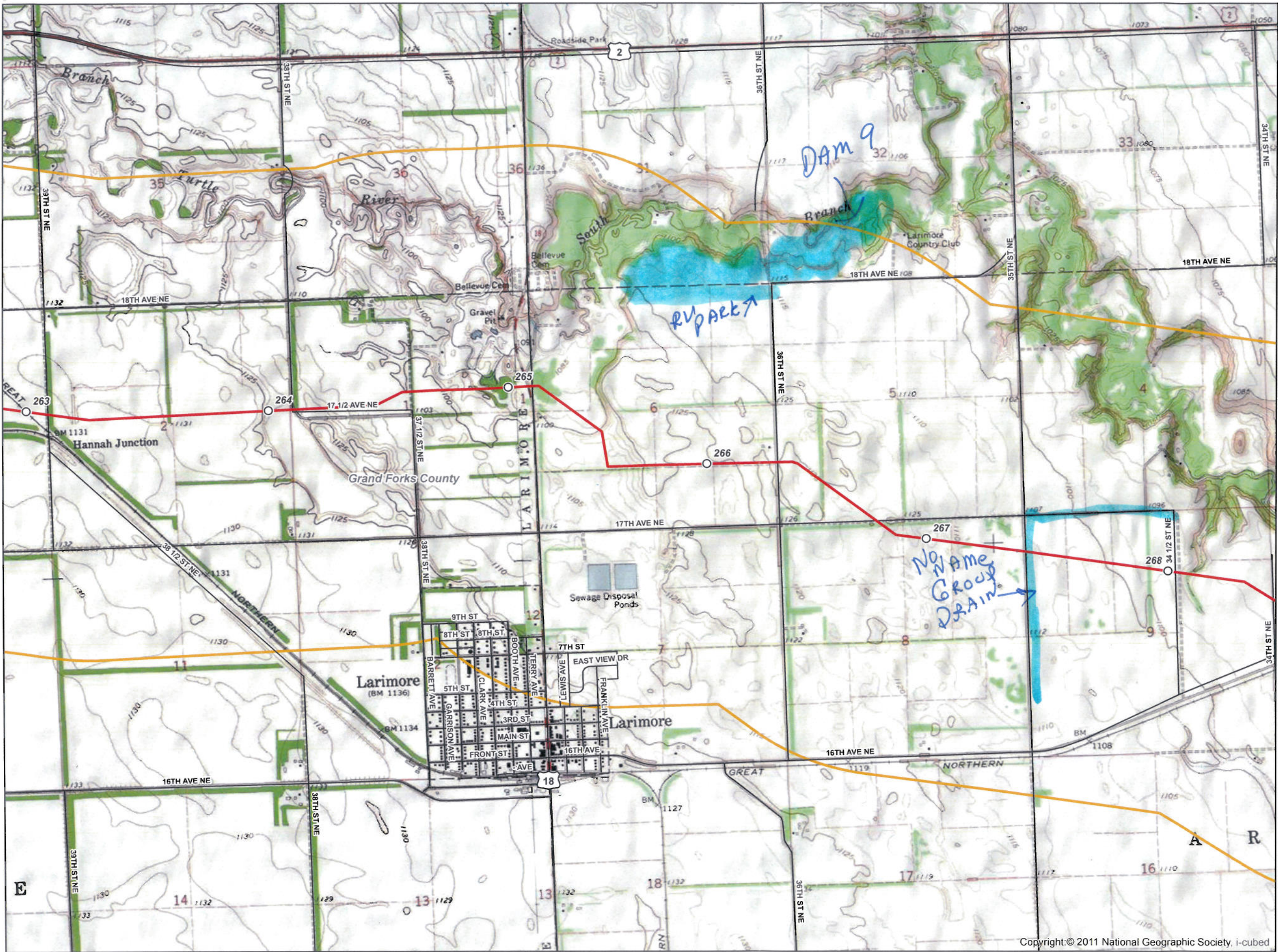


- Milepost
  - Sandpiper Centerline
  - Sandpiper Study Area
- CHANNEL I UPPER Turtle River Watershed*
- Earthen Channel*



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

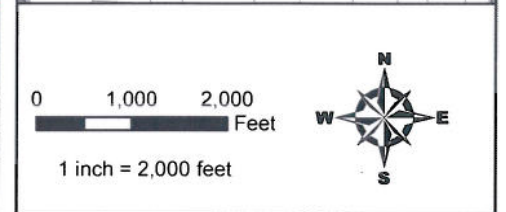
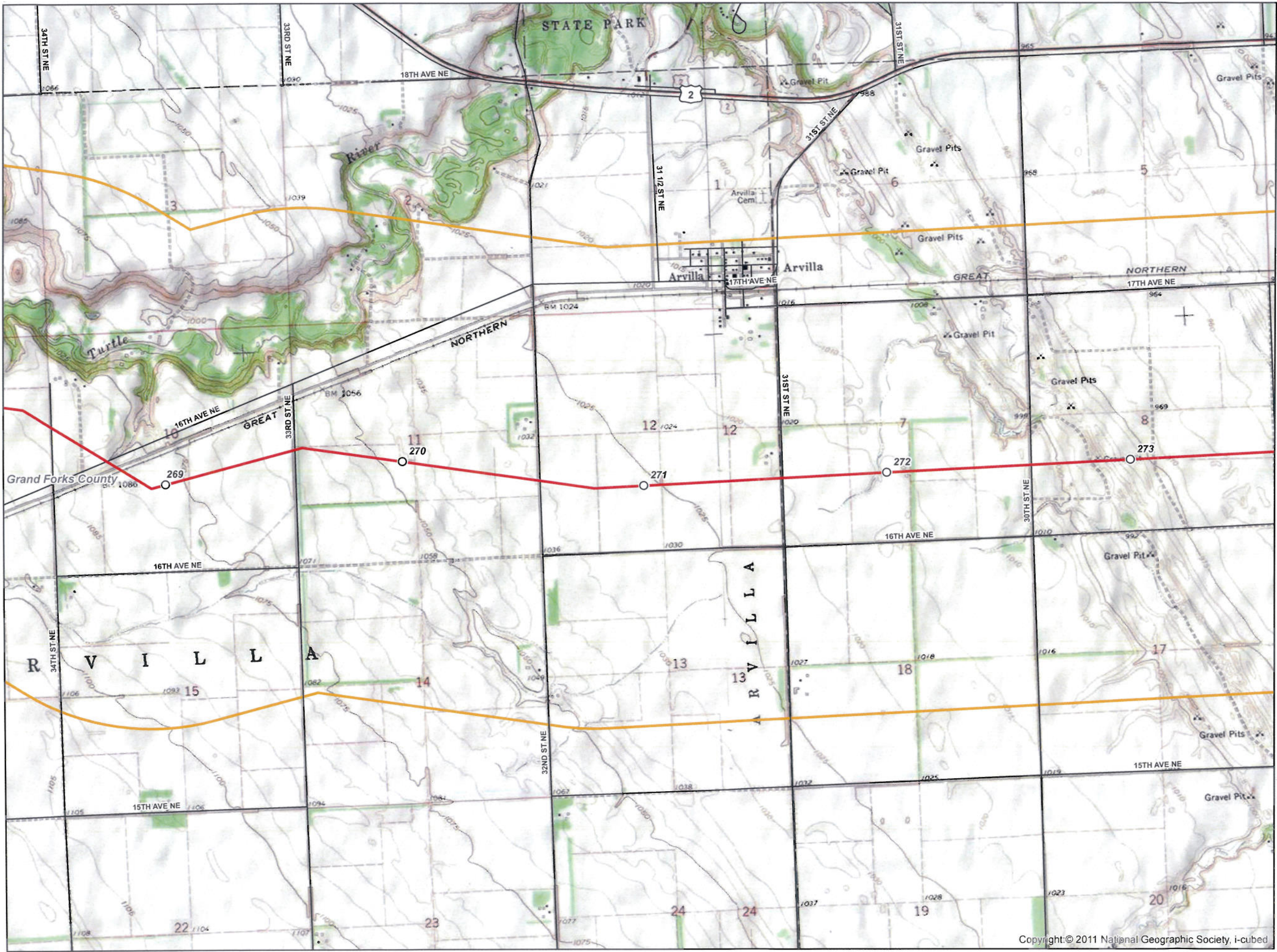


-  Milepost
-  Sandpiper Centerline
-  Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

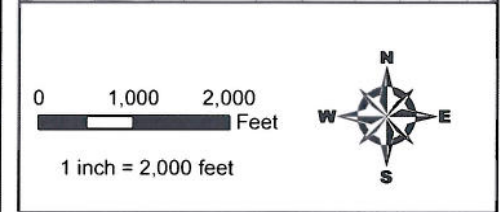
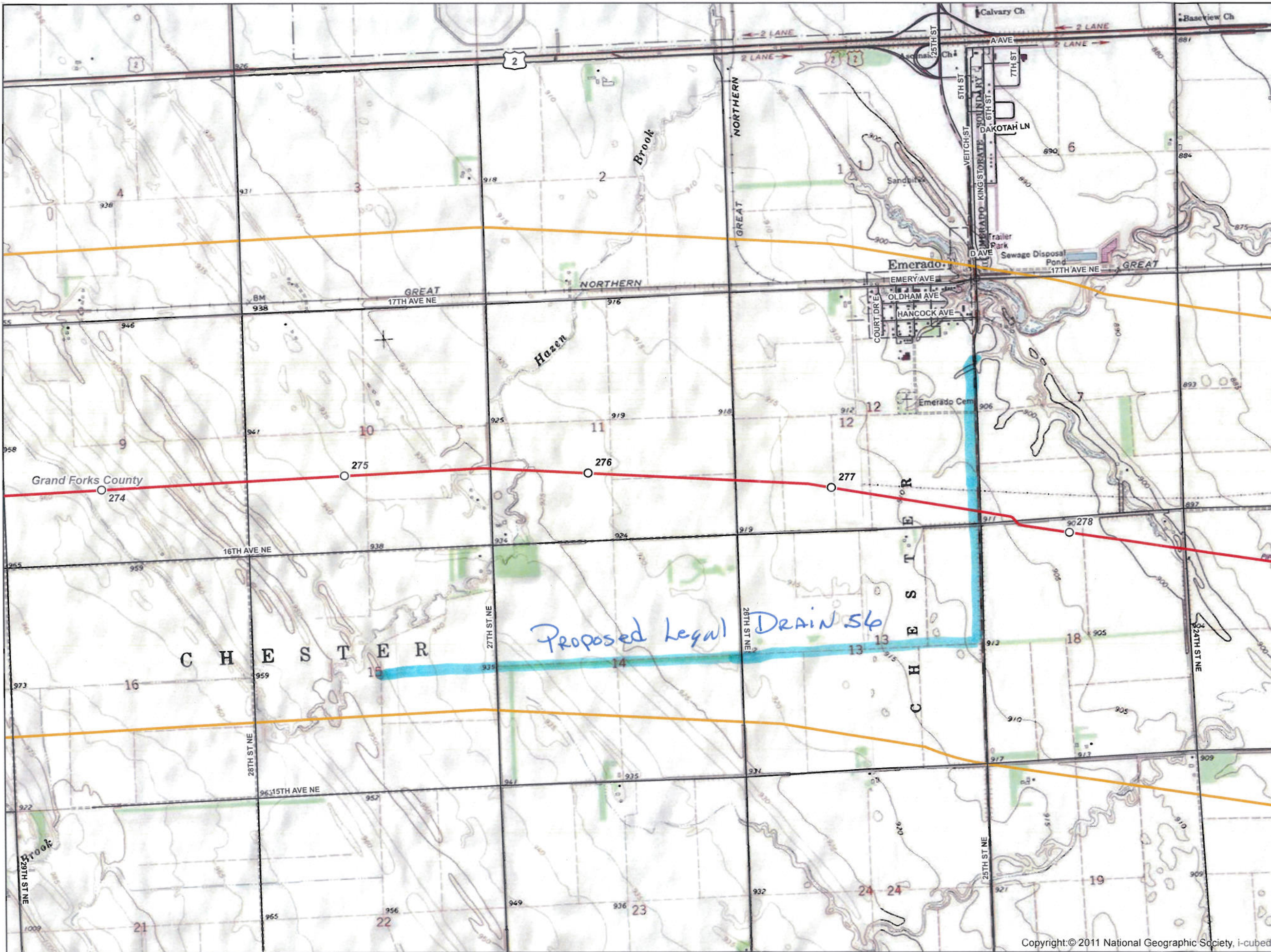


-  Milepost
-  Sandpiper Centerline
-  Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

**Route Maps  
Grand Forks County, North Dakota**

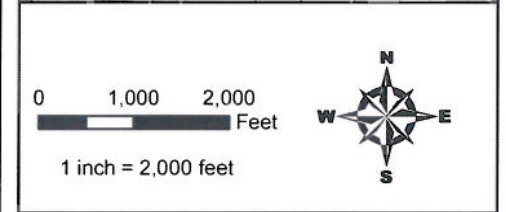
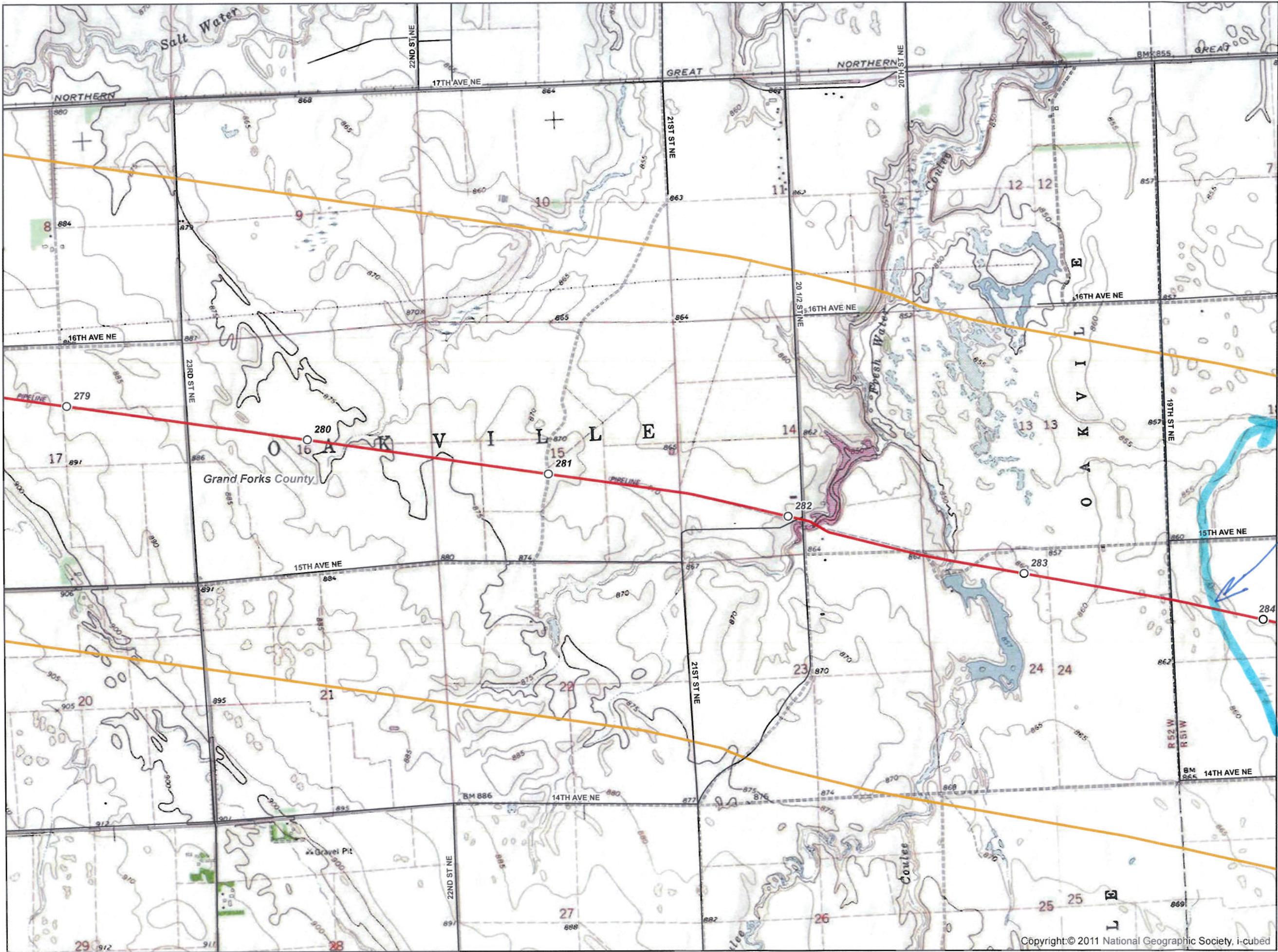


- Milepost
- Sandpiper Centerline
- ▭ Sandpiper Study Area

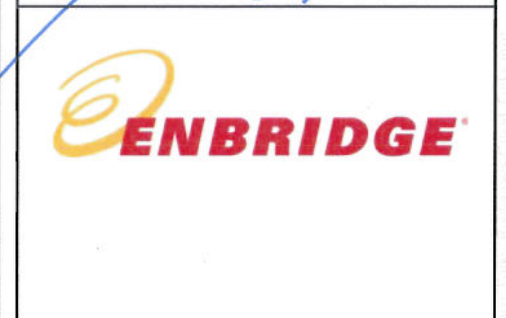


**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

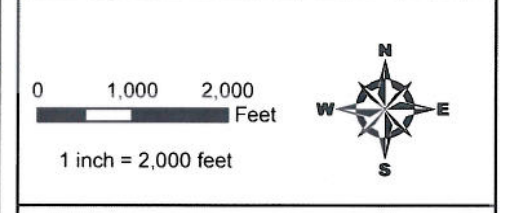
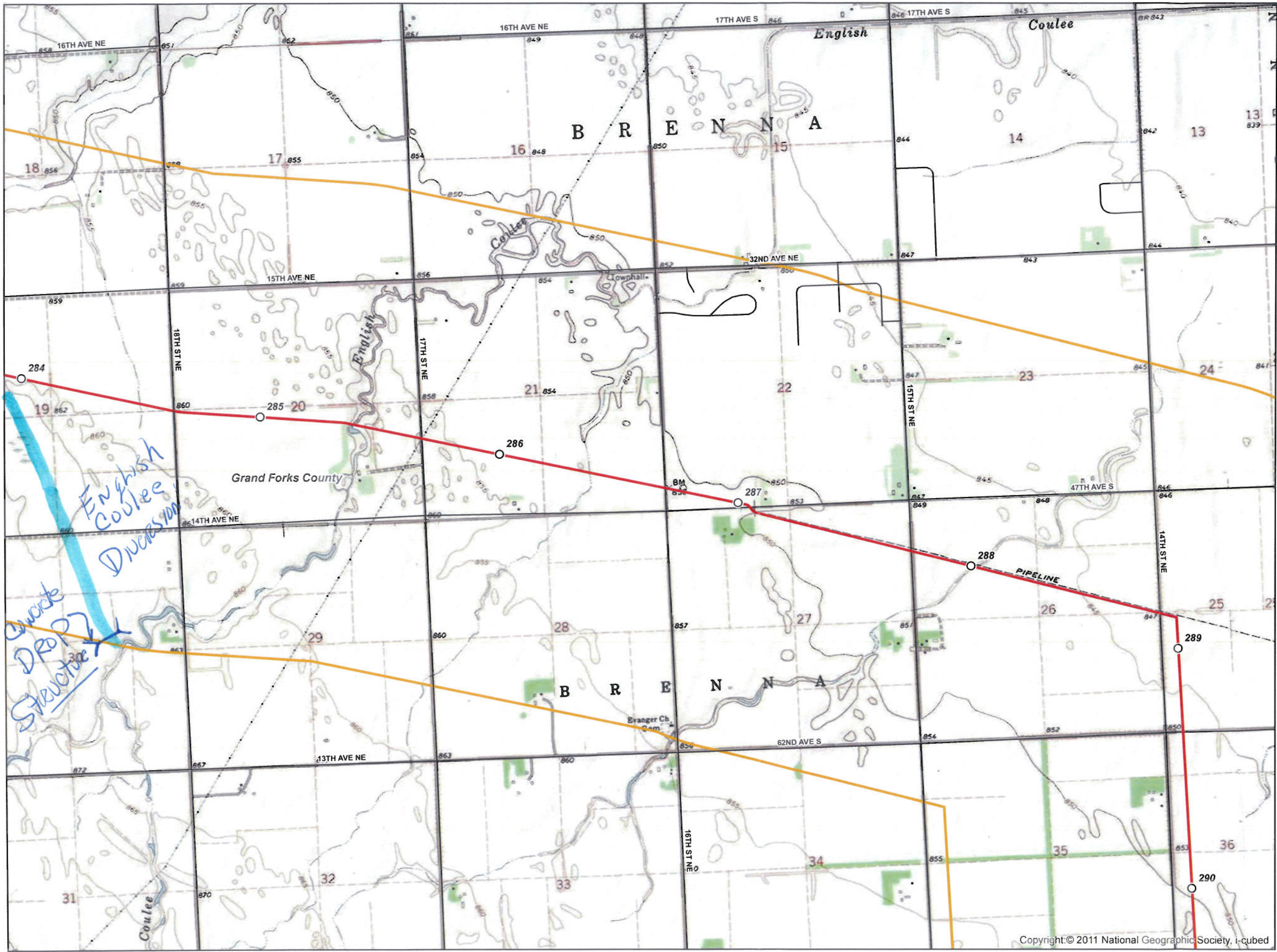


- Milepost
  - Sandpiper Centerline
  - ▭ Sandpiper Study Area
- English Coulee Diversion*



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

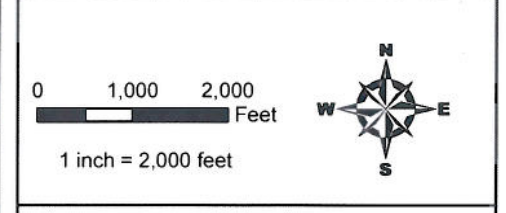
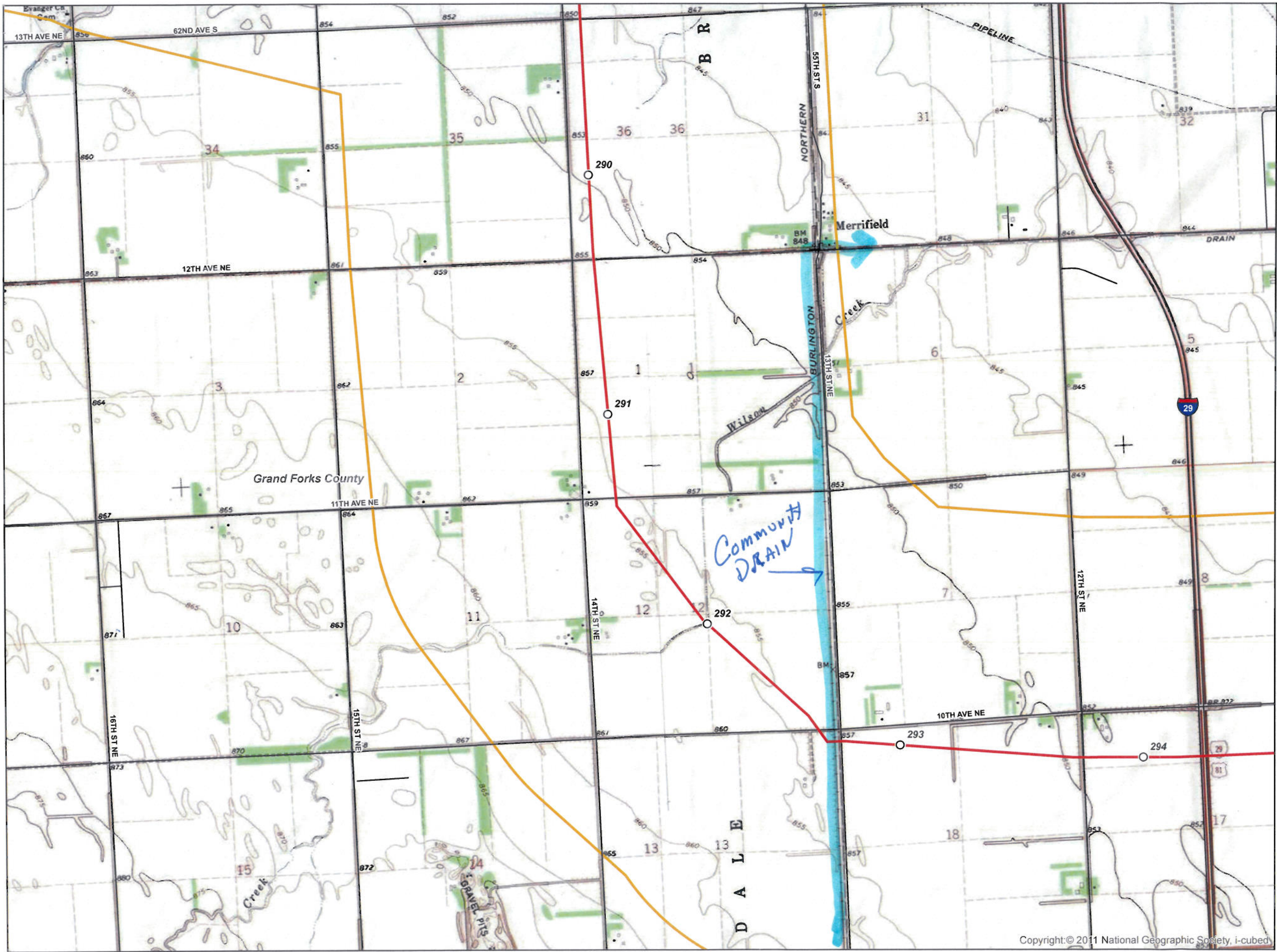


- Milepost
- Sandpiper Centerline
- Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

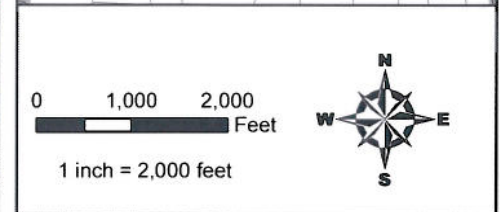
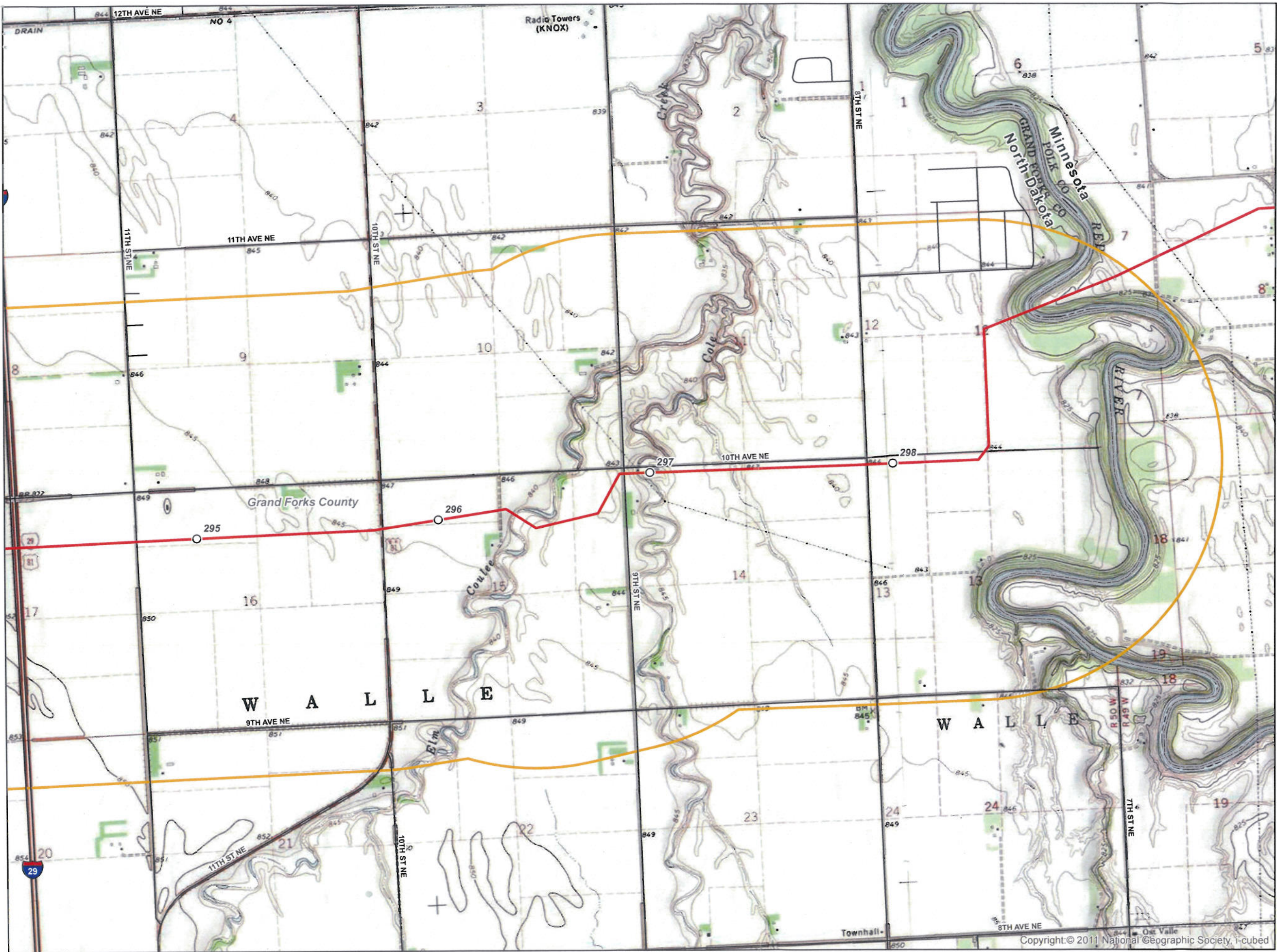


- Milepost
- Sandpiper Centerline
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**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota



- Milepost
- Sandpiper Centerline
- Sandpiper Study Area



**Enbridge Pipelines  
(North Dakota) LLC  
Sandpiper Pipeline Project**

Route Maps  
Grand Forks County, North Dakota

**From:** [April Brehm](#)  
**To:** [SPPArchive](#)  
**Subject:** FW: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information  
**Date:** Friday, September 27, 2013 1:31:08 PM

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**From:** Sara Ploetz [<mailto:Sara.Ploetz@enbridge.com>]  
**Sent:** Friday, September 20, 2013 11:16 AM  
**To:** April Brehm  
**Subject:** FW: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information

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**From:** Paryzek, Corey - FSA, Williston, ND [<mailto:Corey.Paryzek@nd.usda.gov>]  
**Sent:** Wednesday, July 03, 2013 4:34 PM  
**To:** Sara Ploetz  
**Subject:** RE: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information

For the most part you will want to work with the Williams County Commissioners and County roads superintendent. There are issues dealing with what roads will be used by your equipment, what will be dug up during spring/winter when there is frost in the ground. The water board itself does not have any legal drains it maintains or controls.

<http://www.williamsnd.com/> would be your starting point for contacts.

---

**From:** Sara Ploetz [<mailto:Sara.Ploetz@enbridge.com>]  
**Sent:** Wednesday, July 03, 2013 1:22 PM  
**To:** Paryzek, Corey - FSA, Williston, ND  
**Cc:** Paul M. Hartzheim; [spparchive@merjent.com](mailto:spparchive@merjent.com)  
**Subject:** Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information

Please do not open any attachments from organizations or people that you are not familiar with. Also, since it is possible for viruses to "spoof" or fake the sender's address, do not open emails with attachments from people you know, but from whom you were not expecting an attachment or if the attachment is a file type or file name that you customarily do not receive from this person.

---

July 1, 2013

Corey Paryzek, Chairman  
Williams County Water Resource Board  
Williams County Courthouse  
PO Box 2047  
Williston, ND 58802

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project

## Request for information regarding County-level drainage issues

Dear Mr. Paryzek,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Williams County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC ("Enbridge") is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge's existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge's Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area.

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

We ask that your office provide the location(s) of county-regulated drainage features as a GIS shapefile (if possible), geographic coordinates (e.g.,

latitude/longitude), Public Land Survey System Section, or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; [Sara.Ploetz@enbridge.com](mailto:Sara.Ploetz@enbridge.com)) or Paul Hartzheim at Merjent (612-746-1618; [phartzheim@merjent.com](mailto:phartzheim@merjent.com)). Thank you for your assistance.

An original, signed copy of this correspondence will follow.

Sincerely,

Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range  
List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

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\*\*\*\*\* IMPORTANT NOTICE\*\*\*\*\*

Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this email message is CONFIDENTIAL information intended for the use of the individual or entity named herein. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender using the above contact information or by return email and delete this message and any copies from your computer system. Thank you.

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\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*  
\* \* \* \* \*

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July 1, 2013

Corey Paryzek, Chairman  
Williams County Water Resource Board  
Williams County Courthouse  
PO Box 2047  
Williston, ND 58802

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Paryzek,

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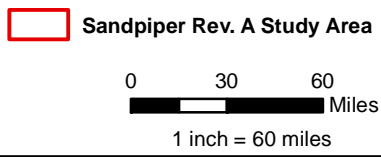
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

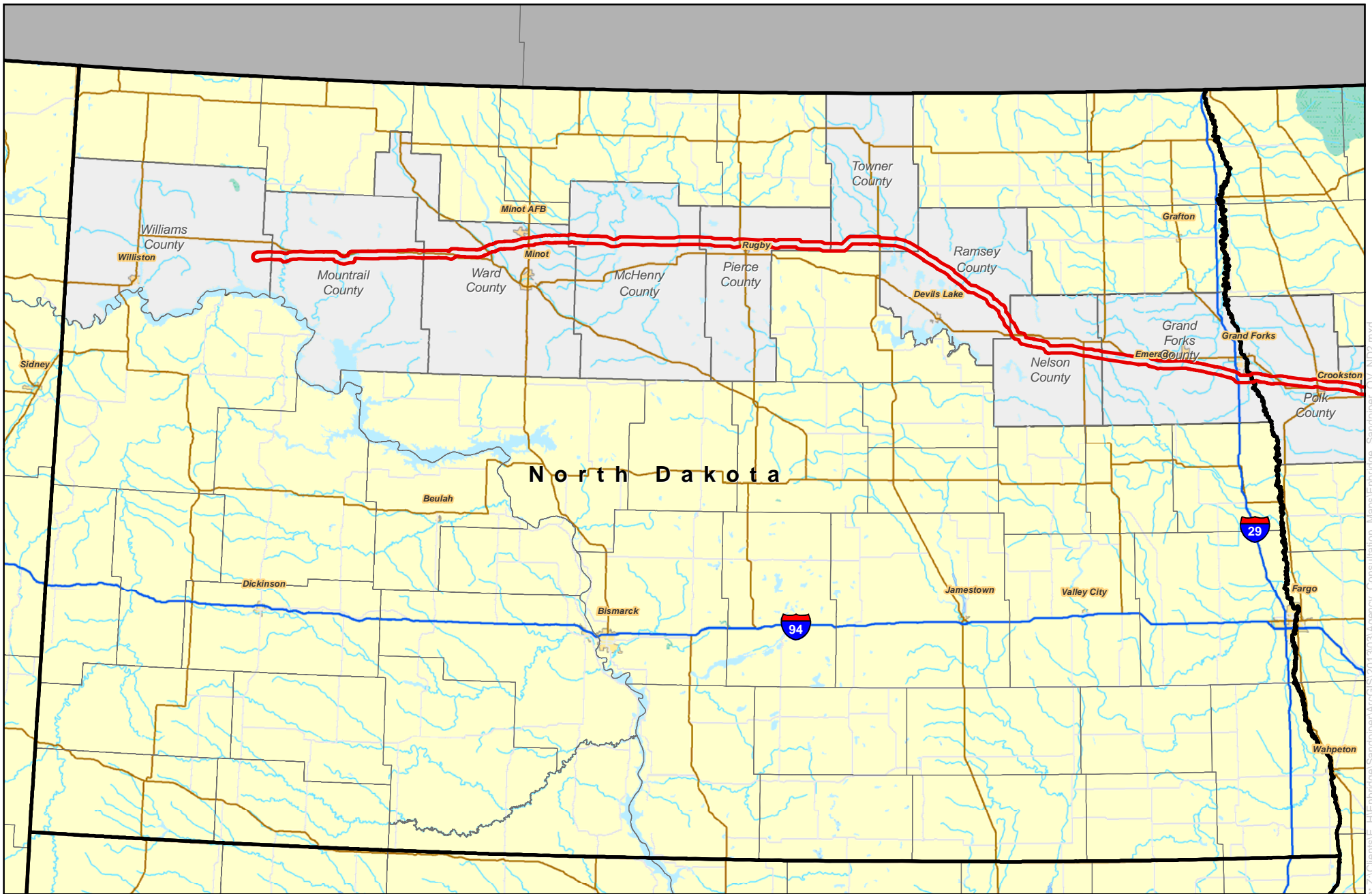
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

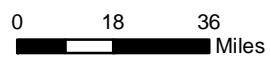


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area



1 inch = 36 miles

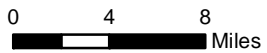


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Williams County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R95W	4, 5
T156N	R95W	33, 34, 35, 36

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Trudy Ruland, Chairwoman  
Mountrail County Water Resource Board  
PO Box 933  
Stanley, ND 58784

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Ms. Ruland,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Mountrail County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

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- a list of the Section(s), Township, Range crossed by the project; and
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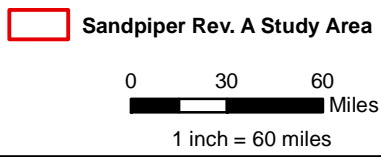
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

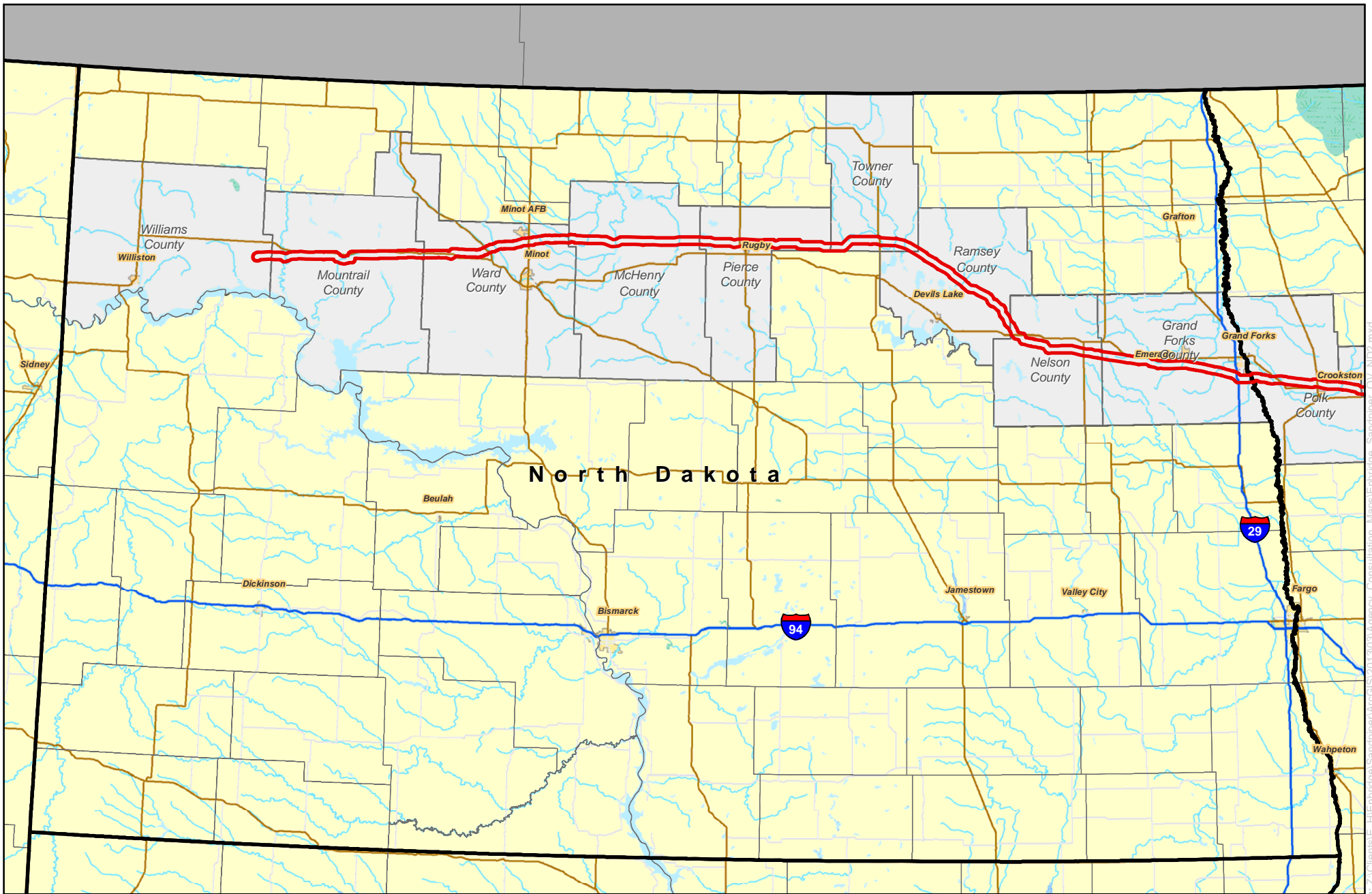
cc: Paul Hartzheim, Merjent



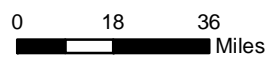
**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**



Date: (6/6/2016) Source: Z:\Clients\T\_H\Enbridge\Sandpiper\ArcGIS\2013\06\New\_Overview\_Maps\Enbridge\_Sandpiper\_OV.mxd



 Sandpiper Rev. A Study Area

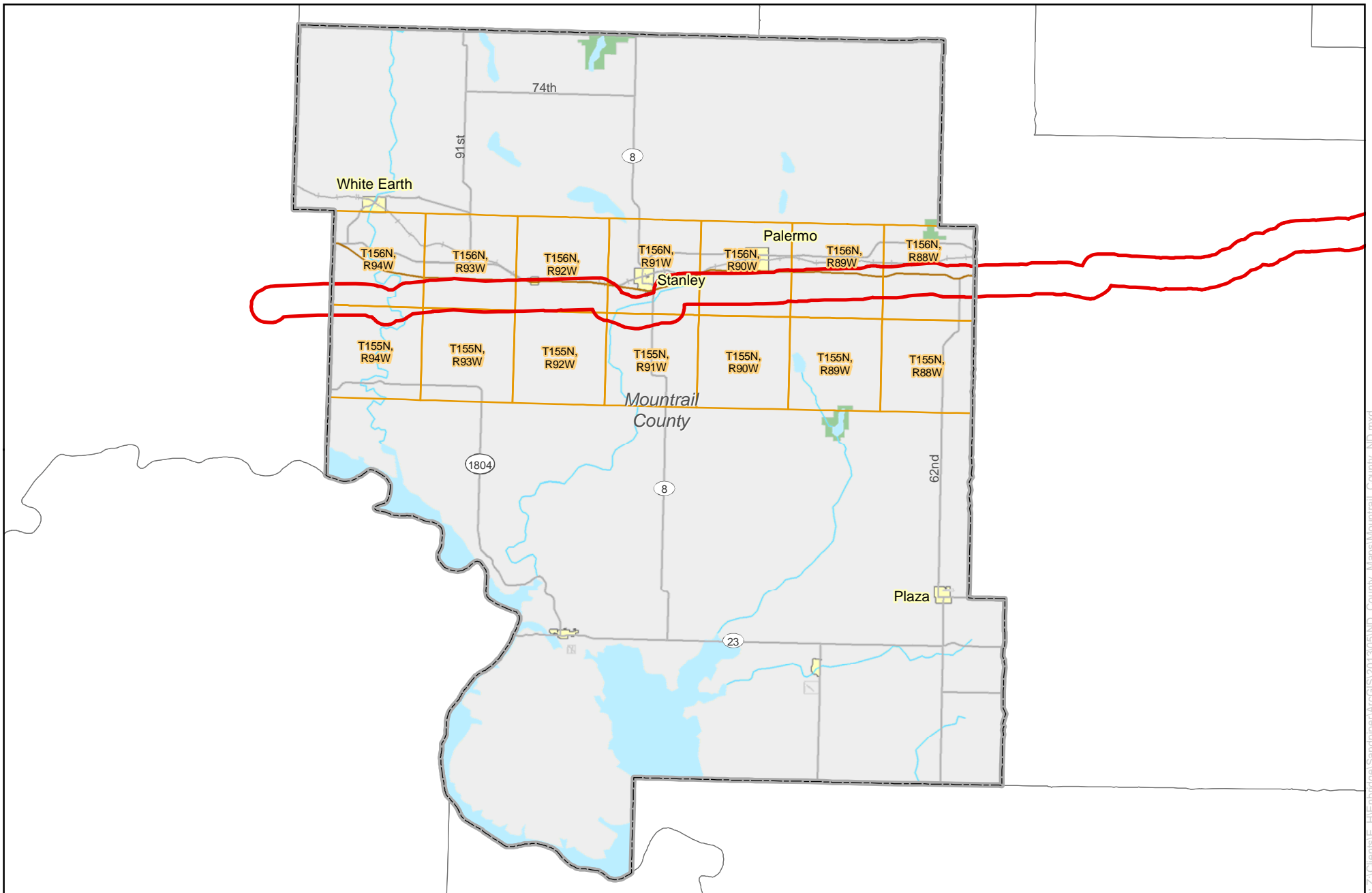


1 inch = 36 miles




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

0 4.25 8.5  
 Miles

1 inch = 8.5 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Mountrail County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R94W	3
T156N	R88W	19, 20, 21, 22, 23, 24
T156N	R89W	19, 20, 21, 22, 23, 24
T156N	R90W	24, 25, 26, 27, 28, 29, 30
T156N	R91W	25, 26, 31, 32, 33, 34, 35
T156N	R92W	25, 26, 27, 28, 29, 30, 31, 36
T156N	R93W	31, 32, 33, 34, 35, 36
T156N	R94W	31, 32, 33, 34, 35, 36
T156N	R95W	36

July 1, 2013

Tom Klein, Chairman  
Ward County Water Resource Board  
Ward County Courthouse  
315 3<sup>rd</sup> St. SE  
Minot, ND 58701

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Klein,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Ward County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

We ask that your office provide the location(s) of county-regulated drainage features as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section, or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

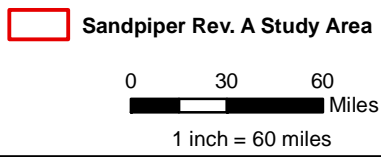
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

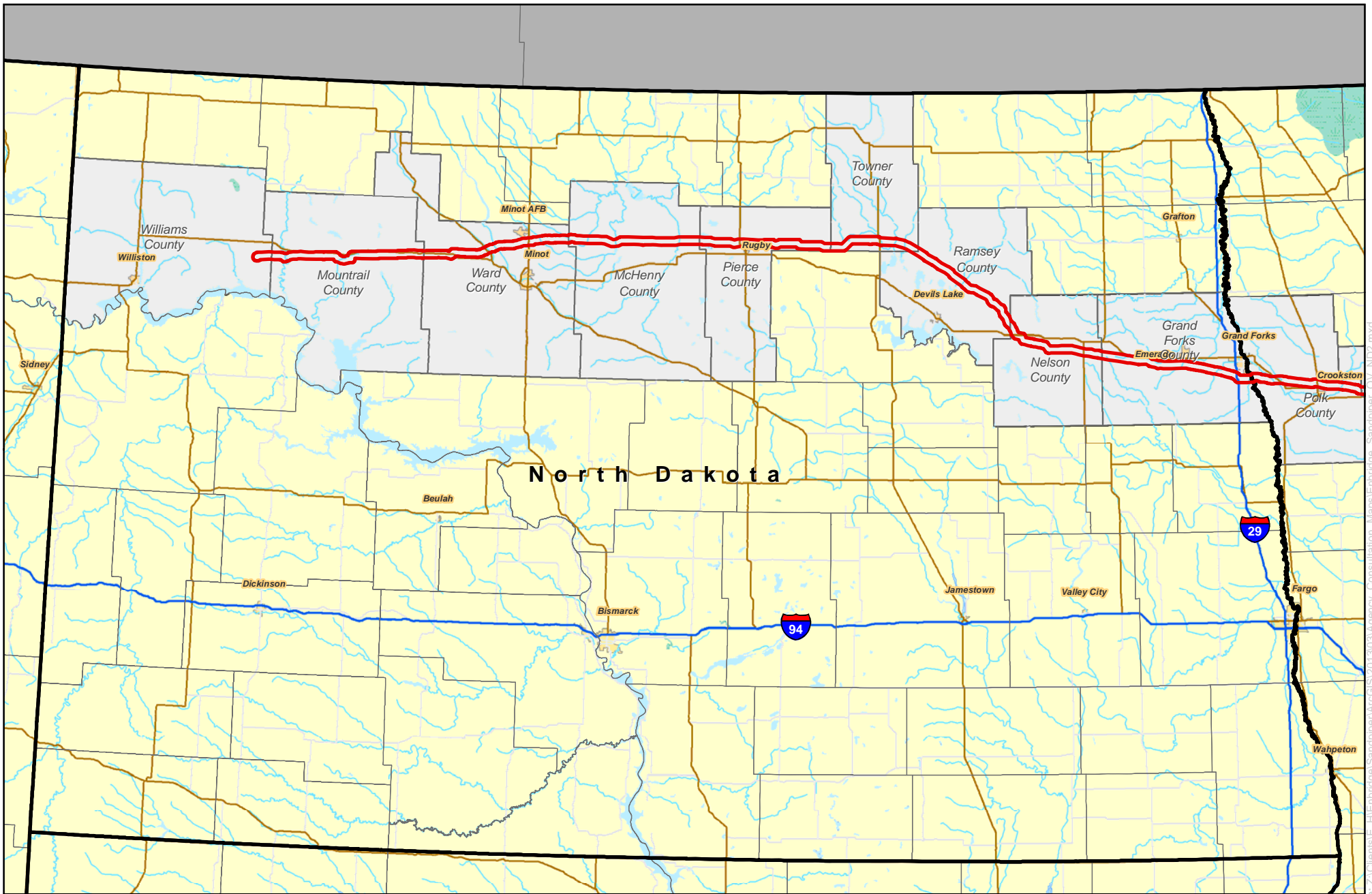
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

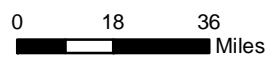


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

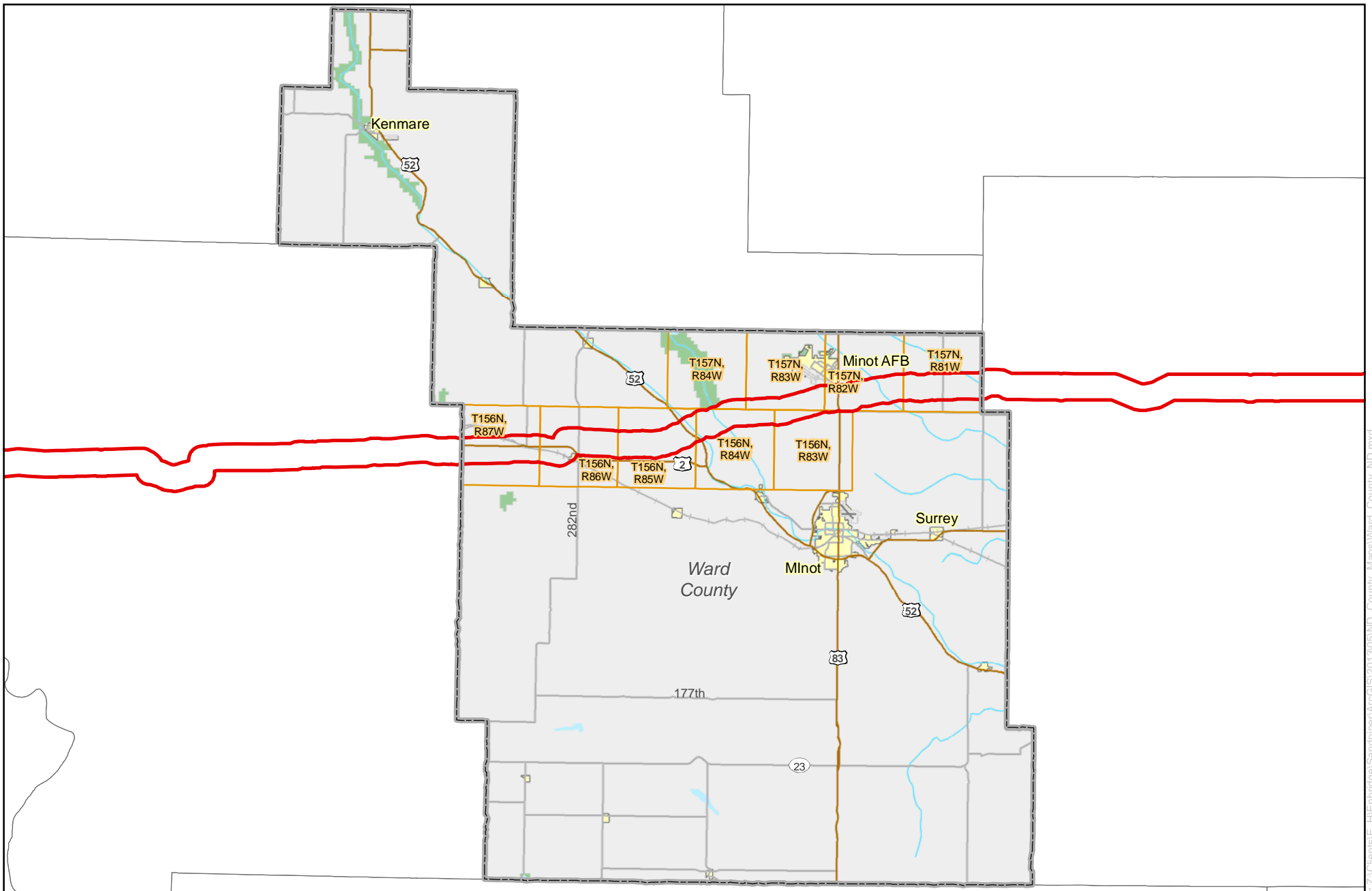


1 inch = 36 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

0 5 10  
Miles

1 inch = 10 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Ward County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T156N	R83W	6
T156N	R84W	1, 2, 3, 4, 5, 6, 7, 8
T156N	R85W	11, 12, 14, 15, 16, 17, 18
T156N	R86W	13, 14, 15, 16, 17, 19, 20, 21
T156N	R87W	19, 20, 21, 22, 23, 24
T156N	R88W	24
T157N	R81W	24, 25, 26, 27, 28, 29, 30
T157N	R82W	25, 26, 27, 28, 31, 32, 33
T157N	R83W	34, 35, 36

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Greg Haga, Chairman  
McHenry County Water Resource Board  
206 Prospect St.  
Velva, ND 58790

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Haga,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in McHenry County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

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In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

We ask that your office provide the location(s) of county-regulated drainage features as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section, or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

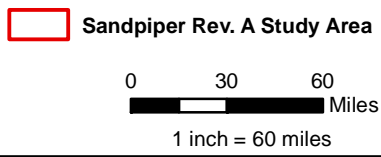
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

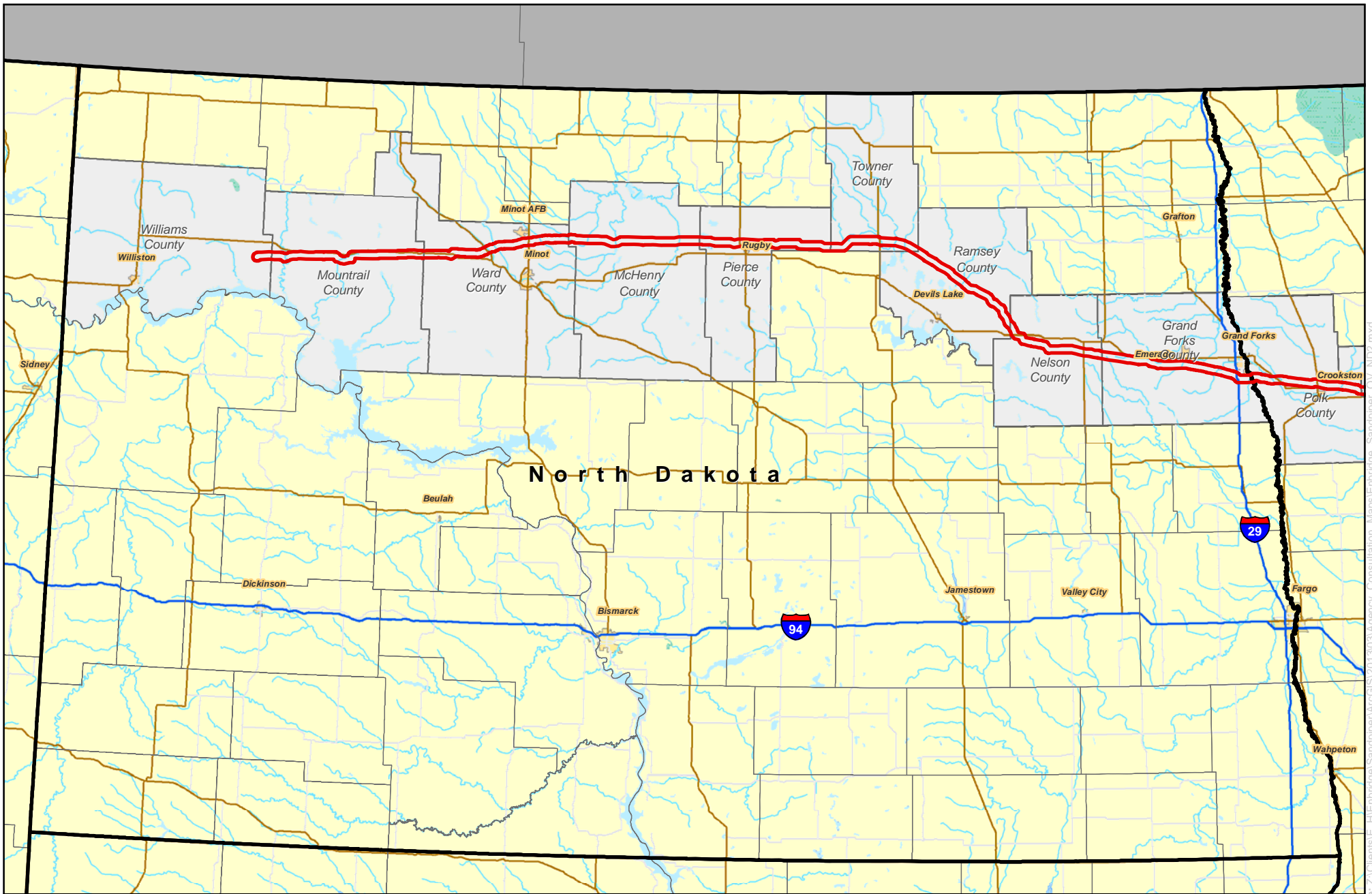
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

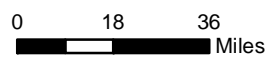


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

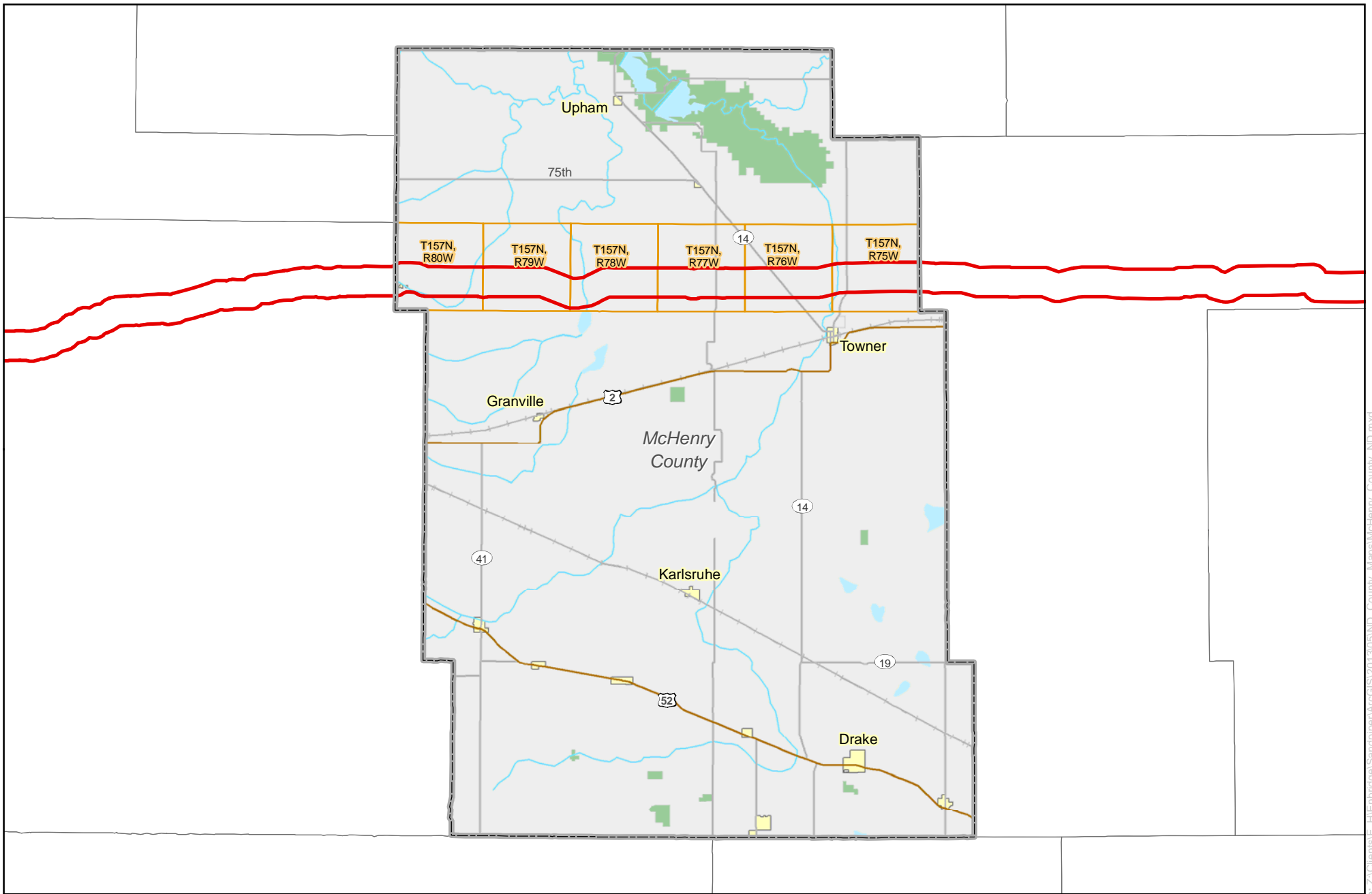


1 inch = 36 miles

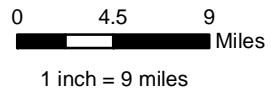


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in McHenry County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R74W	19
T157N	R75W	19, 20, 21, 22, 23, 24
T157N	R76W	24, 25, 26, 27, 28, 29, 30
T157N	R77W	25, 26, 27, 28, 29, 30
T157N	R78W	25, 26, 27, 28, 29, 30
T157N	R79W	25, 26, 27, 28, 29, 30
T157N	R80W	19, 20, 25, 26, 27, 28, 29
T157N	R81W	24, 25

July 1, 2013

Ronald Kremer, Chairman  
Pierce County Water Resource Board  
4840 24<sup>th</sup> Ave.  
Rugby, ND 58368

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Kremer,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Pierce County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
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If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

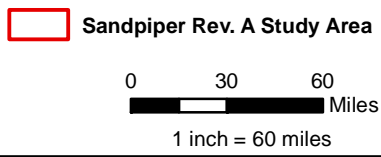
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

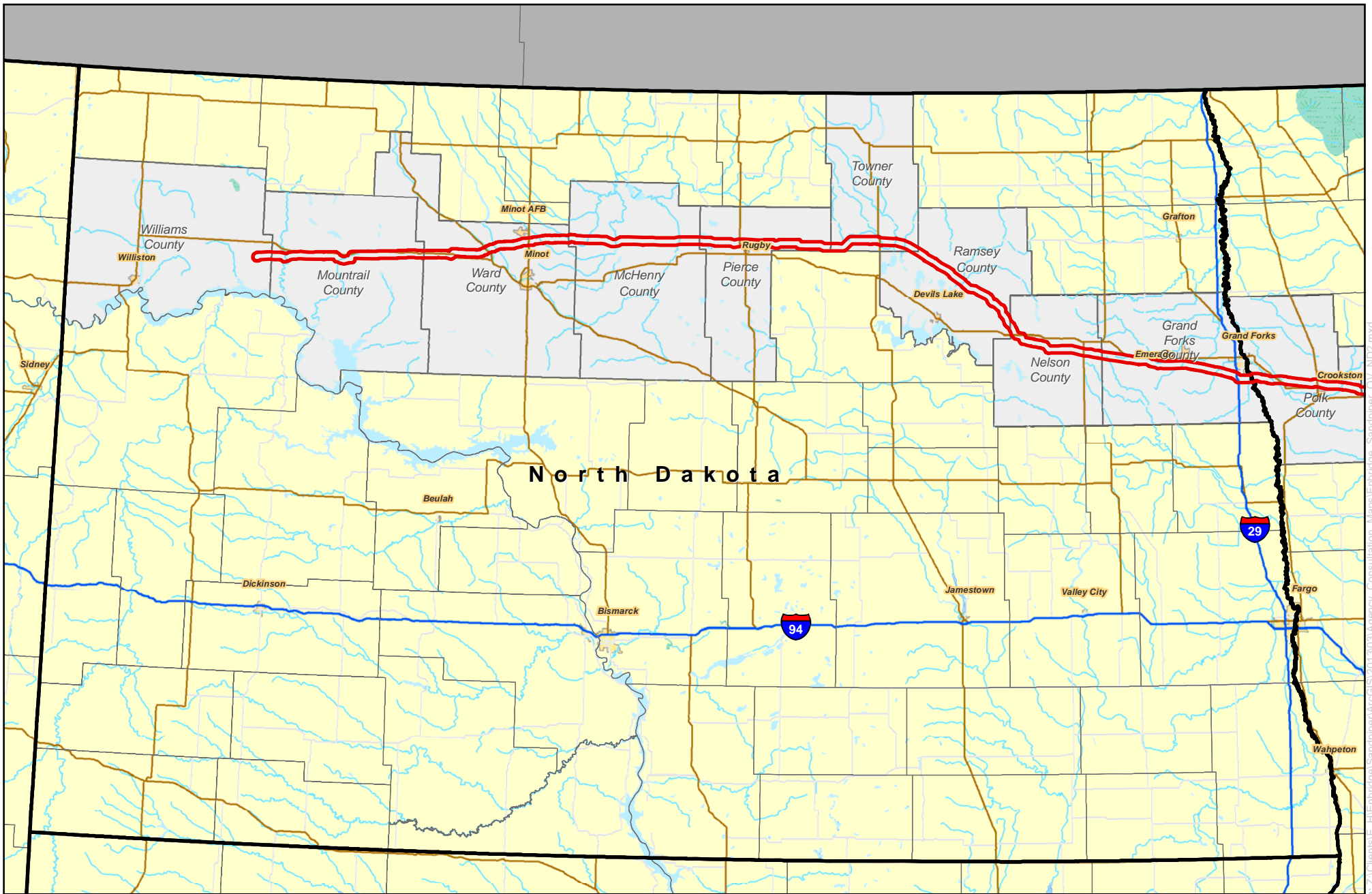
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

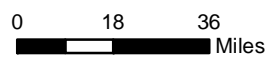


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

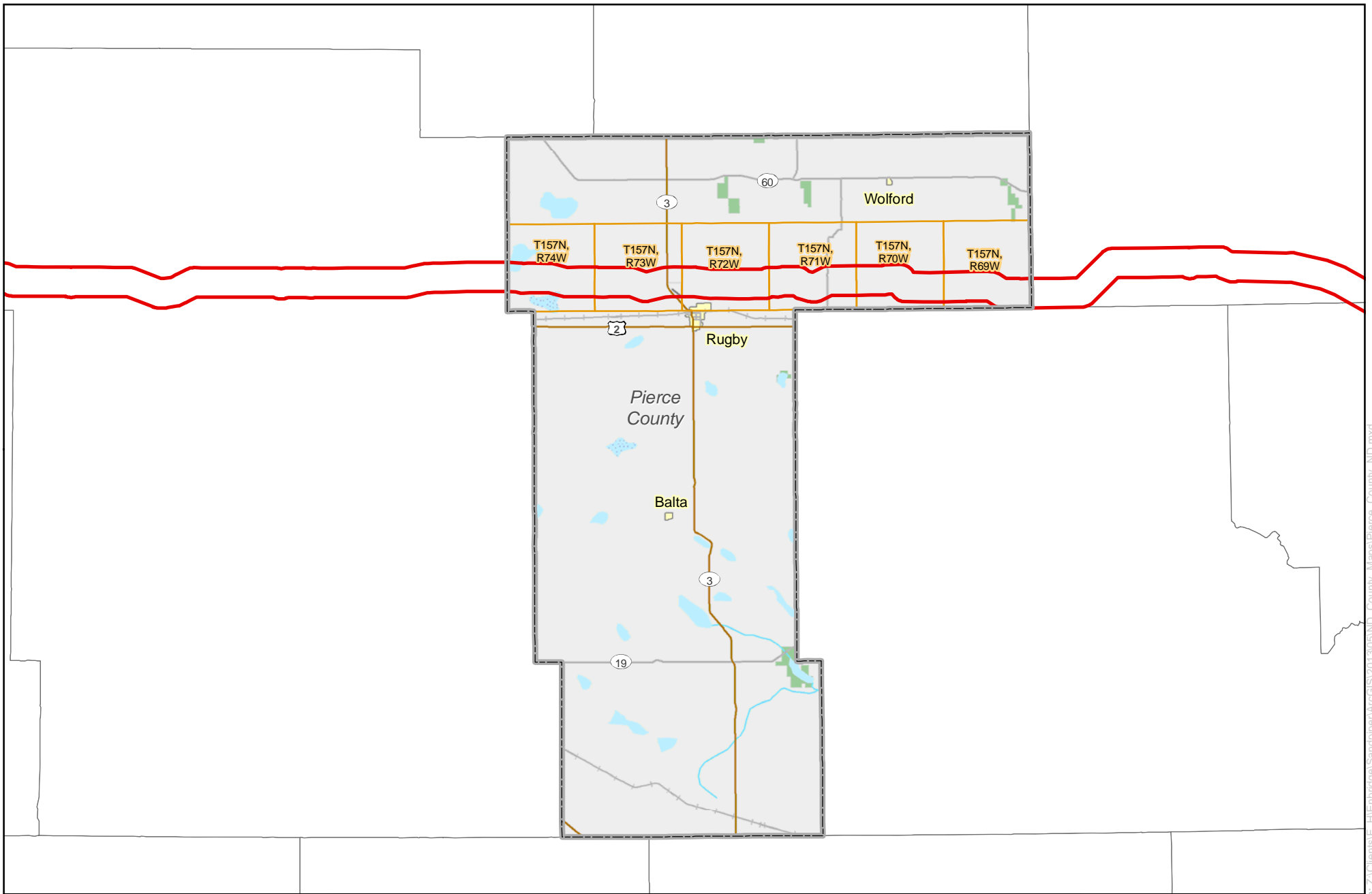


1 inch = 36 miles

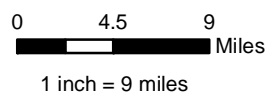


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 North Dakota Project Location Map





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Pierce County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R68W	31
T157N	R69W	25, 26, 27, 28, 29, 30, 36
T157N	R70W	20, 21, 22, 25, 26, 27, 29, 30
T157N	R71W	21, 22, 23, 25, 26, 27, 28, 29, 30
T157N	R72W	25, 26, 27, 28, 29, 30
T157N	R73W	19, 25, 26, 27, 28, 29, 30
T157N	R74W	19, 20, 21, 22, 23, 24

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Kent Vesterso, Chairman  
Towner County Water Resource Board  
940 2<sup>nd</sup> Ave.  
Cando, ND 58324

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Vesterso,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Towner County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

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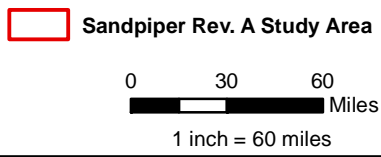
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

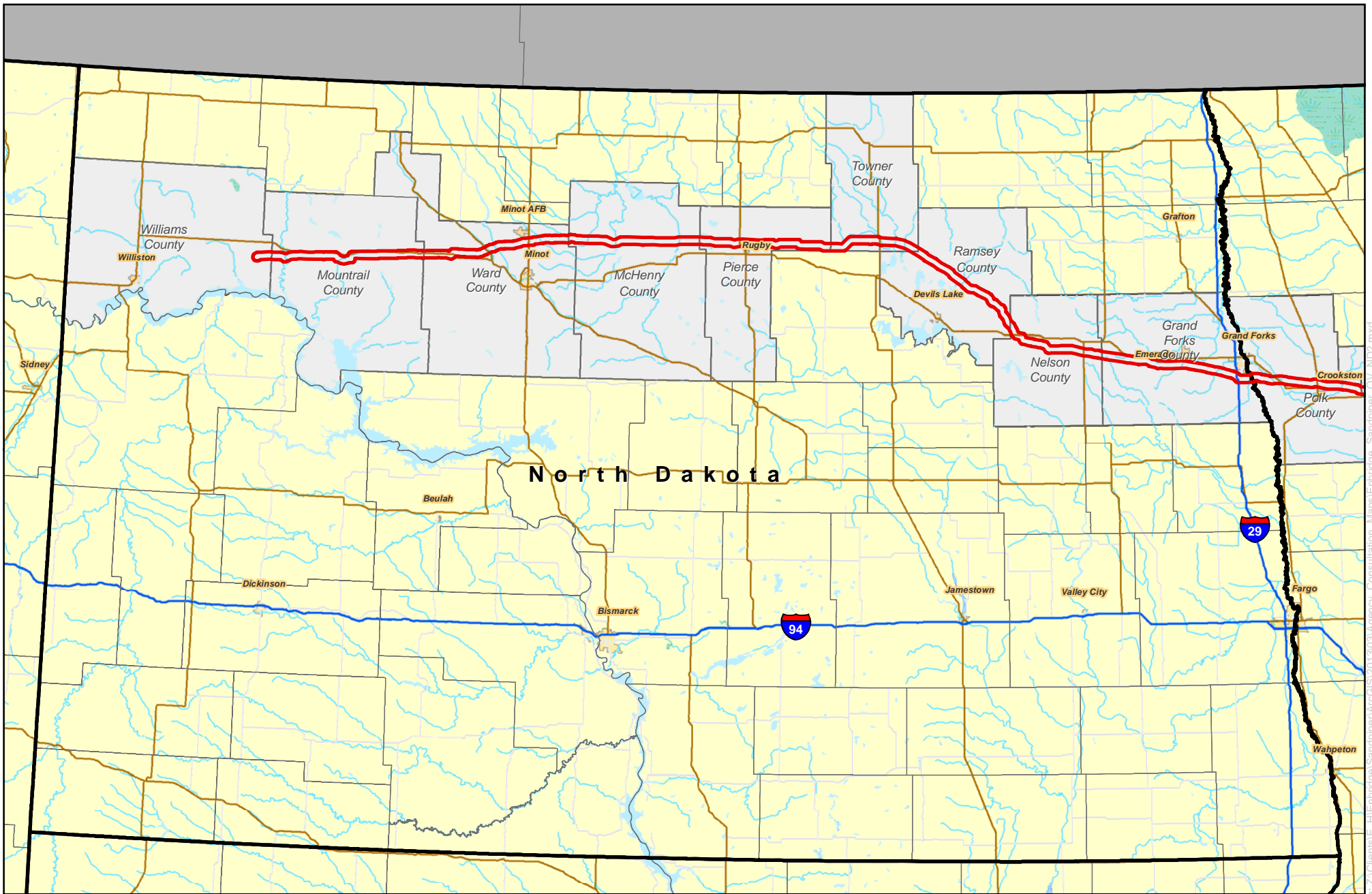
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

0 18 36  
 Miles

1 inch = 36 miles

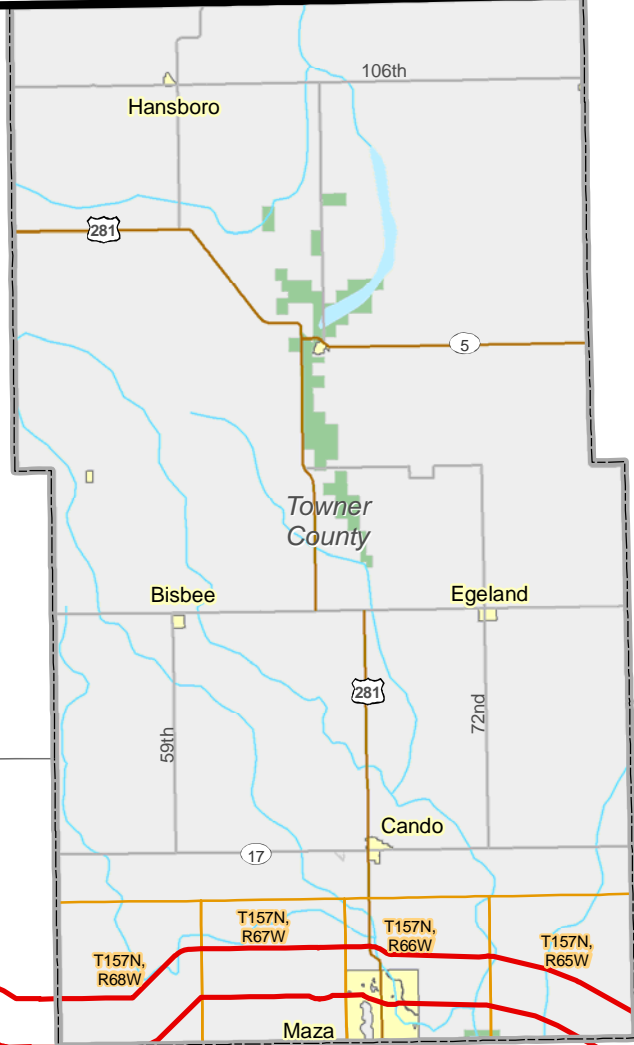


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**



Canada

North Dakota



 Sandpiper Rev. A Study Area

0 4 8  
Miles

1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Towner County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R65W	19, 20, 26, 27, 28, 29, 35, 36
T157N	R66W	19, 20, 21, 22, 23, 24
T157N	R67W	19, 20, 21, 22, 23, 24
T157N	R68W	23, 24, 26, 27, 31, 32, 33, 34
T157N	R69W	25

July 1, 2013

Jim Berg, Chairman  
Ramsey County Water Resource Board  
524 4<sup>th</sup> Avenue NE, Unit 12  
Devils Lake, ND 58301

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Berg,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Ramsey County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

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- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

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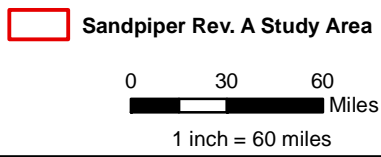
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

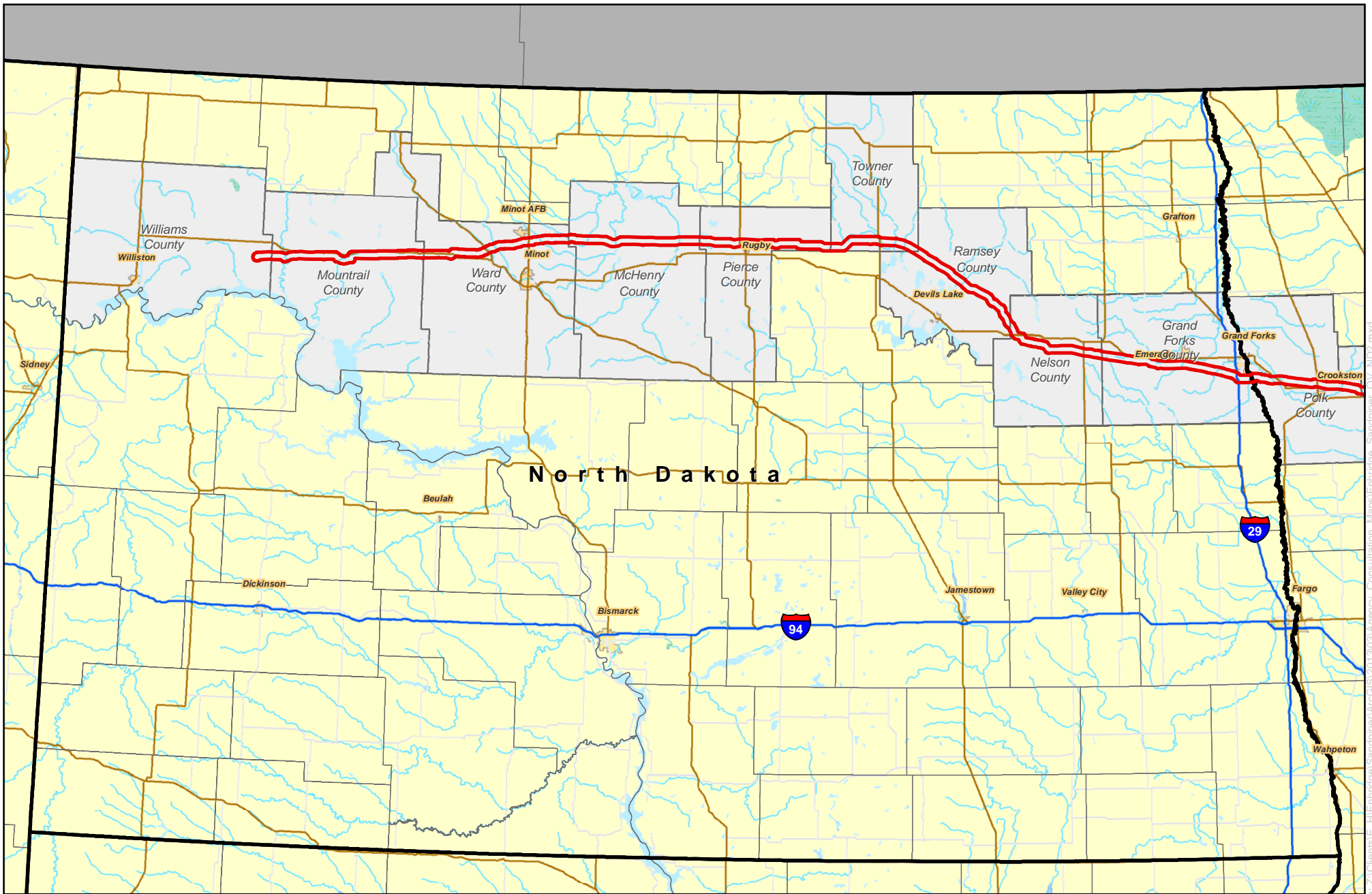
cc: Paul Hartzheim, Merjent



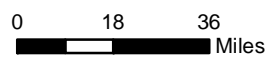
**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**



Date: (6/6/2016) Source: Z:\Clients\E\_H\Enbridge\Sandpiper\ArcGIS\2013\06\New\_Overview\_Maps\Enbridge\_Sandpiper\_OV.mxd



 Sandpiper Rev. A Study Area

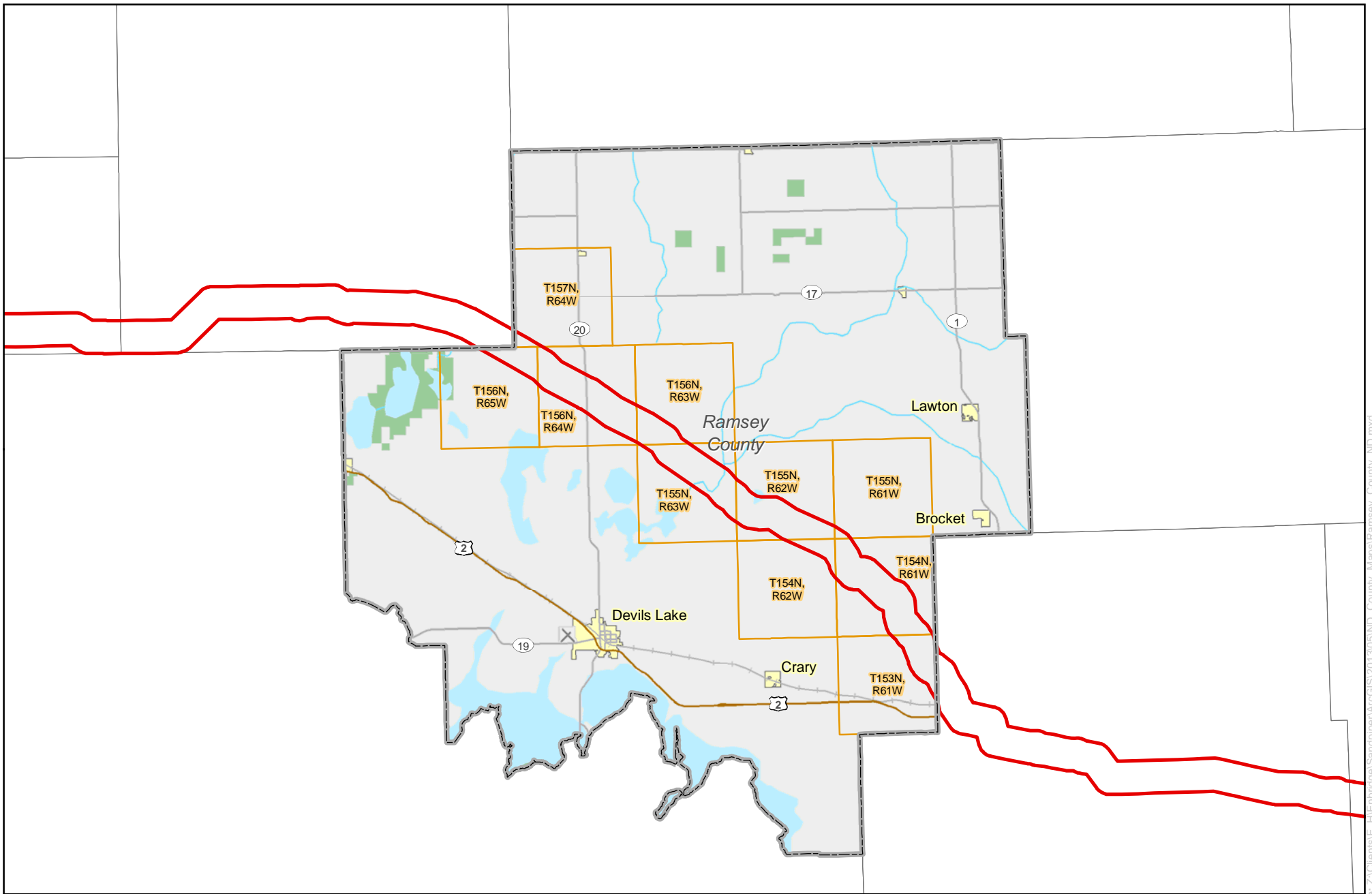


1 inch = 36 miles

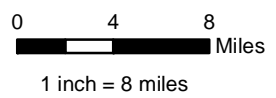


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Ramsey County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T153N	R60W	18, 19
T153N	R61W	1, 2, 12, 13
T154N	R61W	6, 7, 8, 15, 16, 17, 18, 21, 22, 26, 27, 34, 35, 36
T154N	R62W	1
T155N	R62W	19, 27, 28, 29, 30, 34, 35, 36
T155N	R63W	4, 5, 9, 10, 11, 13, 14, 24
T156N	R63W	30, 31, 32
T156N	R64W	1, 6, 7, 8, 15, 16, 17, 22, 23, 25, 26
T156N	R65W	2
T157N	R65W	35, 36

July 1, 2013

Ben Varnson, Chairman  
Nelson County Water Resource Board  
PO Box 446  
Lakota, ND 58344

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Varnson,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Nelson County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

We ask that your office provide the location(s) of county-regulated drainage features as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section, or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

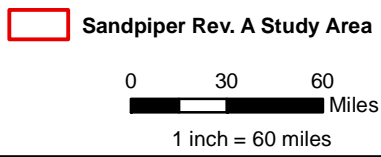
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

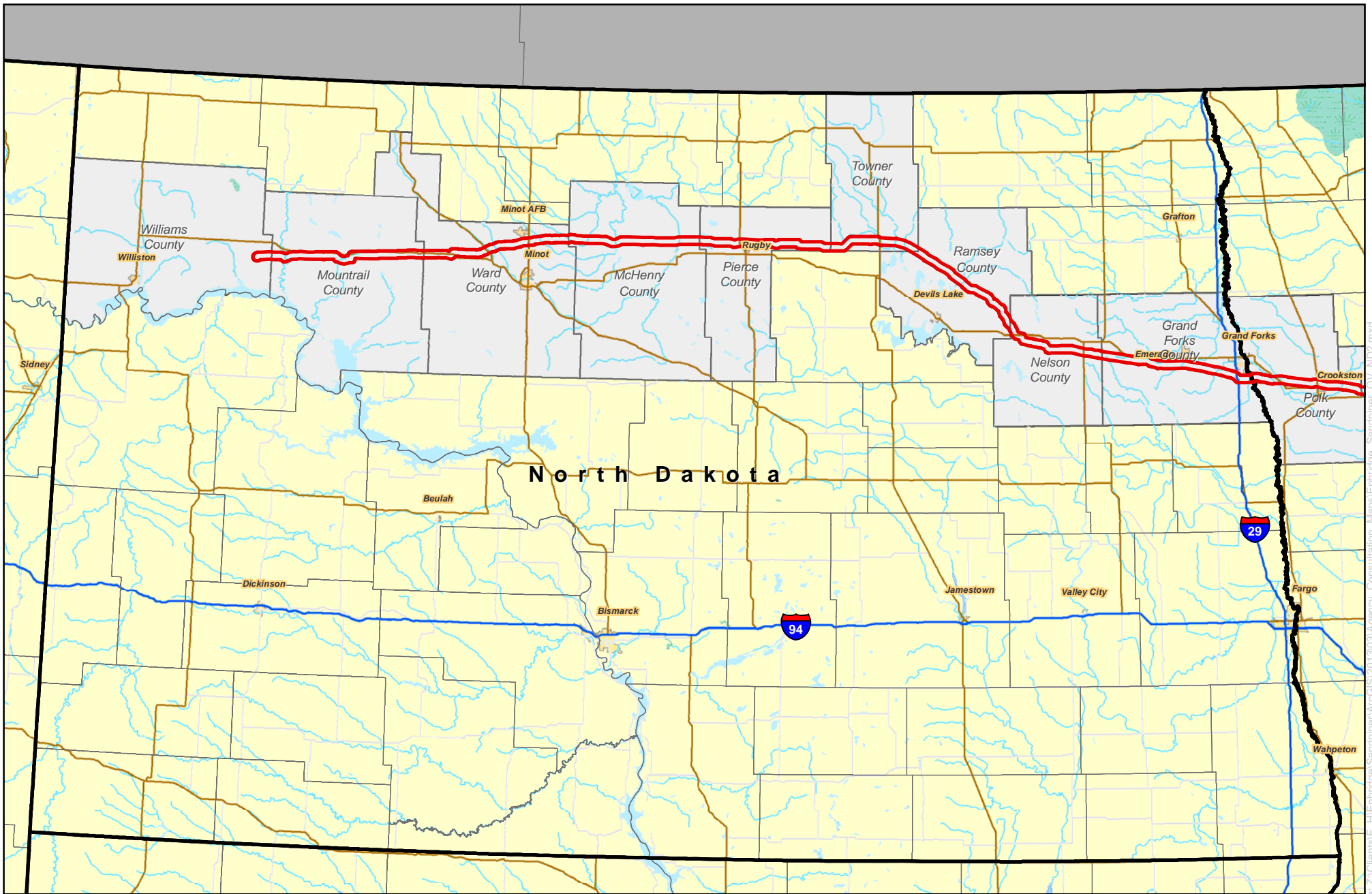
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

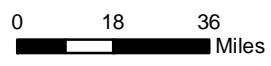


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

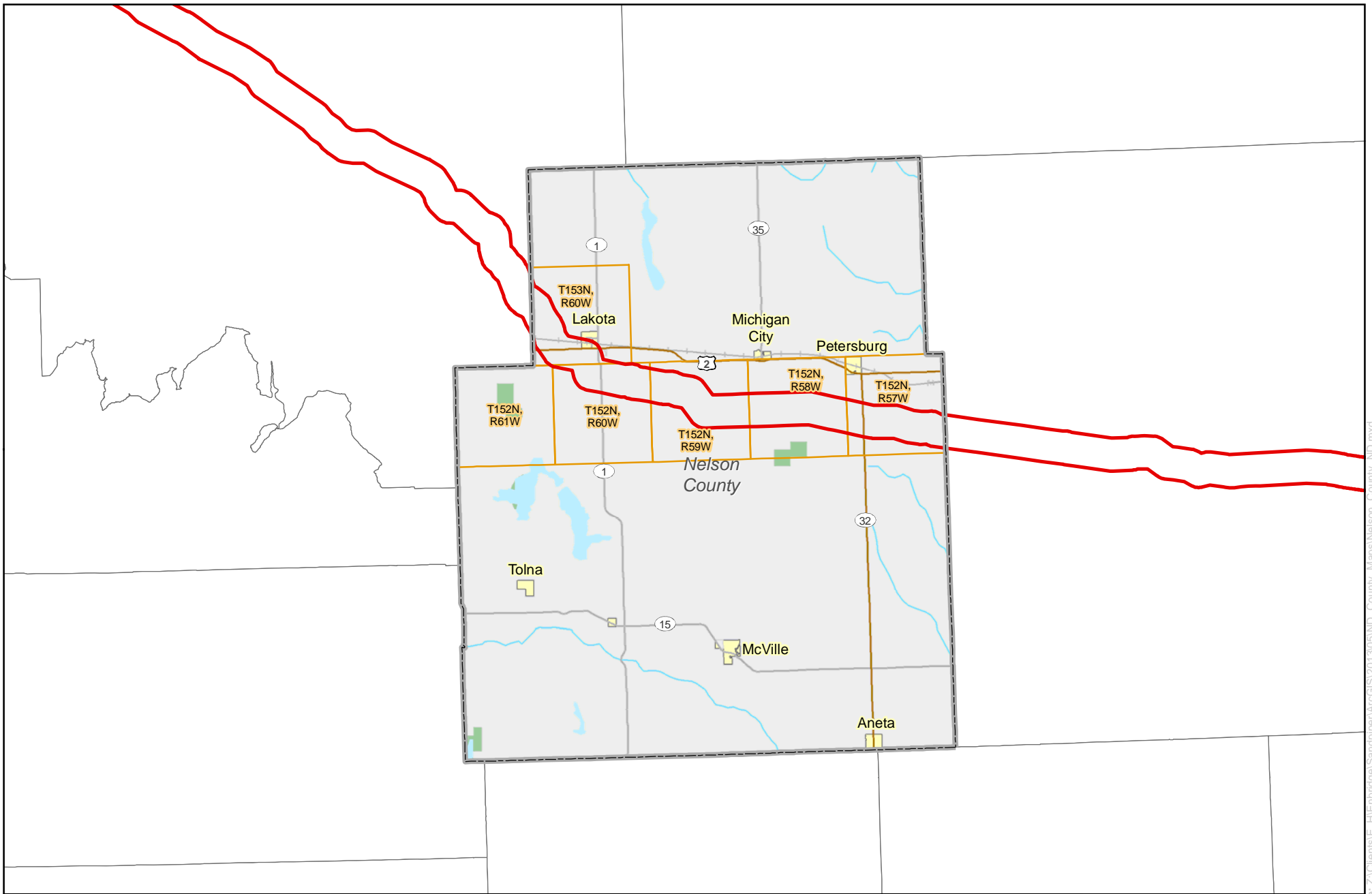


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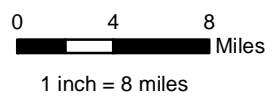


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Nelson County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T152N	R57W	19, 20, 21, 25, 26, 27, 28
T152N	R58W	19, 20, 21, 22, 23, 24
T152N	R59W	7, 8, 9, 15, 16, 22, 23, 24
T152N	R60W	2, 3, 4, 11, 12
T153N	R60W	7, 18, 19, 20, 29, 32, 33, 34
T153N	R61W	1, 12

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Richard Axvig, Chairman  
Grand Forks County Water Resource Board  
PO Box 5757  
Grand Forks, ND 58206

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding County-level drainage issues

Dear Mr. Axvig,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request information regarding drainage issues and potential local permits that may be required in Grand Forks County, and any other resource/program and county-level contact information that may aid in the development of construction plans and procedures to ensure compliance with applicable federal, state, and local regulations during the construction and operation of the pipeline.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map of the proposed pipeline route;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding local drainage concerns and potential permit requirements. To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- locations of county-regulated drains, ditches, and/or other drainage features;
- any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- any local ordinances or regulations related to drainage; and
- any permits issued through your office which may be applicable to the project, and a summary of the permit process and anticipated timeframes.

We ask that your office provide the location(s) of county-regulated drainage features as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section, or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for adverse effects to local hydrology and drainage during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

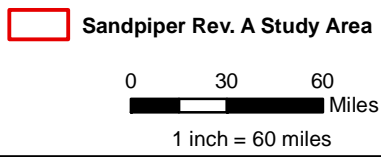
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline

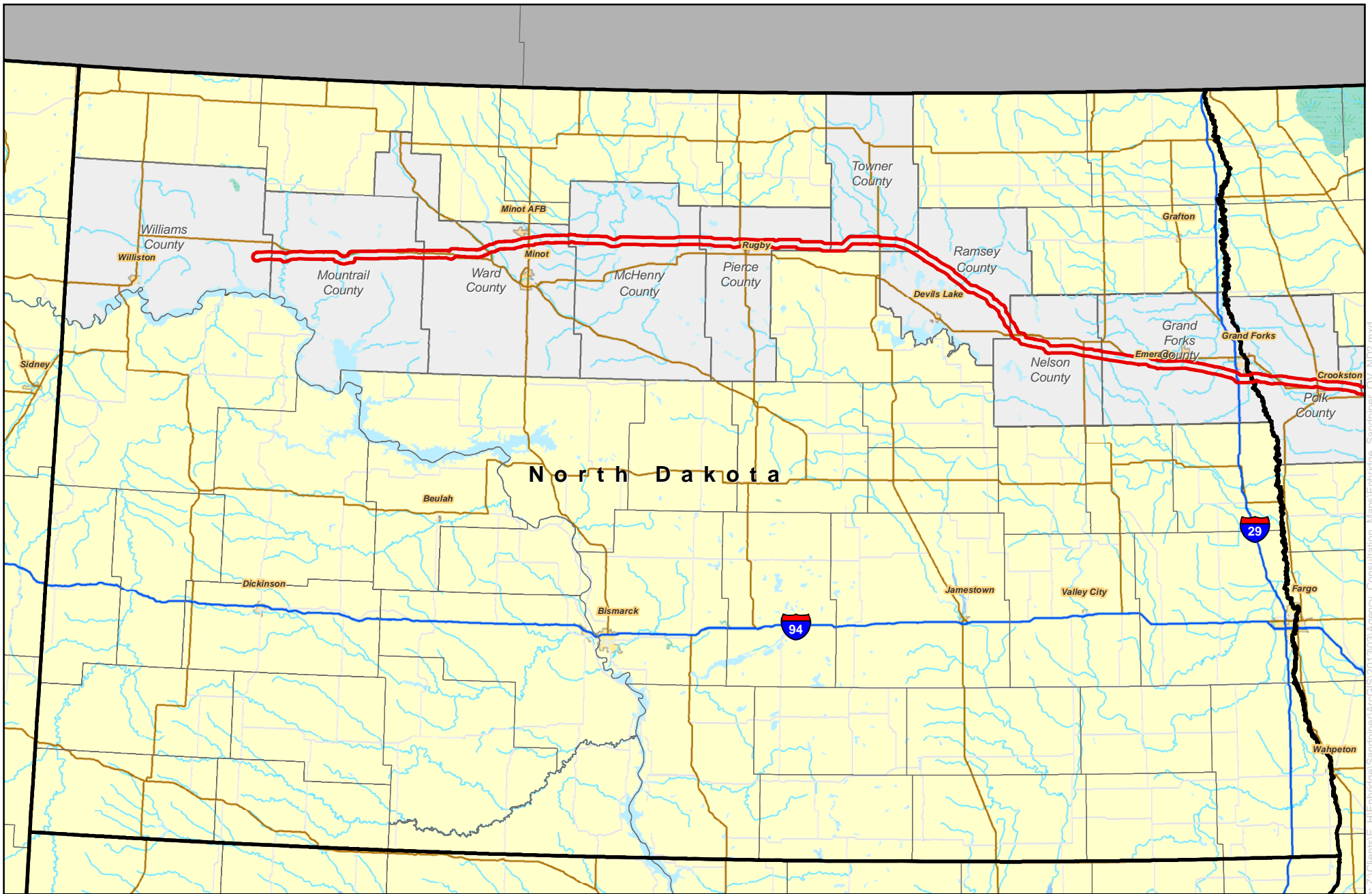
Project Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

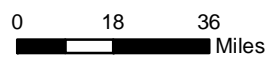


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

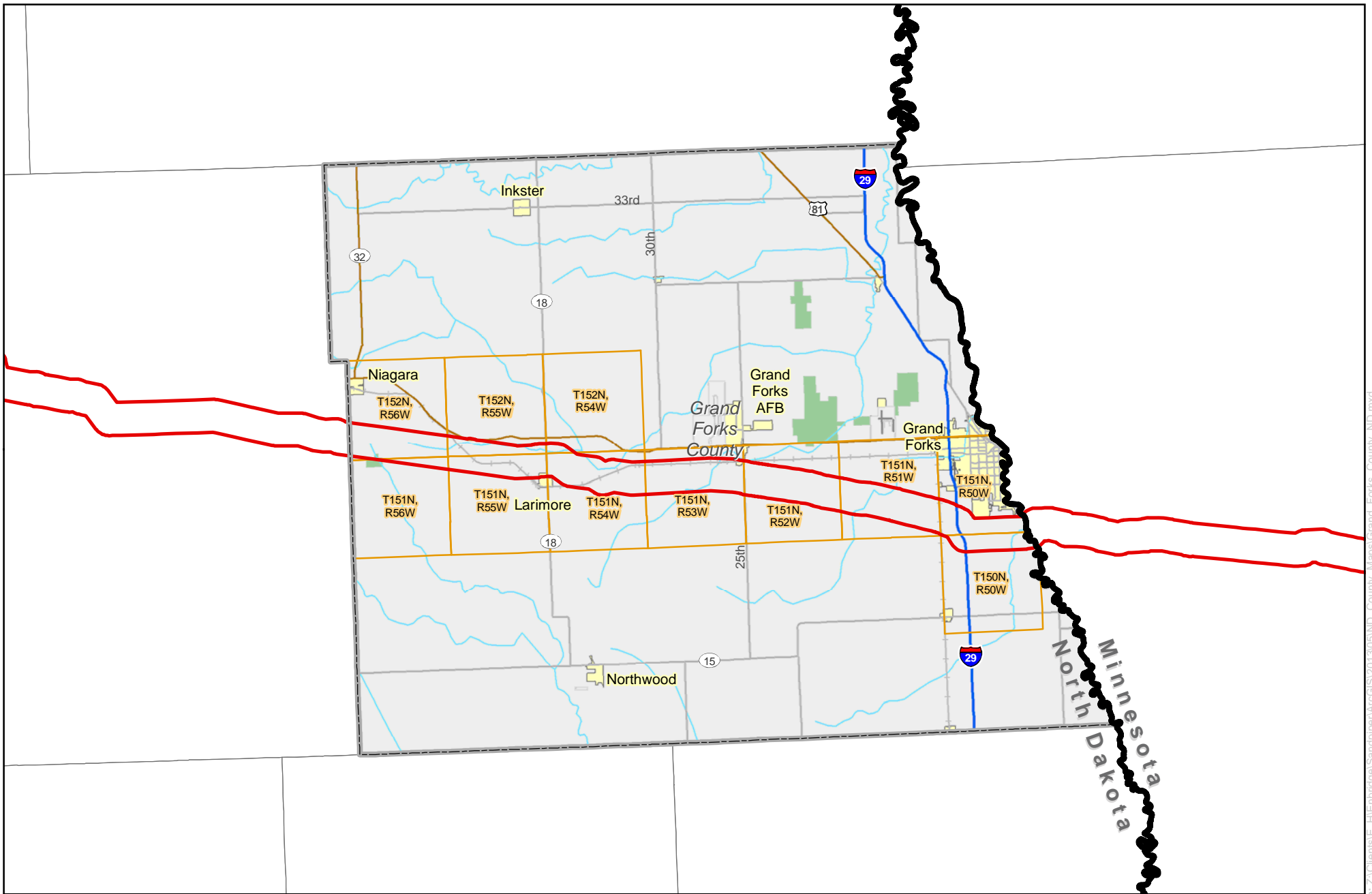


1 inch = 36 miles

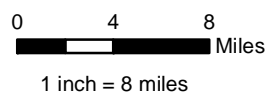


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Grand Forks County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T150N	R49W	6
T150N	R50W	1, 2, 3, 4, 5
T151N	R49W	31
T151N	R50W	30, 31, 32
T151N	R51W	19, 20, 22, 25, 26, 27
T151N	R52W	7, 14, 15, 16, 17, 18, 23, 24
T151N	R53W	7, 8, 9, 10, 11, 12
T151N	R54W	5, 6, 8, 9, 10, 11, 12
T151N	R55W	1, 2, 3, 4, 5
T152N	R55W	31, 32
T152N	R56W	29, 30, 32, 33, 34, 35, 36
T152N	R57W	25

Enbridge Pipelines (North Dakota) LLC  
 North Dakota PSC Application  
 October 2013  
 Docket No. PU-13-187



<b>EXHIBIT H.13</b>		
<b>Sandpiper Pipeline Project Agency Consultation Correspondence</b>		
<b>North Dakota County Weed Control Boards (WCB)</b>		
<b>North Dakota Counties</b>	<b>Date of Initial Consultation Correspondence</b>	<b>Date of County's Reply Correspondence</b>
<b>Williams</b>	07-01-2013	No Response
<b>Mountrail</b>	07-01-2013	No Response
<b>Ward</b>	07-01-2013	No Response
<b>McHenry</b>	07-01-2013 08-29-2013	09-26-2013
<b>Pierce</b>	07-01-2013	No Response
<b>Towner</b>	07-01-2013	No Response
<b>Ramsey</b>	07-01-2013	07-23-2013
<b>Nelson</b>	07-01-2013	08-09-2013
<b>Grand Forks</b>	07-01-2013	No Response
<p>Note: Original consultation letters are included for only those counties that did not provide a response. All original consultation letters included the same project description and differed only in the identification of county-specific weeds, the county overview maps, and the listing of township, range, and sections crossed by the project.</p>		



# McHenry County Weed Control Board

PO Box 175 • Towner, N.D. 58788-0175  
Phone 537-5458

Chairman:

**Jerome Peerboom**

Vice Chairman:

**Marlow Kitzman**

Members:

**George Lemer  
Jo Ashley  
Tom Krumwiede**

Secretary-Treasurer:

**Lorinda Haman**

Weed Control Officer:

**Weed Board**

Weed Supervisors:

**Larry Haman  
Joe J. Haman**

September 26, 2013

Enbridge Pipelines (ND) LLC  
Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880

Dear Ms. Ploetz,

The McHenry County Weed Control Board recently met and discussed your request for noxious and invasive weed locations, treatments and other information. The conclusion is that you will find a wide variety of weeds – noxious and invasive - across the entire county. There are very minimal spots that weeds will not be present. Therefore they will not attempt to highlight areas on the maps you sent. Enclosed you will find an ID booklet, a Weed Control Guide and the ND Noxious Weed Law and Regulation Book.

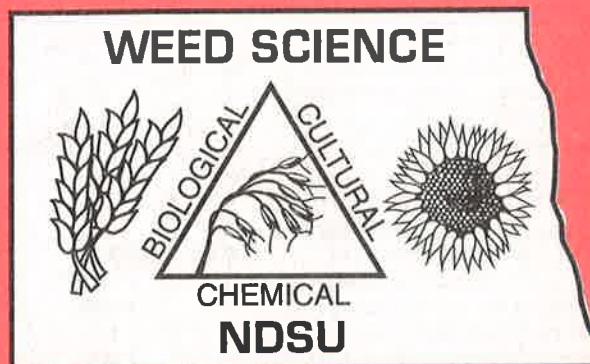
The Board expressed the need and attention to insuring your equipment is clean before entering the county and before leaving the county in order to reduce the possibility of spreading weeds.

Sincerely,



Lorinda Haman, Secretary  
McHenry County Weed Control Board

# 2013 NORTH DAKOTA WEED CONTROL GUIDE



Compiled by:

**Rich Zollinger** Extension Weed Science

Contributors:

<b>Mike Christoffers</b>	Research Weed Science, Weed Genetics
<b>Greg Endres</b>	Extension Area Agronomist, Carrington
<b>Greta Gramig</b>	Research Weed Science, Weed Ecology
<b>Kirk Howatt</b>	Research Weed Science, Small Grains/Minor Crops
<b>Brian Jenks</b>	Research Weed Science, NCREC, Minot
<b>Rod Lym</b>	Research Weed Science, Noxious/Invasive Weeds
<b>Mike Ostlie</b>	Research Agronomist/Weed Science, Carrington
<b>Andy Robinson</b>	NDSU/U of MN Extension Agronomist, Potato
<b>Jeff Stachler</b>	NDSU/U of MN Extension Weed Science, Sugarbeet
<b>Andrew Thostenson</b>	Extension Pesticide Programs
<b>Harlene H. Valenti</b>	Research, High Value Crops

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**THIS PUBLICATION SUPERCEDES ALL PREVIOUS ISSUES OF W-253 SUBJECT TO CONDITIONS UNDER "WEED GUIDE INFORMATION"**

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[www.ndsu.edu/weeds/](http://www.ndsu.edu/weeds/)

**NDSU** EXTENSION SERVICE

**NDSU** NORTH DAKOTA AGRICULTURAL EXPERIMENT STATION

JANUARY 2013

# NORTH DAKOTA'S NOXIOUS WEED LAW & REGULATIONS



NORTH DAKOTA DEPARTMENT OF AGRICULTURE  
DOUG GOHRING - COMMISSIONER



Field Identification Guide for Twenty-Five  
**NORTH DAKOTA  
TROUBLESOME  
INVASIVE PLANTS**



**From:** [Paul M. Hartzheim](#)  
**To:** [SPPArchive](#); [Angela M. Ronayne](#)  
**Subject:** Fwd: Nelson County Noxious Weeds  
**Date:** Friday, August 09, 2013 1:16:21 PM  
**Attachments:** [nelsonhwy@gondtc.com\\_20130809\\_103225.pdf](#)  
[ATT00001.htm](#)

---

FYI

Paul Hartzheim

Begin forwarded message:

**From:** Sara Ploetz <[Sara.Ploetz@enbridge.com](mailto:Sara.Ploetz@enbridge.com)>  
**Date:** August 9, 2013, 1:06:22 PM CDT  
**To:** "Paul M. Hartzheim" <[PHartzheim@Merjent.com](mailto:PHartzheim@Merjent.com)>, "Angela M. Ronayne" <[ARonayne@Merjent.com](mailto:ARonayne@Merjent.com)>  
**Subject:** FW: Nelson County Noxious Weeds

FYI - I did ask her if she had any recommendations for controlling during construction.

Sara Ploetz  
Environmental Analyst II, Sandpiper Project

ENBRIDGE  
TEL: 715-398-4730 | FAX: 713-821-9927 | CELL: 715-718-1723  
1409 Hammond Avenue, Superior, WI 54880  
[www.enbridge.com](http://www.enbridge.com)  
Integrity. Safety. Respect.

-----Original Message-----  
From: Nelson County Highway Department  
[<mailto:nelsonhwy@gondtc.com>]  
Sent: Friday, August 09, 2013 11:39 AM  
To: Sara Ploetz  
Subject: Nelson County Noxious Weeds

Attached you will see a list of noxious weeds in the area of concern. I hope this is what you were looking for.

Debbie

---

\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*

Unless otherwise indicated or obvious from the nature of the transmittal,

the information contained in this email message is CONFIDENTIAL information intended for the use of the individual or entity named herein. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender using the above contact information or by return email and delete this message and any copies from your computer system. Thank you.

# NOXIOUS INVASIVE WEED LOCATIONS - NELSON COUNTY

TOWNSHIP	NORTHING	WESTING	TO	NORTHING	WESTING	WEED
LAKOTA	48.3.024	98.25.348		48.3.206	98.25.346	CANADA THISTLE
	48.3.495	98.25.258		48.3.713	98.25.105	CANADA THISTLE
	48.3.894	98.25.220		48.4.179	98.25.341	CANADA THISTLE
	48.4.253	98.25.340		48.4.604	98.25.339	CANADA THISTLE
	48.4.706	98.25.340				CANADA THISTLE
	48.5.608	98.25.255		48.5.610	98.25.086	MUSK THISTLE
	48.5.607	98.25.057		48.5.609	98.24.053	CANADA THISTLE
	48.5.458	98.24.044				CANADA THISTLE
	48.4.743	98.24.126				CANADA THISTLE
	48.3.003	98.25.231		48.3.005	98.24.895	CANADA THISTLE
	48.3.005	98.24.408		48.3.005	98.28.309	CANADA THISTLE
	48.3.008	98.22.226				
	48.2.022	98.24.053		48.1.585	98.24.055	CANADA THISTLE
	48.1.367	98.24.055				CANADA THISTLE
	48.1.270	98.20.227				CANADA THISTLE
	48.1.267	98.21.557				CANADA THISTLE
WILLIAMS	48.0.314	98.16.1				CANADA THISTLE
	48.0.326	98.16.05		48.0.325	98.15.831	CANADA THISTLE & LEAFY SPURGE
	48.0.068	98.14.846		47.59.895	98.14.848	CANADA THISTLE
	47.59.613	98.14.848				CANADA THISTLE
	47.58.774	98.13.549		47.59.202	98.13.549	CANADA THISTLE
	47.59.652	98.13.55		48.0.122	98.13.551	CANADA THISTLE
	48.0.329	98.13.553				CANADA THISTLE
	47.58.588	98.13.27		47.58.587	98.12.908	CANADA THISTLE
	48.0.314	98.12.255		47.59.862	98.12.256	CANADA THISTLE
	47.59.708	98.12.257		47.59.451	98.12.255	CANADA THISTLE
	47.59.375	98.12.254				CANADA THISTLE
	47.59.046	98.12.254				CANADA THISTLE
	47.58.776	98.12.254				CANADA THISTLE
	47.58.188	98.12.256				CANADA THISTLE
	47.58.586	98.11.618		47.58.587	98.11.252	CANADA THISTLE
	47.57.758	98.9.662		47.58.588	98.9.668	CANADA THISTLE
	47.58.59	98.9.872				CANADA THISTLE
	47.58.587	98.9.904				CANADA THISTLE
	47.58.584	98.10.069		47.58.587	98.10.307	CANADA THISTLE
	47.58.588	98.10.495				CANADA THISTLE
	47.58.587	98.9.129				CANADA THISTLE
ILLINOIS	48.0.334	98.23.779		48.0.332	98.23.114	CANADA THISTLE
	48.0.332	98.23.064		48.0.33	98.22.837	CANADA THISTLE
	48.0.329	98.22.837				LEAFY SPURGE
	48.0.33	98.22.745				CANADA THISTLE
	48.0.334	98.24.00		48.0.335	98.24.238	CANADA THISTLE
	48.0.336	98.24.461		48.0.340	98.25.105	CANADA THISTLE

SURVEYED AUGUST 6-8, 2013

# NOXIOUS INVASIVE WEED LOCATIONS - NELSON COUNTY

	48.0.331	98.25.11	47.59.752	98.25.109	CANADA THISTLE
	47.59.683	98.25.109	47.59.466	98.25.096	CANADA THISTLE
	47.59.467	98.25.1	47.59.467	98.24.943	CANADA THISTLE
	47.59.467	98.24.797	47.59.467	98.24.402	CANADA THISTLE
DODDS	48.00.329	98.20.139	48.00.330	98.20.641	CANADA THISTLE
	48.01.268	98.17.408			CANADA THISTLE
	48.00.327	98.18.757			CANADA THISTLE
	48.00.324	98.17.564			CANADA THISTLE
	48.00.324	98.15.989			CANADA THISTLE
	47.59.617	98.14.845			CANADA THISTLE
	48.00.167	98.16.099			CANADA THISTLE
	47.59.468	98.17.395	48.00.325	98.17.378	CANADA THISTLE
MICHIGAN	47.58.585	98.7.999			CANADA THISTLE
	47.58.586	98.8.219			CANADA THISTLE
	47.58.487	98.5.829	47.58.320	98.5.826	CANADA THISTLE
	47.58.095	98.5.828			CANADA THISTLE
	47.57.719	98.5.847	47.57.72	98.6.278	CANADA THISTLE
	47.57.721	98.6.348	47.57.720	98.6.478	CANADA THISTLE
	47.57.721	98.6.599			CANADA THISTLE
	47.57.72	98.6.768	47.57.721	98.7.11	CANADA THISTLE
	47.57.72	98.7.00			LEAFY SPURGE
	47.57.77	98.07.116			CANADA THISTLE
	47.57.993	98.7.119			CANADA THISTLE
	47.58.29	98.7.118	47.58.581	98.7.121	LEAFY SPURGE & CANADA THISTLE
	47.57.721	98.04.568			CANADA THISTLE
	47.57.720	98.04.845	47.57.722	98.05.826	CANADA THISTLE
	47.57.814	98.05.825			CANADA THISTLE
	47.58.038	98.05.826			CANADA THISTLE
	47.58.251	98.05.828			CANADA THISTLE
	47.57.739	98.04.525	47.58.136	98.4.528	CANADA THISTLE
	47.58.383	98.04.527	47.58.461	98.4.527	CANADA THISTLE
	47.58.014	98.3.234			CANADA THISTLE
	47.58.274	98.03.235			CANADA THISTLE
	47.58.551	98.3.234			CANADA THISTLE
	47.58.201	98.1.943			CANADA THISTLE
	47.58.112	98.1.943	47.57.935	98.01.941	CANADA THISTLE
	47.57.718	98.01.906	47.57.718	98.01.424	CANADA THISTLE
	47.57.718	98.1.268	47.57.719	98.0.657	CANADA THISTLE
PETERSBURG	47.57.766	98.0.650			CANADA THISTLE
	47.58.320	98.0.646			CANADA THISTLE
	47.58.583	98.0.727			LEAFY SPURGE & CANADA THISTLE
	47.58.583	98.01.137			CANADA THISTLE
	47.58.584	98.01.318	47.58.586	98.01.569	LEAFY SPURGE
	47.58.587	98.01.633			CANADA THISTLE

SURVEYED AUGUST 6-8, 2013

## NOXIOUS INVASIVE WEED LOCATIONS - NELSON COUNTY

	47.58.585	98.00.493		47.58.591	97.59.919	LEAFY SPURGE & CANADA THISTLE
	47.58.591	97.59.672				CANADA THISTLE
	47.58.594	97.59.380		47.583.594	97.56.806	CANADA THISTLE & MUSK THISTLE
	47.58.577	97.58.103				LEAFY SPURGE & CANADA THISTLE
	47.58.420	97.58.098		47.57.099	97.58.092	CANADA THISTLE & MUSK THISTLE
	47.57.041	97.58.093				CANADA THISTLE
	47.56.855	97.58.072		47.56.855	97.57.949	CANADA THISTLE
	47.56.852	97.57.357		47.56.852	97.57.250	CANADA THISTLE
	47.56.860	97.56.804				CANADA THISTLE
	47.57.505	97.56.802				CANADA THISTLE
	47.57.736	97.56.803				CANADA THISTLE
	47.57.918	97.56.802				CANADA THISTLE
	47.57.287	97.56.758		47.57.287	97.54.901	CANADA THISTLE
	47.57.287	97.54.629		47.57.285	97.54.234	CANADA THISTLE
	47.57.287	97.53.206		47.57.287	97.52.932	CANADA THISTLE
	47.57.346	97.52.921		47.57.546	97.52.923	MUSK THISTLE
	47.57.210	97.52.923		47.56.852	97.52.934	CANADA THISTLE
	47.57.434	97.54.212		47.57.722	97.54.212	CANADA THISTLE
	47.57.267	97.55.508		47.56.583	97.55.504	CANADA THISTLE & MUSK THISTLE
	47.57.317	97.55.511		47.58.022	97.55.507	CANADA THISTLE

SURVEYED AUGUST 6-8, 2013





## Telephone Log

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Date:

July 23, 2013

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To:

Roger Gunderson

---

Agency:

Ramsey County, Weed Control Officer

---

Phone Number:

(701) 662-7330

---

From:

Sara Ploetz

---

Company:

Enbridge

---

Phone Number:

715-398-4730

---

Subject:

Noxious and Invasive Weeds Locations

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I received a call from Roger Gunderson at the Ramsey County Weed Board on Tuesday, July 23. Mr. Gunderson was responding to the consultation letter sent on July 1 regarding Enbridge's request for information related to locations of known noxious and invasive weeds, as well as any recommendations regarding treatment of weeds prior to and during construction activities.

Mr. Gunderson indicated there were no real concentrations of weeds all the way through the county but we would run into sprinklings of them throughout the entire project corridor. The species discussed were:

- Canadian thistle
- Abisnth wormwood
- Leafy Spurge
- Common Milkweed

We briefly discussed that Enbridge typically sprays prior to construction as well as provide equipment cleaning measures to the contractor when dealing with known locations of noxious and invasive weeds. Mr. Gunderson had a few other questions about the project regarding pipe size, certainty, but no further discussion regarding weed control took place.



**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Jim Basaraba, Weed Control Officer  
Williams County Weed Board  
109 Main St.  
Williston, ND 58438-0002

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Basaraba,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Williams County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Williams County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

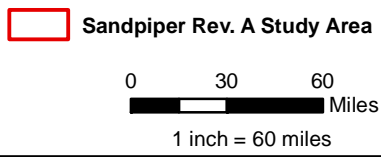
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

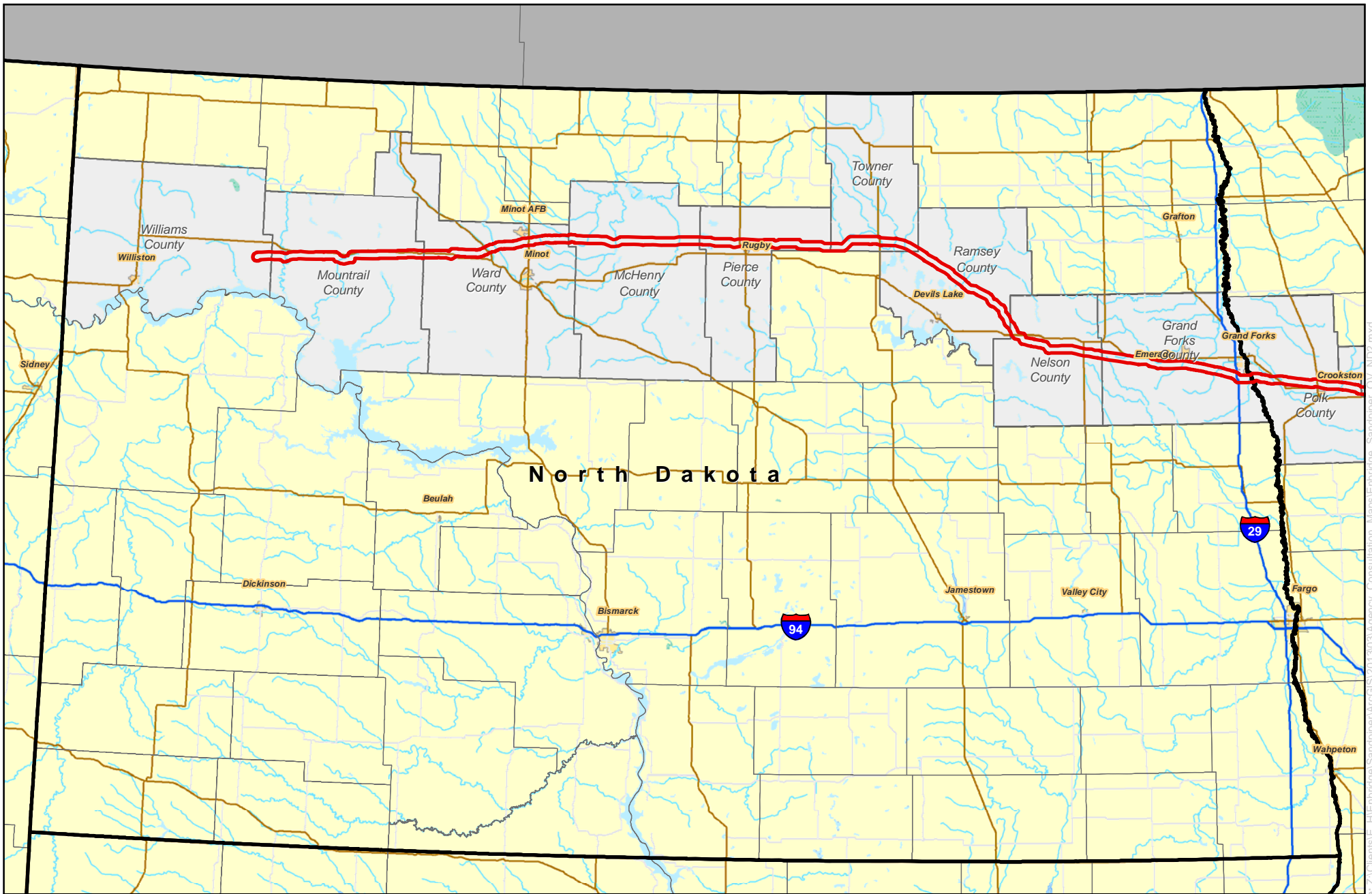
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

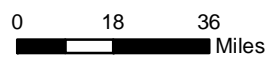


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area



1 inch = 36 miles

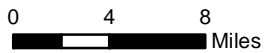


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Williams County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R95W	4, 5
T156N	R95W	33, 34, 35, 36

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Jim Hennessy, Weed Control Officer  
Mountrail County Weed Board  
PO Box 40  
Stanley, ND 58784-004

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Hennessy,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Mountrail County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Mountrail County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar
- Common tansy
- Houndstounge

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

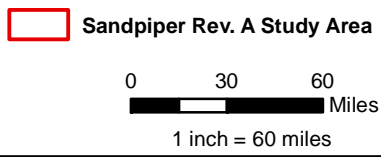
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

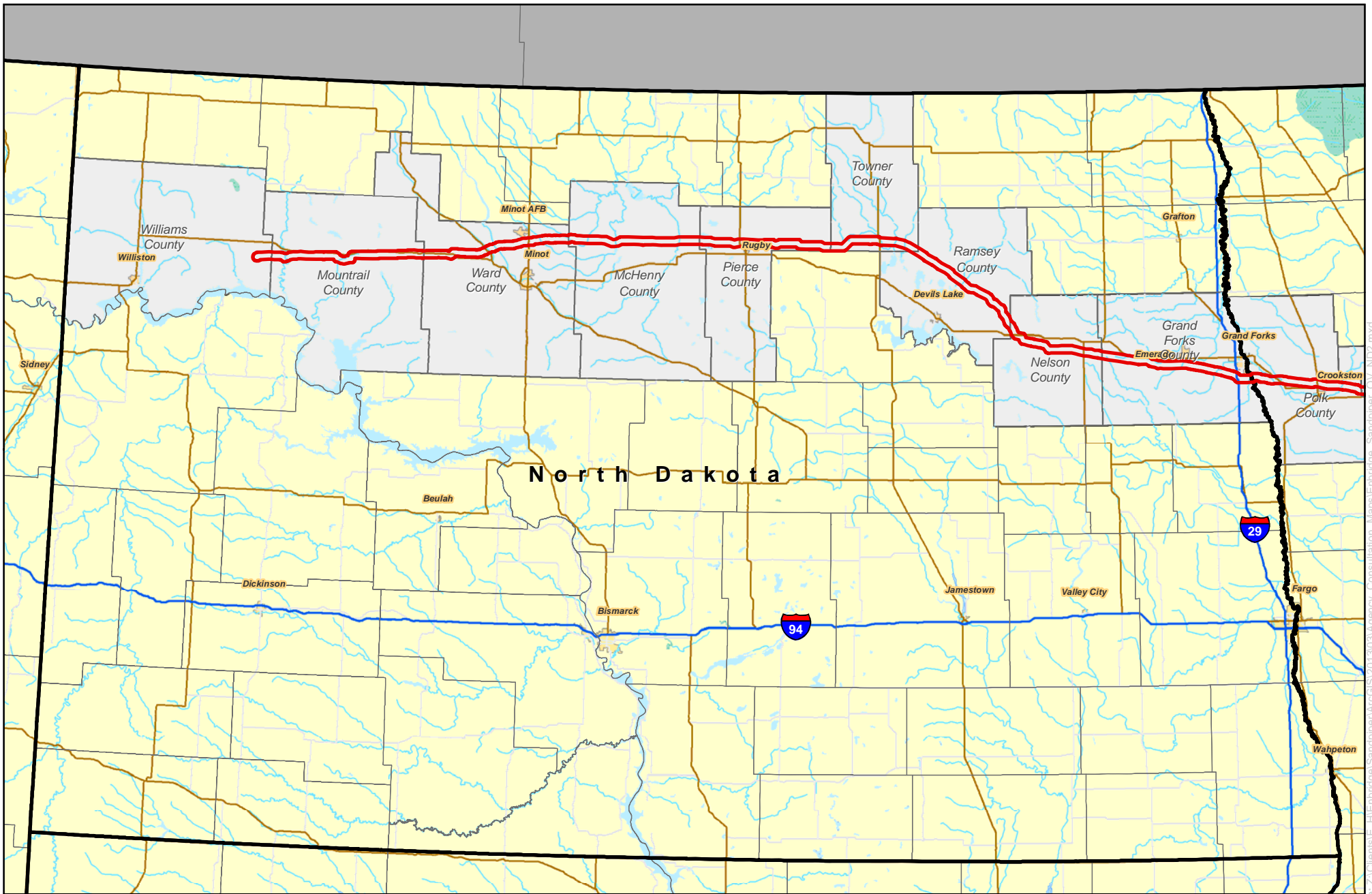
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

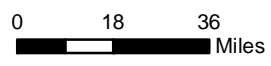


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

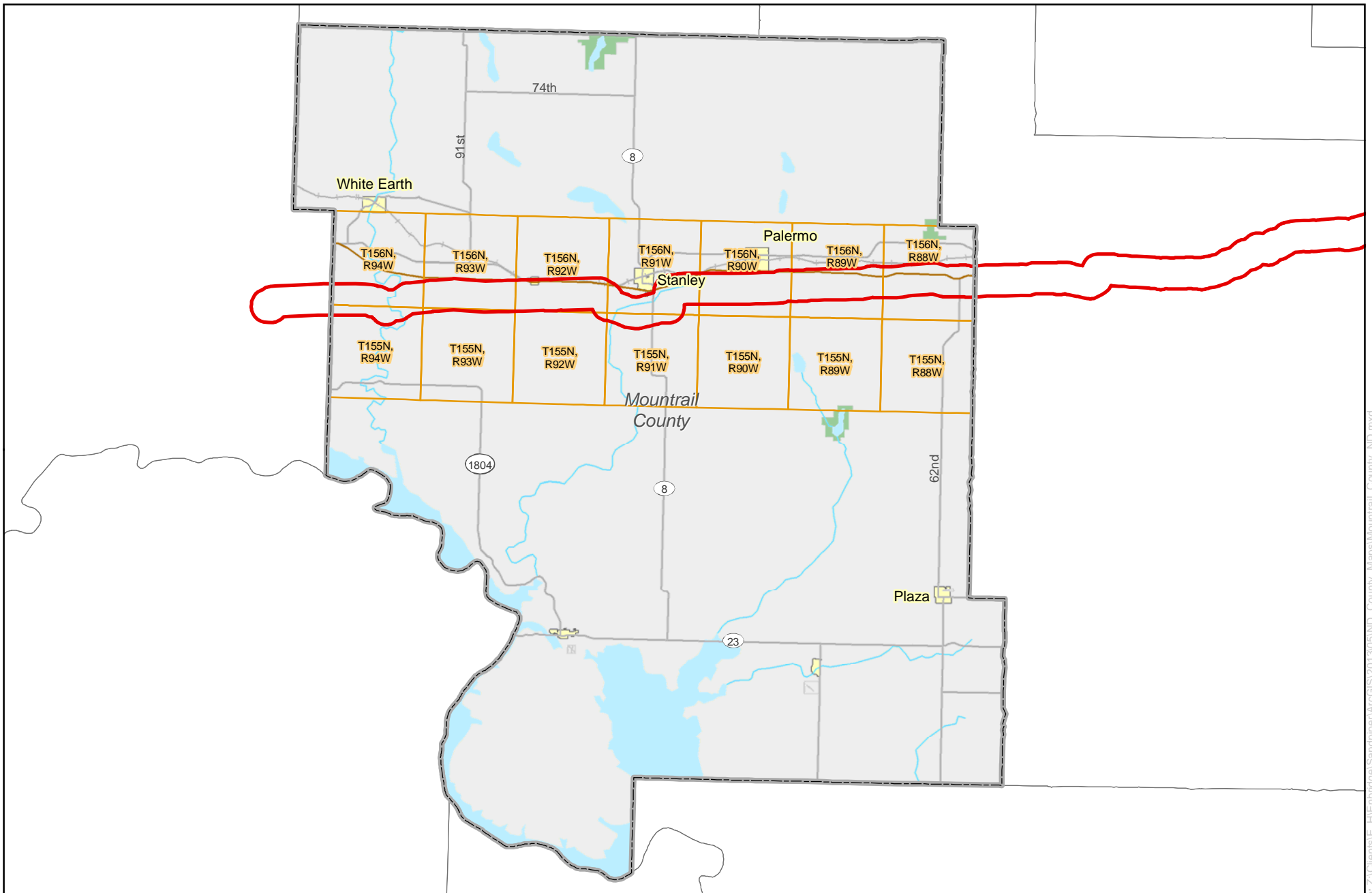



1 inch = 36 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

0 4.25 8.5  
Miles

1 inch = 8.5 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Mountrail County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T155N	R94W	3
T156N	R88W	19, 20, 21, 22, 23, 24
T156N	R89W	19, 20, 21, 22, 23, 24
T156N	R90W	24, 25, 26, 27, 28, 29, 30
T156N	R91W	25, 26, 31, 32, 33, 34, 35
T156N	R92W	25, 26, 27, 28, 29, 30, 31, 36
T156N	R93W	31, 32, 33, 34, 35, 36
T156N	R94W	31, 32, 33, 34, 35, 36
T156N	R95W	36

July 1, 2013

Derrill Fick, Weed Control Officer  
Ward County Weed Board  
PO Box 5005  
Minot, ND 58702-5005

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Fick,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Ward County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

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In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Ward County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar
- False chamomile
- Houndstounge

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

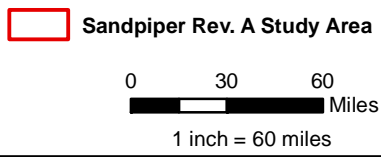
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

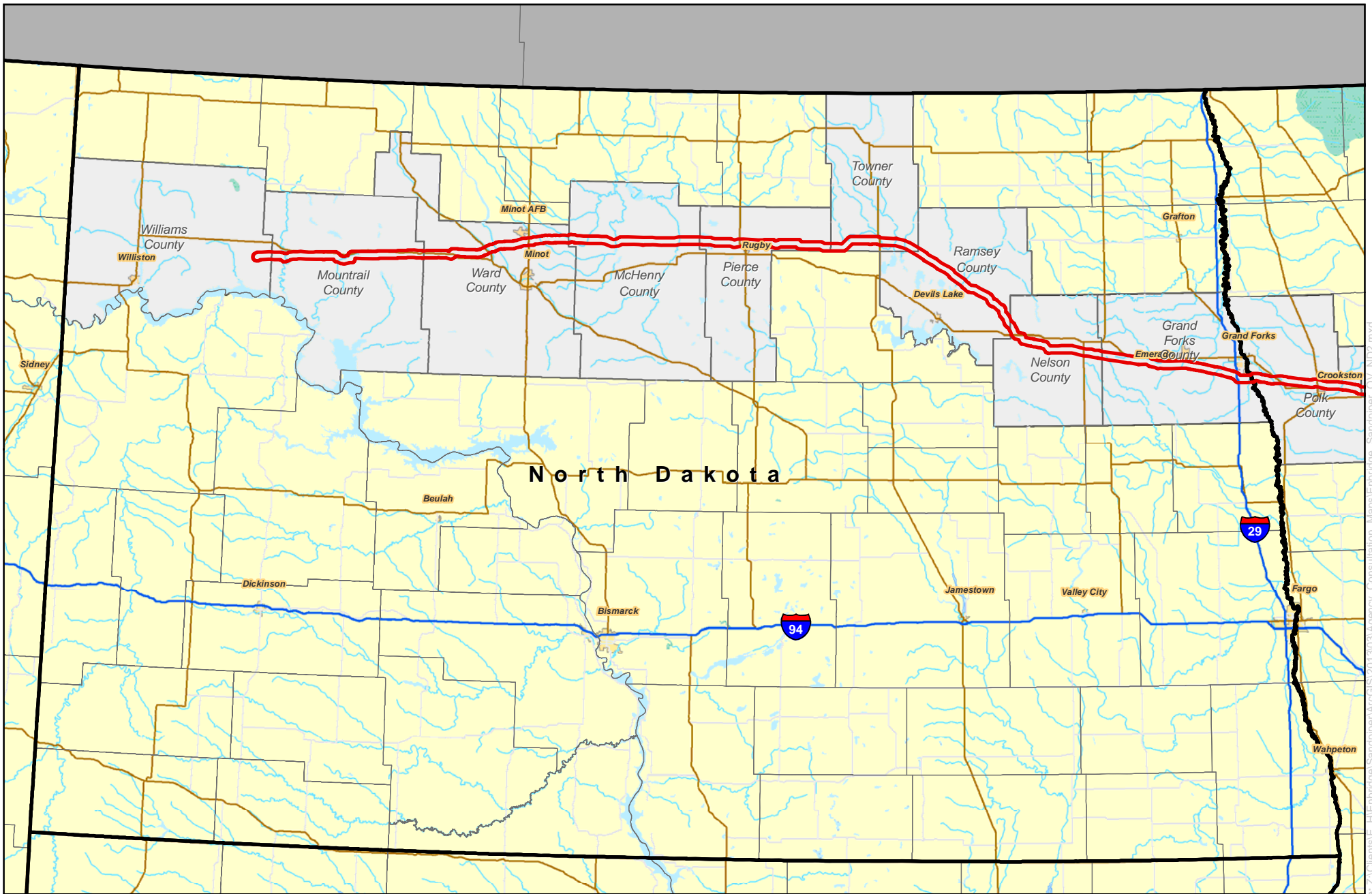
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

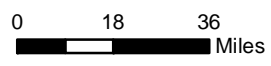


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

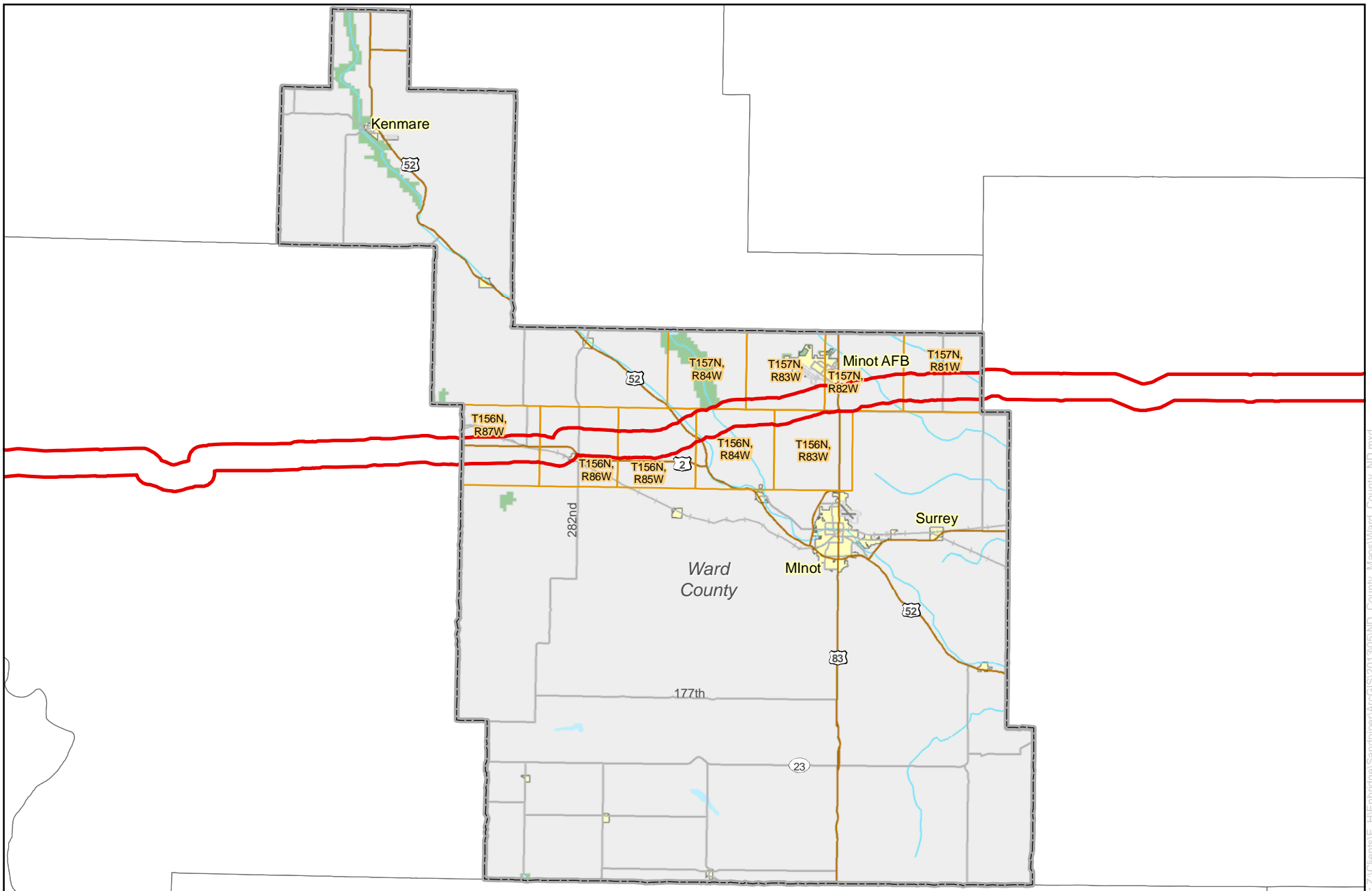


1 inch = 36 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

0 5 10  
Miles

1 inch = 10 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Ward County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T156N	R83W	6
T156N	R84W	1, 2, 3, 4, 5, 6, 7, 8
T156N	R85W	11, 12, 14, 15, 16, 17, 18
T156N	R86W	13, 14, 15, 16, 17, 19, 20, 21
T156N	R87W	19, 20, 21, 22, 23, 24
T156N	R88W	24
T157N	R81W	24, 25, 26, 27, 28, 29, 30
T157N	R82W	25, 26, 27, 28, 31, 32, 33
T157N	R83W	34, 35, 36

July 1, 2013

B.R. Hornstein, Weed Control Officer  
Pierce County Weed Board  
716 3<sup>rd</sup> Ave. SE, Apt. A  
Rugby, ND 58369

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Hornstein,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Pierce County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

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In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Pierce County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

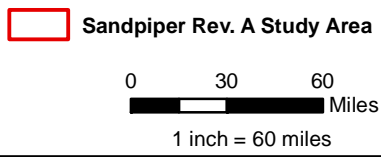
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

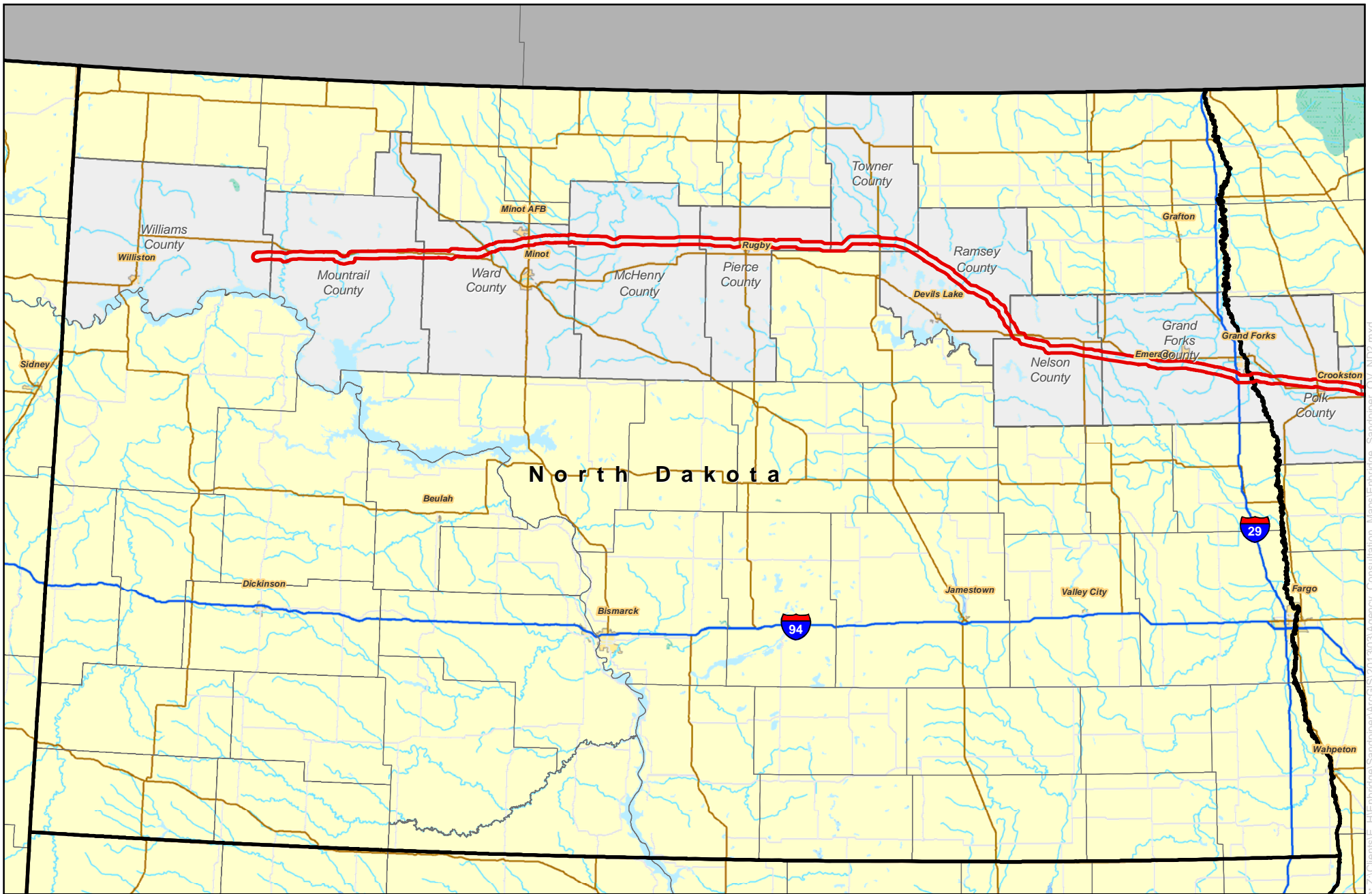
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent




**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

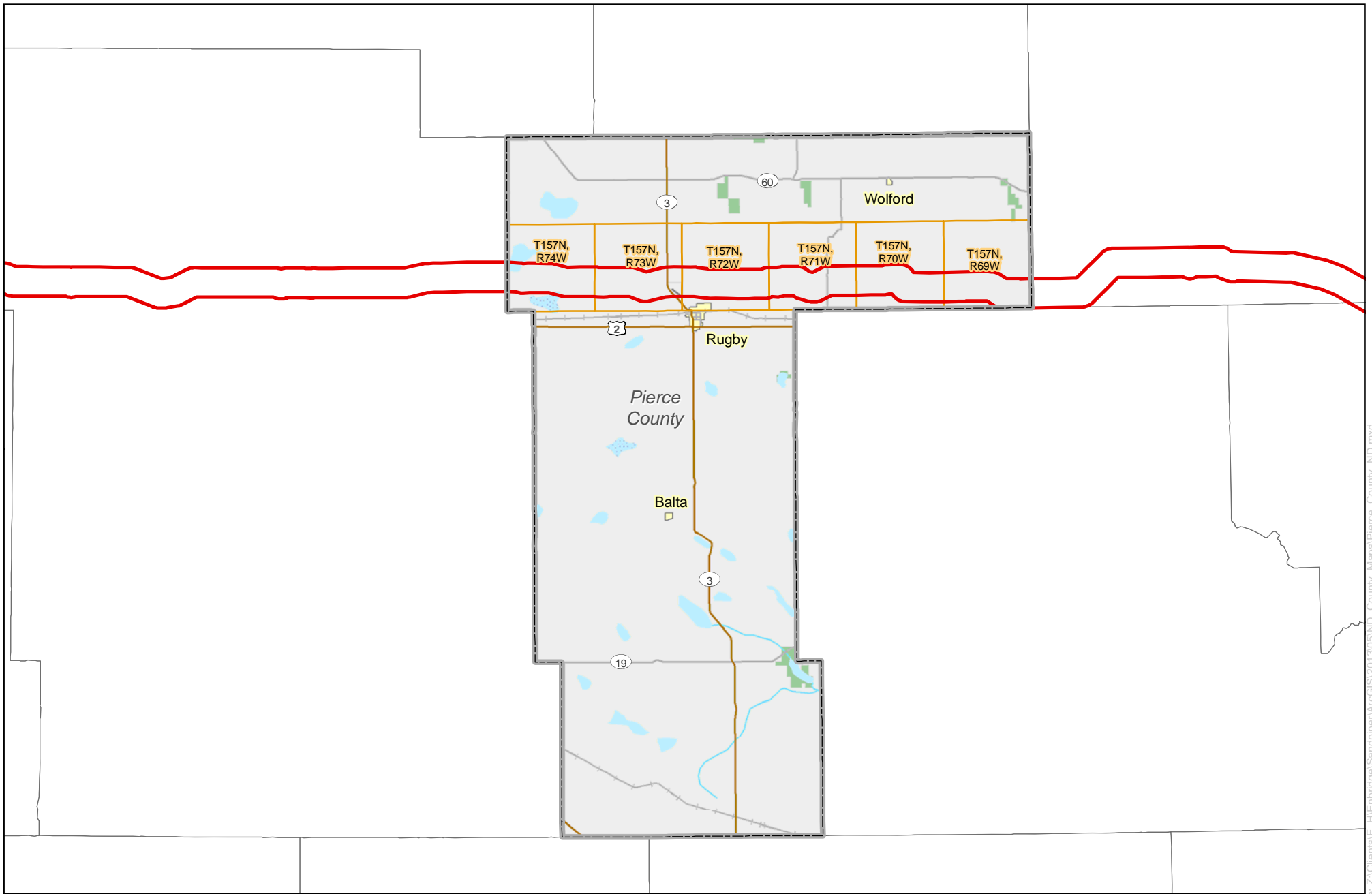
0 18 36  
 Miles

1 inch = 36 miles

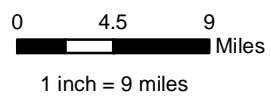


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Pierce County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R68W	31
T157N	R69W	25, 26, 27, 28, 29, 30, 36
T157N	R70W	20, 21, 22, 25, 26, 27, 29, 30
T157N	R71W	21, 22, 23, 25, 26, 27, 28, 29, 30
T157N	R72W	25, 26, 27, 28, 29, 30
T157N	R73W	19, 25, 26, 27, 28, 29, 30
T157N	R74W	19, 20, 21, 22, 23, 24

**Enbridge Pipelines (North Dakota) LLC** – Sara Ploetz, Environmental Analyst II  
1409 Hammond Avenue, Second Floor  
Superior, Wisconsin 54880  
Tel 715 398 4559  
[www.enbridgepartners.com](http://www.enbridgepartners.com)

July 1, 2013

Roger Copeland, Weed Control Officer  
Towner County Weed Board  
7383 67<sup>th</sup> St. NE  
Starkweather, ND 58377-9639

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Copeland,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Towner County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Towner County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

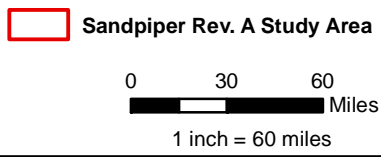
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

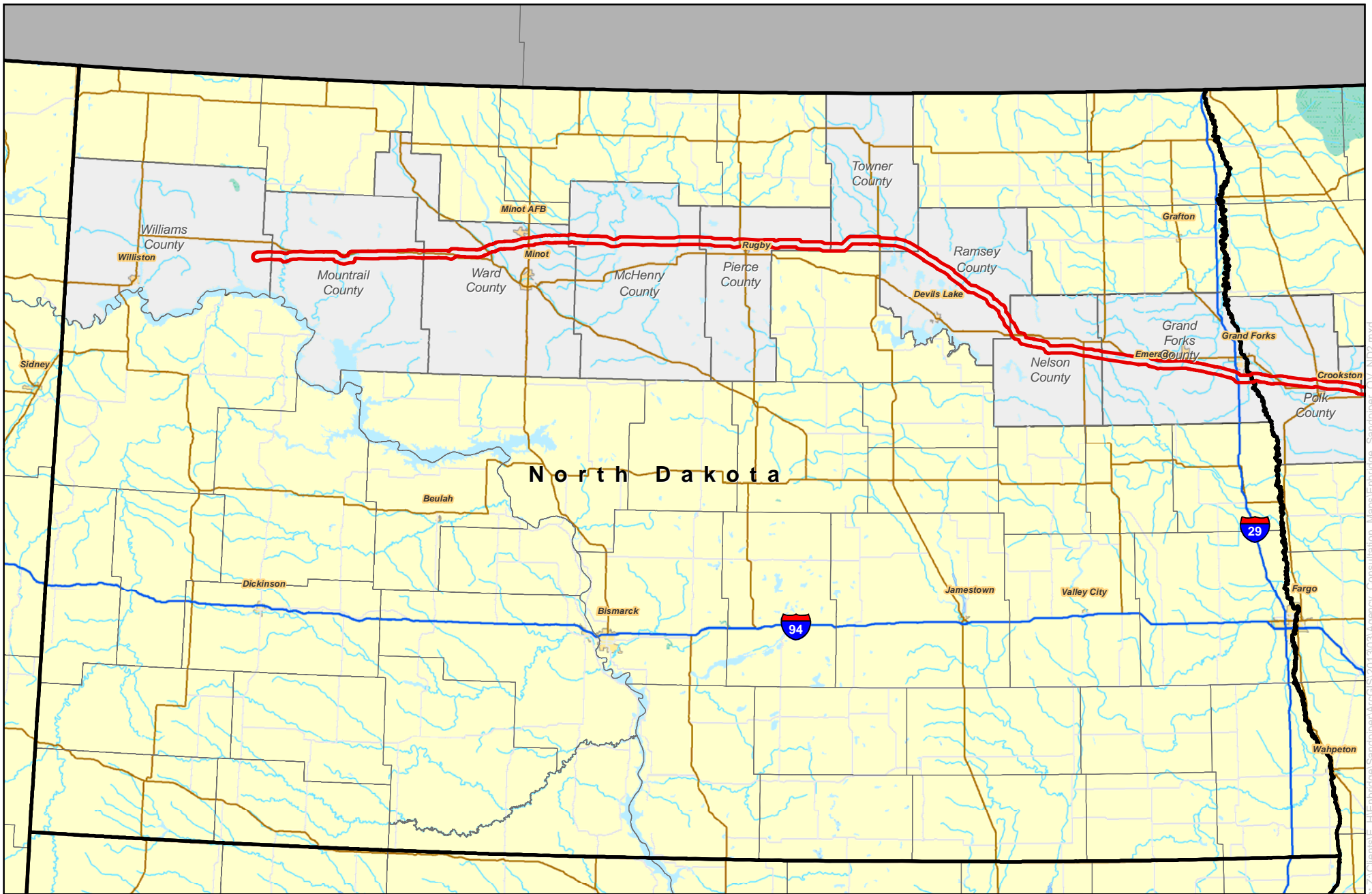
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

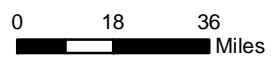


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area



1 inch = 36 miles

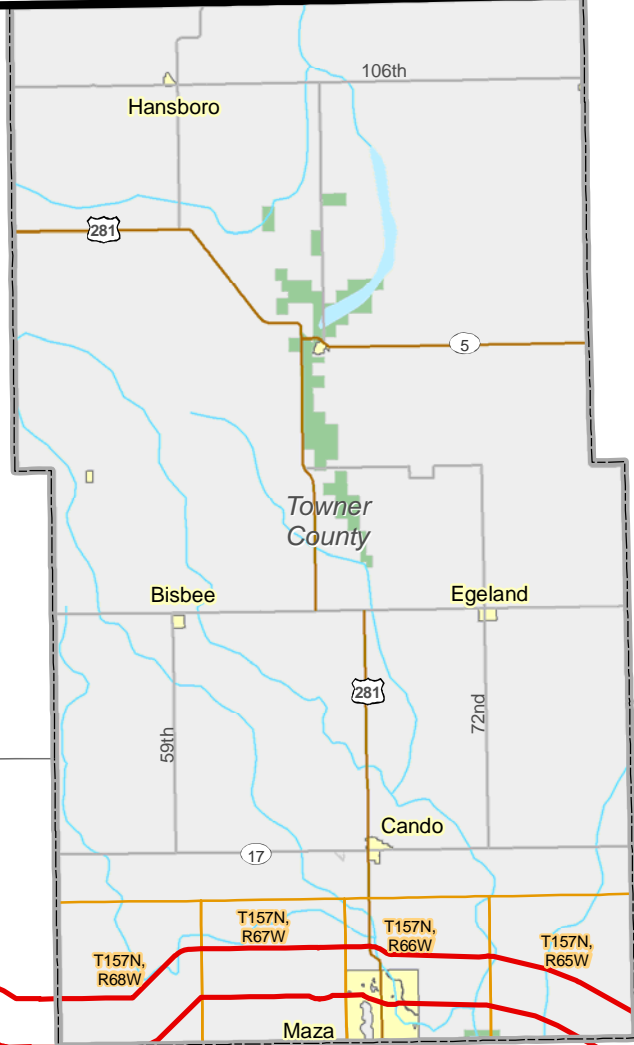


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**



Canada

North Dakota



 Sandpiper Rev. A Study Area

0 4 8  
Miles

1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**County Overview Map**



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Towner County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T157N	R65W	19, 20, 26, 27, 28, 29, 35, 36
T157N	R66W	19, 20, 21, 22, 23, 24
T157N	R67W	19, 20, 21, 22, 23, 24
T157N	R68W	23, 24, 26, 27, 31, 32, 33, 34
T157N	R69W	25

July 1, 2013

Joel Anderson, Weed Control Officer  
Grand Forks County Weed Board  
415 Westbend Lane  
Alvarado, ND 56710

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Request for information regarding noxious and invasive weeds

Dear Mr. Anderson,

With this letter, I am writing to introduce the Sandpiper Pipeline Project (Sandpiper) and request help in obtaining information regarding the known locations of noxious and invasive weeds in Grand Forks County, any recommendations regarding treatment of weeds prior to and/or during construction activities, as well as any other resource/program and contact information that may aid in the development of construction plans and procedures.

Enbridge Pipelines (North Dakota) LLC (“Enbridge”) is proposing to build a new pipeline that will generally follow its existing Line 81 pipeline and other existing utilities. In some areas, the new pipeline will deviate from Enbridge’s existing pipeline right-of-way in North Dakota and Minnesota. Sandpiper will begin at Enbridge’s Beaver Lodge Station south of Tioga, North Dakota, extend to Clearbrook, Minnesota, and will continue to Enbridge’s terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to our Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Towner, Ramsey, Nelson, and Grand Forks Counties. The following items are enclosed to assist in your review of this request in your respective county:

- project-wide map;
- project map of North Dakota counties crossed;
- a county overview map;
- a list of the Section(s), Township, Range crossed by the project; and
- a shapefile of a 2-mile-wide study area (on CD-ROM).

Enbridge has contracted with Merjent, Inc. (Merjent) to assist with environmental review and permitting on Sandpiper, including obtaining information regarding noxious and invasive weeds. As part of pre-project planning, we have been in consultation with numerous state, local, and federal agencies to introduce the project to seek input and to identify agency concerns. In a response to our initial consultation with the U.S. Department of Agriculture, Natural Resources Conservation Service (USDA-NRCS), Lisa Lund (USDA-NRCS North Dakota Administrative Officer) recommended contacting you to determine known locations of noxious and invasive weeds in your county.

Based on a review of the North Dakota Century Code 4.1-47-02 and North Dakota Department of Agriculture guidance documents, the following noxious weeds are currently listed in Grand Forks County:

- Absinth wormwood
- Canadian thistle
- Diffuse knapweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Spotted knapweed
- Yellow toadflax
- Dalmation toadflax
- Saltcedar
- Kochia

To facilitate our environmental review, we are requesting the following information for each county crossed that is within the 2-mile-wide study area associated with the project:

- confirmation that the list of noxious weeds above is correct and current;
- known locations of noxious and/or invasive weed species along the proposed route; and
- guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options.

We ask that your office provide the location, size, and extent of noxious/invasive weeds as a GIS shapefile (if possible), geographic coordinates (e.g., latitude/longitude), Public Land Survey System Section(s), or marked on a map. Please note that Enbridge is not requesting any personal landowner information. The information you provide will assist us in developing an Environmental Protection Plan that will be used to minimize the potential for the project to spread noxious or invasive weeds during construction of the project.

If you have any questions or need further information in order to respond to this request, please contact Sara Ploetz at Enbridge (715-398-4730; Sara.Ploetz@enbridge.com) or Paul Hartzheim at Merjent (612-746-1618; phartzheim@merjent.com). Thank you for your assistance.

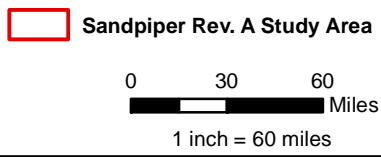
Sincerely,



Sara Ploetz  
Environmental Analyst II  
Sandpiper Pipeline Project

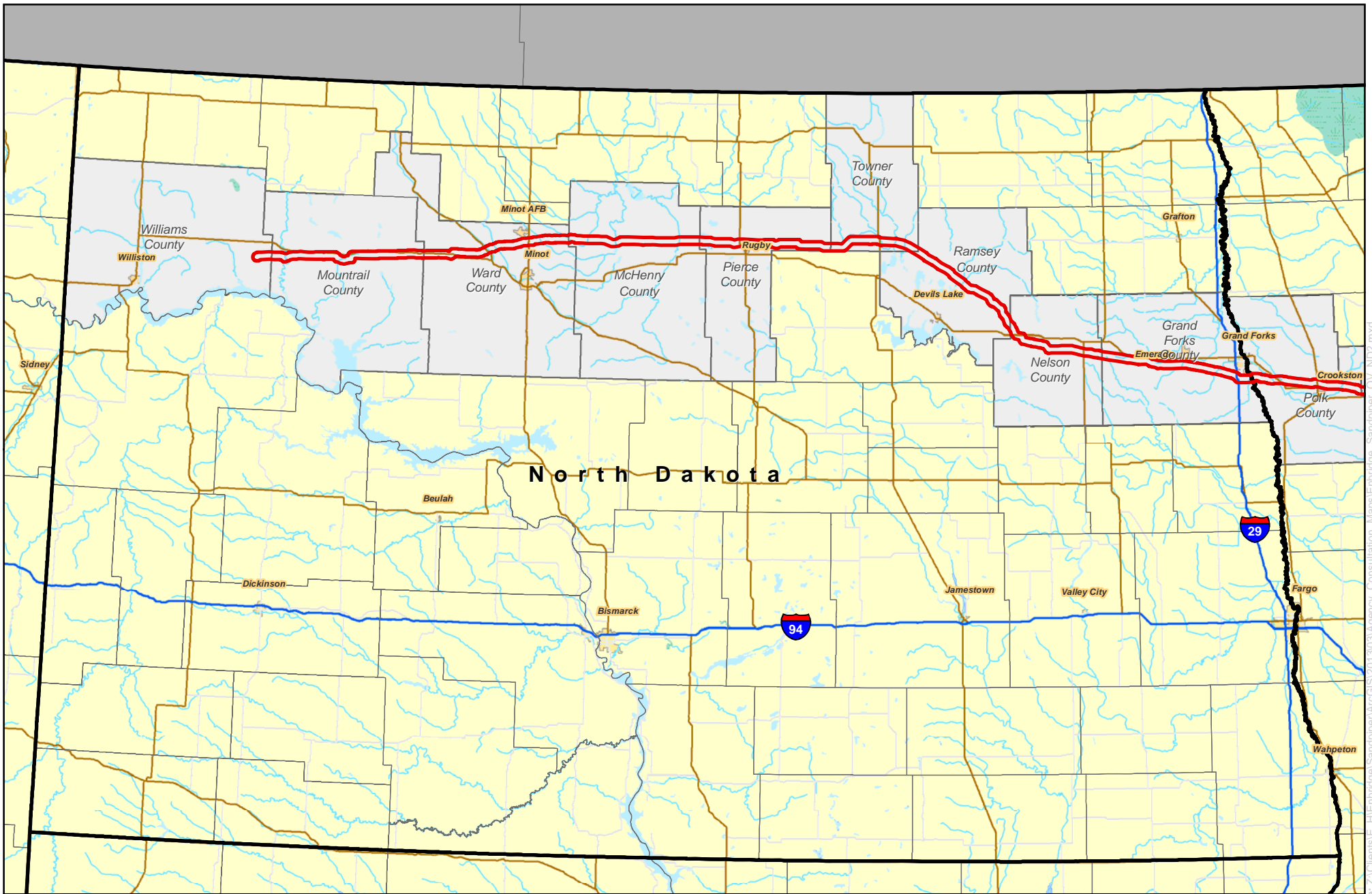
Enclosures: Project, State, and County overview maps  
Public Land Survey System Section, Township, and Range List  
Shapefile of 2-mile-wide Study Area

cc: Paul Hartzheim, Merjent

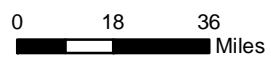


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Project Location Map**





 Sandpiper Rev. A Study Area

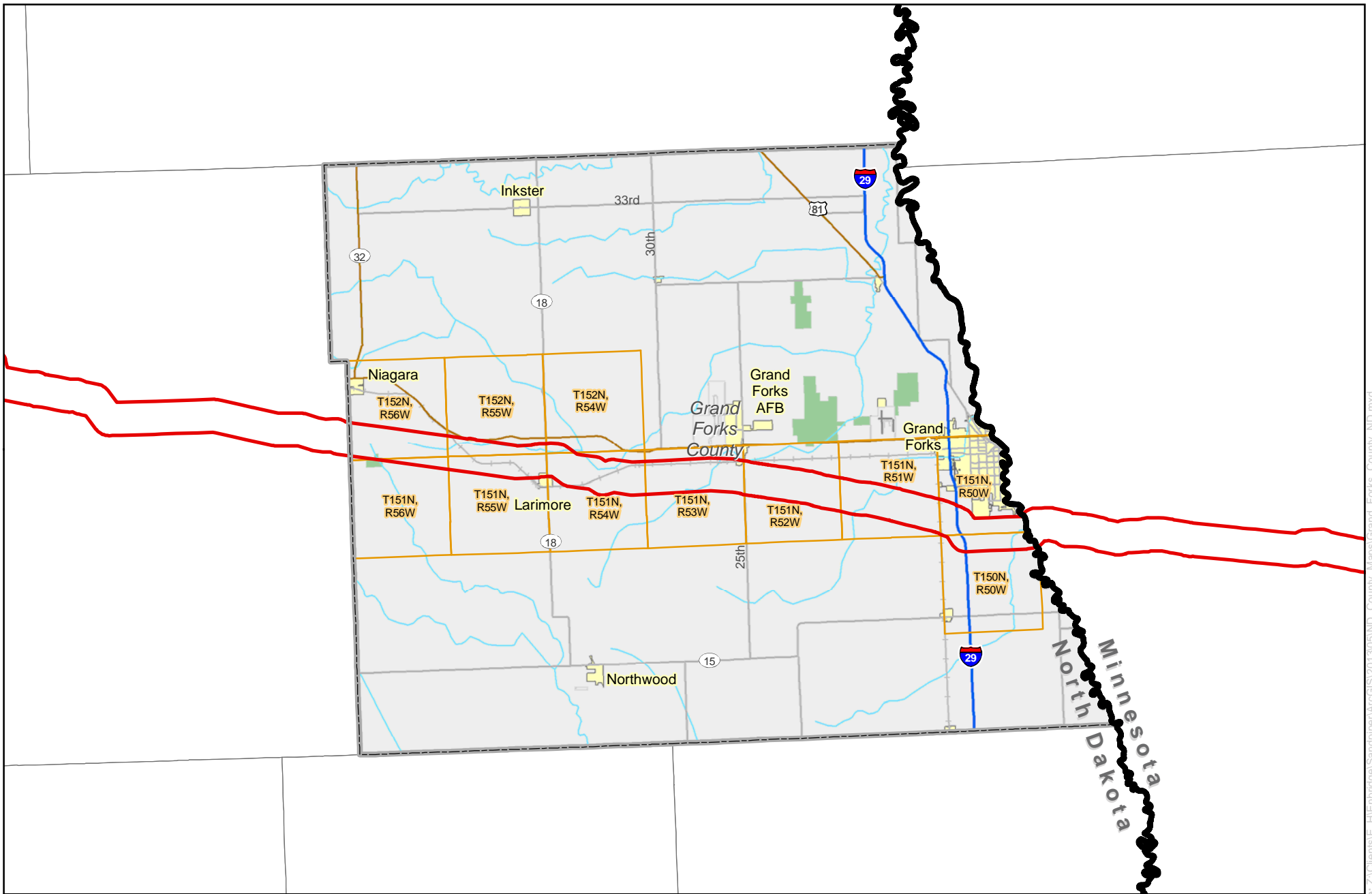


1 inch = 36 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**North Dakota Project Location Map**





 Sandpiper Rev. A Study Area

0 4 8  
Miles

1 inch = 8 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 County Overview Map



<b>Sandpiper Pipeline Project</b>		
<b>Township, Range, and Sections Crossed in Grand Forks County, North Dakota</b>		
<b>Township</b>	<b>Range</b>	<b>Section(s)</b>
T150N	R49W	6
T150N	R50W	1, 2, 3, 4, 5
T151N	R49W	31
T151N	R50W	30, 31, 32
T151N	R51W	19, 20, 22, 25, 26, 27
T151N	R52W	7, 14, 15, 16, 17, 18, 23, 24
T151N	R53W	7, 8, 9, 10, 11, 12
T151N	R54W	5, 6, 8, 9, 10, 11, 12
T151N	R55W	1, 2, 3, 4, 5
T152N	R55W	31, 32
T152N	R56W	29, 30, 32, 33, 34, 35, 36
T152N	R57W	25

**From:** [Gayle Konik](#)  
**To:** [Matthew Davis](#); [McCusker, Jeffrey](#); [Britta A. Bergland](#)  
**Cc:** [Weaver, Mark](#); [Andrea Ketchmark](#)  
**Subject:** RE: FW: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information  
**Date:** Tuesday, September 10, 2013 10:39:41 AM  
**Attachments:** [NCT Crossing Hubbard County.png](#)

---

*Hello Matt: Thank you for your response to our August 12, 2013 letter regarding Enbridge Pipelines (North Dakota) LLC's (EPND) Sandpiper Pipeline Project (Sandpiper) and the crossings of the North Country Trail (NCT). Thanks also for the clarification regarding the map sources and the appropriate designation for the segment of the MCT in Hubbard County, Minnesota. In response to your questions:*

- 1) Sandpiper would cross the NCT near milepost 416.3 in Hubbard County (an aerial photo of this location is attached). At this crossing, Sandpiper would be collocated with Koch Pipeline Company's MinnCan Pipeline (the MinnCan pipeline corridor is visible in the photo – running top to bottom in the photo frame). During construction, EPND will establish a 120-foot-wide construction right-of-way directly alongside the Koch easement to accommodate construction activities. Vegetation will be cleared from the construction right-of-way as necessary. Once construction is complete, EPND will retain a 50-foot-wide operational, or permanent, right-of-way. The remaining 70 feet will be allowed to re-vegetate.*
- 2) EPND is in the process of developing an Environmental Protection Plan (EPP) that will be used during and after pipeline construction. Among other things, the EPP will address best management practices for construction and post-construction activities, including revegetation of the right-of-way and control of invasive species. The EPP will be filed with the Minnesota Public Utilities Commission as part of Sandpiper's Certificate of Need and Pipeline Routing Permit. These applications will be available for review and public comment, and we would welcome your review and comment at that time. In the meantime, we would appreciate any specific suggestions you might have regarding native species that would be beneficial for revegetation at this crossing of the NCT.*
- 3) Aerial review of the trail crossing indicates that the area of crossing is in an upland. Pipeline construction across the trail would take approximately one to two months. The period where there will be an open trench would be a subset of the overall construction time period and be approximately 2 to 3 days. Construction activity in the area of the trail would rise and fall over this period.*
- 4) We appreciate your comments on avoiding trail interruptions, and EPND is committed to working with you to identify the solution that will best meet the needs of the NCT and the project. As project planning progresses to a more detailed phase, we will work with you to develop a crossing plan that will minimize impacts on the NCT and its recreational users.*

*Regarding the NCT in Douglas County, Wisconsin, we would appreciate your help in locating exactly where the Sandpiper 2-mile-wide study area crosses the NCT. Do you have any more detailed maps of this location, or can you provide any GIS information on this? We would also be interested in management recommendations and information explaining the meaning of the Temporary*

*Connector designation of the NTC at this location.*

*We are interested in learning more about your future plans for a backcountry campsite and would appreciate any additional information you could share, including the desired location and estimated funds necessary to develop the site. Please do not hesitate to contact me with any other questions.*

*Thanks again for your time and comments.*

*Sincerely,*

**Gayle M. Konik**

Manager Environment, Sandpiper Project

**ENBRIDGE**

TEL: 715-398-4559 | FAX: 713-821-9927 | CELL: 715-718-1732

409 Hammond Avenue, Superior, WI 54880

[www.enbridge.com](http://www.enbridge.com)

**Integrity. Safety. Respect.**

**From:** Matthew Davis [mailto:mdavis@northcountrytrail.org]

**Sent:** Thursday, August 29, 2013 10:06 AM

**To:** Gayle Konik; McCusker, Jeffrey; bbergland@merjent.com

**Cc:** Weaver, Mark; Andrea Ketchmark

**Subject:** Re: FW: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information

Gayle,

Thanks for the opportunity to share information about the North Country National Scenic Trail (NCT) near this pipeline project. Here is some info and questions for you:

The North Country National Scenic Trail is completed and certified in the vicinity of this project near Itasca State Park. I'm not sure where you found the GIS data that says the Trail is "Temporary Connector" in that location. That is true for the crossing of the segment south of Duluth. I have included a map showing the NCT in this area. If you need GIS data, it is available at <http://northcountrytrail.org/trail/data/#Minnesota>. This should be up-to-date.

Because this pipeline would cross an existing segment of "on the ground Trail," we do have some concerns/questions...

- 1) What is the plan is for this new pipeline segment across the NCT near Itasca State Park. Will it utilize the existing pipeline ROW? Will there be any additional clearing - e.g. making the ROW wider? If so, by how much?
- 2) What is the plan for reclamation of the site following the completion of construction? Certain species of native vegetation make for a better trail tread than others and tall vegetation (which we often see in these forest openings) makes maintaining the NCT difficult. What about control of invasive species?
- 3) Approximately how long would you anticipate construction taking on this segment?

4) Since use of the North Country National Scenic Trail outside of the State Park is unregulated (i.e. users don't have to pre-register or obtain any permits) we won't know if/when users will be out there hiking the NCT on that particular location during the period of pipeline construction. Now that it is contiguous, the 160-mile NCT segment in northcentral Minnesota is getting more and more use. We will be publishing a guidebook for this segment next spring. The affected trail segment is remote with no road access between U.S. Hwy 71 and Spider Lake Trail. Due to those facts, it would be ideal for your company to mitigate the trail interruption problem. This mitigation could include:

a) providing a safe passage route continuously across the site during the duration of construction (preferred)

b) providing an on call shuttle service around this disruption for NCT hikers who could either 1) call ahead from CR-4/Spider Lake Trail and/or U.S. Hwy 71 or 2) make arrangements on site (less ideal)

c) signing the NCT as closed during the extent of the construction period and temporarily marking the 7.7 mile roadwalk alternative - <http://goo.gl/maps/1aoCQ> (even less ideal)

If your company is interested in leaving the NCT better off than before this project, we do have future plans for a backcountry campsite in this vicinity. Itasca State Park has requested we do this but we don't currently have funds for the planned campsite (e.g. to purchase a backcountry toilet, purchase a fire ring, and install a well with water pump).

Please let me know if you have any questions about any of this. Thanks again!

Take care,  
Matt

On Mon, Aug 26, 2013 at 3:56 PM, McCusker, Jeffrey <[jeff\\_b\\_mccusker@nps.gov](mailto:jeff_b_mccusker@nps.gov)> wrote:  
Gayle,

I'm forwarding the information you sent us on your proposed pipeline project to Matt Davis, the Regional Trail Coordinator for the North Country Trail Association, our main partner on trail development. He should be able to get back with you on any issues he sees regarding the status of the trail in that area.

Matt: See the attached and let us know what you think. With all the new trail work in that area, I'm not sure if this proposed pipeline would have an impact on our newly developed trail or not.

Jeff

On Mon, Aug 26, 2013 at 2:39 PM, Weaver, Mark <[mark\\_weaver@nps.gov](mailto:mark_weaver@nps.gov)> wrote:  
Does this apply to one of the hardcopy letters I passed to you recently?

MARK WEAVER, Superintendent  
North Country National Scenic Trail  
PO Box 288  
Lowell, MI 49331  
[616 430 3495](tel:6164303495)  
[mark\\_weaver@nps.gov](mailto:mark_weaver@nps.gov)

----- Forwarded message -----

From: **Gayle Konik** <[Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)>  
Date: Mon, Aug 12, 2013 at 12:06 PM  
Subject: FW: Enbridge Sandpiper Pipeline Project - Project Notification and Request for Information  
To: "[mark\\_weaver@nps.gov](mailto:mark_weaver@nps.gov)" <[mark\\_weaver@nps.gov](mailto:mark_weaver@nps.gov)>

Please do not open any attachments from organizations or people that you are not familiar with. Also, since it is possible for viruses to "spoo" or fake the sender's address, do not open emails with attachments from people you know, but from whom you were not expecting an attachment or if the attachment is a file type or file name that you customarily do not receive from this person.

---

August 12, 2013

Mark Weaver

National Park Service

North Country National Scenic Trail

P.O. Box 288

Lowell, Michigan 49331

Subject: Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### Project Notification and Request for Information

Dear Mr. Weaver,

With this letter, we are providing notification regarding the Sandpiper Pipeline Project (Sandpiper). We are requesting that you confirm the locations where Sandpiper appears to cross segments of the North Country Trail (NCT) and provide information to help us understand the permitting requirements for these potential crossings, if necessary.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will begin at Enbridge's Beaver Lodge station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Benson, Ramsey, Nelson, and Grand Forks counties. In Minnesota, Sandpiper would cross Polk, Red Lake, Clearwater, Hubbard, Cass, Crow Wing, Aitkin, and Carlton counties. In Wisconsin, Sandpiper would cross Douglas County. Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the field surveys, environmental review, and permitting of Sandpiper. An overall Project Location Map, state maps that present the North Dakota, Minnesota, and Wisconsin counties crossed by the Sandpiper route, and a shapefile of the 2-mile-wide study area are enclosed.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

Based on a review of publicly available NCT Association GIS data<sup>[1]</sup>, Enbridge has identified one crossing in Hubbard County, Minnesota and one crossing in Douglas County, Wisconsin within the 2-mile-wide study area. Both of these areas appear to be portions of the trail identified as "temporary connectors." Enbridge did not identify any crossings within the 2-mile-wide study area in North Dakota. We request your concurrence that our assessment of the trail crossings is accurate.

In addition, we would appreciate any information regarding special requirements,

restrictions, or specifications regarding construction of pipelines across these “temporary connector” segments of the trail (if any) in addition to shapefiles that may contain additional identifying information that differs from the publicly available GIS data, if applicable.

If you have any questions or have other information that should be considered as we continue to refine project plans, please contact Gayle Konik at Enbridge ([715-398-4559](tel:715-398-4559); [Gayle.Konik@enbridge.com](mailto:Gayle.Konik@enbridge.com)) or Britta Bergland at Merjent ([612-746-3673](tel:612-746-3673); [bberglan@merjent.com](mailto:bberglan@merjent.com)). Thank you for your assistance. An original, signed copy of this correspondence will follow.

Sincerely,

Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project Location Map  
North Dakota Project Location Map  
Minnesota Project Location Map  
Wisconsin Project Location Map  
Shapefile of the Sandpiper Pipeline Project 2-mile-wide Study Area

cc: Britta Bergland, Merjent

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[1] <http://northcountrytrail.org/trail/states/>

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\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*

Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this email message is CONFIDENTIAL information intended for the use of the individual or entity named herein. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify the sender using the above contact information or by return email and delete this message and any copies from your computer system. Thank you.

--

Jeff McCusker, Trail Manager  
National Park Service  
North Country National Scenic Trail  
P.O. Box 288  
Lowell, MI 49331  
office/cell: [\(616\) 340-2004](tel:6163402004)

--

Matthew Davis  
Regional Trail Coordinator for MN & ND  
North Country Trail Association

PO Box 1805  
Detroit Lakes MN 56502-1805  
(701) 388 -1883 cell  
[davis@northcountrytrail.org](mailto:davis@northcountrytrail.org)  
[www.northcountrytrail.org](http://www.northcountrytrail.org)

Join us in Building, Maintaining, and Promoting the longest hiking trail in the U.S.!

Take action on the NCT's Arrowhead Re-route by visiting [http://northcountrytrail.org/get-involved/advocacy/arrowhead-re-route/take-action-on-the-arrowhead-re-route/!](http://northcountrytrail.org/get-involved/advocacy/arrowhead-re-route/take-action-on-the-arrowhead-re-route/)

Follow us on Facebook, Twitter, YouTube, and/or via our Blue Blazes Bulletin e-newsletter or Insight blog!

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**Twitter:** nctrail

**YouTube:** [youtube.com/user/NorthCountryTrail](https://www.youtube.com/user/NorthCountryTrail)

**Blog:** [northcountrytrail.org/insight/](http://northcountrytrail.org/insight/)

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\* \* \* \* \* IMPORTANT NOTICE \* \* \* \* \*

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August 12, 2013

Mark Weaver  
National Park Service  
North Country National Scenic Trail  
P.O. Box 288  
Lowell, Michigan 49331

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Project Notification and Request for Information

Dear Mr. Weaver,

With this letter, we are providing notification regarding the Sandpiper Pipeline Project (Sandpiper). We are requesting that you confirm the locations where Sandpiper appears to cross segments of the North Country Trail (NCT) and provide information to help us understand the permitting requirements for these potential crossings, if necessary.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will begin at Enbridge's Beaver Lodge station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Benson, Ramsey, Nelson, and Grand Forks counties. In Minnesota, Sandpiper would cross Polk, Red Lake, Clearwater, Hubbard, Cass, Crow Wing, Aitkin, and Carlton counties. In Wisconsin, Sandpiper would cross Douglas County. Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the field surveys, environmental review, and permitting of Sandpiper. An overall Project Location Map, state maps that present the North Dakota, Minnesota, and Wisconsin counties crossed by the Sandpiper route, and a shapefile of the 2-mile-wide study area are enclosed.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

Based on a review of publicly available NCT Association GIS data<sup>1</sup>, Enbridge has identified one crossing in Hubbard County, Minnesota and one crossing in Douglas County, Wisconsin within the 2-mile-wide study area. Both of these areas appear to be portions of the trail identified as "temporary connectors." Enbridge did not identify any crossings within the 2-mile-wide study area in North Dakota. We request your concurrence that our assessment of the trail crossings is accurate.

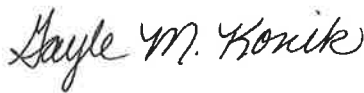
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<sup>1</sup> <http://northcountrytrail.org/trail/states/>

In addition, we would appreciate any information regarding special requirements, restrictions, or specifications regarding construction of pipelines across these "temporary connector" segments of the trail (if any) in addition to shapefiles that may contain additional identifying information that differs from the publicly available GIS data, if applicable.

If you have any questions or have other information that should be considered as we continue to refine project plans, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Britta Bergland at Merjent (612-746-3673; bbergland@merjent.com). Thank you for your assistance.

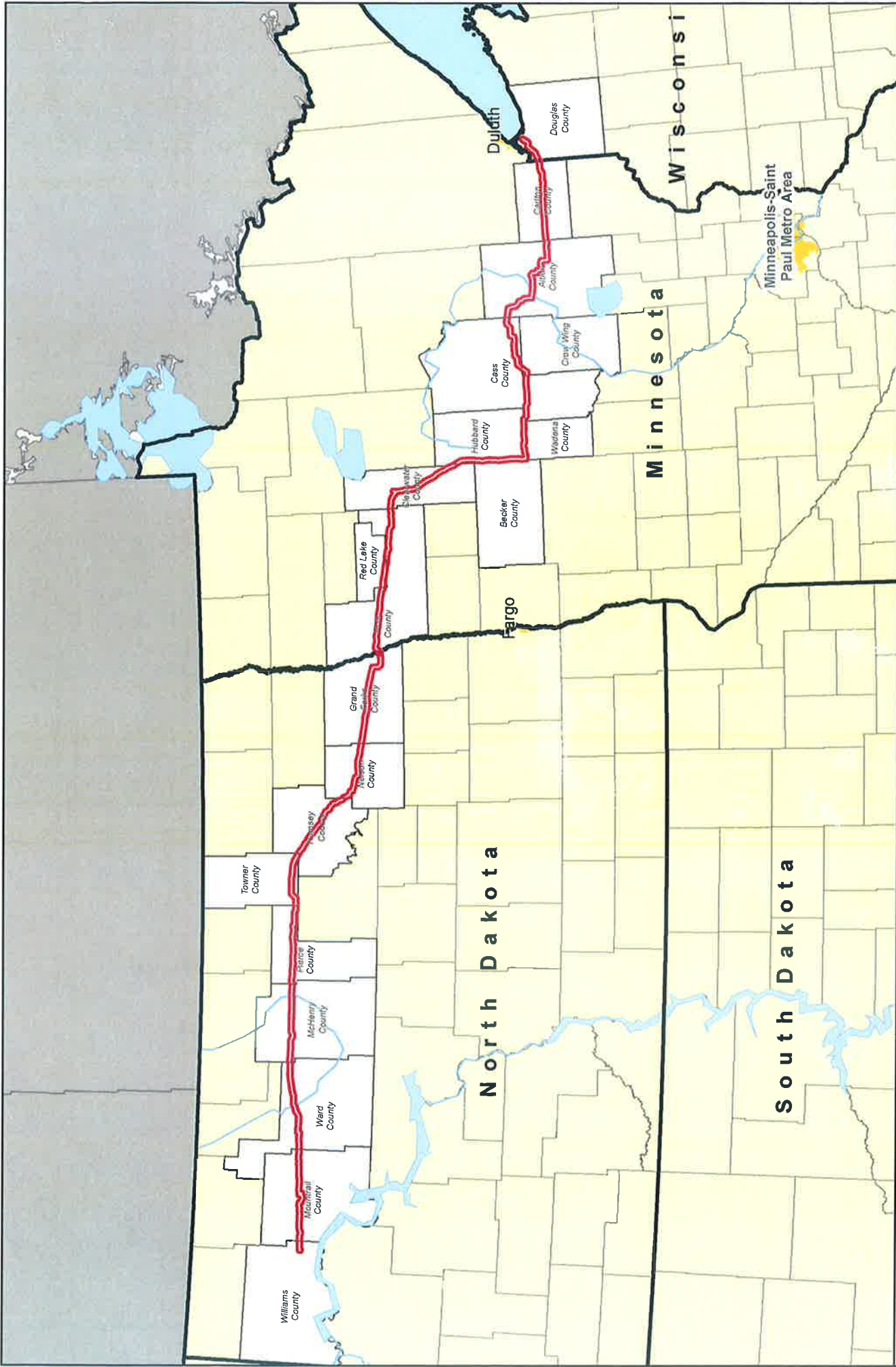
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project Location Map  
North Dakota Project Location Map  
Minnesota Project Location Map  
Wisconsin Project Location Map  
Shapefile of the Sandpiper Pipeline Project 2-mile-wide Study Area

cc: Britta Bergland, Merjent

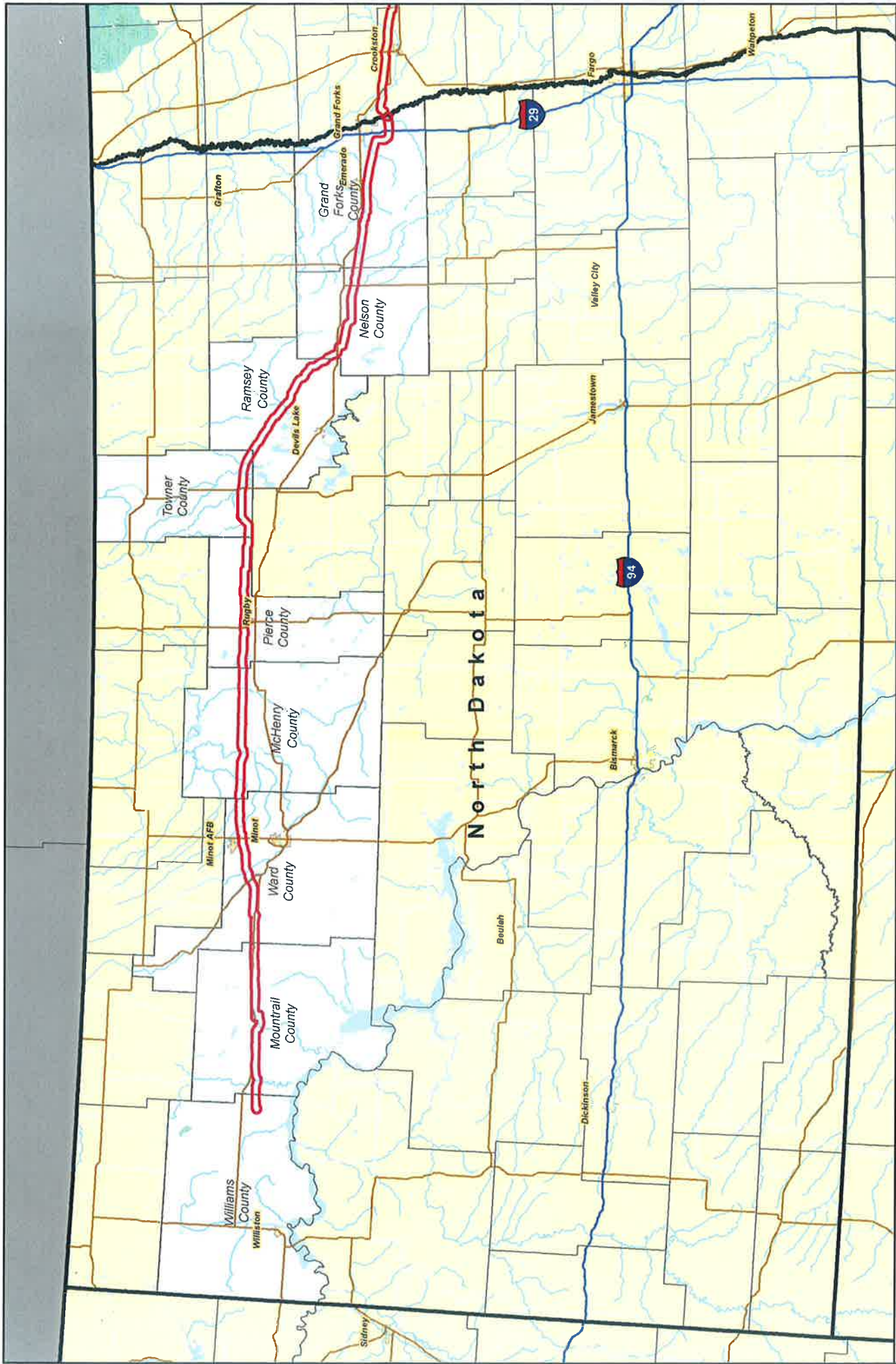


**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map



□ Sandpiper Rev. C Study Area





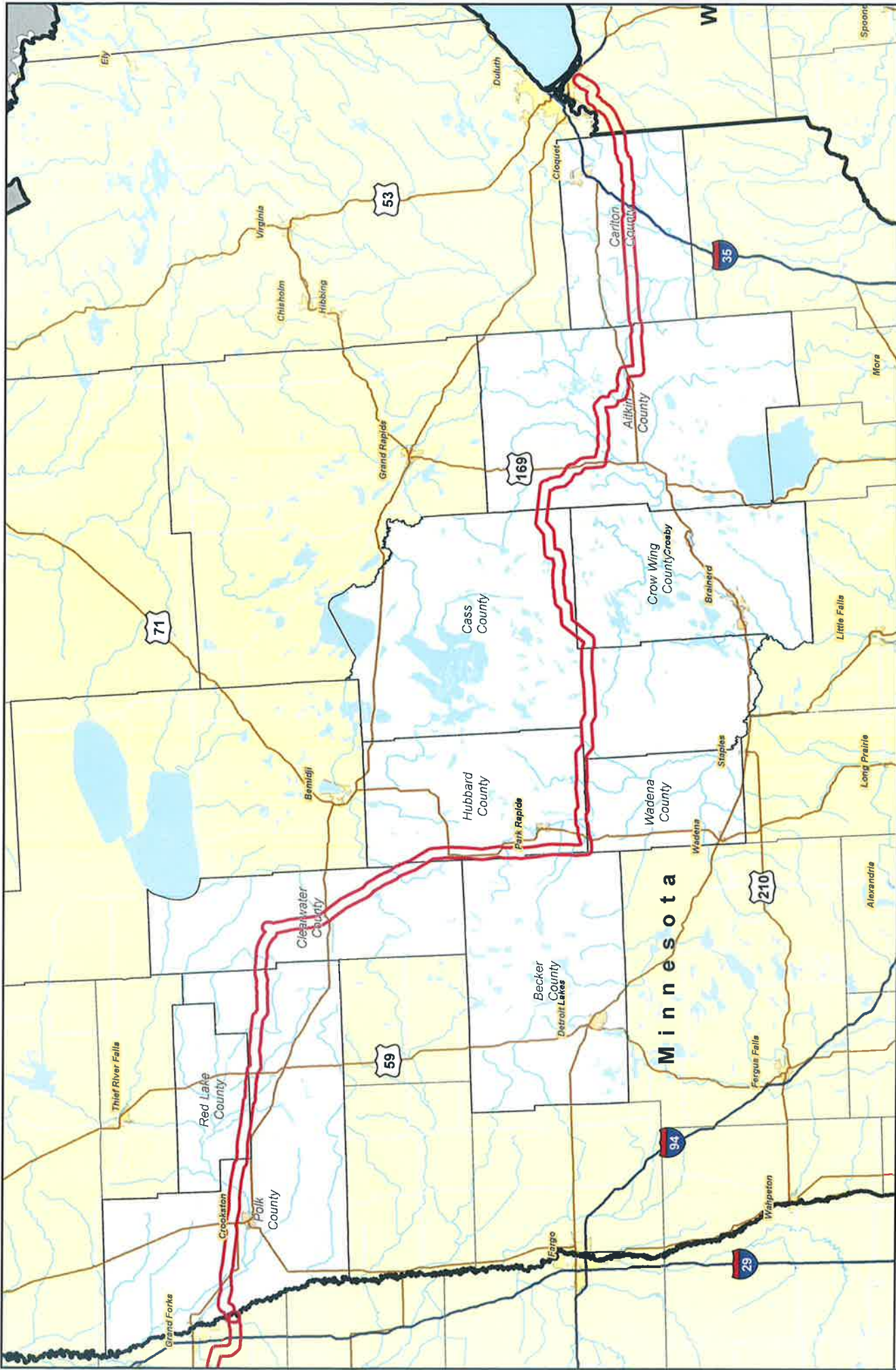
□ Sandpiper Rev. C Study Area



# Enbridge Pipelines (North Dakota) LLC

## Sandpiper Pipeline Project

### North Dakota Project Location Map



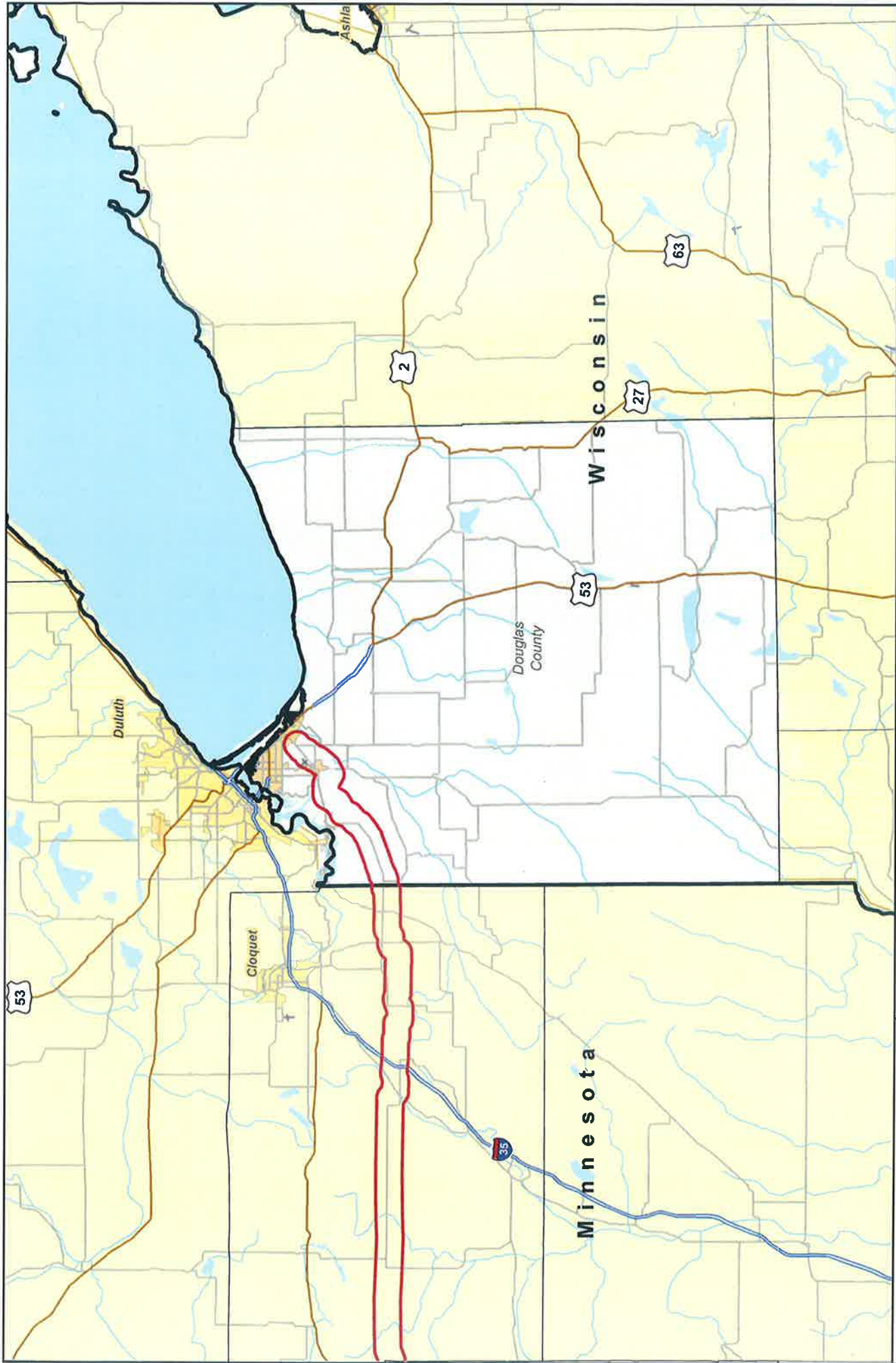


 Sandpiper Rev. C Study Area  
 0 12.5 25 Miles  
  
 1 inch = 25 miles



**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Minnesota Project Location Map**





**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
**Wisconsin Project Location Map**



Sandpiper Rev. C Study Area  
 0 5 10 Miles  
 1 inch = 10 miles



August 12, 2013

Hector Santiago  
National Park Service  
Midwest Regional Office  
601 Riverfront Drive  
Omaha, Nebraska 68102

Subject: Enbridge Pipelines (North Dakota) LLC  
Sandpiper Pipeline Project  
Project Notification and Request for Information

Dear Mr. Santiago,

With this letter, we are providing notification regarding the Sandpiper Pipeline Project (Sandpiper). We hope that you might confirm the presence of specific river segments of National Rivers Inventory (NRI)-listed rivers within the project study area and provide management information regarding these segments. We also are interested in obtaining information on any Land and Water Conservation Fund lands within the project study area. This information will assist us in our environmental review of Sandpiper.

Enbridge Pipelines (North Dakota) LLC (Enbridge) is proposing to build a new pipeline that will begin at Enbridge's Beaver Lodge station south of Tioga, North Dakota to Clearbrook, Minnesota and will continue to Enbridge's terminal in Superior, Wisconsin. The project will transport growing supplies of North Dakota crude petroleum to Superior terminal and then connect to various other pipelines, eventually providing refineries in the Midwest and eastern Canada with crude oil.

In North Dakota, Sandpiper would cross Williams, Mountrail, Ward, McHenry, Pierce, Benson, Ramsey, Nelson, and Grand Forks counties. In Minnesota, Sandpiper would cross Polk, Red Lake, Clearwater, Hubbard, Cass, Crow Wing, Aitkin, and Carlton counties. In Wisconsin, Sandpiper would cross Douglas County. Enbridge has contracted with Merjent, Inc. (Merjent) to assist with the field surveys, environmental review, and permitting of Sandpiper. An overall Project Location Map, state maps that present the North Dakota, Minnesota, and Wisconsin counties crossed by the Sandpiper route, and a shapefile of the 2-mile-wide study area are enclosed.

We expect construction to start on the permitted route by Q4 2014 and end in Q1 2016, depending on regulatory approvals and final construction planning.

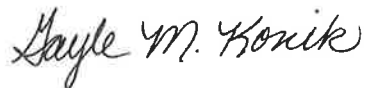
Based on a review of publicly available NRI GIS data, Enbridge has identified four NRI river segments in Minnesota within the 2-mile-wide study area: the Red Lake River in Polk County, the Clearwater River in Clearwater County, the Moose River in Cass County, and the Willow River in Aitkin County. Enbridge did not identify any NRI-listed rivers within the 2-mile-wide study area in North Dakota or Wisconsin. We request your concurrence that our assessment of affected river segments is accurate.

In addition, we would appreciate any information regarding special requirements, restrictions, or specifications regarding construction of pipelines across NRI river segments and any shapefiles that may contain additional identifying information that differs from the publicly available GIS data, if applicable.

Finally, we would like to know if any Land and Water Conservation Fund lands are located within the study area. We were unable to find a specific contact for this information on the National Park Service website; in the event that you are not the appropriate contact for this information, we would appreciate information regarding the appropriate contact.

If you have any questions or have other information that should be considered as we continue to refine project plans, please contact Gayle Konik at Enbridge (715-398-4559; Gayle.Konik@enbridge.com) or Britta Bergland at Merjent (612-746-3673; bberglan@merjent.com). Thank you for your assistance.

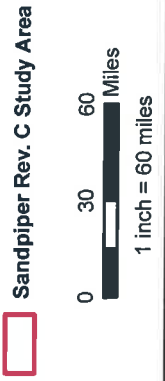
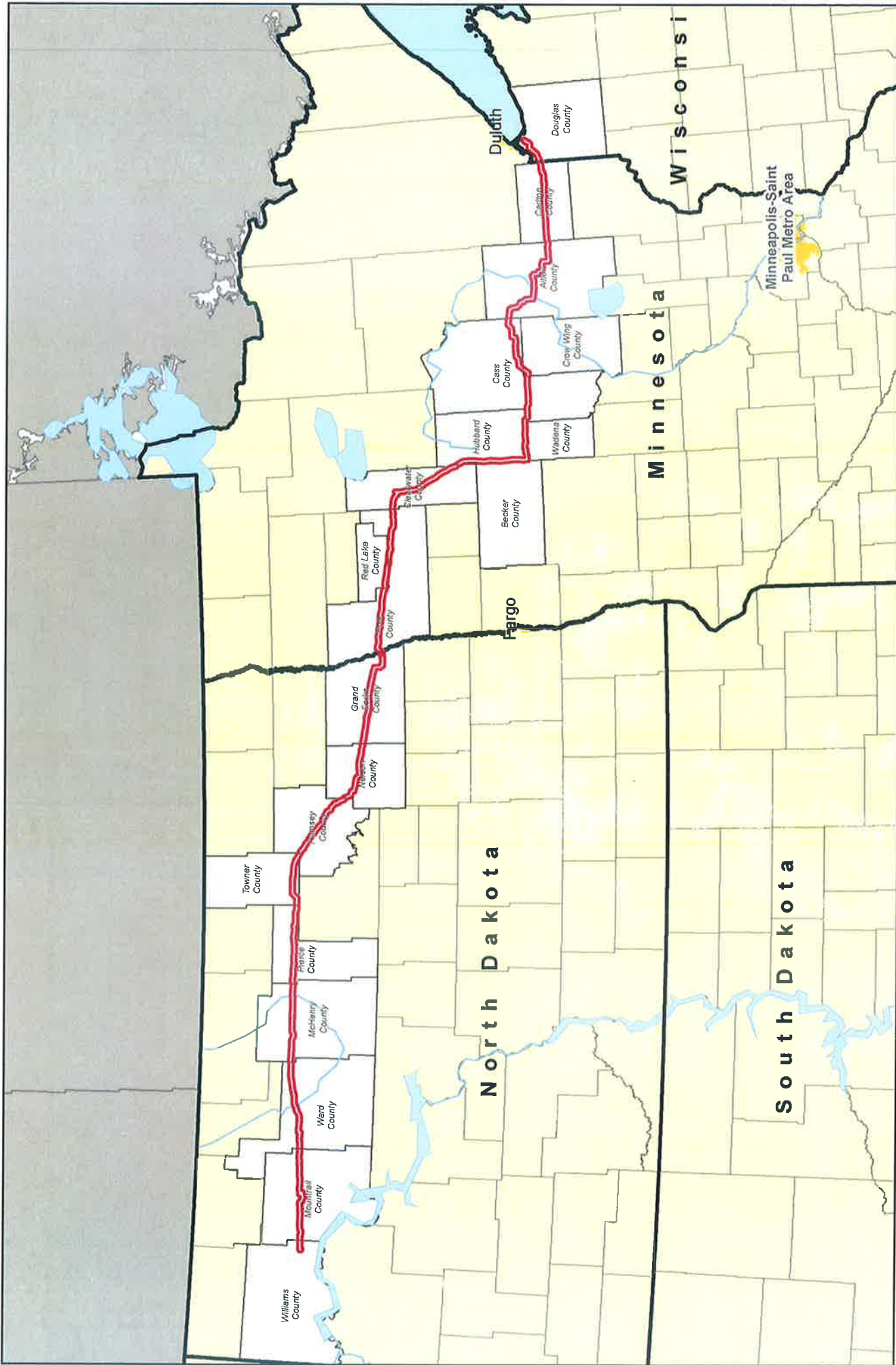
Sincerely,



Gayle M. Konik  
Manager, Environment  
Sandpiper Pipeline Project

Enclosures: Project Location Map  
North Dakota Project Location Map  
Minnesota Project Location Map  
Wisconsin Project Location Map  
Shapefile of the Sandpiper Pipeline Project 2-mile-wide Study Area

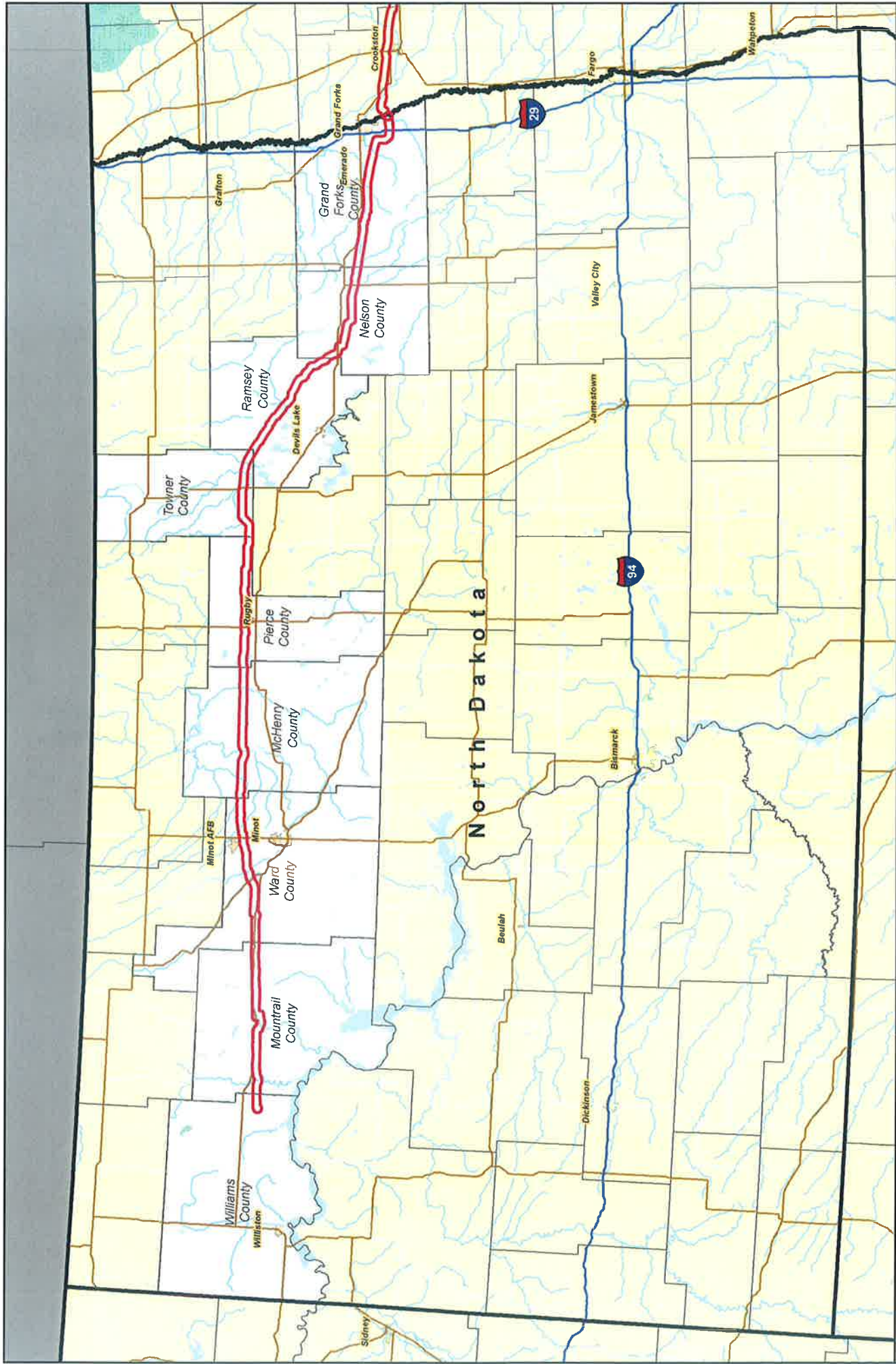
cc: Britta Bergland, Merjent



□ Sandpiper Rev. C Study Area

**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Project Location Map





Sandpiper Rev. C Study Area



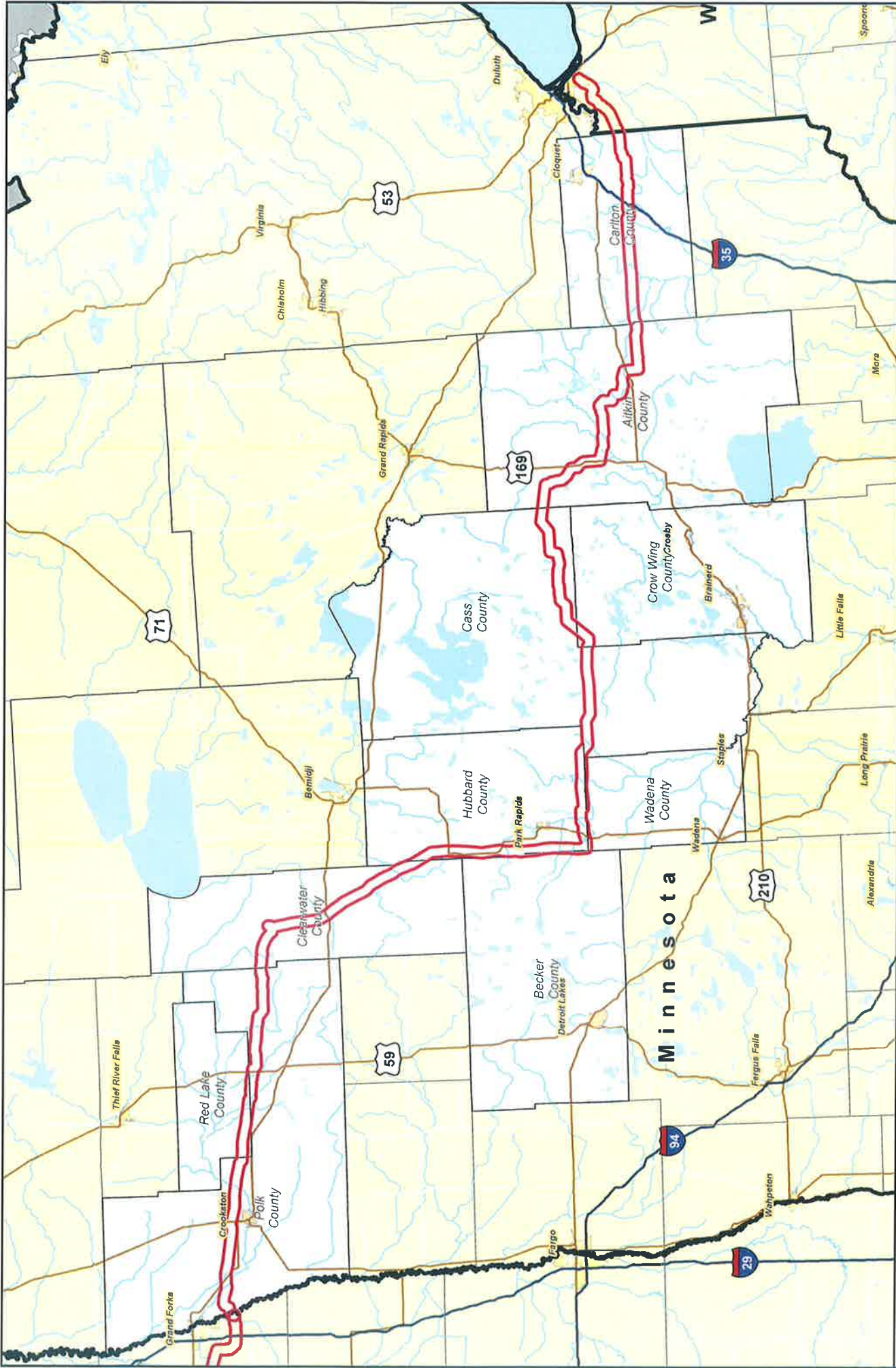
1 inch = 36 miles

# Enbridge Pipelines (North Dakota) LLC

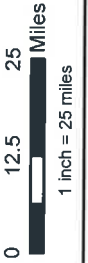
## Sandpiper Pipeline Project

### North Dakota Project Location Map





Sandpiper Rev. C Study Area

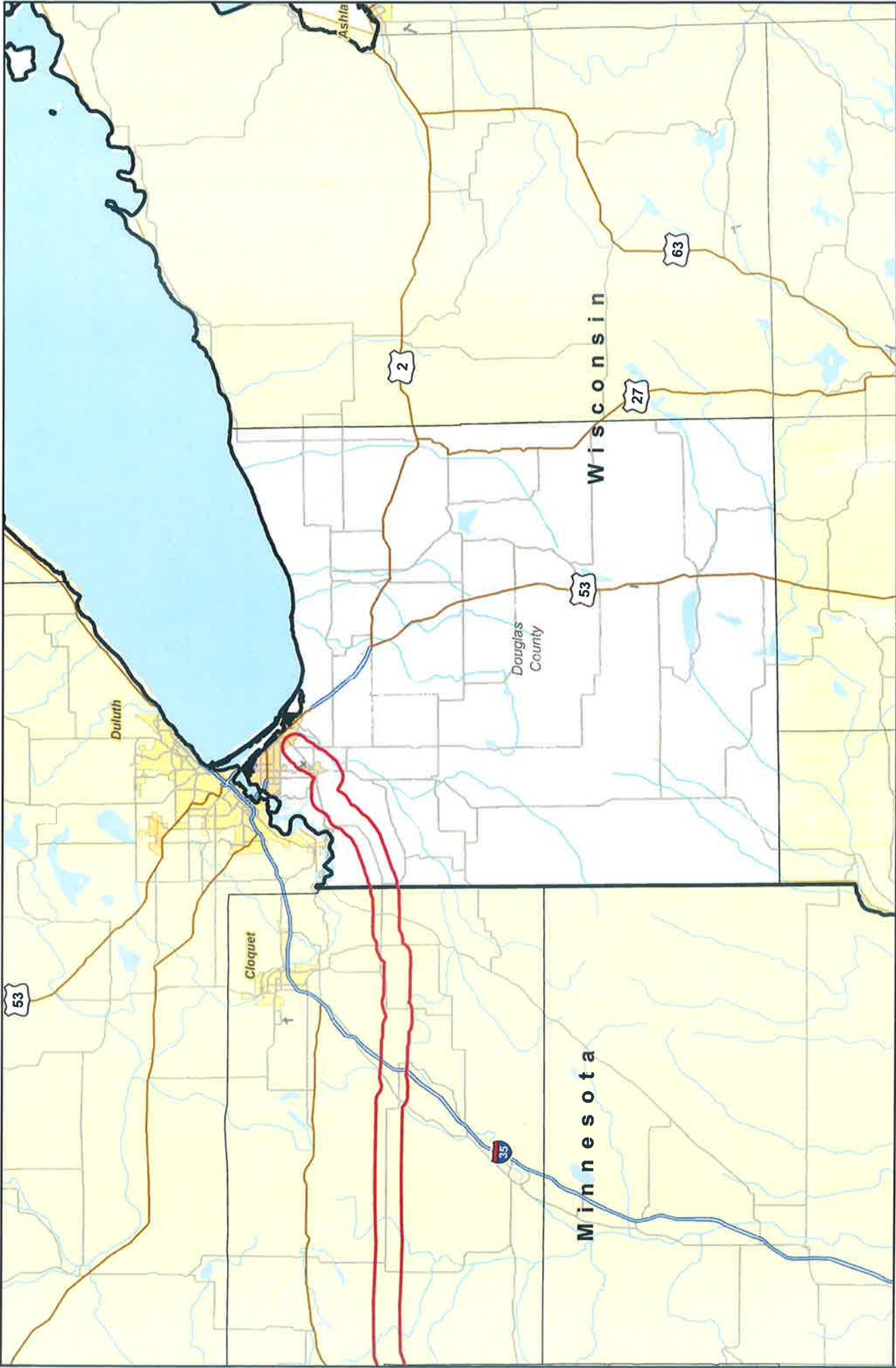


## Enbridge Pipelines (North Dakota) LLC

### Sandpiper Pipeline Project

#### Minnesota Project Location Map





**Enbridge Pipelines (North Dakota) LLC**  
**Sandpiper Pipeline Project**  
 Wisconsin Project Location Map



Sandpiper Rev. C Study Area

**From:** [April Brehm](#)  
**To:** [SPP Archive](#)  
**Subject:** FW: Double Check Alignment  
**Date:** Tuesday, October 22, 2013 11:44:23 AM

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**From:** Christopher DePaulis [mailto:Christopher.DePaulis@enbridge.com]  
**Sent:** Friday, October 18, 2013 8:07 AM  
**To:** Nick D'Aloia  
**Cc:** Barry Simonson  
**Subject:** Fwd: Double Check Alignment

Begin forwarded message:

**From:** "LARSEN, JAMES A GS-11 USAF AFGSC 91 MMXS/MMXSFK" <[james.larsen.3@us.af.mil](mailto:james.larsen.3@us.af.mil)>  
**Date:** October 18, 2013 7:50:59 AM CDT  
**To:** Christopher DePaulis <[Christopher.DePaulis@enbridge.com](mailto:Christopher.DePaulis@enbridge.com)>  
**Cc:** "MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK" <[cy.munos@us.af.mil](mailto:cy.munos@us.af.mil)>  
**Subject:** RE: Double Check Alignment

Chris:

I loaded up the attached shapefiles and looked closely at the Sandpiper route through our missile field. The proposed route is clear of our ROW except where the pipeline will actually cross our cable. The crossing locations have adequate clearance from any buried splices and won't be a problem.

One area west of Berthold shows the pipeline will parallel our cable for at least a mile, the pipeline gets as close as 28' in one location and averages about 30' for that area. This is closer than we normally see but it is outside our easement and beyond our control.

No areas of the pipeline encroach on Restricted Easement areas surrounding our missile sites.

I didn't see any conflicts (other than crossings) between the proposed route and our cable system. Crossing angles meet our specifications.

If you would like maps of specific areas please let me know.

Thanks;

Jim Larsen  
USAF Cable Affairs  
701-723-6053



-----Original Message-----

From: Christopher DePaulis

[<mailto:Christopher.DePaulis@enbridge.com>]

Sent: Thursday, October 17, 2013 2:41 PM

To: LARSEN, JAMES A GS-11 USAF AFGSC 91 MMXS/MMXSFK

Cc: Nick D'Aloia

Subject: Double Check Alignment

Hi Jim-

Say, I was wondering if you could take another look at our proposed route as a double check that we are in compliance with your regulations regarding separation distances from your cables and missile sites. We are getting ready to submit our application to the PUC and wanted to make sure all of our bases were covered. I would greatly appreciate any and all of your effort that you could provide us in this matter.

Please find the attached shape files.

Respectfully Submitted-

Christopher DePaulis, PLS

Field Survey Coordinator, Major Projects

ENBRIDGE

TEL: 218-341-6480

1409 Hammond Ave., Superior, WI

[www.enbridgeUS.com](http://www.enbridgeUS.com) <<http://www.enbridgeUS.com/>>

Integrity. Safety. Respect.

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