



ENVIRONMENTAL CONSULTANTS

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Bismarck Office  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
Tel 701.258.6622 Fax 701.258.5957  
www.swca.com

March 27, 2015

Mr. Jeff Shaffer  
Assistant Manager, McKenzie County Water Resource District  
201 5<sup>th</sup> Street Northwest, Suite 1456  
Watford City, North Dakota 58854

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, North Dakota Water Resource District**

Dear Mr. Shaffer:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11, 18, Township (T) 151 North (N), Range (R) 102 West (W)
- Sections 1–5, 7–23, 30, T151N, R103W
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The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the McKenzie County Water Resource District of the proposed project and offering the opportunity for comments. The information received from the McKenzie County Water Resource District will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

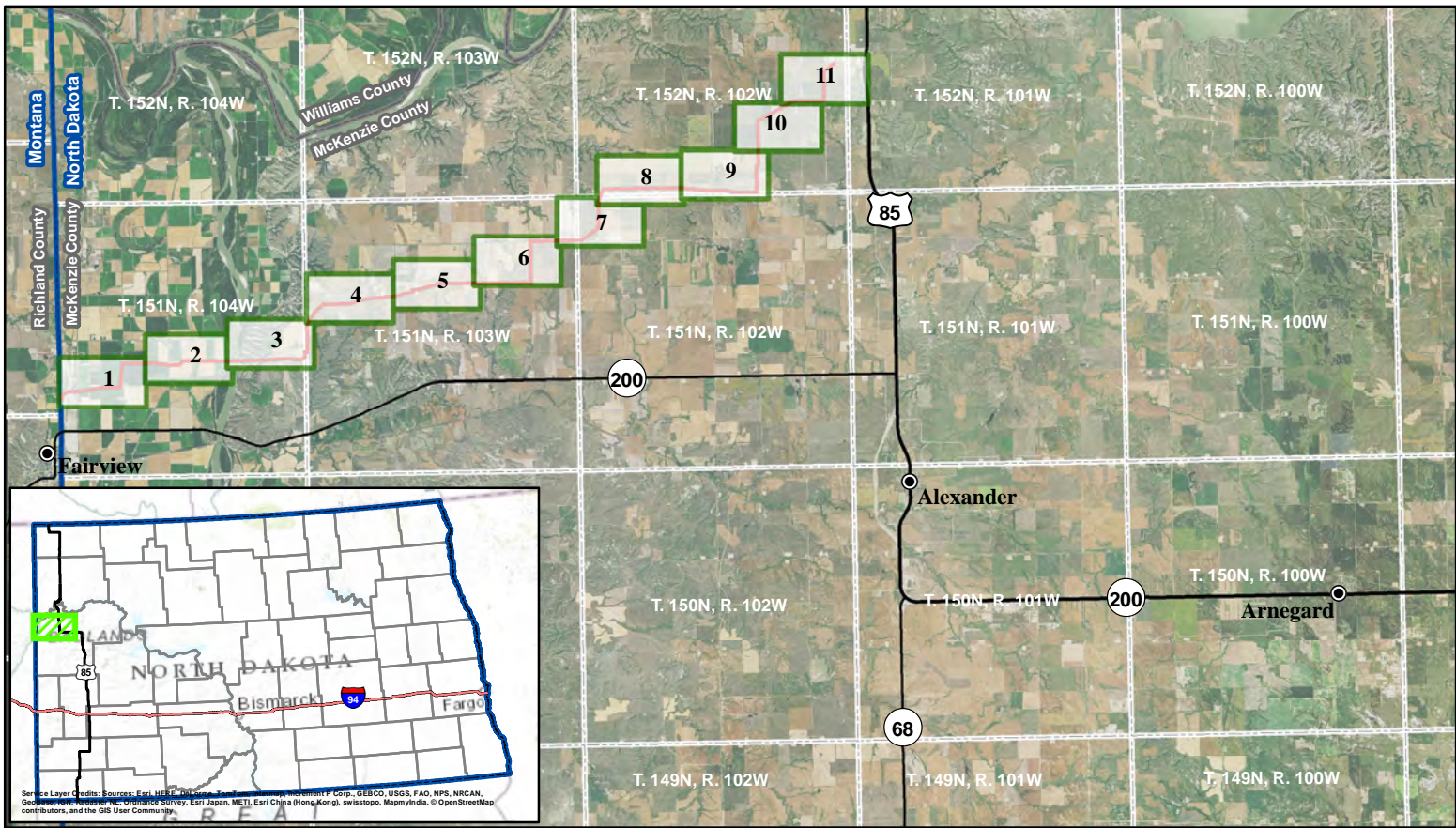
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads "Kate Kenninger".

Kate Kenninger

Enclosures: Attachment 1



### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
- Township/Range Boundary

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0 5 10  
Kilometers

0 5 10  
Miles

Base Map: 2014 Aerial Imagery  
Source: USDA/FSA - Aerial Photography Field Office  
T. 151N, R. 104W & T. 151N, R. 103W &  
T. 151N, R. 102W & T. 152N, R. 102W  
McKenzie County, North Dakota

Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

Mr. Jeff Shaffer  
Assistant Manager, McKenzie County Water Resource District  
201 5th Street Northwest, Suite 1456  
Watford City, North Dakota 58854

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, North Dakota Water Resource District; Revisions to letter dated March 27, 2015**

Dear Mr. Shaffer:

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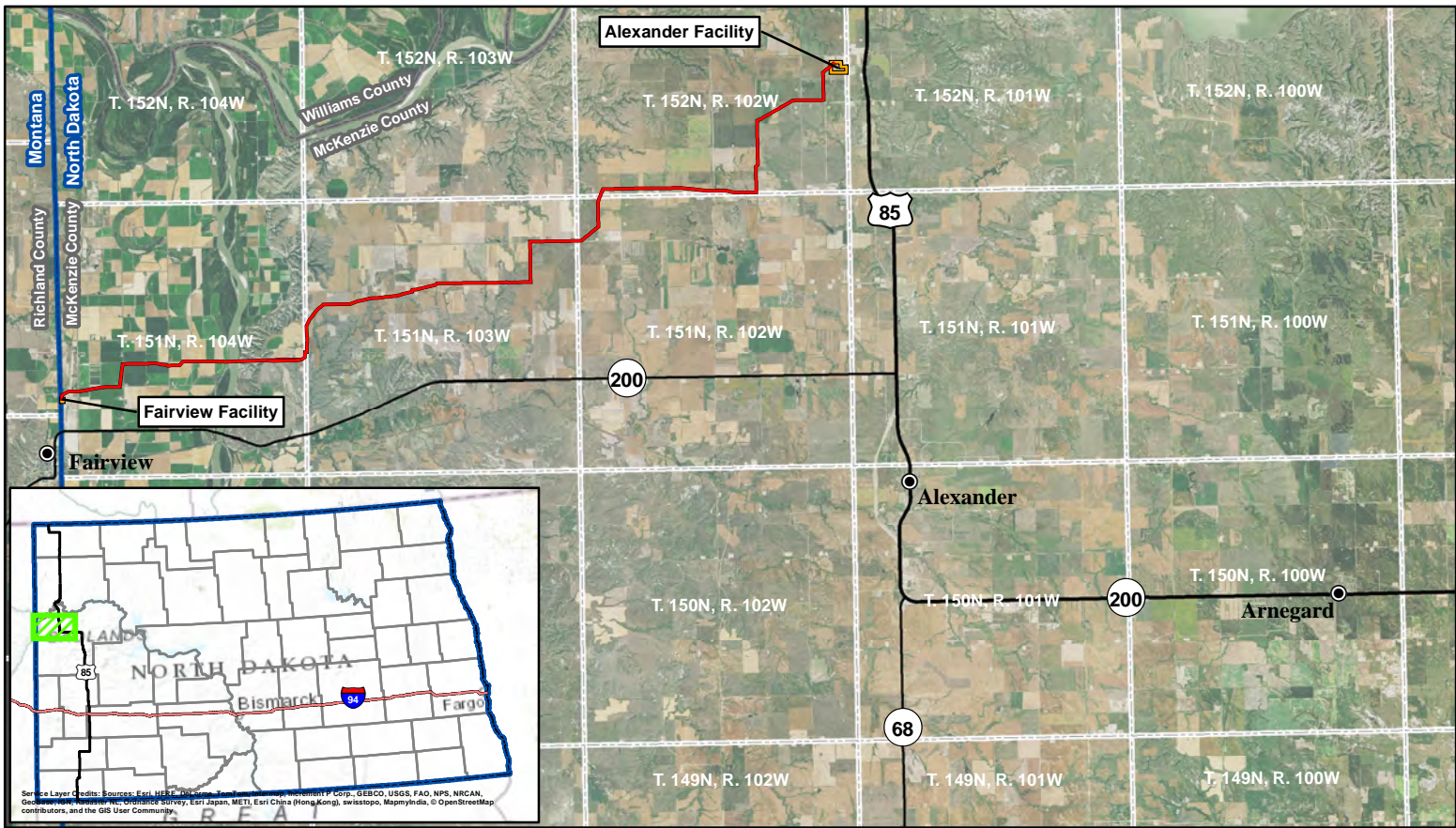
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Sincerely,



Kate Kenninger

Enclosures: Attachment 1

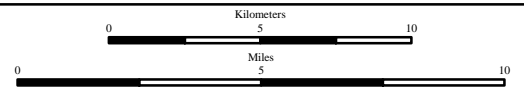


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March 27, 2015

Ms. Andrea Higgins  
Weed Control Officer, McKenzie County  
201 5<sup>th</sup> Street Northwest  
Watford City, North Dakota 58854

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, State and County-Listed Noxious Weeds**

Dear Ms. Higgins:

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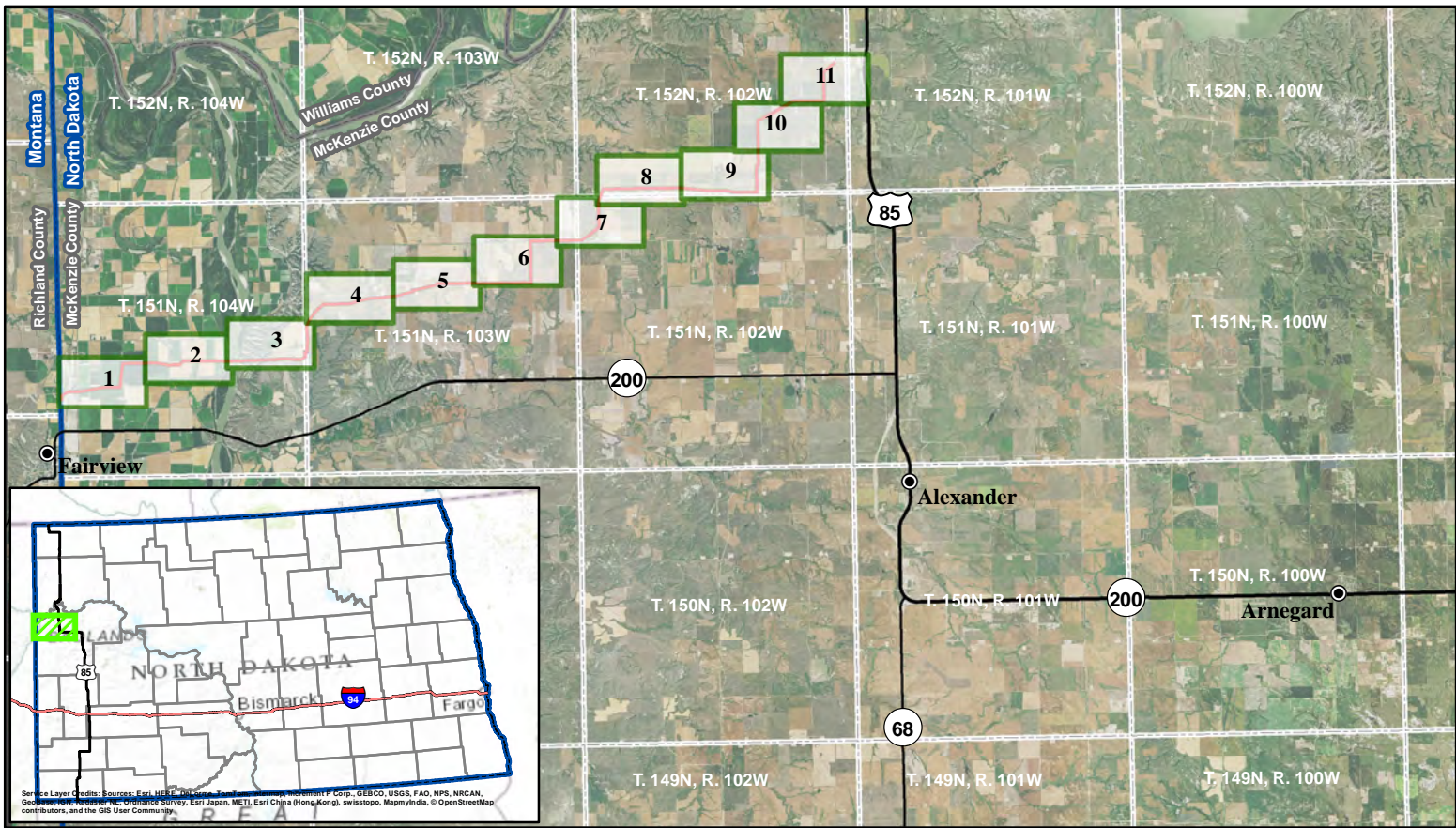
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

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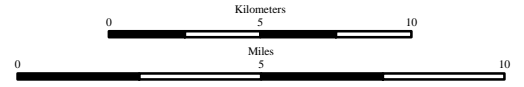


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May 6, 2015

Ms. Amber Higgins  
Weed Control Officer, McKenzie County  
McKenzie County Weed Board  
201 5th Street Northwest  
Watford City, North Dakota 58854

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, State and County-Listed Noxious Weeds; Revisions to letter dated March 27, 2015**

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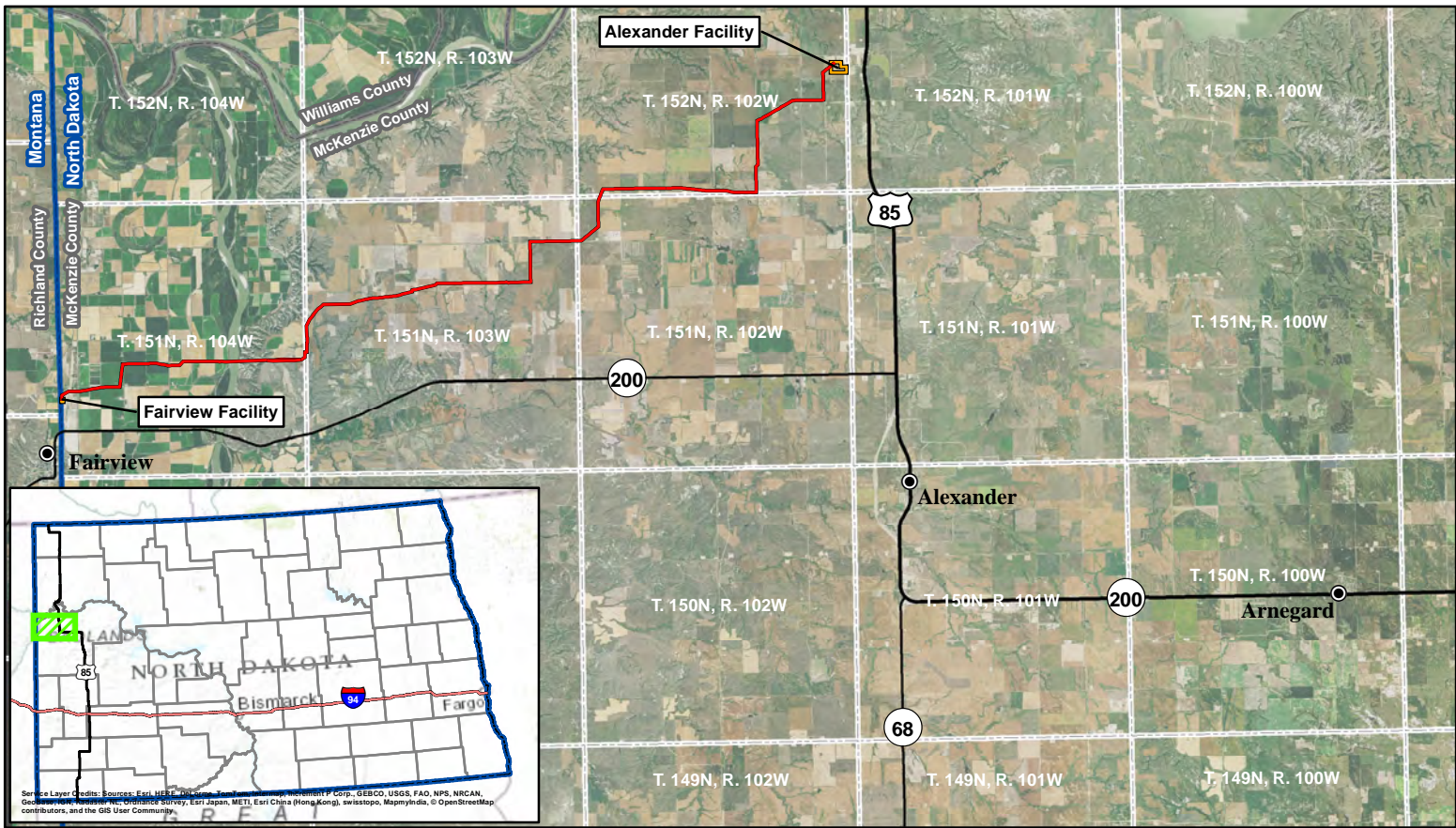
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Sincerely,



Kate Kenninger

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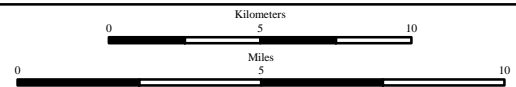


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 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** Kate Kenninger  
**To:** "[mcweed@restel.com](mailto:mcweed@restel.com)"  
**Subject:** RE: McKenzie County Weed Control  
**Date:** Friday, April 10, 2015 1:39:00 PM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)  
[image003.jpg](#)  
[image004.gif](#)

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Good afternoon Amber,

As there have been modifications to the proponent name and project design for the NST Express pipeline project, SWCA will reissue a consultation letter to your agency. At that time we will also provide the additional request for information.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982



Visit Our Website: <http://www.swca.com>



---

**From:** mcweed@restel.com [mailto:mcweed@restel.com]  
**Sent:** Tuesday, April 07, 2015 8:10 AM  
**To:** Kate Kenninger  
**Subject:** McKenzie County Weed Control

Kate-

My name is Amber Higgins I'm the Weed Officer here at McKenzie County, if you could fill out the attachment and get it back to me we can get your Weed Management Plan in order. If you have any questions feel free to contact me via email or phone.

Thank You  
Amber Higgins  
McKenzie County Weed Officer  
7014-842-4131



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March 27, 2015

Mr. Doug Goehring, Agriculture Commissioner  
North Dakota Department of Agriculture  
600 E. Boulevard Avenue, Department 602  
Bismarck, North Dakota 58505

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, North Dakota Department of Agriculture**

Dear Mr. Goehring:

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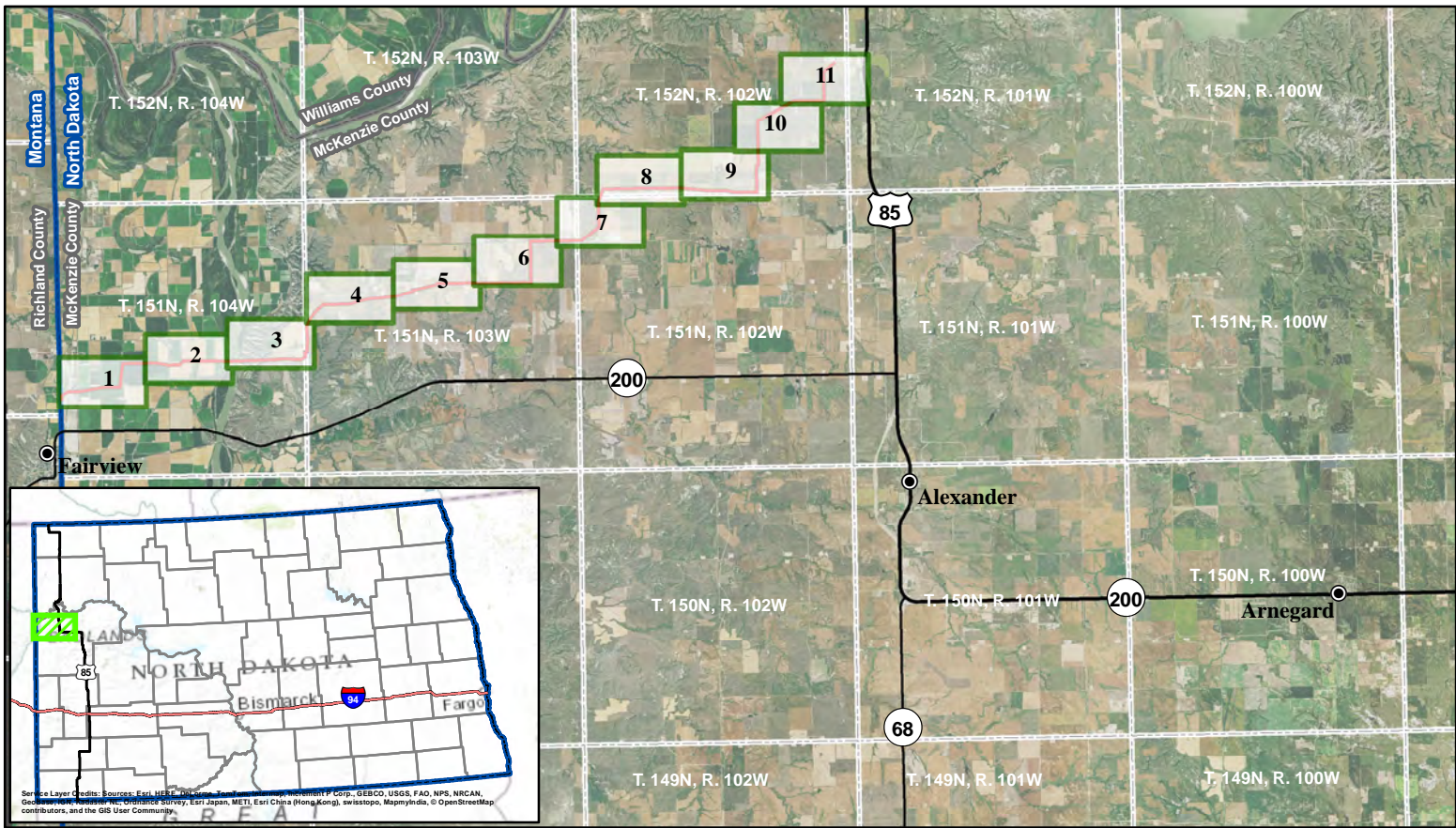
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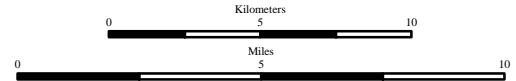


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North Dakota Department of Agriculture  
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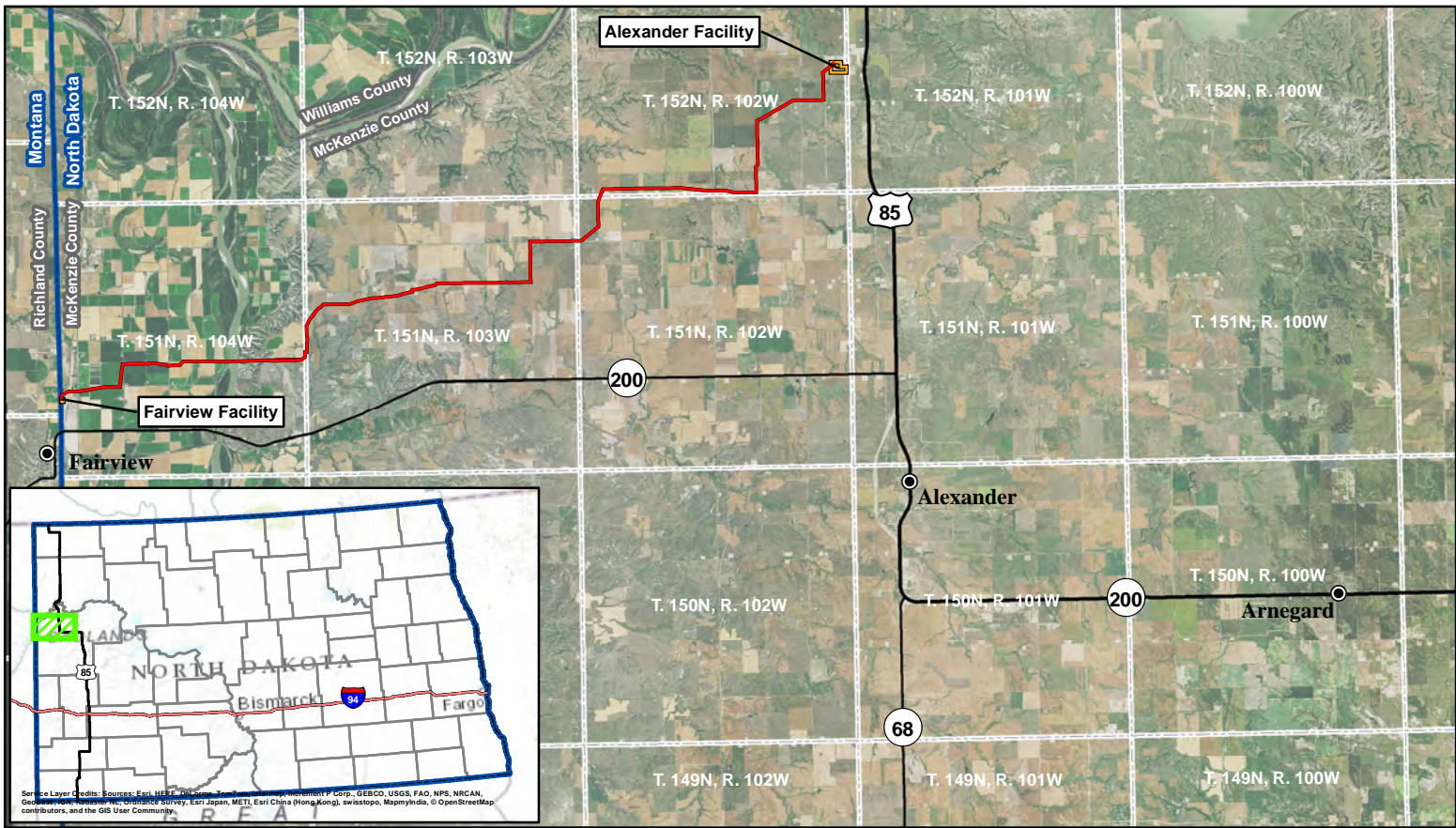
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Kate Kenninger

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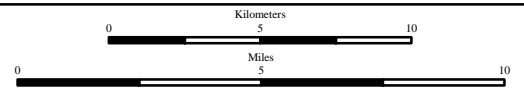


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March 27, 2015

Mr. Keith Bayley  
North Dakota Department of Trust Lands  
1707 North 9<sup>th</sup> Street  
Bismarck, North Dakota 58506-5523

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, State Minerals Trust Lands**

Dear Mr. Bayley:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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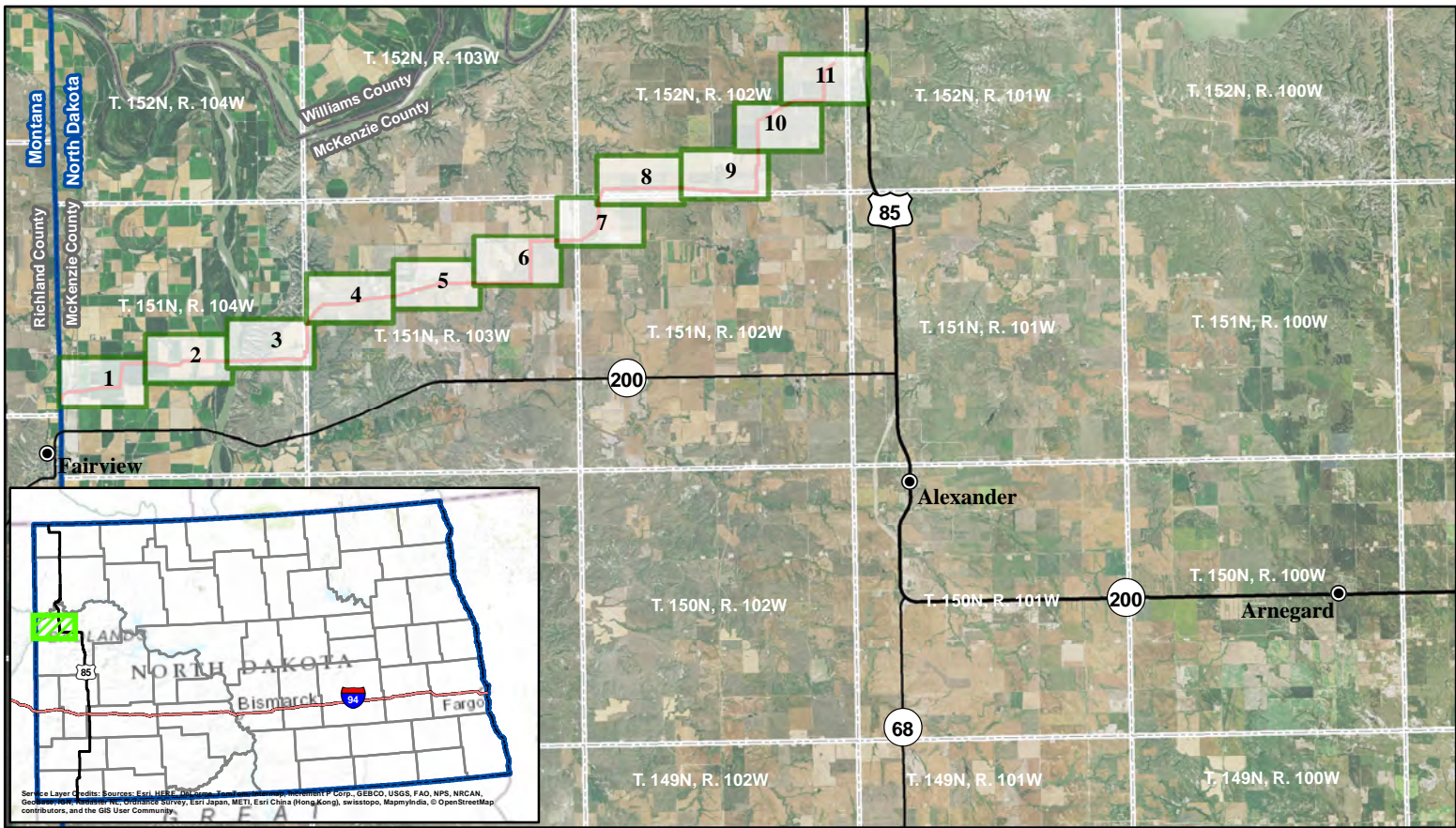
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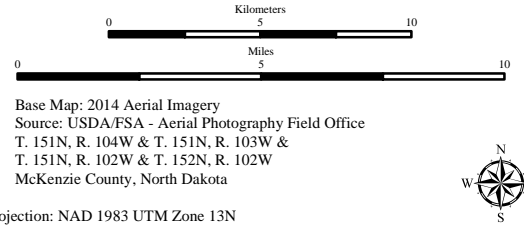


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May 6, 2015

Ms. Allisen Bement  
North Dakota Department of Trust Lands  
1707 North 9th Street  
Bismarck, North Dakota 58506-5523

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, State Minerals Trust Lands; Revision to letter dated March 27, 2015**

Dear Ms. Bement:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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- Sections 12–33, T151N, R104W
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The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the North Dakota Department of Trust Lands of the proposed project and offering them the opportunity to comment. The information received from the North Dakota Department of Trust Lands will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion.

Please send your replies and requests for additional project information to the following:

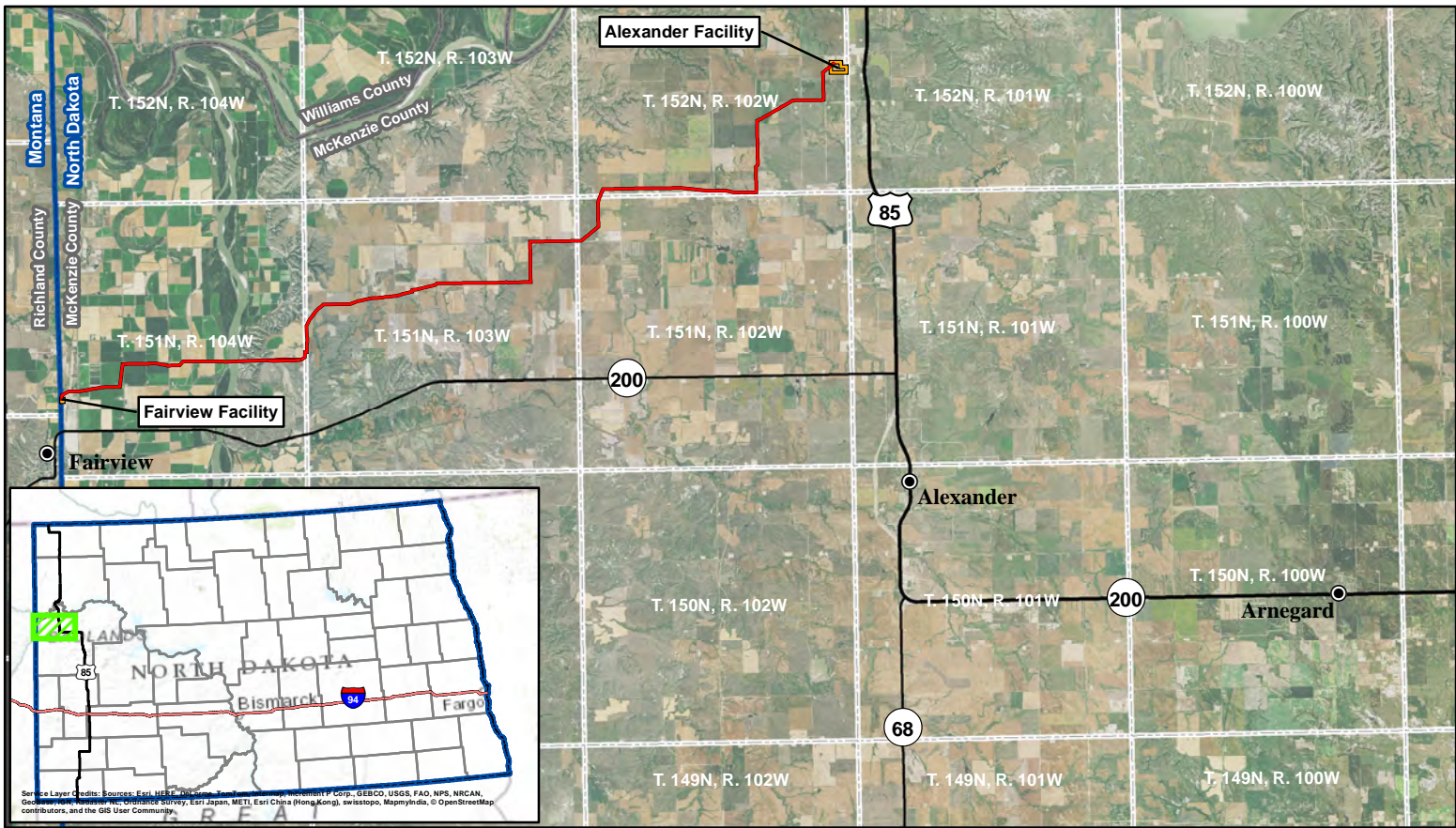
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads "Kate Kenninger". The signature is written in a cursive, flowing style.

Kate Kenninger

Enclosures: Attachment 1

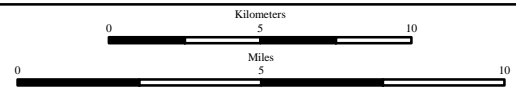


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- Facility Location
- State Boundary
- County Boundary
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Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** [Bement, Allisen C.](#)  
**To:** [Kate Kenninger](#)  
**Subject:** RE: NorthStar Midstream propped pipeline  
**Date:** Tuesday, May 12, 2015 9:47:32 AM  
**Attachments:** [image001.png](#)

---

Kate,

We agree that the data provided fairly represents the approximate location of the pipeline route as indicated by SWCA Environmental Consultants and the proximity of mineral interests managed by this office to that pipeline, for use in a filing with the PSC in the state of North Dakota.

*Allisen Bement*

Land Professional  
ND Department of Trust Lands  
701.328.1952  
[abement@nd.gov](mailto:abement@nd.gov)

---

**From:** Kate Kenninger [mailto:kkenninger@swca.com]  
**Sent:** Tuesday, May 12, 2015 9:06 AM  
**To:** Bement, Allisen C.  
**Subject:** RE: NorthStar Midstream propped pipeline

Hi Allisen,

Sorry about that, I've attached the files. Please let know if you have any questions.

Thank you,  
Kate

---

**From:** Bement, Allisen C. [mailto:[abement@nd.gov](mailto:abement@nd.gov)]  
**Sent:** Tuesday, May 12, 2015 8:40 AM  
**To:** Kate Kenninger  
**Subject:** RE: NorthStar Midstream propped pipeline

**Kate,**

**Could you resend the shapefile to me, but before you do please remain the .zip file to a .txt or a .doc and the resend.**

**Thank you,**

*Allisen Bement*

Land Professional  
ND Department of Trust Lands  
701.328.1952  
[abement@nd.gov](mailto:abement@nd.gov)

---

**From:** Kate Kenninger [<mailto:kkenninger@swca.com>]  
**Sent:** Monday, May 11, 2015 3:44 PM  
**To:** Bement, Allisen C.  
**Subject:** RE: NorthStar Midstream propped pipeline

Good afternoon Allisen,

A revised letter regarding the NST Express pipeline project was submitted on May 6, 2015. Additionally, I wanted to provide you with the shapefiles of the proposed project, as you requested, for your review.  
If additional information is needed, please let me know.

Thank you,  
Kate

---

**From:** Bement, Allisen C. [<mailto:abement@nd.gov>]  
**Sent:** Friday, April 10, 2015 2:14 PM  
**To:** Kate Kenninger  
**Subject:** RE: NorthStar Midstream propped pipeline

**Thank you Kate. You can send the letter to me.**

---

**From:** Kate Kenninger [<mailto:kkenninger@swca.com>]  
**Sent:** Friday, April 10, 2015 1:35 PM  
**To:** Bement, Allisen C.  
**Subject:** RE: NorthStar Midstream propped pipeline

Good afternoon Allisen,

As there have been modifications to the proponent name and project design for the NST Express pipeline project, SWCA will reissue a consultation letter to your agency. At that time we will also provide the additional request for information.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982

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 Please consider the environment before printing this email

---

**From:** Bement, Allisen C. [<mailto:abement@nd.gov>]  
**Sent:** Tuesday, April 07, 2015 9:39 AM  
**To:** Kate Kenninger  
**Subject:** NorthStar Midstream propped pipeline

**Good Morning Kate,**

We received your letter to the Department. Do you have GIS layer of the proposed pipeline route?

Thank you,

*Allisen Bement*

Land Professional  
ND Department of Trust Lands  
701.328.1952  
[abement@nd.gov](mailto:abement@nd.gov)



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March 27, 2015

Mr. Michael Haupt  
North Dakota Department of Trust Lands  
1707 North 9<sup>th</sup> Street  
Bismarck, North Dakota 58506-5523

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, State School Trust Lands**

Dear Mr. Haupt:

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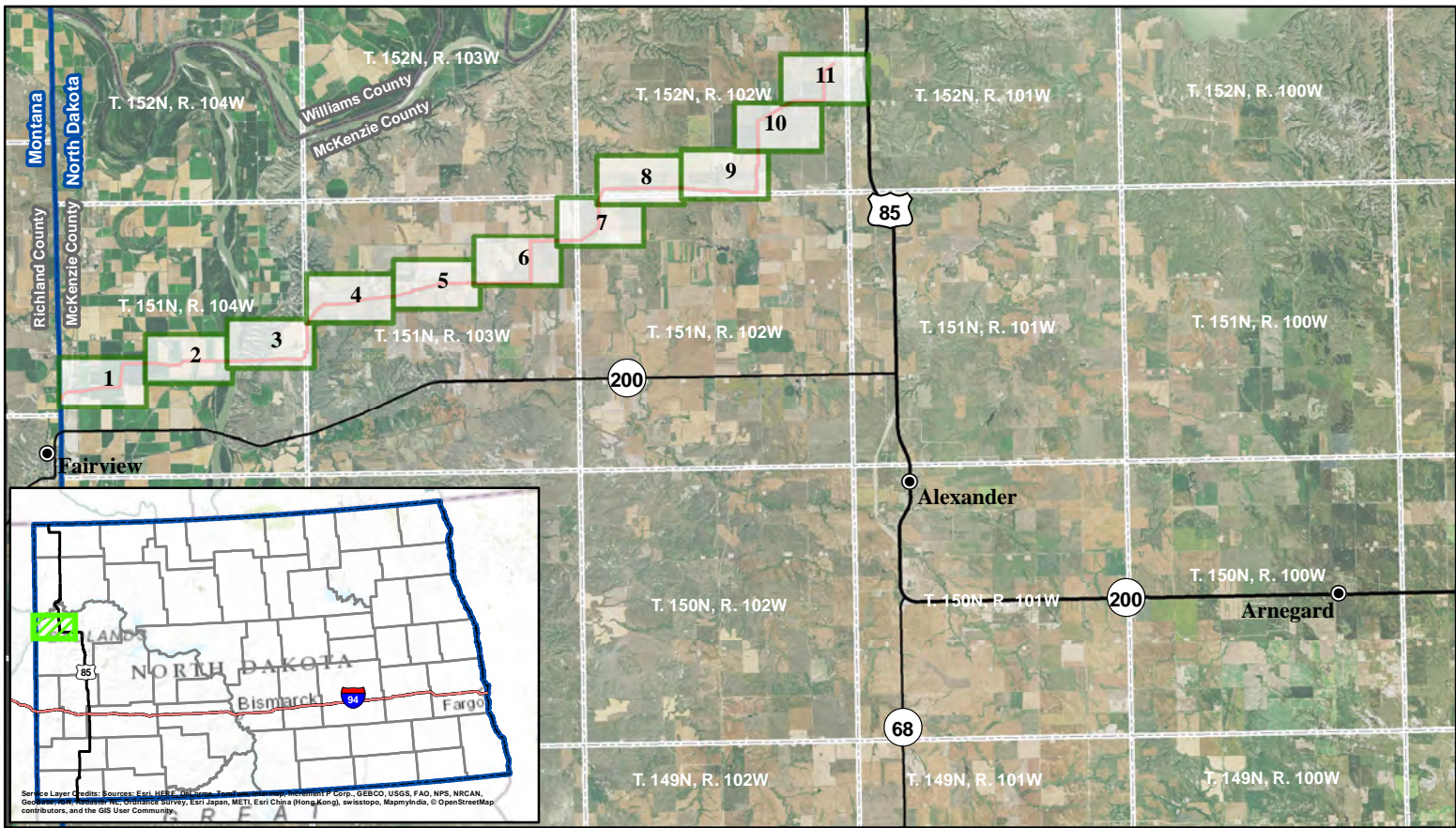
Kate Kenninger, Natural Resource Specialist  
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kkenninger@swca.com

Sincerely,

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Kate Kenninger

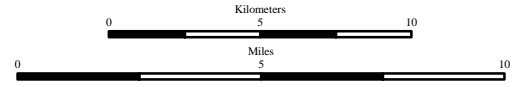
Enclosures: Attachment 1



### NST Express Pipeline

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- Proposed Pipeline
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- State Highway
- ▭ State Boundary
- ▭ County Boundary
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Base Map: 2014 Aerial Imagery  
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McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

May 6, 2015

Mr. Michael Haupt  
North Dakota Department of Trust Lands  
1707 North 9th Street  
Bismarck, North Dakota 58506-5523

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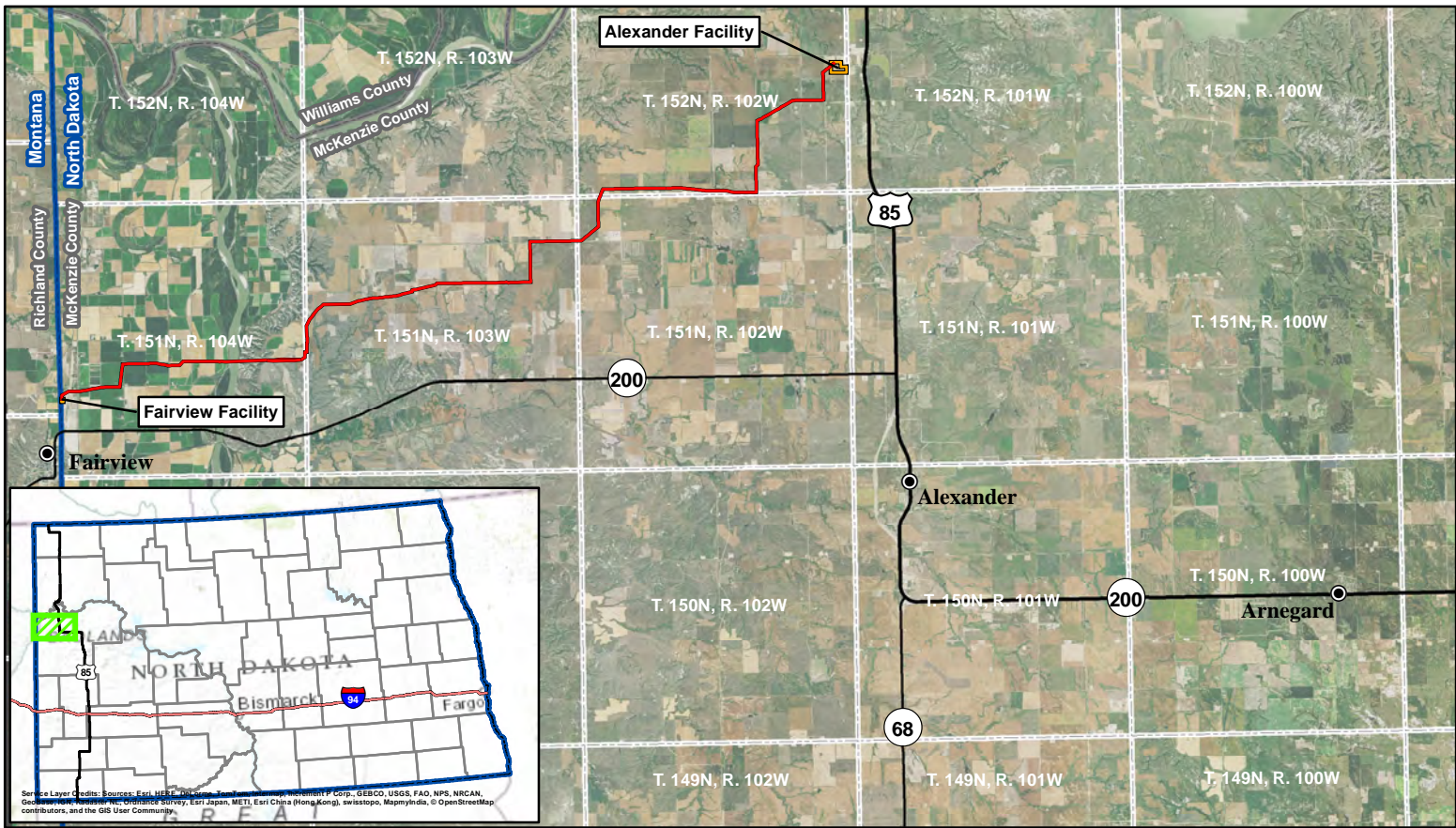
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116 North 4th Street, Suite 200  
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(701) 258-6622  
kkenninger@swca.com

Sincerely,

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Kate Kenninger

Enclosures: Attachment 1

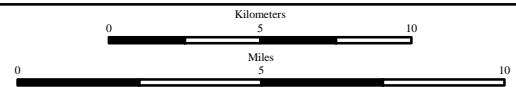


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### NST Express Pipeline

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 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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March 27, 2015

Mr. David Glatt  
North Dakota Department of Health  
918 Divide Avenue, 4<sup>th</sup> Floor  
Bismarck, North Dakota 58501

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, North Dakota Department of Health**

Dear Mr. Glatt:

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Please send your replies and requests for additional project information to:

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116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
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Kate Kenninger

Enclosures: Attachment 1





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May 6, 2015

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North Dakota Department of Health  
918 Divide Avenue, 4th Floor  
Bismarck, North Dakota 58501

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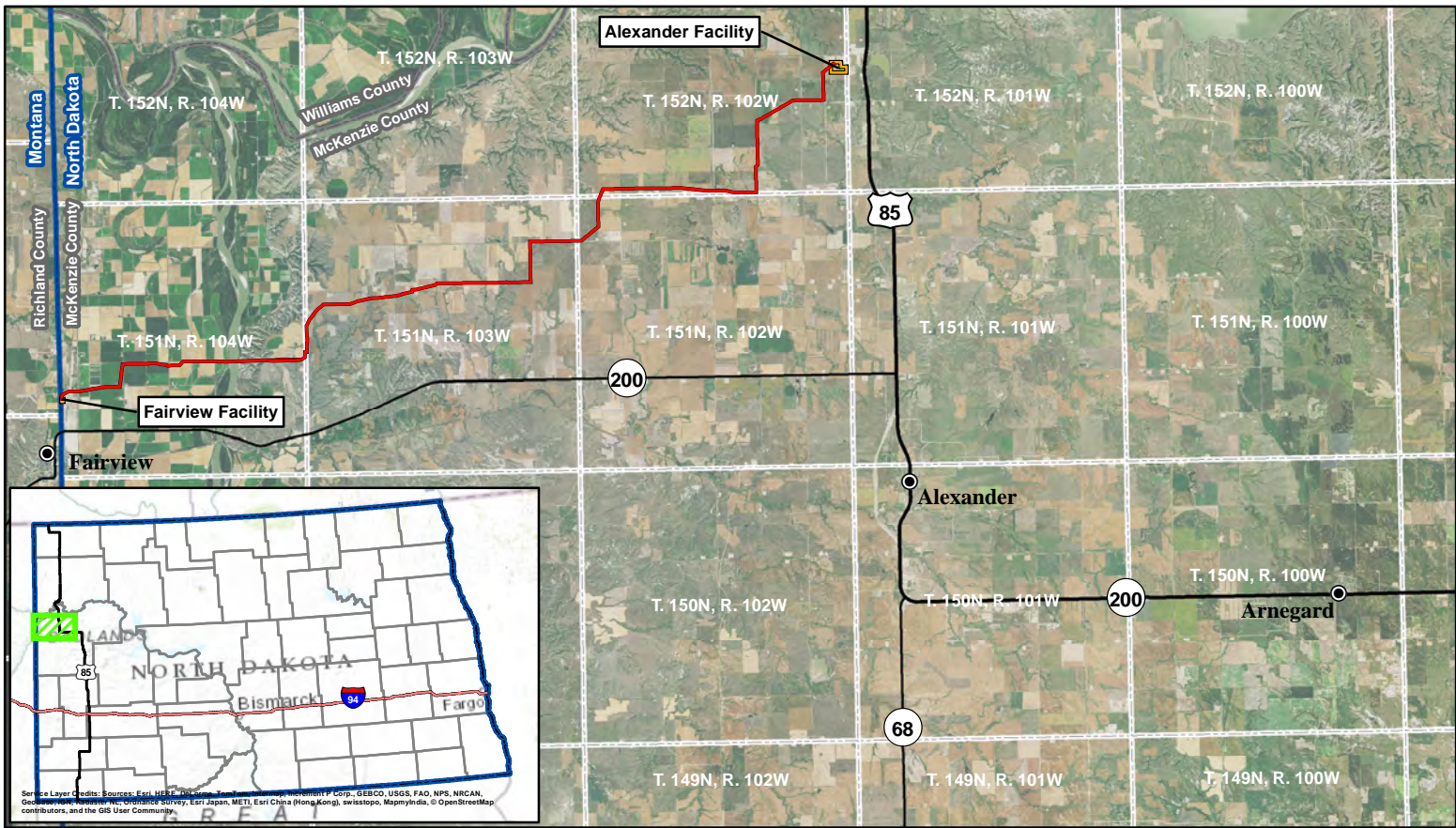
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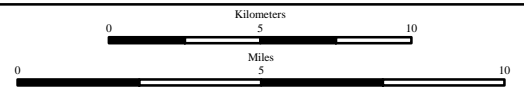


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### NST Express Pipeline

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 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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March 27, 2015

Mr. Greg Link  
Conservation and Communication Division  
North Dakota Game and Fish Department  
100 N. Bismarck Expressway  
Bismarck, North Dakota 58501

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, State Conservation Priority Species Consultation and State PLOTS Land Review**

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SWCA Environmental Consultants requests the NDGF review the proposed analysis area for presence or absence of State Conservation Priority Species and NDGF PLOTS Lands. The information received from the NDGF will be used in the North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

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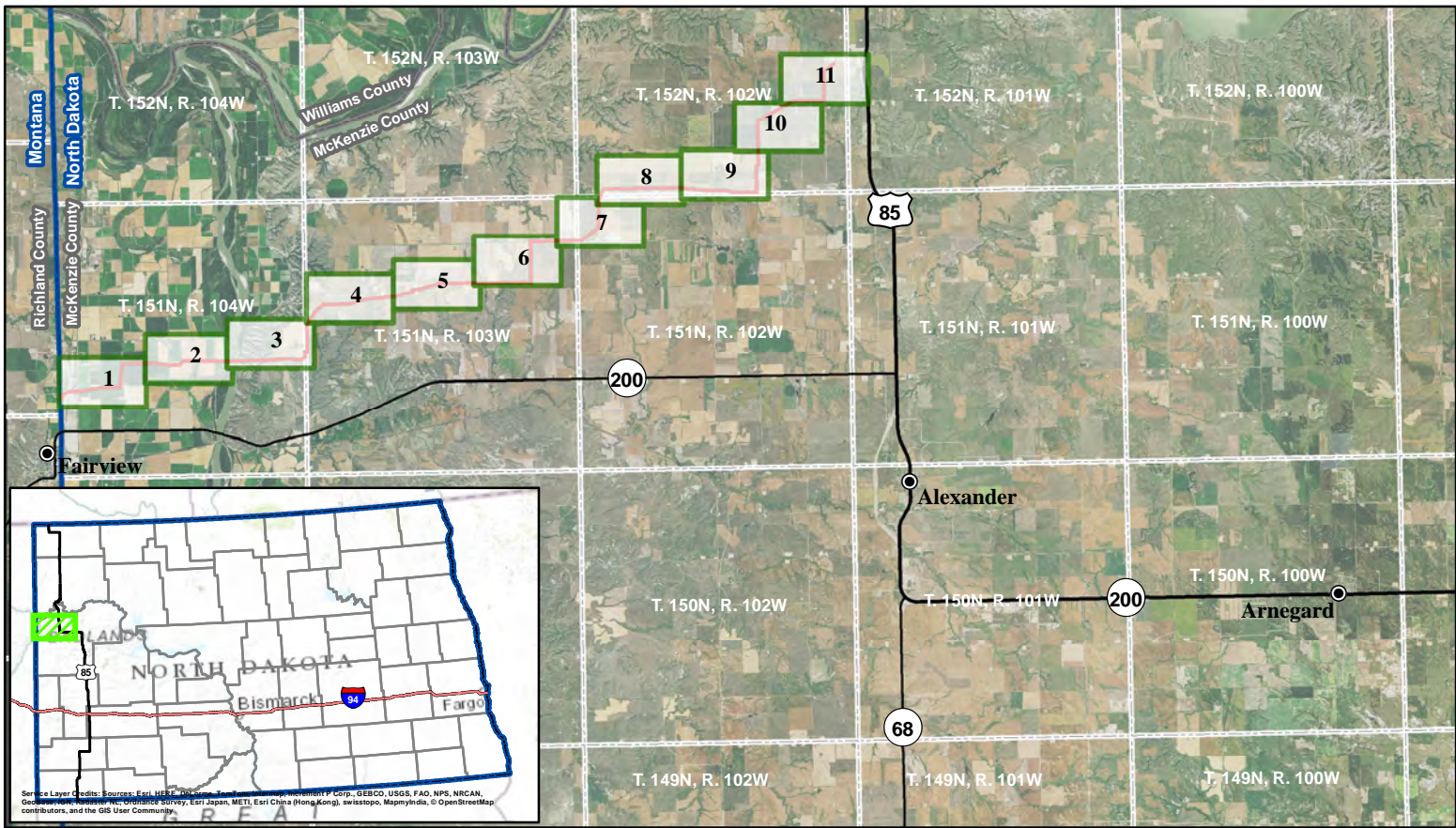
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0 5 10  
Kilometers

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Miles

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May 6, 2015

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Conservation and Communication Division  
North Dakota Game and Fish Department  
100 North Bismarck Expressway  
Bismarck, North Dakota 58501

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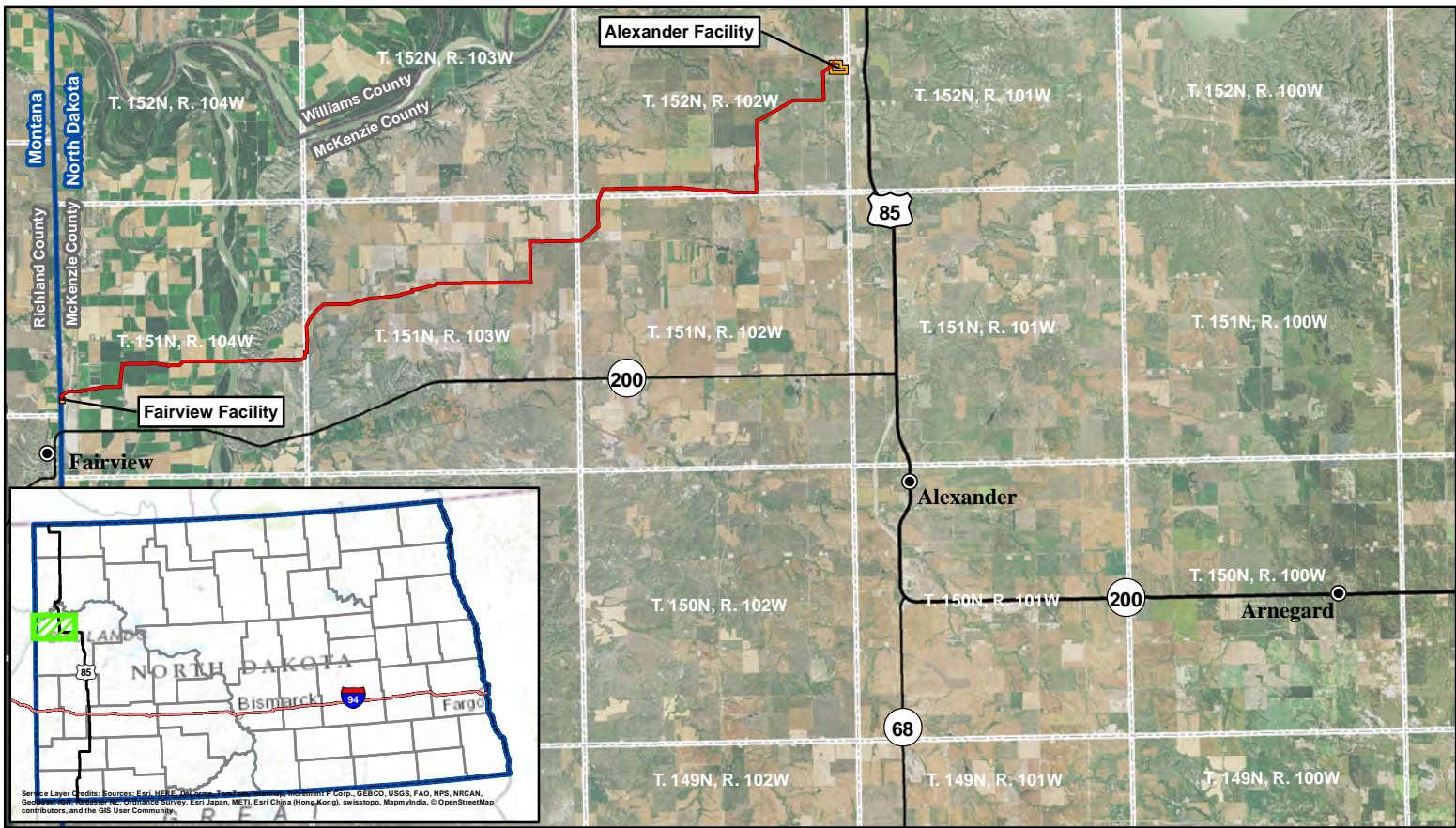
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Sincerely,



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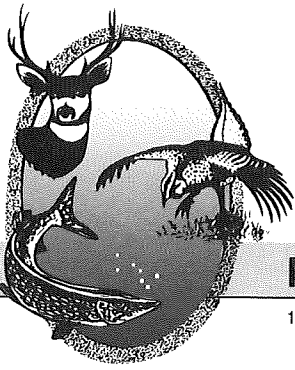
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 ENVIRONMENTAL CONSULTANTS  
 116 North 4th Street  
 Suite 200  
 Bismarck, ND 58501  
 Phone: 701.258.6622  
 Fax: 701.258.5957  
 www.swca.com



Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



"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

April 23, 2015

Kate Kenninger  
Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4<sup>th</sup> Street, Suite 200  
Bismarck, ND 58501

Dear Ms. Kenninger:

RE: NST Express Pipeline Project

NorthStar Midstream is proposing to construct an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander and terminating in Fairview in McKenzie County, North Dakota. The North Dakota Game and Fish Department has reviewed this project for wildlife concerns.

A primary concern with this project 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 pipeline route will cross the Yellowstone River, a Class I fishery. We recommend that this stream be crossed by directional boring to protect the resource. 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. Every precaution should be taken to prevent leaks or spills from entering the river.

Aquatic nuisance species (ANS) are a major concern in North Dakota. State law requires that the contractor, including any and all subcontractors involved in this project, take appropriate precautions to prevent the introduction or movement of ANS within the state. The contractor should provide the department a reasonable opportunity to inspect any equipment prior to these items being launched or placed into waters of the state. The department's Aquatic Nuisance Species Coordinator, Mr. Fred Ryckman, can be contacted at 701-770-0920 for equipment inspections or additional information regarding ANS prevention protocols.

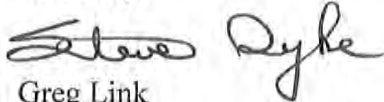
The National Wetland Inventory indicates various wetlands within the proposed project corridor. Steps should be taken to protect any wetlands that cannot be avoided, no alterations should be made to existing drainage patterns, and above-ground appurtenances should not be placed in wetland areas. Unavoidable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

We recommend that aerial surveys be conducted for raptor nests before construction begins. Our records indicate a golden eagle nest located in close proximity to the project area. We recommend that a ½-mile construction buffer be implemented around active eagle nest sites (known occupied within the past 5 years). Ms. Sandra Johnson, Conservation Biologist, can be contacted at 701-328-6327 for additional information on golden eagle nests in the state.

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

Private Lands Open to Sportsmen (PLOTS) is a public access program which cost-shares with private landowners to help conserve fish and wildlife habitat. PLOTS lands are not owned or managed by the ND Game and Fish Department. Information regarding PLOTS locations is available at: <http://gf.nd.gov/hunting/private-land-open-sportsmen>. This page is updated to reflect changes as tracts are added or removed.

Sincerely,



(for)

Greg Link  
Chief  
Conservation & Communication Division

js



## RECORD OF CONVERSATION

Date of Call: May 18, 2015    Time of Call: 1:45PM    Duration: message

Called/Caller: Fred Ryckman/Kate Kenninger

Phone Number: 701-770-0920

Project Name/Number: NST Expresss/30320

Subject of Call: SWCA left a message with Fred Ryckman (Aquatic Nuisance Species (ANS) Coordinator with North Dakota Game and Fish) based on response letter dated April 23, 2015, on ANS protocols.



## RECORD OF CONVERSATION

Date of Call: May 18, 2015    Time of Call: 1:50PM    Duration: message

Called/Caller: Sandra Johnson/Kate Kenninger

Phone Number: 701-328-6382

Project Name/Number: NST Expresss/30320

Subject of Call: SWCA left a message with Sandra Johnson (Conservation Biologists with North Dakota Game and Fish) based on response letter dated April 23, 2015, on golden eagle nest locations.

**From:** [Schumacher, John D.](#)  
**To:** [Kate Kenninger](#)  
**Subject:** NST Express Pipeline Revisions  
**Date:** Tuesday, May 26, 2015 11:21:19 AM

---

Ms. Kenninger,

The North Dakota Game and Fish Department has reviewed this project as revised and has nothing additional to offer. Our original comments are still applicable.

If you have any questions I may be contacted by email or at the number below.

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



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March 27, 2015

Ms. Kathy Duttonhefner  
North Dakota Parks and Recreation Department  
1600 East Century Avenue, Suite 3  
Bismarck, North Dakota 58503

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, State Parks Lands, Land and Water Conservation Fund, and Natural Heritage Inventory**

Dear Ms. Duttonhefner:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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- Sections 12–33, T151N, R104W
- Sections 18, 19, 30, 31, T152N, R101W
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- Sections 25, 35, 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants requests the North Dakota Parks and Recreation Department review the proposed analysis area for environmental issues that are relevant to the North Dakota Public Service Commission's siting requirements: State Park Lands, Land and Water Conservation Fund, and the Natural Heritage Inventory. The information received from the North Dakota Parks and Recreation Department will be used in the North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

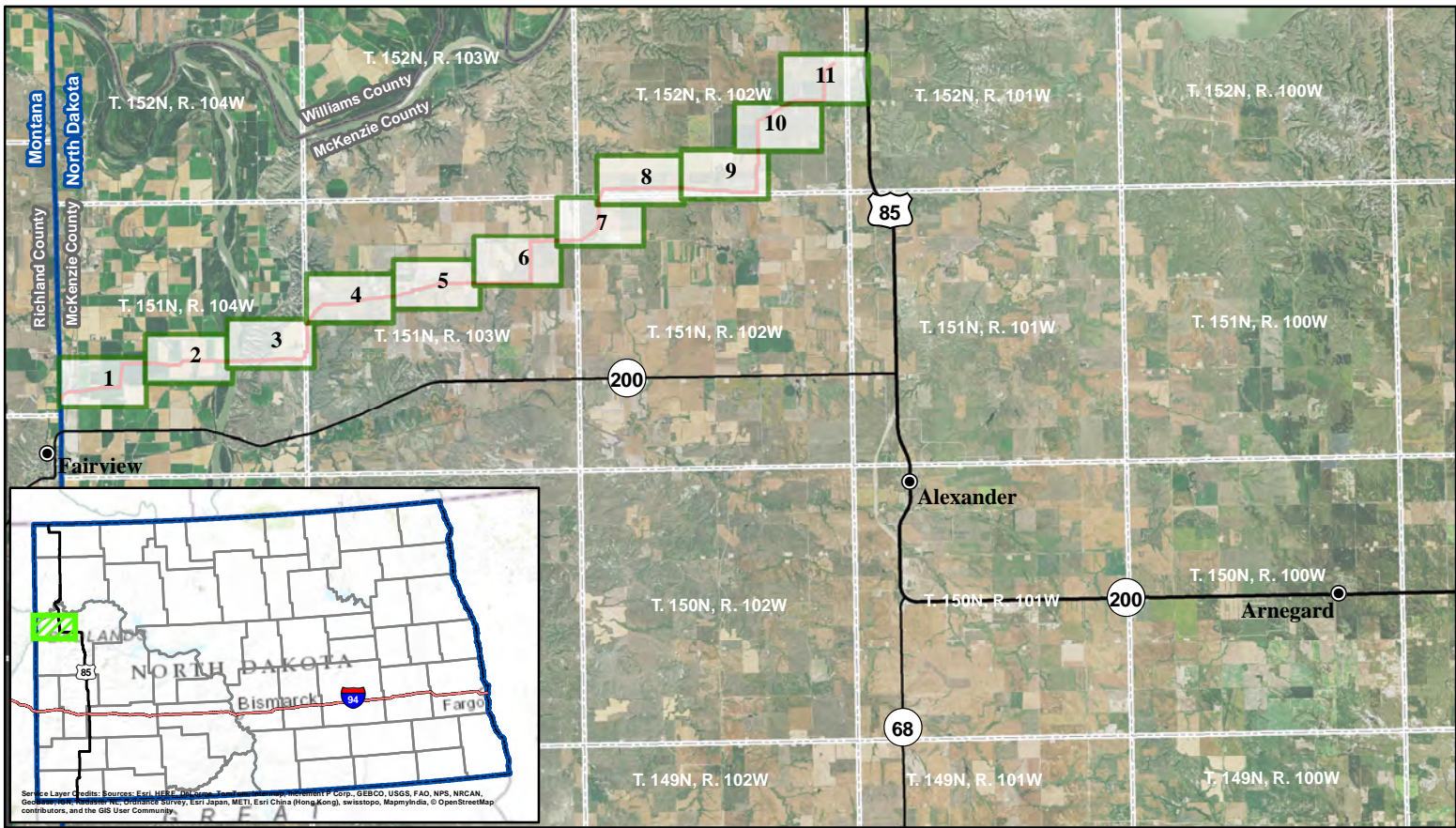
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads "Kate Kenninger".


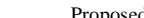





Kate Kenninger

Enclosures: Attachment 1



Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Swire, GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, Swire, GEBCO, Esri, Japan, METI, Esri, China (Hong Kong), swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

### NST Express Pipeline

-  City
-  Proposed Pipeline
-  U.S. Highway
-  State Highway
-  State Boundary
-  County Boundary
-  Township/Range Boundary

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May 6, 2015

Ms. Kathy Duttonhefner  
North Dakota Parks and Recreation Department  
1600 East Century Avenue, Suite 3  
Bismarck, North Dakota 58503

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, State Parks Lands, Land and Water Conservation Fund, and Natural Heritage Inventory; Revisions to letter dated March 27, 2015**

Dear Ms. Duttonhefner:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants requests that the North Dakota Parks and Recreation Department review the proposed analysis area for environmental issues that are relevant to the North Dakota Public Service Commission's siting requirements: State Park Lands, Land and Water Conservation Fund, and the Natural Heritage Inventory. The information received from the North Dakota Parks and Recreation Department will be used in the North Dakota Public Service Commission application being prepared for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion.

Please send your replies and requests for additional project information to:

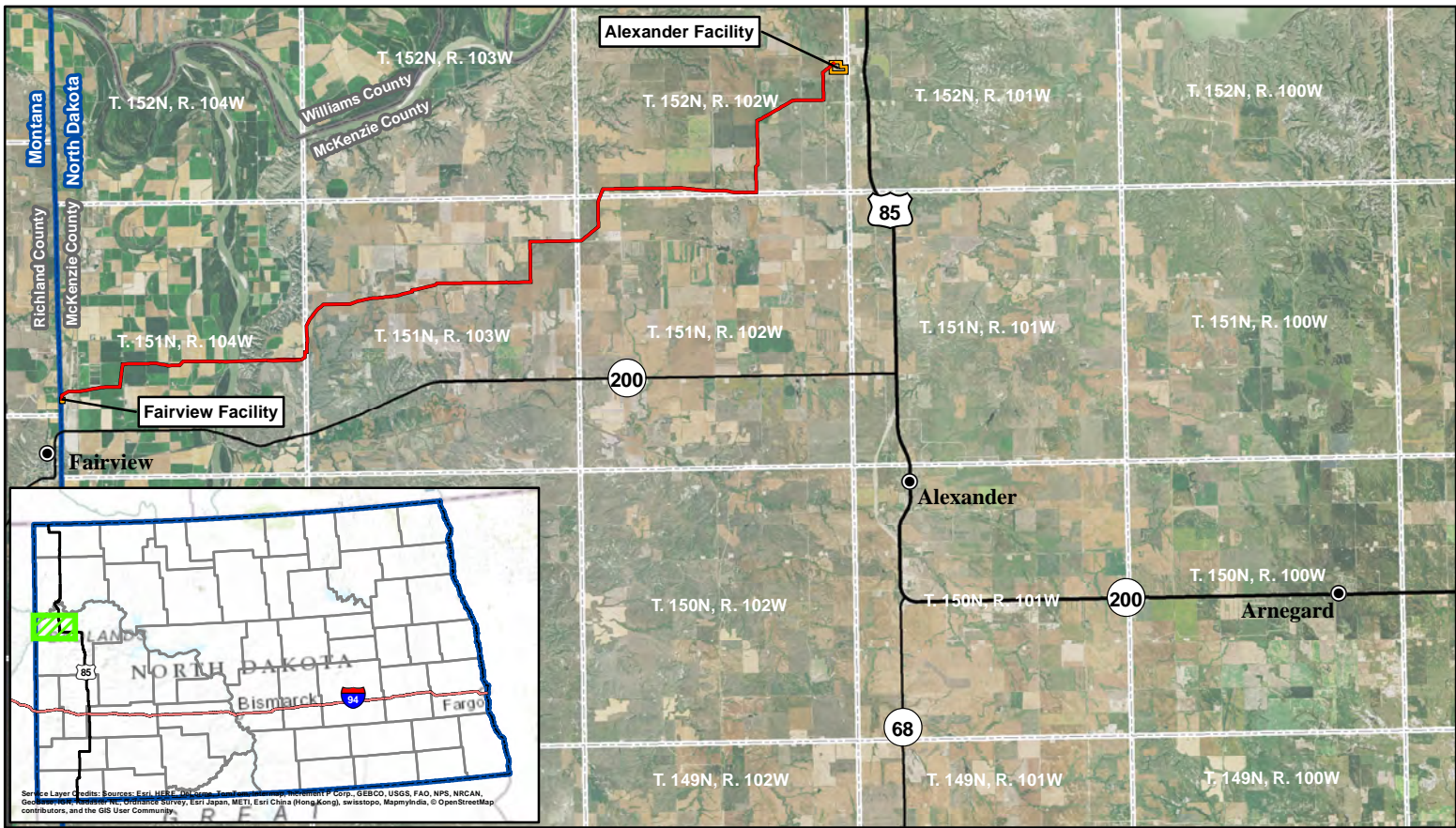
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1

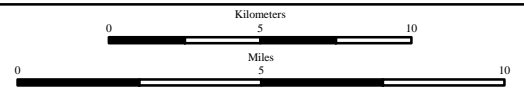


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- Facility Location
- State Boundary
- County Boundary
- Township/Range Boundary

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 McKenzie County, North Dakota



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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 20, 2015

Ms. Kate Kenninger  
SWCA Environmental Consultants  
Suite 200  
116 North 4th St  
Bismarck, ND 58501

Re: NorthStar Midstream – NST Express Pipeline, McKenzie County

Dear Ms. Kenninger,

The North Dakota Parks and Recreation Department (the Department) has reviewed the above referenced proposed NST Express pipeline project located in McKenzie County.

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 or Land and Water Conservation Fund recreation projects that we coordinate.

The North Dakota Natural Heritage biological conservation database has been reviewed to determine if any 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, there are several documented occurrences in our database within or adjacent to project area. Please see the attached spreadsheet and map for more information on these occurrences. 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.

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

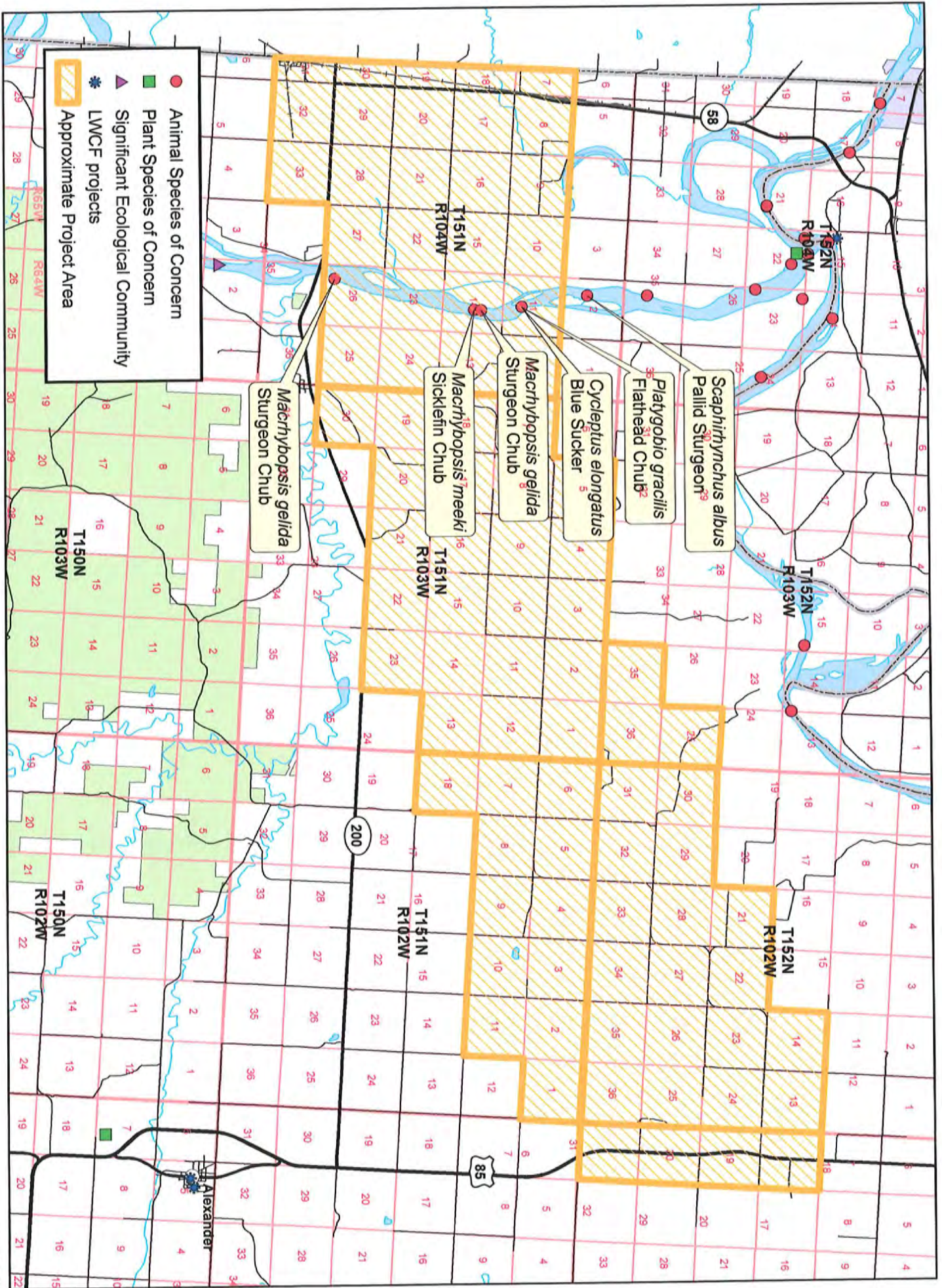
Sincerely,

  
Kathy Duttonhefner, Coordinator  
Natural Resources Division

R.USNDNHI\*2015\_214KD4/20/2015DL4.20.2015

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

# 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>Cypleptus elongatus</i>	Blue Sucker	S3	G3G4		151N104W - 11 151N104W - 26; 151N104W - 22; 151N104W - 28; 151N104W - 36; 150N104W - 03; 151N104W - 27; 150N104W - 02; 151N104W - 35; 151N104W - 24; 151N104W - 23; 151N104W - 25; 151N104W - 34	McKenzie	1994-09-30		S
<i>Macrhybopsis gelida</i>	Sturgeon Chub	S2	G3		151N104W - 14; 151N104W - 23; 151N104W - 15; 151N104W - 13; 151N104W - 10; 151N104W - 22; 151N104W - 11; 151N104W - 24; 151N104W - 12	McKenzie	1977-07-27		M
<i>Macrhybopsis gelida</i>	Sturgeon Chub	S2	G3		151N104W - 14; 151N104W - 23; 151N104W - 15; 151N104W - 13; 151N104W - 10; 151N104W - 22; 151N104W - 11; 151N104W - 24; 151N104W - 12	McKenzie	1994-09-20		M
<i>Macrhybopsis meeki</i>	Sicklefin Chub	S2	G3		151N104W - 13; 151N104W - 10; 151N104W - 22; 151N104W - 11; 151N104W - 24; 151N104W - 12	McKenzie	1977-07-27		M
<i>Platygobio gracilis</i>	Flathead Chub	SNR	G5		151N104W - 11 151N104W - 02; 152N104W - 36; 151N104W - 12; 152N104W - 35; 151N104W - 10; 151N104W - 11; 151N104W - 03; 152N104W - 34; 151N104W - 01	McKenzie	1993-10-01		S
<i>Scaphirhynchus albus</i>	Pallid Sturgeon	S1	G2	LE		McKenzie	1994-04-29	Low	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 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



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March 27, 2015

Mr. Scott Hochhalter, State Soil Specialist  
NDSU Extension Service  
2718 Gateway Avenue, Suite 104  
Bismarck, North Dakota 58503

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, North Dakota State Soil Conservation Committee**

Dear Mr. Hochhalter:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the North Dakota State Soil Conservation Committee of the proposed project and offering the opportunity for comments. The information received from the Soil Conservation Committee will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

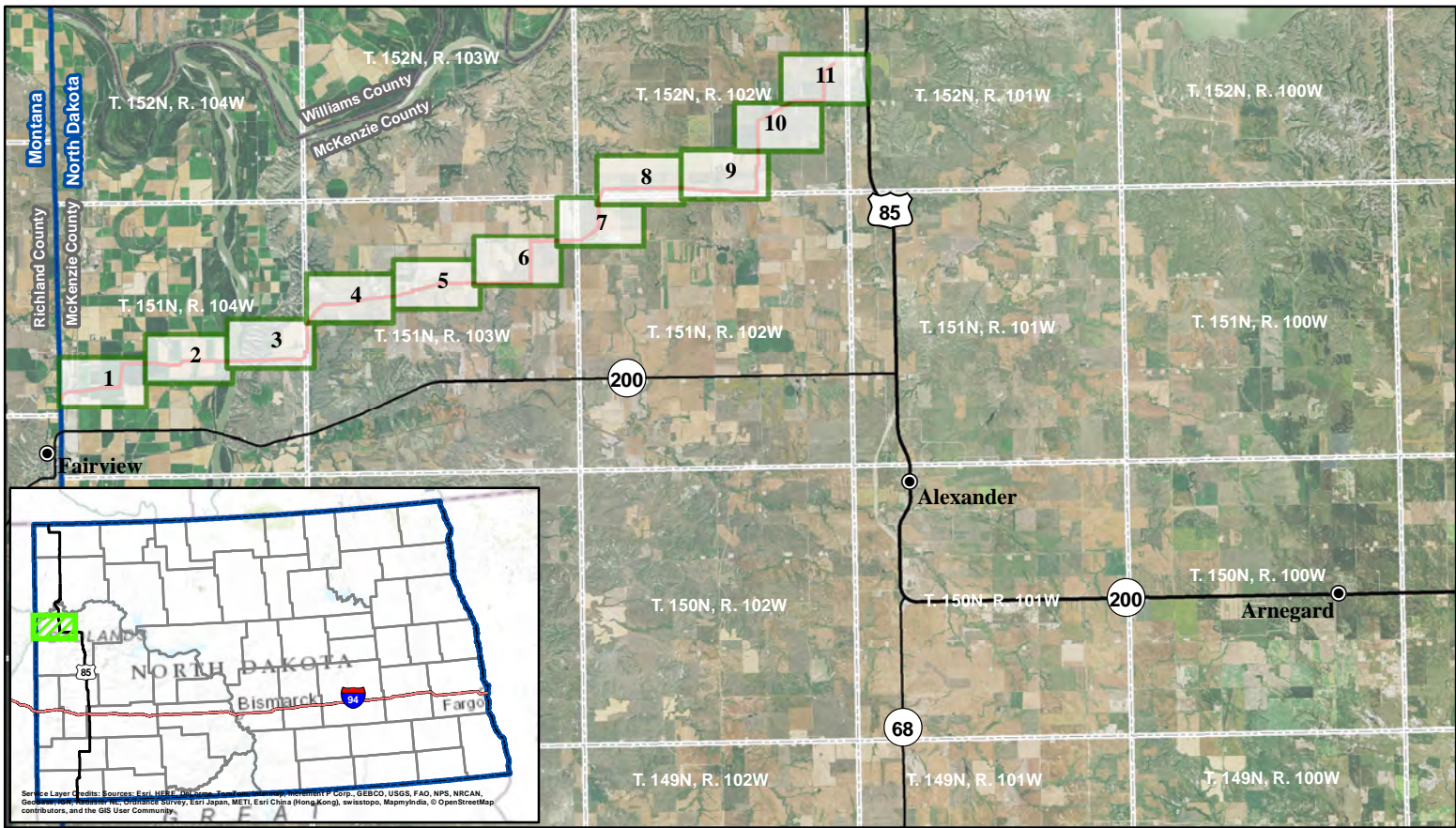
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kkenninger@swca.com

Sincerely,

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Kate Kenninger

Enclosures: Attachment 1

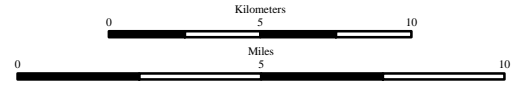


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
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Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

Mr. Scott Hochhalter  
State Soil Specialist  
North Dakota State University Extension Service  
North Dakota State Soil Conservation Committee  
2718 Gateway Avenue, Suite 104  
Bismarck, North Dakota 58503

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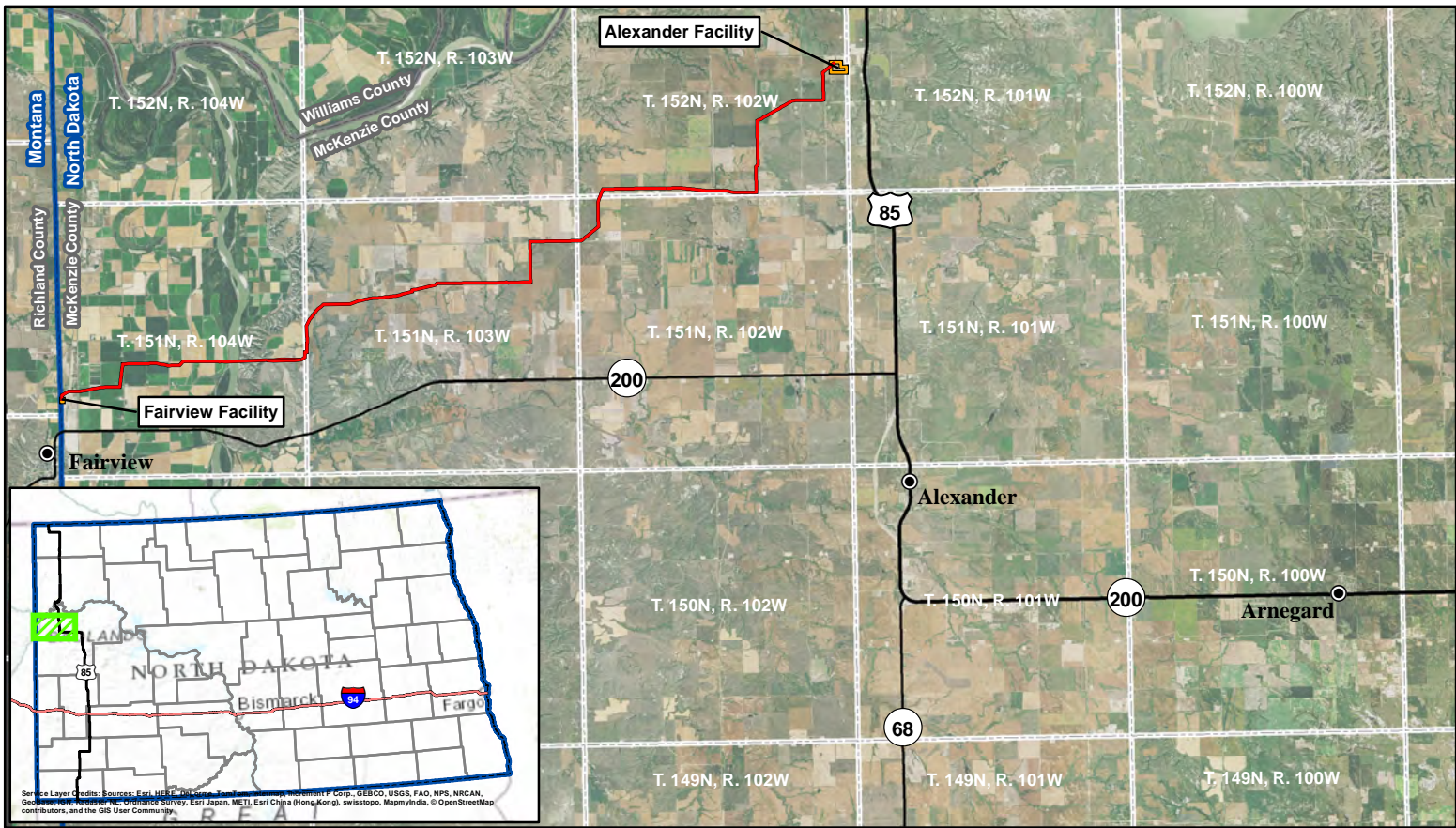
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
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(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

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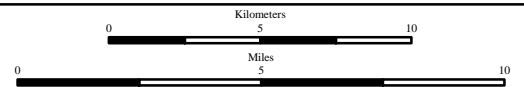


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March 27, 2015

Mr. Jeff Klein  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, North Dakota State Water Commission**

Dear Mr. Klein:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11, 18, Township (T) 151 North (N), Range (R) 102 West (W)
- Sections 1–5, 7–23, 30, T151N, R103W
- Sections 12–33, T151N, R104W
- Sections 18, 19, 30, 31, T152N, R101W
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- Sections 25, 35, 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the North Dakota State Water Commission of the proposed project and offering the opportunity for comments. The information received from the State Water Commission will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

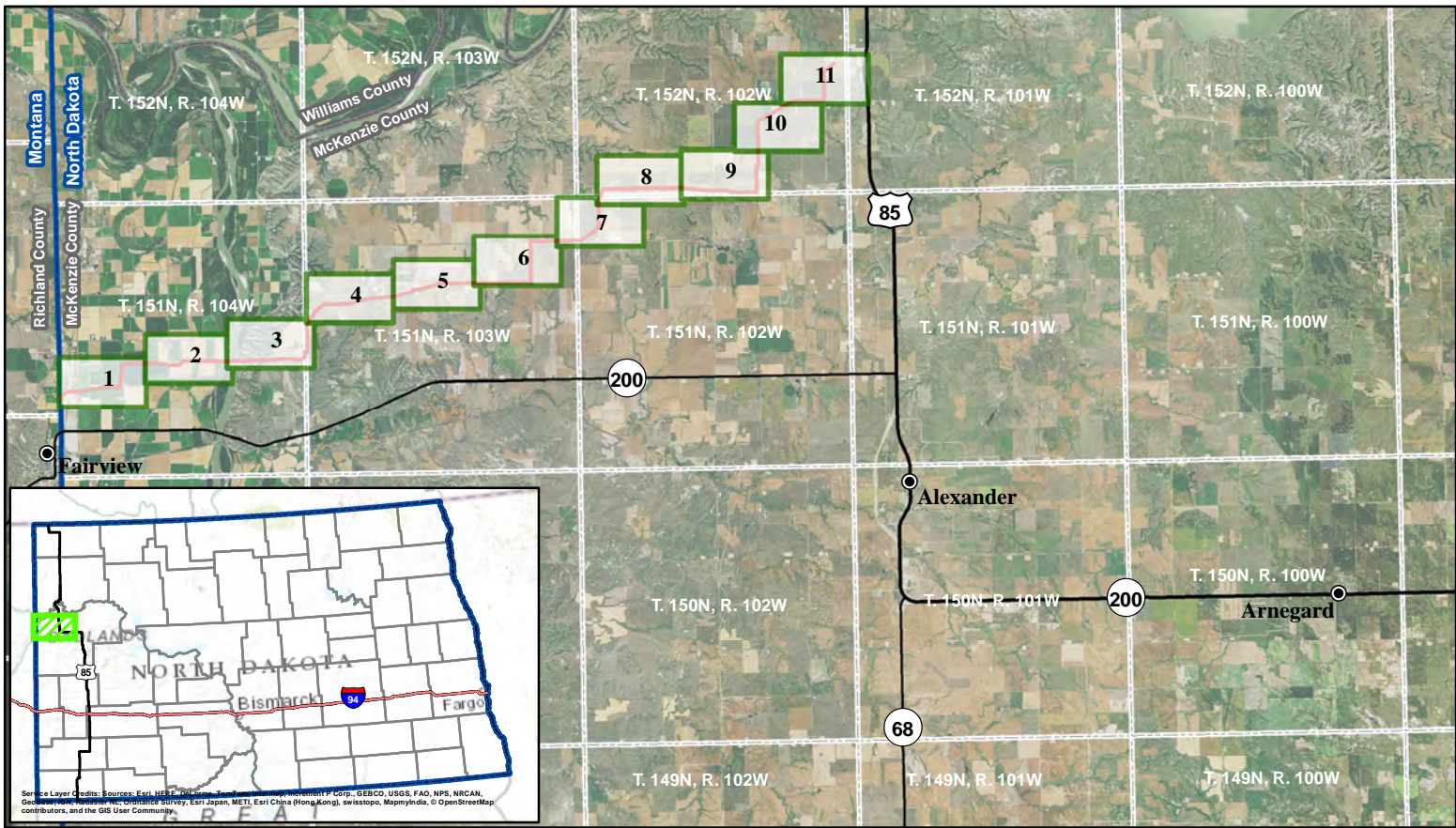
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads "Kate Kenninger".

Kate Kenninger

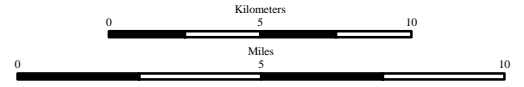
Enclosures: Attachment 1



### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
- Township/Range Boundary

**SWCA**  
 ENVIRONMENTAL CONSULTANTS  
 116 North 4th Street  
 Suite 200  
 Bismarck, ND 58501  
 Phone: 701.258.6622  
 Fax: 701.258.5957  
 www.swca.com



Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
Tel 701.258.6622 Fax 701.258.5957  
www.swca.com

May 6, 2015

Mr. Jeff Klein  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, North Dakota State Water Commission; Revisions to letter dated March 27, 2015**

Dear Mr. Klein:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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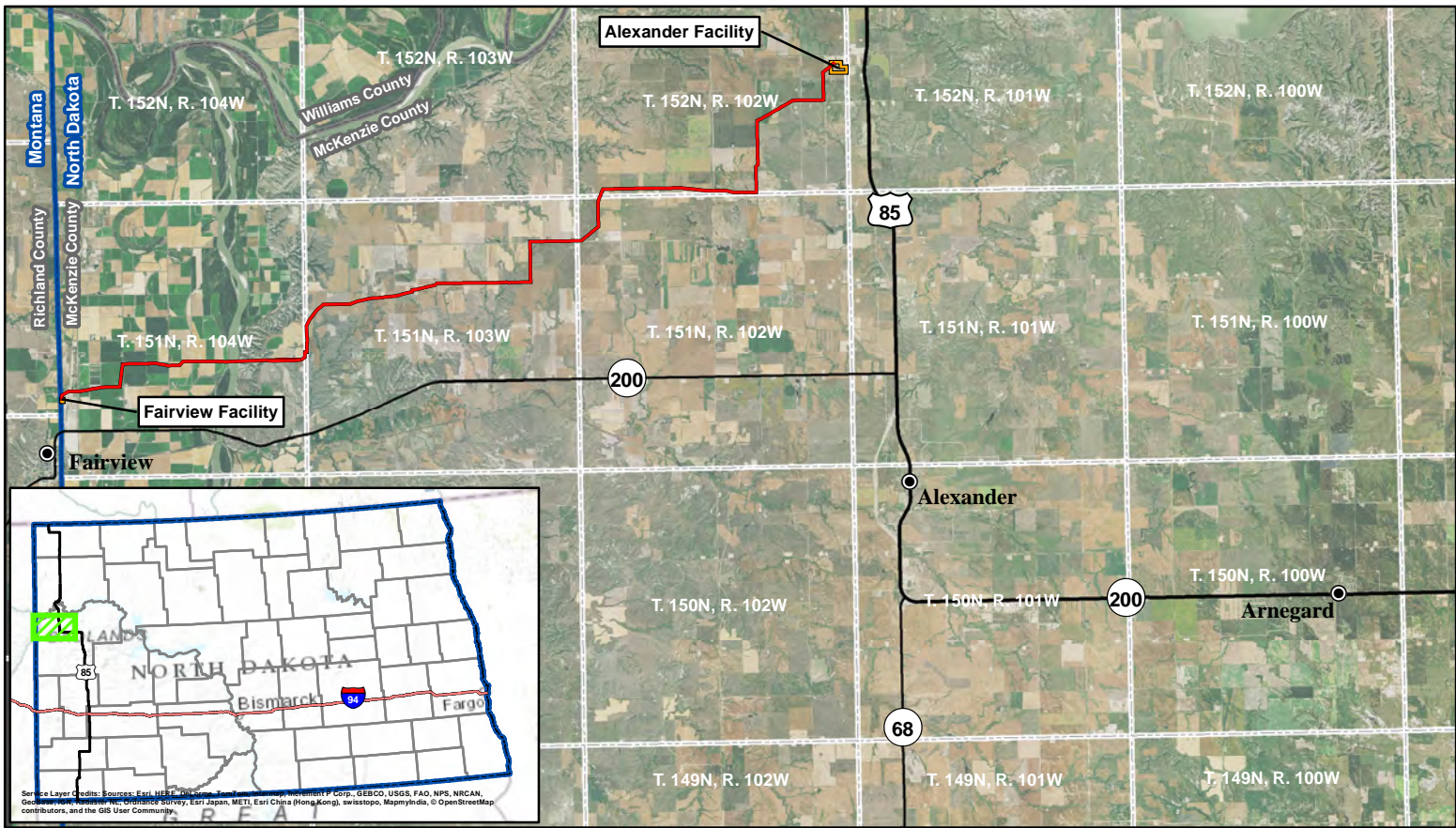
Kate Kenninger, Natural Resource Specialist  
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116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1

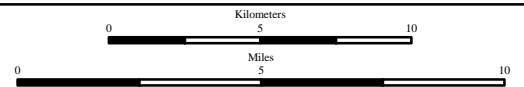


Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Swire, GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, Swire, GEBCO, Esri, Japan, METI, Esri China (Hong Kong), swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- Facility Location
- State Boundary
- County Boundary
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Base Map: 2014 Aerial Imagery  
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 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



## RECORD OF CONVERSATION

Date of Call: April 2, 2015    Time of Call: 2:52PM    Duration: 01:56

Called/Caller: Jared Huibregtse- North Dakota State Water Commission

Phone Number: 701-328-4898

Project Name/Number: NST Expresss/30320

Subject of Call:

Jared Huibregtse called from the ND State Water Commission to follow up on the consultation letter that was submitted to the SWC on March 27, 2015.

Jared had two requests: a zoomed-in overview map of the alignment near Alexander, ND, for floodplain review; if any work is to be completed in Montana that SWCA discuss the proposed project with the Montana state officials.

Jared will follow up with email to provide contact information in order for SWCA to submit the requested map.



# North Dakota State Water Commission

900 EAST BOULEVARD AVENUE, DEPT 770 • BISMARCK, NORTH DAKOTA 58505-0850  
701-328-2750 • TDD 701-328-2750 • FAX 701-328-3696 • INTERNET: <http://swc.nd.gov>

April 17, 2015

Kate Kenninger  
SWCA  
Bismarck Office  
116 N 4<sup>th</sup> Street STE 200  
Bismarck, ND 58501

Dear Ms. Kenninger:

This is in response to your request for review of environmental impacts associated with the NorthStar Midstream – NST Express Pipeline located in McKenzie County, ND. NST Express pipeline project is an approximately 23.5 mile-long, 12-inch diameter crude line originating in Alexander, ND, and terminating in Fairview, ND. The legal description of the project is as follows: Section 1-11, 18, Township (T) 151 North (N), Range (R) 102 West (W); Sections 1-5, 7-23, 30, T151N, R103W; Sections 12-33, T151N, R104W; Section 18, 19, 30, 31, T151N, R101W; Section 13, 14, 21-36, T152N R102W; and Sections 25, 35, 36, T151N, R103W.

The proposed project has been reviewed by State Water Commission staff and the following comments are provided:

- A sovereign land permit will be needed for this project from the State Engineer's office. An application form is enclosed for your convenience. Please contact Jerry Heiser at 701-328-4935 if you have any questions regarding the sovereign land permit.
- A determination regarding floodplain effects could not be made because there was not enough detail in the information provided. Jared Huibregtse contacted you requesting more detailed location information so that a floodplain determination could be made. After the information is received and reviewed by the State Water Commission staff, you will be contacted regarding the floodplain determination.
- The ND State Water Commission (Commission) maintains a network of observation/monitor water wells and the location of gaging stations throughout the state, and many are located close to public right-of-ways. The location information can be obtained from the Commission's website at: <http://swc.nd.gov>; then click on "Map and Data Resources"; and then click on "Map Services". Please inform the Water Appropriations Division of the Commission at 701-328-2754, if gaging stations or water wells may be affected by the project or accidentally damaged. A map is enclosed.
- Please contact the Western Area Water Supply Authority at 701-774-6605 regarding project infrastructure located in the project area.
- It is the responsibility of the project sponsor to ensure that local, state and federal agencies are contacted for any required approvals, permits, and easements.
- All waste material associated with the project must be disposed of properly and not placed in identified floodway areas.
- No sole-source aquifers have been designated in ND.

Thank you for the opportunity to provide review comments. If you have any questions, please call me at 701-328-4967.

Sincerely,

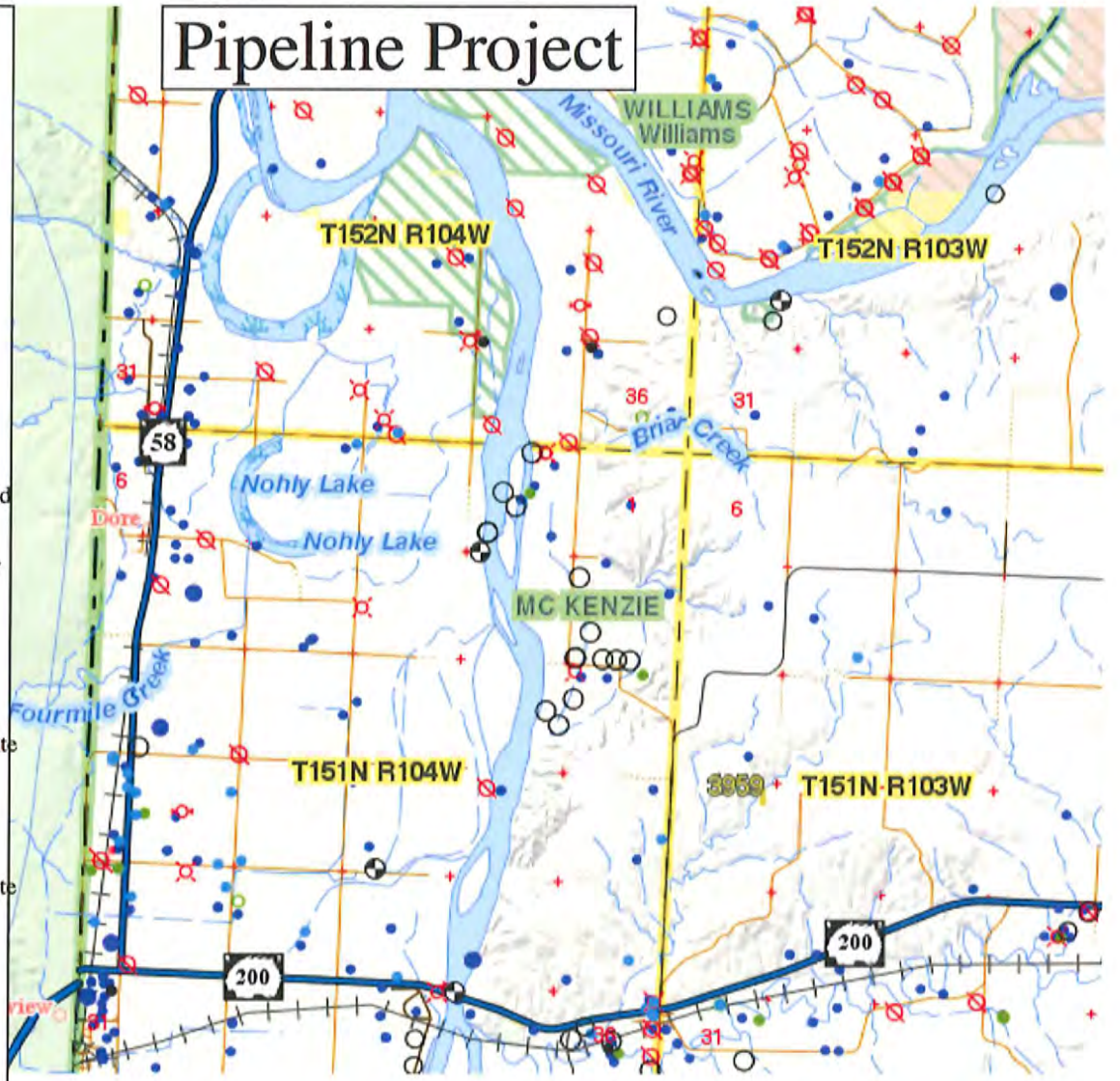
Linda Weispfenning  
Water Resource Planner

LW:dm/1570

Encl.

# Pipeline Project

- ND Corporate Limits
- ▨ Tribal Lands
- ⊕ Section Corners
- ▧ Townships\_2
- ▧ County Boundaries1
- Driller Logs
- ⚡ usgs\_gages
- Domestic Well
- Industrial Well
- Irrigation Well
- Multi-Well Sample
- Municipal Well
- ⊗ Observation Well
- ⊗ Observation Well - Destroyed
- ⊗ Observation Well - Plugged
- ⊗ Observation Well - Recorder
- Production Well
- Rural Water Well
- Stock Well
- ⊗ Stock Well - Plugged
- Surface Water Monitoring Site
- Test Hole
- ⊕ Test Well
- Unknown
- Surface Water Monitoring Site
- ▬ Dams
- ⊕ Approved
- ⊕ Denied
- ⊕ Hold
- ⊕ Pending
- ⊕ Withdrawn
- ⊕ Permit Not Required





# APPLICATION FOR AUTHORIZATION TO CONSTRUCT A PROJECT WITHIN ISLANDS AND BEDS OF NAVIGABLE STREAMS AND WATERS

Office of the State Engineer  
900 East Boulevard  
Bismarck, ND 58505-0850

Permit No. \_\_\_\_\_

Project No. 1625



I, the undersigned, do hereby submit the following information to the Office of the State Engineer as an application to construct a project that may impact islands and beds of navigable streams and waters of North Dakota under NDCC Chapter 61-33.

## GENERAL INFORMATION:

This Application must include a map from an actual survey, aerial photo or topographic map and plot map (if a development). The size of the map shall be 8½ by 11 inches. The map shall have a north arrow and approximate scale. Indicate the existing or proposed work on the drawing. Plans and specifications must be submitted if project includes construction work.

- (1) Project will be located in the: \_\_\_\_\_ Water Resource District
- (2) Legal description to the nearest 40 acre tract: \_\_\_\_\_ ¼ \_\_\_\_\_ ¼ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_
- (3) Is this application for modification of an existing project  Yes  No If so, what year was project constructed: \_\_\_\_\_  
By whom: \_\_\_\_\_
- (4) Proposed project involves  water crossing, type \_\_\_\_\_  boat dock,  boat ramp,  water intake,  
 dredge, volume \_\_\_\_\_ cu. yds.  filling, volume \_\_\_\_\_ cu. yds. , type \_\_\_\_\_,  
 other (explain) \_\_\_\_\_
- (5) Water body on which project will be located: \_\_\_\_\_
- (6) Purpose: \_\_\_\_\_
- (7) Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- (8) Contractor, if known: \_\_\_\_\_
- (9) Anticipated construction start date: \_\_\_\_\_ Completion date: \_\_\_\_\_

The filing of this application and its approval in no way relieves the applicant or riparian landowner from any responsibility or liability resulting from the construction, operation or failure of the project.

Riparian Land Owner or Organization Sponsor: (Print) \_\_\_\_\_

Applicant: (Print) \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phone: (H) \_\_\_\_\_

(W) \_\_\_\_\_

Signature: \_\_\_\_\_ Date Submitted: \_\_\_\_\_

(Riparian landowner or Organization Sponsoring the project)



# North Dakota State Water Commission

900 EAST BOULEVARD AVENUE, DEPT 770 • BISMARCK, NORTH DAKOTA 58505-0850  
701-328-2750 • TDD 701-328-2750 • FAX 701-328-3696 • INTERNET: <http://swc.nd.gov>

May 14, 2015

Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4<sup>th</sup> Street, STE 200  
Bismarck, ND 58501

Dear Ms. Kenninger:

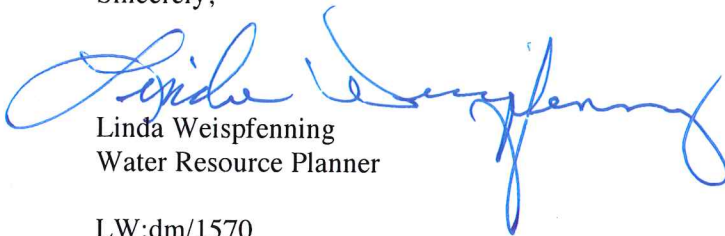
This is in response to your request for review of environmental impacts associated with the NST Express, LLC; NST Express Pipeline project located in McKenzie County, ND. The legal locations are as follows: Section 1-11 and 18, Township (T) 151 North (N), Range (R) 102 West (W); Sections 1-5, 7-23, and 30, T151N, R103W; Section 12-33, T151N, R104W; Section 24, T152N, R102W; Section 18, 19, 30, and 31, T152N, R101W; Sections 13, 14, and 21-36, T152N, R102W; and Sections 25, 35, and 36, T152N, R103W.

The proposed project has been reviewed by State Water Commission staff and the following comments are provided:

- There are no floodplains identified and/or mapped where this proposed project is to take place. The project takes place in an unmapped county. Additionally, preliminary mapping products show the project out of the floodplain (Zone X). No floodplain permit is necessary from Fort Berthold Indian Reservation relative to the National Flood Insurance Program.
- The comments provided in a letter dated 4-17-15 still pertain to the project.

Thank you for the opportunity to provide review comments. If you have any questions, please call me at 701-328-4967.

Sincerely,



Linda Weispfenning  
Water Resource Planner

LW:dm/1570

**From:** [Huibregtse, Jared J.](#)  
**To:** [Kate Kenninger](#)  
**Subject:** Re: Contact Info  
**Date:** Wednesday, May 13, 2015 9:34:08 AM  
**Attachments:** [C6D36320-011A-4297-92C8-64E7E41FD201.png](#)  
[image001.png](#)  
[image005.png](#)

---

Good Morning Kate,

Just completed the Environmental Review for the NST Express Pipeline. No issues on my end, I am sending it forward. Good luck with the rest of the process.

-Jared



Jared Huibregtse  
Assistant State NFIP Coordinator  
ND State Water Commission  
701-328-4898 | [jjhuibregtse@nd.gov](mailto:jjhuibregtse@nd.gov)

---

**From:** Kate Kenninger <[kkenninger@swca.com](mailto:kkenninger@swca.com)>  
**Date:** Monday, May 11, 2015 at 3:50 PM  
**To:** Jared Huibregtse <[jjhuibregtse@nd.gov](mailto:jjhuibregtse@nd.gov)>  
**Subject:** RE: Contact Info

Good afternoon Jared,

A revised letter regarding the NST Express pipeline project was submitted on May 6, 2015. Additionally, I wanted to provide you with the additional map of the Alexander area, per your request, on April 2, 2015. If additional information is needed, please let me know.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982

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 Please consider the environment before printing this email

---

**From:** Kate Kenninger  
**Sent:** Friday, April 10, 2015 1:37 PM  
**To:** 'Huibregtse, Jared J.'  
**Subject:** RE: Contact Info

Good afternoon Jared,

As there have been modifications to the proponent name and project design for the NST Express pipeline project, SWCA will reissue a consultation letter to your agency. At that time we will also provide the additional request for information.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982

  
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 Please consider the environment before printing this email

---

**From:** Huibregtse, Jared J. [<mailto:jjhuibregtse@nd.gov>]  
**Sent:** Thursday, April 02, 2015 2:55 PM  
**To:** Kate Kenninger  
**Subject:** Contact Info

Hi Kate,

My information is listed below. Thanks for the help.

-Jared



Jared Huibregtse  
Assistant State NFIP Coordinator  
ND State Water Commission  
701-328-4898 | [jjhuibregtse@nd.gov](mailto:jjhuibregtse@nd.gov)

**From:** [Hagel, Todd - NRCS, Bismarck, ND](#)  
**To:** [Mike Sobiech](#)  
**Subject:** RE: Proposed Pipeline project (McKenzie County)  
**Date:** Monday, March 23, 2015 11:25:32 AM  
**Attachments:** [image001.jpg](#)

---

Mike. Based on the shapefiles provided, no NRCS easements will be impacted.

---

**From:** Mike Sobiech [mailto:MSobiech@swca.com]  
**Sent:** Monday, March 23, 2015 10:28 AM  
**To:** Hagel, Todd - NRCS, Bismarck, ND  
**Subject:** Proposed Pipeline project (McKenzie County)

Todd,

The attached is a shapefile for a 2.3-mile analysis corridor in NW McKenzie county. Could you please verify if we have any GRP and WRP within this area and if so, where is it located. Also, I forgot to mention on the phone but could you please check and see if there is prime farmland and any farmlands of statewide importance?

I appreciate your help.

Thanks,

**Mike Sobiech**  
GIS Specialist II

**SWCA Environmental Consultants**  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
Tel 701.258.6622 Email: [msobiech@swca.com](mailto:msobiech@swca.com)

SWCA 2c logo centered\_a



**Visit Our Website:** <http://www.swca.com>  
Find us on Facebook: <http://on.fb.me/SWCA-Environmental>  
See us on LinkedIn: <http://www.linkedin.com/company/swca-environmental-consultants>



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www.swca.com

March 27, 2015

U.S. Army Corps of Engineers  
North Dakota Regulatory Office  
1513 South 12<sup>th</sup> Street  
Bismarck, North Dakota 58504

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, U.S.  
Army Corps of Engineers**

Dear Sir or Madam:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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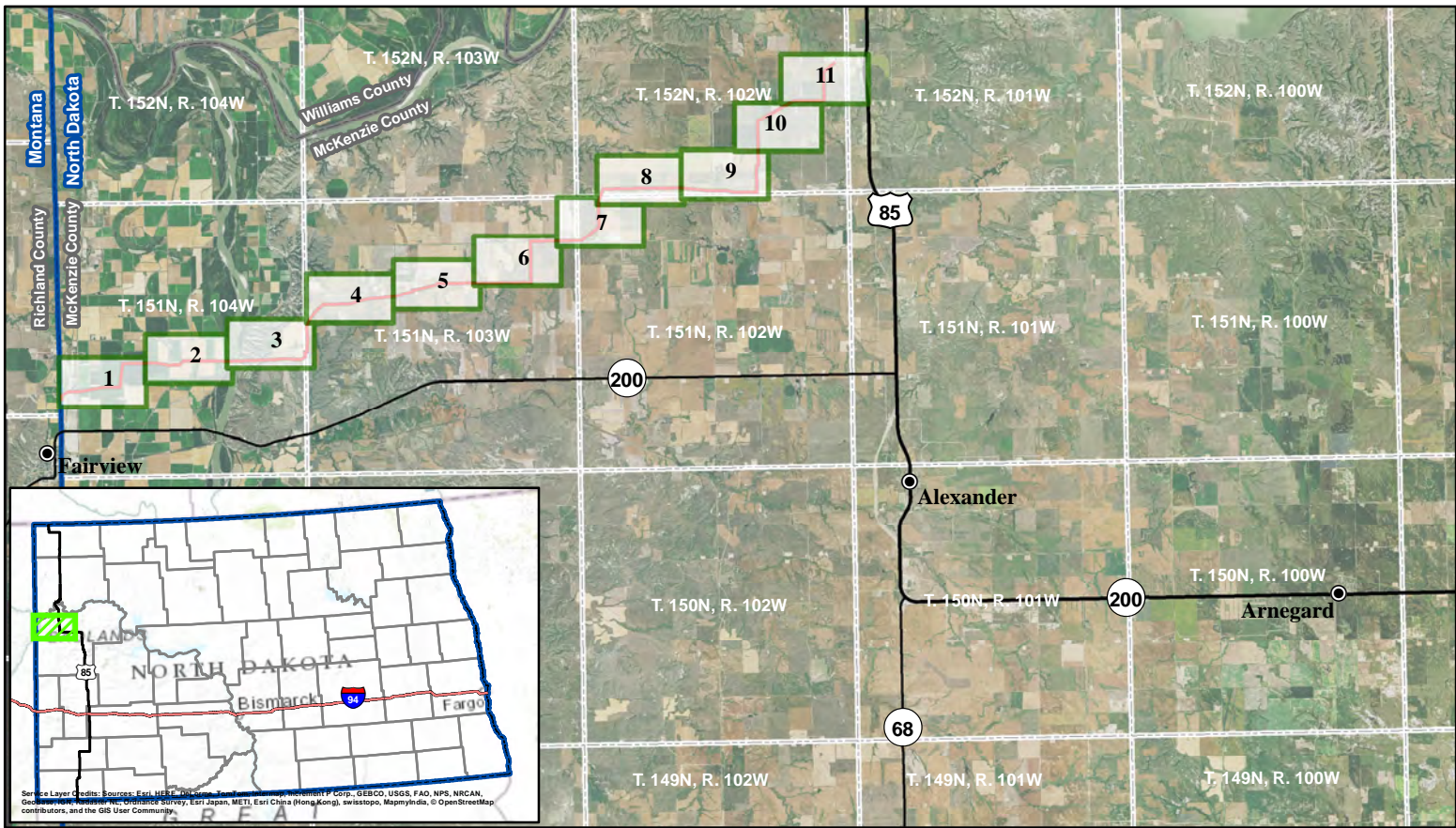
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads 'Kate Kenninger'.

Kate Kenninger

Enclosures: Attachment 1



Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Swire, GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, Swire, GEBCO, Esri, Japan, METI, Esri, China (Hong Kong), swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
- Township/Range Boundary

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Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

U.S. Army Corps of Engineers  
North Dakota Regulatory Office  
1513 South 12th Street  
Bismarck, North Dakota 58504

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, U.S. Army Corps of Engineers; Revisions to letter dated March 27, 2015**

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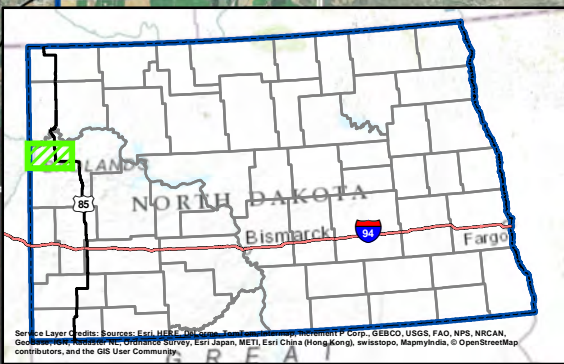
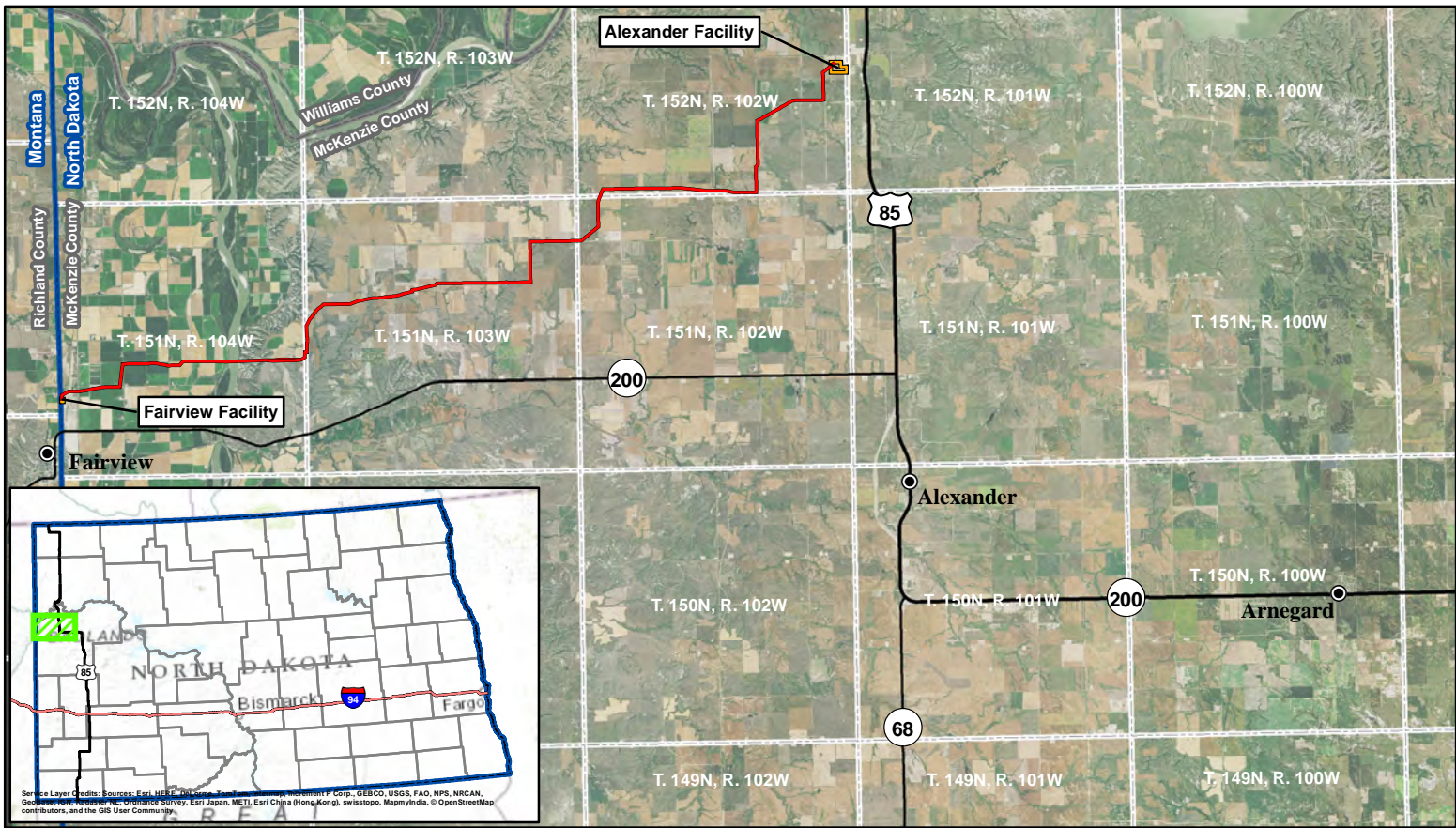
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1



Service Layer Credits: Sources: Esri, HERE, DeLorme, TomTom, Swire, GEBCO, USGS, FAO, NPS, NRCAN, GEBCO, Swire, GEBCO, Esri, Japan, METI, Esri China (Hong Kong), swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

### NST Express Pipeline

	City		Facility Location
	Proposed Pipeline		State Boundary
	U.S. Highway		County Boundary
	State Highway		Township/Range Boundary

**SWCA**  
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0 5 10  
 Kilometers

0 5 10  
 Miles

Base Map: 2014 Aerial Imagery  
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 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota

Projection: NAD 1983 UTM Zone 13N

**From:** [Renschler, Jason J NWO](#)  
**To:** [Kate Kenninger](#)  
**Subject:** RE: Corps. (UNCLASSIFIED)  
**Date:** Wednesday, March 25, 2015 10:08:36 AM

---

Classification: UNCLASSIFIED  
Caveats: NONE

Hi Kate - inclusion of a cultural resource report of the impact area(s) with your Section 10 application would be great. At this time, I can't think of any additional documents. Thanks, Jason.

-----Original Message-----

From: Kate Kenninger [<mailto:kkenninger@swca.com>]  
Sent: Tuesday, March 24, 2015 4:34 PM  
To: Renschler, Jason J NWO  
Subject: [EXTERNAL] RE: Corps. (UNCLASSIFIED)

Good afternoon Jason,

We had discussed a proposed project a couple months back that included a proposed bore of the Yellowstone River. In discussions with colleagues, I was told that a cultural resources (Class I and Class III report) and natural resources report would be needed at proposed bore locations for the USACE to review. I wanted to confirm any additional documents that would be necessary with the Section 10 permit application. I know we had discussed the geotechnical specifications. Any information you are able to provide would be appreciated.

Thank you for your time,

Kate Kenninger  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982

-----Original Message-----

From: Renschler, Jason J NWO [<mailto:Jason.J.Renschler@usace.army.mil>]  
Sent: Wednesday, December 31, 2014 12:47 PM  
To: Kate Kenninger  
Subject: Corps. (UNCLASSIFIED)

Classification: UNCLASSIFIED  
Caveats: NONE

Hi Kate - per conversation, attached is a copy of the bore information for a pipeline crossing of the Yellowstone River. Please call or email me if you have any additional questions. Thanks, Jason.

Classification: UNCLASSIFIED

Caveats: NONE

Classification: UNCLASSIFIED

Caveats: NONE



DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, OMAHA DISTRICT  
NORTH DAKOTA REGULATORY OFFICE  
1513 SOUTH 12TH STREET  
BISMARCK ND 58504-6640

March 30, 2015

North Dakota Regulatory Office

SWCA

Attn: Kate Kenninger  
116 North 4<sup>th</sup> Street, Suite 200  
Bismarck, North Dakota 58501

Dear Ms. Kenninger:

This is in response to your letter dated March 27, 2015, requesting US Army Corps of Engineers (Corps) comments in conjunction NorthStar Midstream's 23.5-mile-long NST Express Pipeline located in McKenzie county.

Please be advised, Corps regulatory offices administer Section 10 of the Rivers and Harbors Act (Section 10) and Section 404 of the Clean Water Act (Section 404). Section 10 regulates work impacting navigable waters and does not apply based on your information. Section 404 of the Clean Water Act regulates the discharge of dredged or fill material (temporarily or permanently) in waters of the United States. Waters of the United States may include, but are not limited to, rivers, streams, ditches, coulees, lakes, ponds, and their adjacent wetlands. Fill material includes, but is not limited to, rock, sand, soil, clay, plastics, construction debris, wood chips, overburden from mines or other excavation activities and materials used to create any structure or infrastructure in waters of the United States.

Based on the information you submitted, it is likely a Section 404 permit would be required. For your convenience an application is enclosed; please complete and forward it to the letterhead address. Be sure to fully describe construction methodology.

Do not hesitate to contact this office by letter or telephone (701) 255-0015, if we can be of further assistance.

Sincerely,

Daniel E. Cimarosti  
Regulatory Program Manager  
North Dakota

Enclosure

**Instructions for Preparing a  
Department of the Army Permit Application**

**Blocks 1 through 4.** To be completed by Corps of Engineers.

**Block 5. Applicant's Name.** Enter the name and the E-mail address of the responsible party or parties. If the responsible party is an agency, company, corporation, or other organization, indicate the name of the organization and responsible officer and title. If more than one party is associated with the application, please attach a sheet with the necessary information marked Block 5.

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The written descriptions and illustrations are an important part of the application. Please describe, in detail, what you wish to do. If more space is needed, attach an extra sheet of paper marked Block 18.

**Block 19. Proposed Project Purpose.** Describe the purpose and need for the proposed project. What will it be used for and why? Also include a brief description of any related activities to be developed as the result of the proposed project. Give the approximate dates you plan to both begin and complete all work.

**Block 20. Reasons for Discharge.** If the activity involves the discharge of dredged and/or fill material into a wetland or other waterbody, including the temporary placement of material, explain the specific purpose of the placement of the material (such as erosion control).

**Block 21. Types of Material Being Discharged and the Amount of Each Type in Cubic Yards.** Describe the material to be discharged and amount of each material to be discharged within Corps jurisdiction. Please be sure this description will agree with your illustrations. Discharge material includes: rock, sand, clay, concrete, etc.

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**Block 27. Signature of Applicant or Agent.** The application must be signed by the owner or other authorized party (agent). This signature shall be an affirmation that the party applying for the permit possesses the requisite property rights to undertake the activity applied for (including compliance with special conditions, mitigation, etc.).

## DRAWINGS AND ILLUSTRATIONS

### General Information.

Three types of illustrations are needed to properly depict the work to be undertaken. These illustrations or drawings are identified as a Vicinity Map, a Plan View or a Typical Cross-Section Map. Identify each illustration with a figure or attachment number.

Please submit one original, or good quality copy, of all drawings on 8½ x11 inch plain white paper (electronic media may be substituted). Use the fewest number of sheets necessary for your drawings or illustrations.

Each illustration should identify the project, the applicant, and the type of illustration (vicinity map, plan view, or cross-section). **While illustrations need not be professional (many small, private project illustrations are prepared by hand), they should be clear, accurate, and contain all necessary information.**

**U.S. ARMY CORPS OF ENGINEERS  
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT**  
33 CFR 325. The proponent agency is CECW-CO-R.

*Form Approved -  
OMB No. 0710-0003  
Expires: 31-AUGUST-2013*

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

**PRIVACY ACT STATEMENT**

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

**(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)**

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
--------------------	----------------------	------------------	------------------------------

**(ITEMS BELOW TO BE FILLED BY APPLICANT)**

5. APPLICANT'S NAME First -                      Middle -                      Last - Company - E-mail Address -	8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First -                      Middle -                      Last - Company - E-mail Address -
6. APPLICANT'S ADDRESS: Address- City -                      State -                      Zip -                      Country -	9. AGENT'S ADDRESS: Address- City -                      State -                      Zip -                      Country -
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence                      b. Business                      c. Fax	10. AGENTS PHONE NOS. w/AREA CODE a. Residence                      b. Business                      c. Fax

**STATEMENT OF AUTHORIZATION**

11. I hereby authorize, \_\_\_\_\_ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

\_\_\_\_\_  
SIGNATURE OF APPLICANT                      DATE

**NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY**

12. PROJECT NAME OR TITLE (see instructions)	
13. NAME OF WATERBODY, IF KNOWN (if applicable)	14. PROJECT STREET ADDRESS (if applicable) Address
15. LOCATION OF PROJECT Latitude: °N                      Longitude: °W	City -                      State-                      Zip-
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID                      Municipality Section -                      Township -                      Range -	

17. DIRECTIONS TO THE SITE

18. Nature of Activity (Description of project, include all features)

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

**USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED**

20. Reason(s) for Discharge

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres  
or  
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

24. Is Any Portion of the Work Already Complete?  Yes  No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address-

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

\* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF AGENT

\_\_\_\_\_  
DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
CORPS OF ENGINEERS, OMAHA DISTRICT  
NORTH DAKOTA REGULATORY OFFICE  
1513 SOUTH 12TH STREET  
BISMARCK ND 58504-6640

May 11, 2015

North Dakota Regulatory Office

Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4<sup>th</sup> Street, Suite 200  
Bismarck, North Dakota 58501

Dear Ms. Kenninger:

This is in response to your letter dated May 6, 2015, on behalf of NST Express, LLC, notifying the US Army Corps of Engineers (Corps) of revisions to a project described in a March 27, 2015 letter and offering the opportunity for comment. The project involves construction of a 23.5-mile-long, 12-inch, crude oil pipeline and 42-acre facility. The pipeline would originate at Alexander, North Dakota and terminate near Fairview, Montana. The facility would be constructed in Alexander, North Dakota.

Based on the information contained within your letter, a Department of the Army permit would be required for portions of the proposals. In order for us to fully evaluate the proposals, complete and submit the Corps permit application (copy enclosed) to the letterhead address. Be sure to accurately describe all proposed work and construction methodology. A delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, should be identified within the project sites and included with the application. In addition, a scour analysis for a 100-year event will be required for the Yellowstone River crossing to ensure the riverbed and banks are not sufficiently erode to affect the pipeline's integrity.

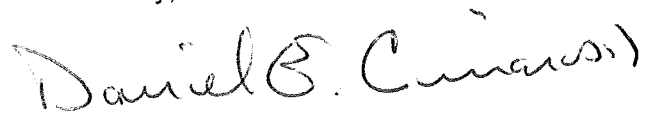
Corps Regulatory Offices administer Section 10 of the Rivers and Harbors Act (Section 10) and Section 404 of the Clean Water Act (Section 404).

Section 10 regulates work impacting navigable waters. This includes work over, through, or under Section 10 waters. Section 10 waters in North Dakota are the Missouri River (including Lake Sakakawea and Lake Oahe), Yellowstone River, James River south of the railroad tracks in Jamestown, North Dakota, Bois de Sioux River, Red River of the North, and the Upper Des Lacs Lake.

Section 404 regulates the discharge of dredge or fill material (temporarily or permanently) in waters of the United States. Waters of the United States may include, but are not limited to, rivers, streams, ditches, coulees, lakes, ponds, and their adjacent wetlands. Fill material includes, but is not limited to, rock, sand, soil, clay, plastics, construction debris, wood chips, overburden from mines or other excavation activities and materials used to create any structure or infrastructure in waters of the United States.

If we can be of further assistance or should you have any questions regarding our program, please do not hesitate to contact this office by letter or phone at (701) 255-0015.

Sincerely,

A handwritten signature in black ink that reads "Daniel E. Cimarosti". The signature is written in a cursive style with a large, prominent initial "D".

Daniel E. Cimarosti  
Regulatory Program Manager  
North Dakota

Enclosure

**Instructions for Preparing a  
Department of the Army Permit Application**

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**U.S. ARMY CORPS OF ENGINEERS  
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT  
33 CFR 325. The proponent agency is CECW-CO-R.**

*Form Approved -  
OMB No. 0710-0003  
Expires: 31-AUGUST-2013*

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**(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)**

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
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**(ITEMS BELOW TO BE FILLED BY APPLICANT)**

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6. APPLICANT'S ADDRESS: Address- City -                      State -                      Zip -                      Country -			9. AGENT'S ADDRESS: Address- City -                      State -                      Zip -                      Country -		
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence                      b. Business                      c. Fax			10. AGENTS PHONE NOS. w/AREA CODE a. Residence                      b. Business                      c. Fax		

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\_\_\_\_\_  
SIGNATURE OF APPLICANT                      DATE

**NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY**

12. PROJECT NAME OR TITLE (see instructions)			
13. NAME OF WATERBODY, IF KNOWN (if applicable)		14. PROJECT STREET ADDRESS (if applicable) Address	
15. LOCATION OF PROJECT Latitude: °N                      Longitude: °W		City -                      State-                      Zip-	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID                      Municipality Section -                      Township -                      Range -			

17. DIRECTIONS TO THE SITE

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Type	Type	Type
Amount in Cubic Yards	Amount in Cubic Yards	Amount in Cubic Yards

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres  
or  
Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

24. Is Any Portion of the Work Already Complete?  Yes  No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address-

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED

\* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

\_\_\_\_\_  
DATE

\_\_\_\_\_  
SIGNATURE OF AGENT

\_\_\_\_\_  
DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



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March 27, 2015

Minot Air Force Base  
91 MMXS Cable Affairs  
Attn: Mr. Cy Munos  
300 Minuteman Drive  
Minot Air Force Base, North Dakota 58705

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, Cable Affairs**

Dear Mr. Munos:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11, 18, Township (T) 151 North (N), Range (R) 102 West (W)
- Sections 1–5, 7–23, 30, T151N, R103W
- Sections 12–33, T151N, R104W
- Sections 18, 19, 30, 31, T152N, R101W
- Sections 13, 14, 21–36, T152N, R102W
- Sections 25, 35, 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is providing notification of the project and requests the Minot Air Force Base - Cable Affairs Office assess the analysis area for the presence of any Intercontinental Ballistic Missile related systems (e.g., launch or launch control facility) that potentially could be impacted from project development. The information received from the Cable Affairs Office will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

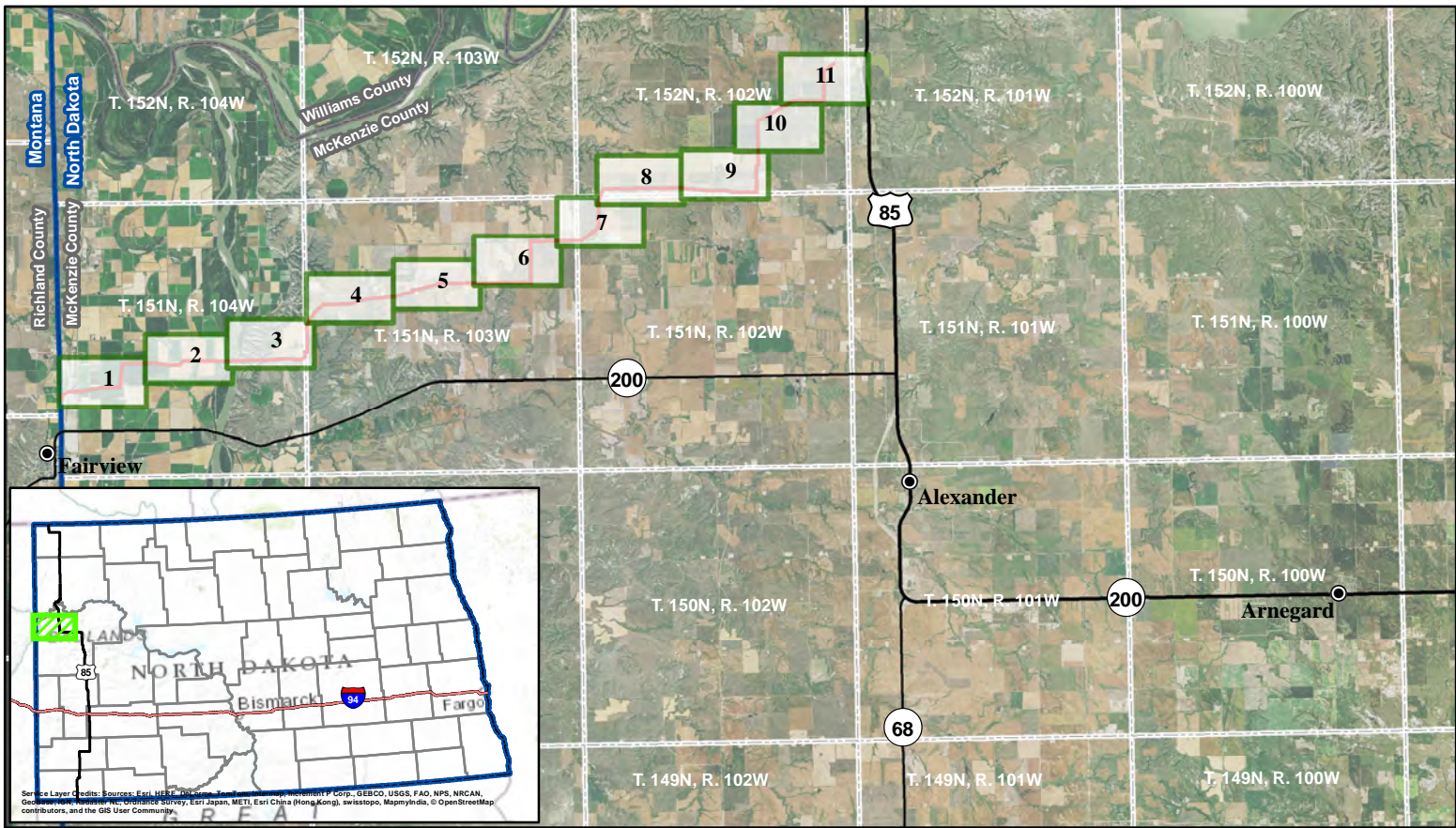
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads "Kate Kenninger".

Kate Kenninger

Enclosures: Attachment 1

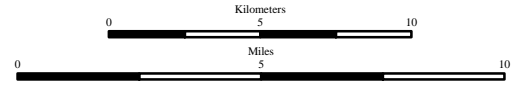


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
- Township/Range Boundary

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Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

Minot Air Force Base  
91 MMXS Cable Affairs  
300 Minuteman Drive  
Minot Air Force Base, North Dakota 58705  
Attention: Mr. Cy Munos

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, Cable Affairs; Revisions to letter dated March 27, 2015**

Dear Mr. Munos:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11 and 18, Township (T) 151 North (N), Range (R) 102 West (W)
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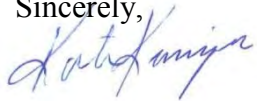
The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the Minot Air Force Base Cable Affairs Office of the proposed project and is requesting that they assess the analysis area for the presence of any Intercontinental Ballistic Missile-related systems (e.g., launch or launch control facility) that could be impacted from project development. The information received from the Cable Affairs Office will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion.

Please send your replies and requests for additional project information to the following:

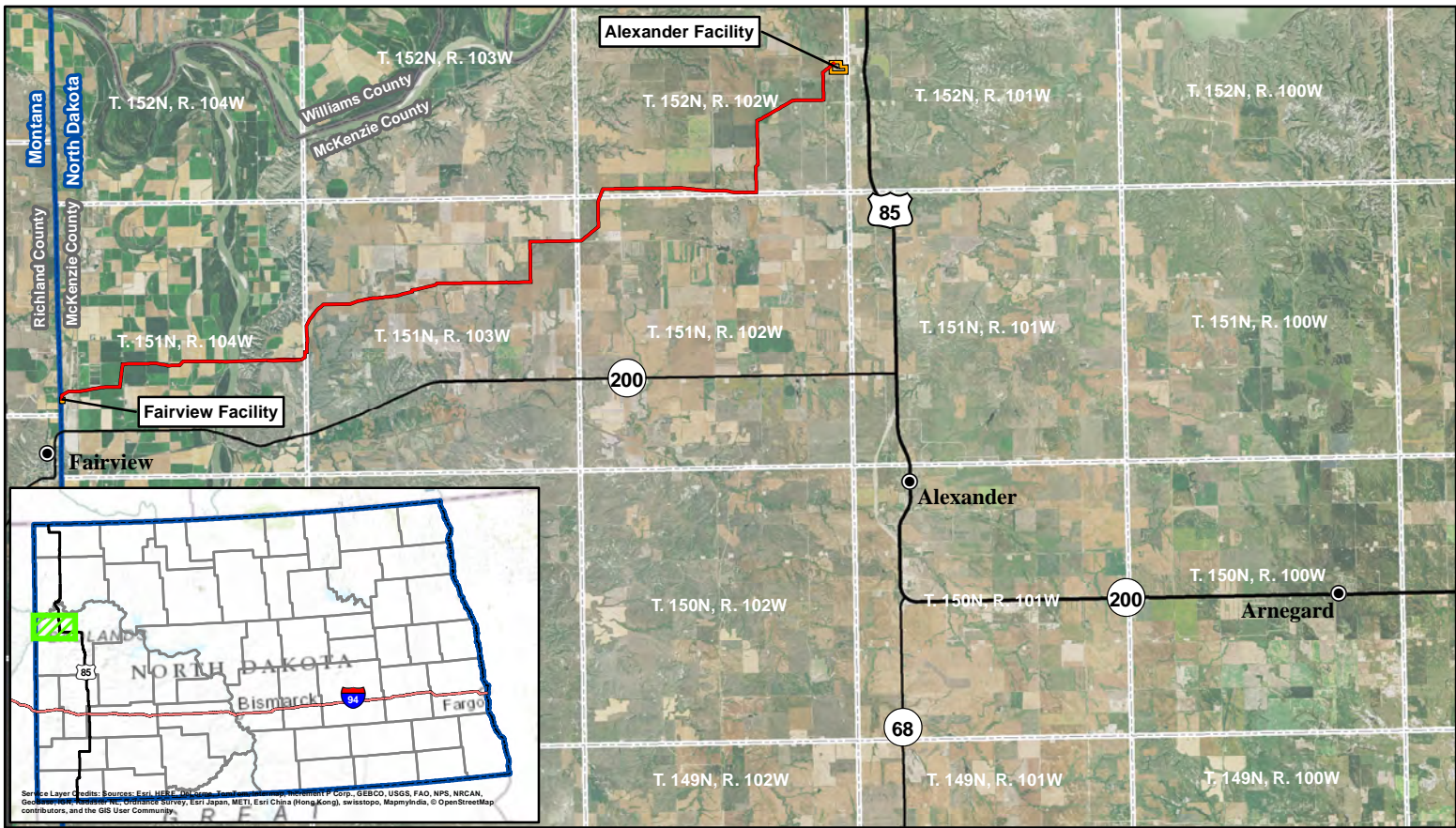
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1

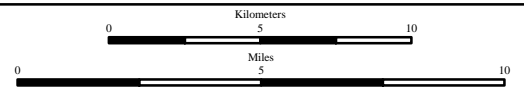


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- Facility Location
- State Boundary
- County Boundary
- Township/Range Boundary

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Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** [MUNOS, CY I GS-11 USAF AFGSC 91 MMXS/MMXSFK](#)  
**To:** [Kate Kenninger](#)  
**Subject:** NST Express Pipeline  
**Date:** Monday, April 06, 2015 3:40:49 PM

---

Kate,

I received your letter concerning the NST Express Pipeline. The Minot AFB has no assets near McKenzie County and will have no impact on your project. Thanks.

Cy Munos  
91 MMXS/Cable Affairs  
Minot AFB, ND  
W. 701-723-6053  
C. 701-720-8274



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March 27, 2015

Kelly McPhillips  
U.S. Department of the Interior, Bureau of Reclamation  
Great Plains Region  
PO Box 1017  
Bismarck, North Dakota 58502

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota, U.S.  
Department of the Interior, Bureau of Reclamation**

Dear Mr. McPhillips:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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- Sections 13, 14, 21–36, T152N, R102W
- Sections 25, 35, 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the U.S. Department of the Interior, Bureau of Reclamation of the proposed project offering the opportunity for comments. The information received from the Bureau of Reclamation will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

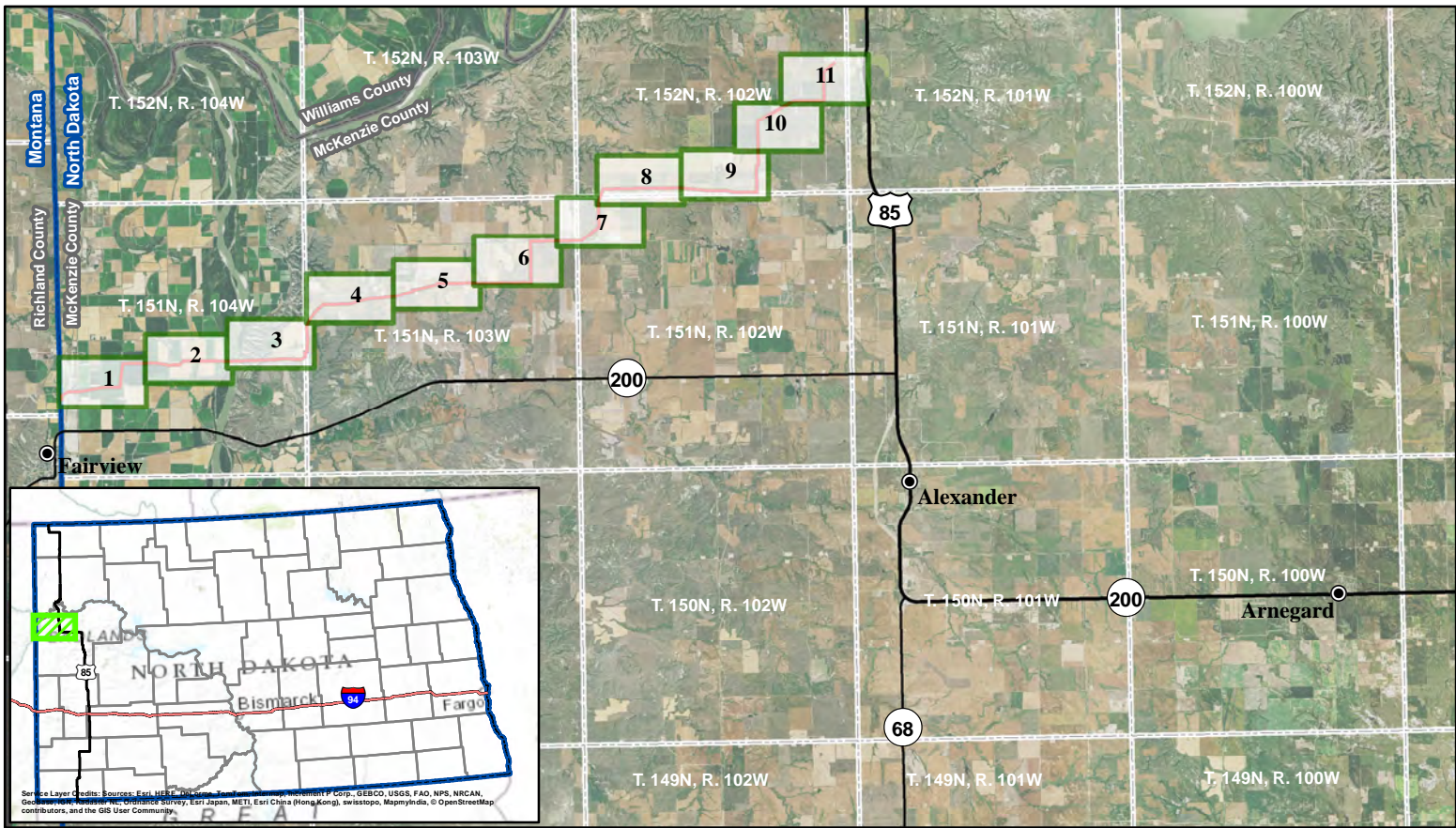
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads 'Kate Kenninger'.

Kate Kenninger

Enclosures: Attachment 1

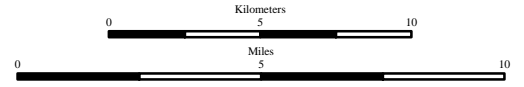


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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
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Base Map: 2014 Aerial Imagery  
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 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

Jeff Baumberger  
U.S. Department of the Interior, Bureau of Reclamation  
Great Plains Region  
PO Box 30137  
Billings, Montana 59107-0137

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, U.S.  
Department of the Interior, Bureau of Reclamation; Revisions to letter dated March  
27, 2015**

Dear Mr. McPhillips:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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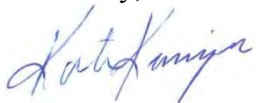
The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the U.S. Department of the Interior, Bureau of Reclamation of the proposed project and is offering them the chance to provide comments. The information received from the Bureau of Reclamation will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion.

Please send your replies and requests for additional project information to the following:

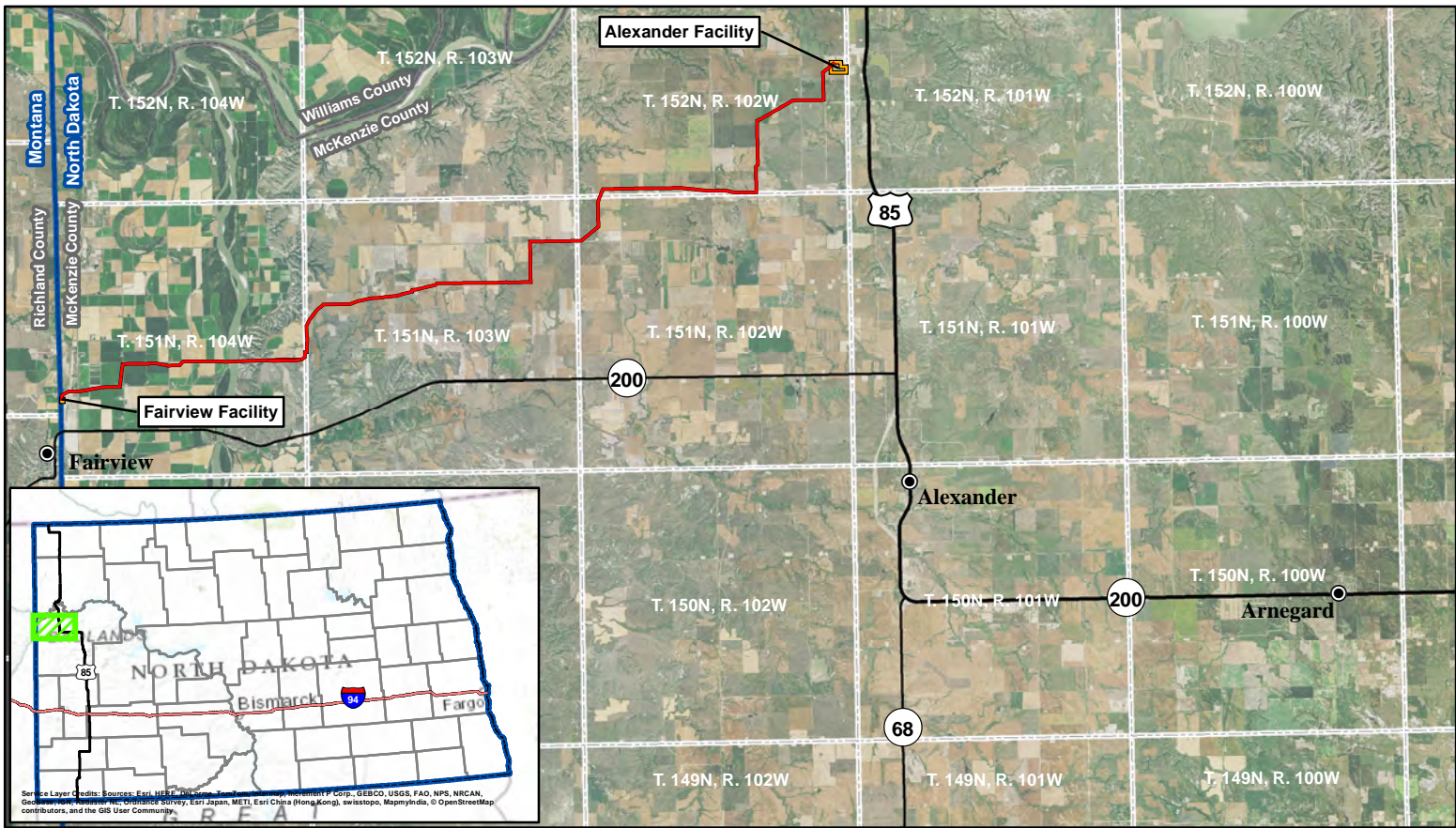
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1

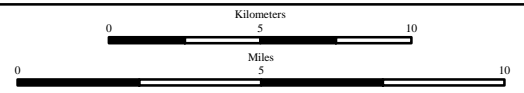


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### NST Express Pipeline

- City
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- U.S. Highway
- State Highway
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- State Boundary
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 Phone: 701.258.6622  
 Fax: 701.258.5957  
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Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** Kate Kenninger  
**To:** ["Baumberger, Jeffrey"](#)  
**Cc:** [Steve Davies](#)  
**Subject:** RE: NorthStar Midstream - NST Express Pipeline  
**Date:** Friday, April 10, 2015 1:40:00 PM  
**Attachments:** [image001.png](#)  
[image002.jpg](#)  
[image003.jpg](#)  
[image004.gif](#)  
[image005.jpg](#)

---

Good afternoon Jeff,

As there have been modifications to the proponent name and project design for the NST Express pipeline project, SWCA will reissue a consultation letter to your agency. At that time we will also provide the additional request for information.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982



Visit Our Website: <http://www.swca.com>



**From:** Baumberger, Jeffrey [mailto:jbaumberger@usbr.gov]  
**Sent:** Wednesday, April 01, 2015 11:41 AM  
**To:** Kate Kenninger  
**Cc:** Steve Davies  
**Subject:** Re: NorthStar Midstream - NST Express Pipeline

In your letter to Kelly, SWCA states that the proposed pipeline is a 12 in diameter crude line. All good. However, in order for Reclamation to fully evaluate the proposed action, we need specifics. For example, it's assumed the pipeline will be buried, but how deep? What method of installation will be used? Is there a casing or carrier pipe associated with this? How will irrigation facility crossings be dealt with? Open trench or boring? Etc. Basically, all the specifics of the project.

If this project is not that far advanced, then Reclamation's comment at this point in time would be: "This proposed pipeline project appears to cross Reclamation irrigation facilities located in T151N R104W. Any irrigation facility crossings by the proposed pipeline will need to

follow Reclamation's crossing guidelines and will need prior approval by Reclamation."

Regards.  
-Jeff

On Wed, Apr 1, 2015 at 9:28 AM, Kate Kenninger <[kkenninger@swca.com](mailto:kkenninger@swca.com)> wrote:  
Good morning Jeff, Kelly,

Thank you for the information.

Jeff, in addition to the maps, can you please list what other information and data is needed for your review?

Thanks again,  
Kate

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982



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**From:** Baumberger, Jeffrey [mailto:[jbaumberger@usbr.gov](mailto:jbaumberger@usbr.gov)]  
**Sent:** Wednesday, April 01, 2015 9:21 AM  
**To:** McPhillips, Kelly  
**Cc:** Kate Kenninger; Steven Davies  
**Subject:** Re: NorthStar Midstream - NST Express Pipeline

Kelly - Thanks for the heads up.

Ms. Kenninger - As Kelly stated, the Lower Yellowstone Irrigation Project (LYIP) is under the jurisdiction of Reclamation's Montana Area Office. Please submit all pertinent information to me and we'll get working on it. In looking at the map provided to Kelly, it appears that the proposed pipeline may cross LYIP irrigation facilities only located in T151N R104W or Sheets 1, 2 and 3. If I am reading that correctly, then I'm fine with you submitting only those sheets and not the full package. Please provide as much detailed information as possible so we can accurately assess the affects.

Thanks,

Jeff Baumberger  
Bureau of Reclamation  
PO Box 30137  
Billings, MT 59107-0137

(406) 247-7314  
[jbaumberger@usbr.gov](mailto:jbaumberger@usbr.gov)

On Tue, Mar 31, 2015 at 4:02 PM, McPhillips, Kelly <[kmcphillips@usbr.gov](mailto:kmcphillips@usbr.gov)> wrote:  
Kate,

Thank you for the opportunity to review your proposed action in western North Dakota, the NST Express Pipeline, terminating in Fairview, MT. This project, although it is mostly in North Dakota appears to only have potential to effect the Lower Yellowstone Irrigation District (LYID)lands. Although it is a Reclamation project, Dakota Areas Office (DKAO) is not involved in the management of the Lower Yellowstone Irrigation District. LYID's relationship with Reclamation is through the Montana Area Office in Billings.

I am providing you with the names and emails of the two individuals you should start with in the MTAO office that you will find very capable and helpful. They are Steven Davies, Chief of Facilities Operation and Jeffrey Baumberger, Chief of Resources and Environment. Their emails are included in the cc line. You may actually hear from them before you can contact them as I have already forwarded a pdf copy of you solicitation letter of March 27.

Again, thanks for the opportunity to review your project. Should your project change substantially, feel free to notify DKAO or my office with your revised proposal as well as the MTAO.

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)**



"Ideas have consequences." - Dr. David Noebel



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116 North 4th Street, Suite 200  
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www.swca.com

May 7, 2015

Mr. Kevin Shelley,  
N. Dakota State Supervisor  
U.S. Fish and Wildlife Service  
3425 Miriam Avenue  
Bismarck, North Dakota 58501

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota, Federally Listed Species, Bald and Golden Eagle, and Migratory Bird, Assessment of Potential for Take, and USFWS-Managed Lands**

Dear Mr. Shelley,

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

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- Section 24, T152N, R102W
- Sections 18, 19, 30, and 31, T152N, R101W
- Sections 13, 14, and 21–36, T152N, R102W
- Sections 25, 35, and 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA would like to compile U.S. Fish and Wildlife Service (USFWS) comments on environmental impacts that are relevant to the North Dakota Public Service Commission siting requirements for transmission pipelines. The information received from the USFWS will be used in a North Dakota Public Service Commission application for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion. There is no federal nexus to the project; therefore, consultation with the USFWS for federally-listed threatened and endangered species is not required. SWCA's analysis focused on the potential for impacts to USFWS trust resources, including federally-listed species, bald and golden eagles, migratory birds, and units of the national wildlife refuge system.

### **Federally Listed Species**

In McKenzie County, North Dakota, nine species are listed under the Endangered Species Act (ESA): black-footed ferret (*Mustela nigripes*)(E), gray wolf (*Canis lupus*)(E), whooping crane (*Grus americana*)(E), piping plover (*Charadrius melodus*)(T) and its designated critical habitat, interior least tern (*Sterna antillarum*)(E), pallid sturgeon (*Scaphirhynchus albus*)(E), Dakota skipper (*Hesperia dacotae*)(T), rufa red knot (*Calidris canutus*)(T) and the northern long-eared bat (*Myotis septentrionalis*)(T).

Currently, the Sprague's pipit (*Anthus spragueii*) is a federal candidate species.

SWCA completed surveys in the project area for these species on January 30; March 15, 17, and 20; and May 1, 2015.

#### **Black-Footed Ferret**

Black-footed ferrets are nocturnal, solitary carnivores of the weasel family. They have been largely extirpated from the wild primarily because of the rangewide decimation of the prairie dog (*Cynomys* sp.) ecosystem (Kotliar et al. 1999). They have been listed by the USFWS as endangered since 1967, and have been the object of extensive re-introduction programs. Ferrets inhabit extensive prairie dog complexes of the Great Plains. These complexes typically comprise several smaller colonies close to one another that provide a sustainable prey base. The *Black-footed Ferret Survey Guidelines for Compliance with the Endangered Species Act* (USFWS 1989) states that ferrets require black-tailed prairie dog (*Cynomys ludovicianus*) towns or complexes greater than 80 acres, and towns of this dimension may be important for ferret recovery efforts (USFWS 1988).

Field surveys conclude that prairie dog complexes of this size are not in the project area. Therefore, the black-footed ferret is not expected to be impacted by the proposed project.

#### **Gray Wolf**

The gray wolf was listed as endangered in the United States in 1978. It was believed to be extirpated from North Dakota in the 1920s and 1930s, with only sporadic reports from the 1930s to present (Licht and Huffman 1996). The presence of wolves in most of North Dakota consists of occasional dispersing animals from Minnesota and Manitoba (Licht and Fritts 1994; Licht and Huffman 1996). Most documented gray wolf sightings in western North Dakota are believed to

be young males seeking to establish territory (Hagen et al. 2005). The Turtle Mountain region of north-central North Dakota provides marginal habitat that may be able to support a very small population of wolves. The closest known pack of wolves is the Minnesota population approximately 17 miles (28 kilometers [km]) from the northeast corner of North Dakota.

Because of a lack of suitable habitat in the project area, as well as the troubled relationship between humans and wolves and their vulnerability to being shot in open habitats (Licht and Huffman 1996), the re-establishment of gray wolf populations in North Dakota is unlikely. Additionally, habitat fragmentation may further act as a barrier against wolf recolonization in western North Dakota. The gray wolf is not expected to be impacted by the proposed project.

### Whooping Crane

The whooping crane was listed by the USFWS as endangered in the United States in 1970. Suitable whooping crane foraging habitat (i.e., cultivated cropland) was observed in the project area. In addition, the project area is within the migratory corridor for the whooping crane, with the nearest sighting being 432 feet from the central portion of the pipeline corridor east of Fairview (USFWS, M. Tacha, unpublished data). Cranes may occasionally pass through the area; however, these individuals or small groups would be expected to visit the area for only a few days before continuing their migration.

NST Express would commit to the following mitigation measures:

- If a whooping crane(s) is sighted within 1 mile of the project area, project construction activities would cease, and the USFWS would be notified. Activities may resume in coordination with the USFWS when the bird(s) has left the 1-mile proposed project area buffer.
- Restore the disturbed areas to original land use.

The whooping crane is not expected to be impacted by the proposed project. If behavioral disturbance does occur due to the project, it is not expected to rise to the level of take.

### Piping Plover

The piping plover is a small shorebird that breeds only in three geographic regions of North America: the Atlantic Coast, the Northern Great Plains, and the Great Lakes. Piping plover populations were federally listed in 1985, with the Northern Great Plains population listed as threatened. The USFWS designated critical habitat for the Great Plains population in 2002. The piping plover has pale plumage, matching its habitats, with black band markings across its upper forehead and upper breast.

Piping plovers are known to breed in the Great Plains and winter on the Atlantic Ocean and Gulf of Mexico coasts from North Carolina to Mexico and in the Bahamas. Plovers in the Great Plains make their nests on open, sparsely vegetated sand or gravel beaches adjacent to alkali wetlands, and on beaches, sand bars, and dredged material islands of major river systems (USFWS 2002, 2012). Designated critical habitat for piping plovers consists of all of the Lake Sakakawea shoreline, and bars where the primary constituent elements occur, as well as certain alkali lakes.

Desktop analysis concluded that critical habitat is not present in the project area. However, plovers likely use the Yellowstone River, which is in the project area. To minimize or reduce potential impacts of the proposed project on the plover, construction would be scheduled to avoid the breeding season. If the breeding season cannot be avoided, follow up surveys would be conducted as necessary to assess presence/absence of breeding birds. Horizontal directional drilling (HDD) would be considered as a low-impact crossing technique to reduce or minimize impacts to breeding birds if present. The piping plover is not expected to be impacted by the proposed project

### Interior Least Tern

Interior least terns were listed as endangered under the ESA in 1985. Least terns are the smallest species of the gull and tern family, approximately 9 inches long, with a forked tail and narrow pointed wings.

Least terns have distinct breeding areas. Their breeding season is from May 1 through August 31, and breeding birds require the presence of dry, exposed sandbars, with favorable river flows. Wintering areas are thought to occur on beaches along the Central American coast and along the northern coast of South America from Venezuela to northeastern Brazil. In North Dakota, the least tern is found mainly on the Missouri River from Garrison Dam south to Lake Oahe, and on the Missouri and Yellowstone Rivers upstream of Lake Sakakawea (USFWS 1990a, 2013a). Approximately 100 pairs breed in North Dakota (USFWS 2013a).

Lake Sakakawea is approximately 6.0 miles from the edge of the project area. However, terns likely use the Yellowstone River, which is in the project area. To minimize or reduce potential impacts of the proposed project on the Interior least tern, construction would be scheduled to avoid the breeding season. If the breeding season cannot be avoided, follow up surveys would be conducted as necessary to assess presence/absence of breeding birds. HDD would be considered as a low-impact crossing technique to reduce or minimize impacts to breeding birds if present. The interior least tern is not expected to be impacted by the proposed project.

### Pallid Sturgeon

The pallid sturgeon was listed as endangered under the ESA in 1990. The pallid sturgeon has a flattened snout, long and slender tail, and five lengthwise rows of bony plates down the side of the body. The fish can weigh up to 80 pounds and reach lengths of 6 feet.

The primary causes of pallid sturgeon decline include habitat loss, habitat modification from dam construction, river channelization, commercial fishing, environmental contaminants, and hybridization with the shovelnose sturgeon (*Scaphirhynchus platorynchus*). The fundamental elements of pallid sturgeon habitat are defined as the bottom of swift waters of large, turbid, free-flowing rivers with braided channels; dynamic flow patterns; flooding of terrestrial habitats; and extensive microhabitat diversity (USFWS 1990b). The pallid sturgeon population, which is found near the project area, occurs from the Missouri River below Fort Peck Dam to the headwaters of Lake Sakakawea and from the lower Yellowstone River up the confluence of the Tongue River, Montana (USFWS 2007).

Desktop analysis concluded that suitable habitat may be present in the project area. To minimize or reduce potential impacts of the proposed project on the pallid sturgeon, construction would be scheduled to avoid the spawning season. Potential pollution from construction activities, hydrostatic testing, and pipeline operations is a concern for downstream populations of the pallid sturgeon. Activities associated with the proposed project are not anticipated to adversely affect water quality and subsequently the pallid sturgeon. HDD would be considered as a low and/or no impact alternative to traditional wet trench or open-cut methods to cross the Yellowstone River. A U.S. Army Corps of Engineers Section 10 permit is being completed for the bore of the Yellowstone River. The pallid sturgeon is not expected to be impacted by the proposed project.

### Dakota Skipper

The Dakota skipper is a small butterfly with a 1-inch wingspan. It is found primarily in undisturbed, native tall grass and upland dry Northern mixed grass prairie areas with a high diversity of wildflowers and grasses (Committee on the Status of Endangered Wildlife in Canada 2003). The Dakota skipper was found to warrant protection under the ESA, was precluded for higher-priority species in 1995, was the subject of a proposed rule for listing as threatened under the ESA, and was the subject of an additional proposed rule for designation of critical habitat in October 2013 (78 *Federal Register* 63625; 78 *Federal Register* 63573). On October 24, 2014, the USFWS determined a threatened species status for the Dakota skipper, and the final rule became effective on November 24, 2014 (79 *Federal Register* 63672). Type A habitat for the skipper is low wet-mesic prairie, with little topographic relief occurring at nearshore glacial lake deposits (Royer and Marrone 1992). Three plant species dominate Type A habitat: wood lily (*Lilium philadelphicum*), bluebell bellflower (*Campanula rotundifolia*), and mountain deathcamas (*Zigadenus elegans*) (McCabe 1981). Type B habitat of the skipper occurs on rolling terrain over gravelly, glacial moraine deposits and is dominated by big bluestem (*Andropogon gerardi*), little bluestem (*Schizachyrium scoparium*), and needlegrasses (*Stipa* spp.), and may include bluebell bellflower and wood lily. Additionally, Type B habitat supports extensive stands of purple coneflower (*Echinacea angustifolia*), upright prairie coneflower (*Ratibida columnifera*), and common gaillardia (*Gaillardia artistata*) (Royer and Marrone 1992). Dakota skippers are not known to occur in the project area. Additionally, field surveys concluded that cultivated, non-native grass prairie is dominant in the project area, and therefore not suitable as Dakota skipper habitat. The nearest proposed critical habitat (Unit 12) is located 32.6 miles east-northeast from the proposed project. The Dakota skipper is not expected to be impacted by the proposed project.

### Rufa Red Knot

The rufa red knot is a medium-sized shorebird approximately 9–11 tall. Its breeding plumage consists of red around the face and a prominent stripe above the eye, breast, and upper belly, and its non-breeding plumage is a dusky gray and white. The USFWS published a proposal to list the rufa red knot as threatened under the ESA in the *Federal Register* in September 2013 (78 *Federal Register* 60023). On December 11, 2014, the USFWS determined a threatened species status for the rufa red knot, and the final rule became effective on January 12, 2015 (79 *Federal Register* 73705).

The rufa red knot breeds in the Canadian Arctic and migrates 19,000 miles to winter on the U.S. Gulf Coast and in South America. The species generally occurs along the ocean coasts during migration, but a small number have been reported across the interior United States (eBird.org 2014). Suitable habitat along Lake Sakakawea is approximately 6.0 miles from the edge of the project area, and it is possible the rufa red knot may use the Yellowstone River. However, the likelihood of the rufa red knot occurring in the project area is low. The rufa red knot is not expected to be impacted by the proposed project.

### Northern Long-Eared Bat

On April 1, 2015, the USFWS determined a threatened species status for the northern long-eared bat, and the listing became effective on May 4, 2015 (80 *Federal Register* 2371). This medium-sized bat ranges across the eastern and north-central United States and all of the Canadian provinces. Throughout most of this species' range, populations are patchily distributed. They emerge at dusk to fly through the understory of forested hillsides and ridges, feeding on moths, flies, leafhoppers, caddisflies, and beetles. Most records of northern long-eared bats are from winter hibernacula surveys, with more than 780 hibernacula identified within the United States.

Northern long-eared bats are not known to occur in the project area, and no known hibernacula are in North Dakota because there are either no suitable hibernacula present or because the area has not been surveyed for them (USFWS 2013b). Suitable winter habitat for northern long-eared bats does not occur in the project area. Nearby trees and rocky outcrops can act as suitable summer day roosts. The northern long-eared bat is not expected to be impacted by the proposed project.

### Sprague's Pipit

The Sprague's pipit is a small passerine that is 10–15 centimeters long and is endemic to the Northern Great Plains. The Sprague's pipit requires large tracts of native unplowed prairie habitat throughout its life cycle. Because native grasslands are disturbance-dependent, Sprague's pipit prefers grassland habitats that are regularly disturbed. The frequency of disturbance required for habitat maintenance depends on how quickly grasses grow to an intermediate height (4–12 inches) following a disturbance event. In North Dakota, Sprague's pipit breeds throughout the state except for the easternmost counties. Habitat requirements include un-fragmented, non-cultivated grasslands of intermediate height (4–12 inches) with a minimum patch size of 72 acres, with larger patches of at least 358 acres preferred. Field surveys concluded that cultivated, non-native grass prairie was dominant in the proposed project area. Sprague's pipit is not expected to be impacted by the proposed project.

### Bald and Golden Eagle

The bald eagle feeds on fish and carrion and typically roosts in large trees near a water source. Bald eagle nesting habitat is typically any mature stands of conifer (Pinophyta species) or cottonwood (*Populus* sp.) trees in association with rivers, streams, reservoirs, lakes, or any significant body of water. Bald eagles in North Dakota are usually observed along the Missouri River (Gomes n.d.) and Yellowstone River. Bald eagles frequently migrate through the grassland habitats. One bald eagle was observed during the field surveys; however, no nests were observed

during the field surveys. The nearest known eagle nest is approximately 3 miles northwest to the closest portion of the proposed project (NDGF 2015).

The golden eagle prefers habitat characterized by open prairie, plains, and forested areas. Usually, golden eagles can be found close to badland cliffs, which provide suitable nesting habitat. Golden eagles may occur in or near the project area; however, no golden eagles or nests were observed during the field surveys.

### Migratory Birds

The Migratory Bird Treaty Act of 1918 (16 United States Code 703–711) protects migratory birds and their active nests (nests containing eggs or young) from take. Suitable habitat for migratory birds exists in the entire project area. Specifically, grassland nesting birds have the potential to occur and nest in the project area, especially during the migratory bird breeding season between February 1 and July 15. Suitable woodland nesting habitat occurs in the project area, but it is minimal. To minimize or reduce potential impacts of the proposed project on migratory birds, construction would be scheduled to avoid the breeding season. If the breeding season cannot be avoided, follow up surveys would be conducted no more than five days prior to the start of construction to assess presence/absence of breeding birds. If any active nests of migratory birds are discovered, construction would halt and the FWS would be contacted for further direction.

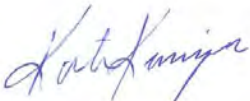
### USFWS-Managed Lands

Available data indicate that no USFWS-managed lands are in the analysis area, including Waterfowl Production Areas and wetland and grassland easements. SWCA is requesting confirmation on the presence or absence of USFWS-managed lands in the analysis area.

Please send your replies and requests for additional project information to the following:

Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
[kkenninger@swca.com](mailto:kkenninger@swca.com)

Sincerely,



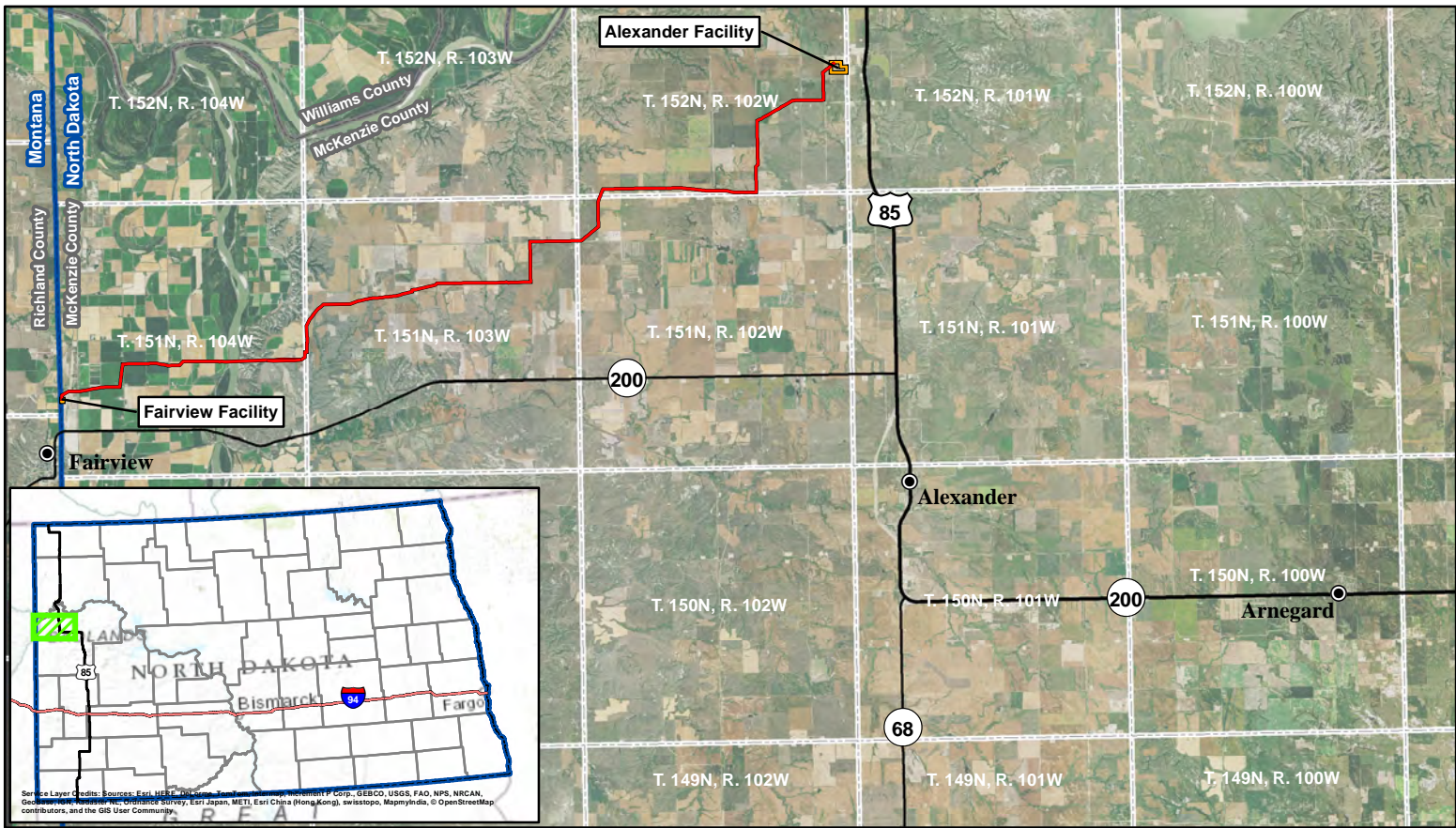
Kate Kenninger  
Natural Resource Specialist  
[kkenninger@swca.com](mailto:kkenninger@swca.com)

Enclosures: Attachment 1

## Literature Cited

- Committee on the Status of Endangered Wildlife in Canada. 2003. COSEWIC *Assessment and Status Report on the Dakota Skipper* *Hesperia dacotae in Canada*. Ottawa: Committee on the Status of Endangered Wildlife in Canada. Available at: [http://www.registrelep-sararegistry.gc.ca/virtual\\_sara/files/cosewic/sr\\_dakota\\_skipper\\_e.pdf](http://www.registrelep-sararegistry.gc.ca/virtual_sara/files/cosewic/sr_dakota_skipper_e.pdf).
- eBird.org. 2014. Range and point maps. Search date January 29, 2014. Available at: <http://ebird.org/ebird/map/>. Accessed October 22, 2014.
- Hagen, S.K., P.T. Isakson, and S.R. Dyke. 2005. *North Dakota Comprehensive Wildlife Conservation Strategy*. North Dakota Game and Fish Department. Bismarck, North Dakota.
- Kotliar, N.B., B.W. Baker, A.D. Whicker, and G. Plumb. 1999. A critical review of assumptions about the prairie dog as a keystone species. *Environmental Management* 24(2):177–192.
- Licht, D.S., and L.E. Huffman. 1996. Gray wolf status in North Dakota. *The Prairie Naturalist* 28(4):169–174.
- Licht, D.S., and S.H. Fritts. 1994. Gray wolf (*Canis lupus*) occurrences in the Dakotas. *American Midland Naturalist* 132:74–81.
- McCabe, T.L. 1981. The Dakota skipper (*Hesperia dacotae*) (Skinner): Range and biology, with special reference to North Dakota. *Journal of the Lepidopterists' Society* 35(3):179–193.
- North Dakota Game and Fish Department (NDGF). 2015. North Dakota bald eagle nest sites 2014 data. Received from S. Johnson (NDGF) February 19, 2015.
- Royer, R., and G. Marrone. 1992. *Conservation Status of the Dakota Skipper (Hesperia dacotae) in North Dakota and South Dakota*. U.S. Fish and Wildlife Services, Denver, Colorado. As cited in 78 *Federal Register* 63573.
- U.S. Fish and Wildlife Service (USFWS). 1988. *Black-footed Ferret Recovery Plan*. U.S. Fish and Wildlife Service. Denver, Colorado. 154 pp.
- . 1990a. *Interior Population of the Least Tern Recovery Plan*. U.S. Fish and Wildlife Service, Twin Cities, Minnesota. 160 pp.
- . 1990b. Endangered and threatened wildlife and plants; Determination of endangered status for the pallid sturgeon. *Federal Register* 55(173):36641–36647.
- . 2002. Designation of Critical Habitat for the Northern Great Plains Breeding Population of the Piping Plover; Final Rule. *Federal Register*. September 11, 2002 (Volume 67, Number 176), Rules and Regulations, pp. 57637–57717.

- . 2007. *Pallid Sturgeon (Scaphirhynchus albus) 5-year Review Summary and Evaluation*. U.S. Fish and Wildlife Service, Pallid Sturgeon Recovery Coordinator. Billings, Montana.
- . 2012. Piping plover. Available at: <http://www.fws.gov/mountain-prairie/species/birds/pipingplover>. Accessed February 20, 2013.
- . 2013a. Least tern (interior population). Available at: [http://www.fws.gov/northdakotafieldoffice/endspecies/species/least\\_tern.htm](http://www.fws.gov/northdakotafieldoffice/endspecies/species/least_tern.htm). Accessed February 20, 2013.
- . 2013b. *Northern Long-eared Bat Fact Sheet*. Midwest Endangered Species. Available at: <http://www.fws.gov/midwest/endangered/mammals/nlba/nlbaFactSheet.html>. Accessed March 11, 2014.



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### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- Facility Location
- State Boundary
- County Boundary
- Township/Range Boundary

**SWCA**  
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 Phone: 701.258.6622  
 Fax: 701.258.5957  
 www.swca.com



Base Map: 2014 Aerial Imagery  
 Source: USDA/FSA - Aerial Photography Field Office  
 T. 151N, R. 104W & T. 151N, R. 103W &  
 T. 151N, R. 102W & T. 152N, R. 102W  
 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** [Gallion, Todd](#)  
**To:** [Mike Sobiech](#)  
**Subject:** Re: USFWS easements  
**Date:** Thursday, March 26, 2015 9:08:52 AM

---

Hi Mike,

Currently, there are no existing U.S. Fish and Wildlife Service easement or fee-title lands within the sections provided in the attached document, in McKenzie County.

Thanks,

On Mon, Mar 23, 2015 at 10:41 AM, Mike Sobiech <[MSobiech@swca.com](mailto:MSobiech@swca.com)> wrote:

Todd,

Could you please verify if there are any USFWS wetland and grassland easements within the sections provided in the attached document? The proposed project is located in NW McKenzie county.

Thanks,

**Mike Sobiech**

GIS Specialist II

***SWCA Environmental Consultants***

116 North 4th Street, Suite 200

Bismarck, North Dakota 58501

Tel 701.258.6622 Email: [msobiech@swca.com](mailto:msobiech@swca.com)

SWCA 2c logo centered\_a



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--

Todd Gallion  
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March 27, 2015

Nick Chevance, Environmental Planner  
National Park Service  
601 Riverfront Drive  
Omaha, Nebraska 68102

**RE: NorthStar Midstream - NST Express Pipeline, McKenzie County, North Dakota,  
National Park Service**

Dear Mr. Chevance:

NorthStar Midstream (NorthStar) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating in Alexander, North Dakota, and terminating in Fairview, North Dakota (Attachment 1). The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11, 18, Township (T) 151 North (N), Range (R) 102 West (W)
- Sections 1–5, 7–23, 30, T151N, R103W
- Sections 12–33, T151N, R104W
- Sections 18, 19, 30, 31, T152N, R101W
- Sections 13, 14, 21–36, T152N, R102W
- Sections 25, 35, 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the National Park Service of the proposed project and offering the opportunity for comments. The information received from the National Park Service will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project.

Please send your replies and requests for additional project information to:

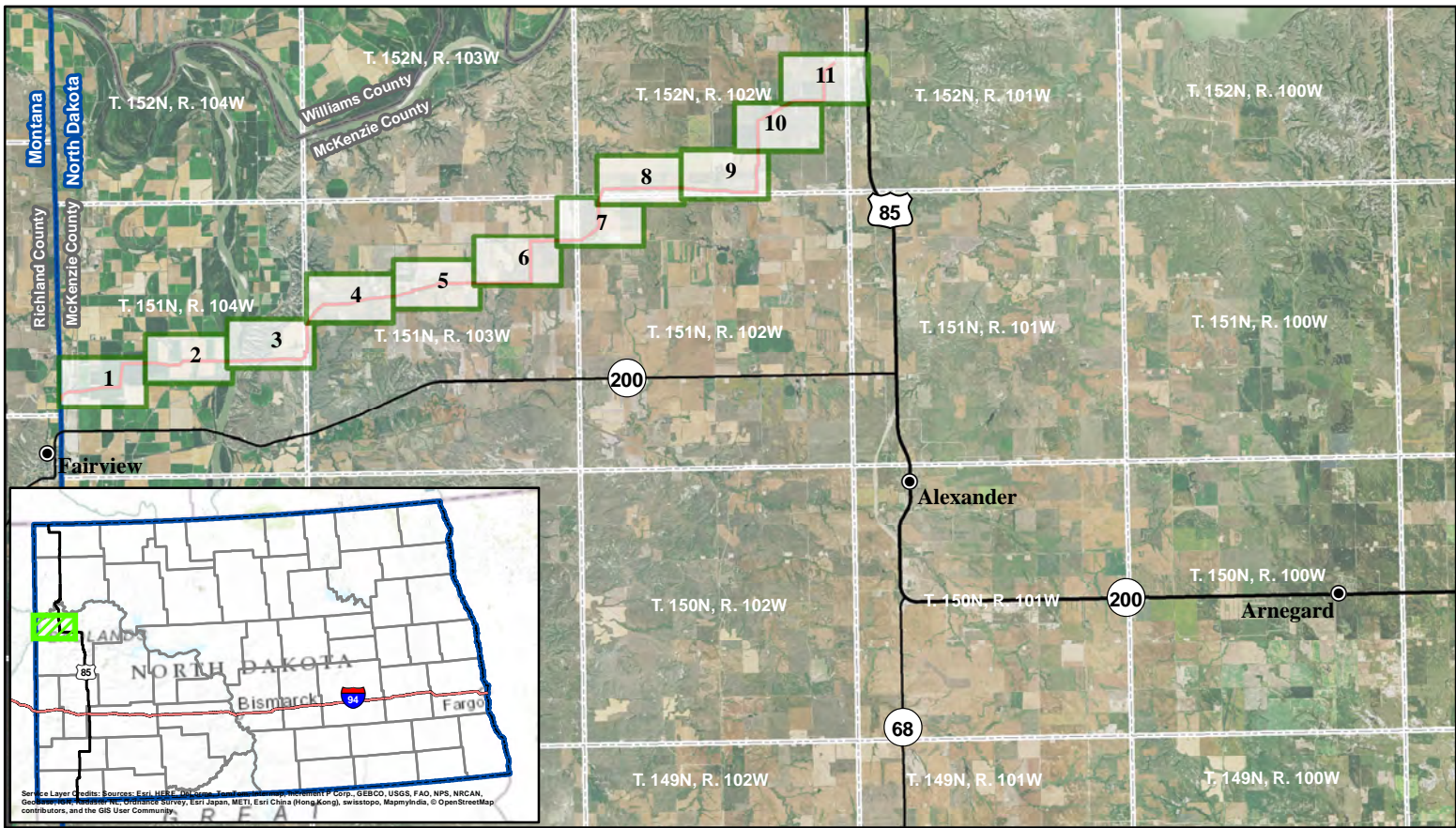
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,

A handwritten signature in blue ink that reads 'Kate Kenninger'.

Kate Kenninger

Enclosures: Attachment 1



### NST Express Pipeline

- City
- Proposed Pipeline
- U.S. Highway
- State Highway
- State Boundary
- County Boundary
- Township/Range Boundary

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Base Map: 2014 Aerial Imagery  
Source: USDA/FSA - Aerial Photography Field Office  
T. 151N, R. 104W & T. 151N, R. 103W &  
T. 151N, R. 102W & T. 152N, R. 102W  
McKenzie County, North Dakota

Projection: NAD 1983 UTM Zone 13N



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May 6, 2015

Nick Chevance  
Environmental Planner  
National Park Service  
601 Riverfront Drive  
Omaha, Nebraska 68102

**RE: NST Express, LLC; NST Express Pipeline, McKenzie County, North Dakota,  
National Park Service; Revisions to letter dated March 27, 2015**

Dear Mr. Chevance:

NST Express, LLC, (NST Express) is proposing the NST Express pipeline project, an approximately 23.5-mile-long, 12-inch-diameter crude line originating at the proposed Alexander Facility near Alexander, North Dakota, and terminating at the Fairview Rail Facility near Fairview, Montana (Attachment 1). NST Express is proposing the 42-acre Alexander Facility that would include one storage tank, with design provisions for two additional tanks, four truck Lease Automatic Custody Transfer (LACT) offload skids, one new tank booster, one new turbine meter, and one new pipeline pump. NST Express is proposing an expansion of the Fairview Rail Facility, an approximately 2-acre area that would include a scraper receiving trap, one new turbine meter, and panels for programmable logic controller/open multi-network integration (PLC/OMNI) control equipment.

The project is wholly within the state of North Dakota. The NST Express analysis area (2.3-mile corridor) encompasses the following legal locations in McKenzie County, North Dakota.

- Sections 1–11 and 18, Township (T) 151 North (N), Range (R) 102 West (W)
- Sections 1–5, 7–23, and 30, T151N, R103W
- Sections 12–33, T151N, R104W
- Section 24, T152N, R102W
- Sections 18, 19, 30, and 31, T152N, R101W
- Sections 13, 14, and 21–36, T152N, R102W
- Sections 25, 35, and 36, T152N, R103W

The project is scheduled to begin construction in the fall of 2015.

SWCA Environmental Consultants is notifying the National Park Service of the proposed project and is offering them the opportunity to comment. The information received from the National Park Service will be used in a North Dakota Public Service Commission application being prepared for the NST Express pipeline project, which includes the proposed Alexander Facility and the proposed Fairview Rail Facility expansion.

Please send your replies and requests for additional project information to the following:

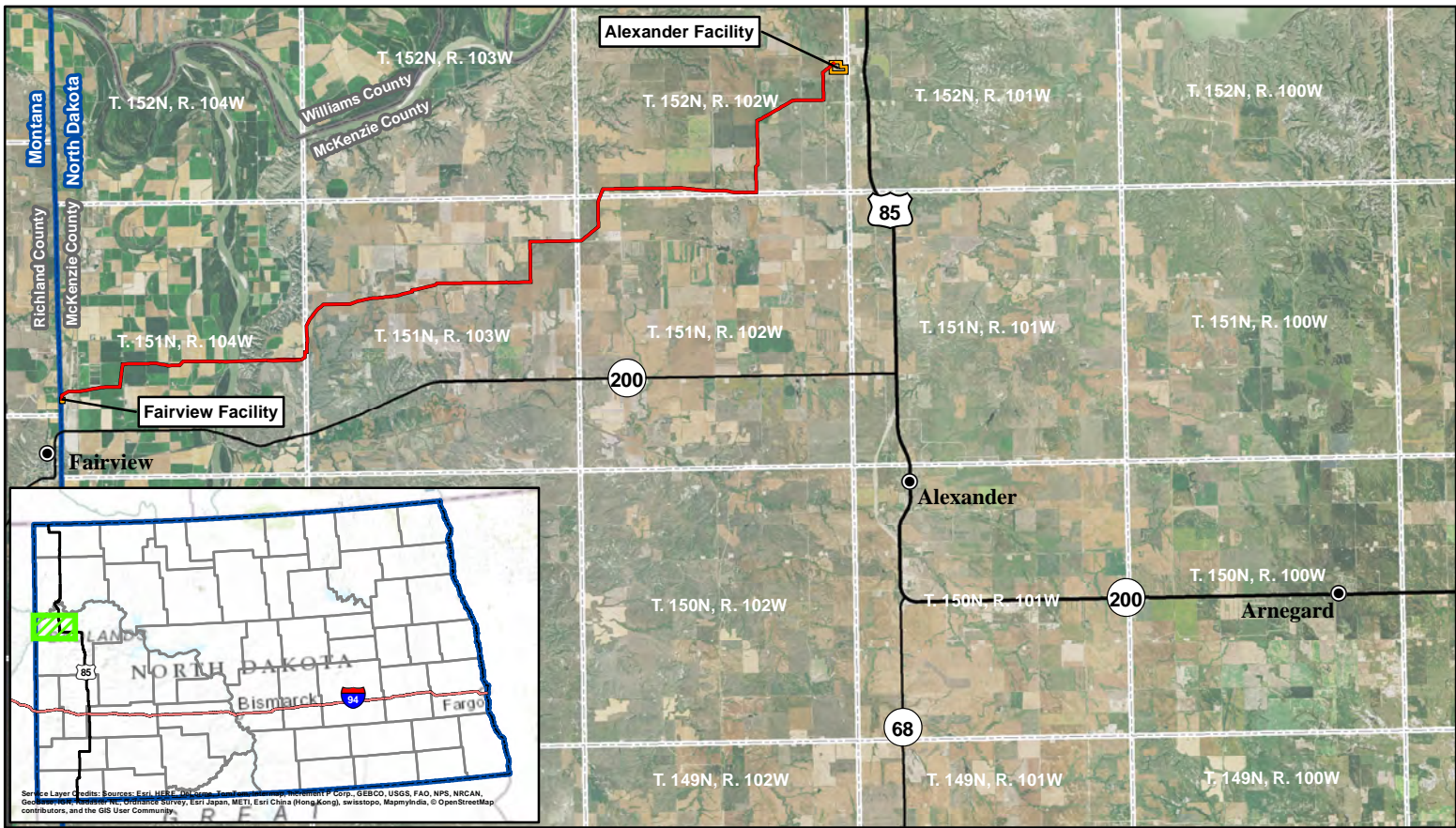
Kate Kenninger, Natural Resource Specialist  
SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, North Dakota 58501  
(701) 258-6622  
kkenninger@swca.com

Sincerely,



Kate Kenninger

Enclosures: Attachment 1

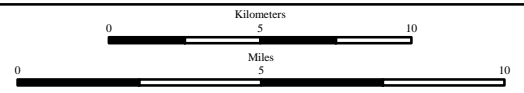


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### NST Express Pipeline

- City
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 McKenzie County, North Dakota



Projection: NAD 1983 UTM Zone 13N

**From:** Kate Kenninger  
**To:** "[Riddle, Heidi](#)"  
**Subject:** RE: Project Reviews - NPS  
**Date:** Monday, May 18, 2015 9:08:00 AM  
**Attachments:** [image001.png](#)  
[sent\\_20150511\\_Alignment\\_Facilities.zip](#)

---

Good morning Heidi,

Please see the attachment for the requested shapefiles of the NST Express Pipeline. If you have any questions or comments, please let me know.

Thank you,

**Kate Kenninger**  
Natural Resources Specialist/Project Manager

SWCA Environmental Consultants  
116 North 4th Street, Suite 200  
Bismarck, ND, 58501  
Office 701.258.6622 | Cell 701.740.4982

  
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**From:** Riddle, Heidi [mailto:[heidi\\_riddle@nps.gov](mailto:heidi_riddle@nps.gov)]  
**Sent:** Friday, May 15, 2015 9:34 AM  
**To:** Wade Epperson; Chad Baker; Kate Kenninger  
**Subject:** Project Reviews - NPS

Hello,

The National Park Service received letters from you regarding the following projects:

Enerplus Mountains well pad (letter dated May 7)  
North Antelope Infill EA (dated May 4)  
NST Express Pipeline (dated May 6)

I would like to request shapefiles for each project, as it greatly helps our review process.  
Please let me know if you have any questions.

Best Regards,  
Heidi

Heidi Riddle

Regional Energy Specialist  
National Park Service, Midwest Regional Office  
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**STATE  
HISTORICAL  
SOCIETY  
OF NORTH DAKOTA**

Jack Dalrymple  
*Governor of North Dakota*

May 21, 2015

North Dakota  
State Historical Board

Mr. William Harding  
Principal Investigator  
SWCA Bismarck Office  
116 North 4<sup>th</sup> St, Suite 200  
Bismarck, ND 58501

Calvin Grinnell  
*New Town - President*

ND SHPO Ref: 15-1072 ND PSC A Class I and Class III Cultural Resource Inventory  
of the NST Express Pipeline Project, McKenzie County, North Dakota

A. Ruric Todd III  
*Jamestown - Vice President*

Margaret Puetz  
*Bismarck - Secretary*

Dear Mr. Harding,

Albert I. Berger  
*Grand Forks*

Gereld Gerntholz  
*Valley City*

We reviewed ND SHPO Ref: 15-1072 ND PSC "A Class I and Class III Cultural Resource Inventory of the NST Express Pipeline Project, McKenzie County, North Dakota." We concur with a "No Significant Sites Affected" determination provided the project remains in the locations plotted, mapped, and described in the aforementioned project documentation.

Diane K. Larson  
*Bismarck*

Chester E. Nelson, Jr.  
*Bismarck*

Thank you for the opportunity to review the report. If you have questions please contact Susan Quinnell at [squinnell@nd.gov](mailto:squinnell@nd.gov) or (701) 328-3576.

Sara Otte Coleman  
*Director  
Tourism Division*

Kelly Schmidt  
*State Treasurer*

Sincerely,

Alvin A. Jaeger  
*Secretary of State*

Claudia J. Berg  
Director, State Historical Society of North Dakota

Mark Zimmerman  
*Director  
Parks and Recreation  
Department*

Grant Levi  
*Director  
Department of Transportation*

Claudia J. Berg  
*Director*

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