



Jack Dalrymple, Governor
Mark A. Zimmerman, Director

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Bismarck, ND 58503-0649
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E-mail parkrec@nd.gov
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February 2, 2011

Katie Schmidt
E3 Environmental, LLC
kschmidt@go2e3.com

RE: Bear Paw Energy, LLC Proposed Garden Creek NGL Pipeline Project

Dear Sir or Madam:

The North Dakota Parks and Recreation Department (the Department) has reviewed the above referenced proposal from the Bear Creek Energy, LLC to construct approximately 55 miles of 12" diameter natural gas pipeline 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 current or historical plant or animal species of concern or other significant ecological communities are known to occur within an approximate one-mile radius of the project area. Based on this review, several occurrences have been identified within or adjacent to the project areas. Please see the attached spreadsheet and maps for more specific information on these species. We defer further comments regarding animal species to the North Dakota Game and Fish Department and the United States Fish and Wildlife Service.

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

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

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

Thank you for the opportunity to comment on this project. Please contact me at (701-328-5370 or kgduttenehfer@nd.gov) if additional information is needed.

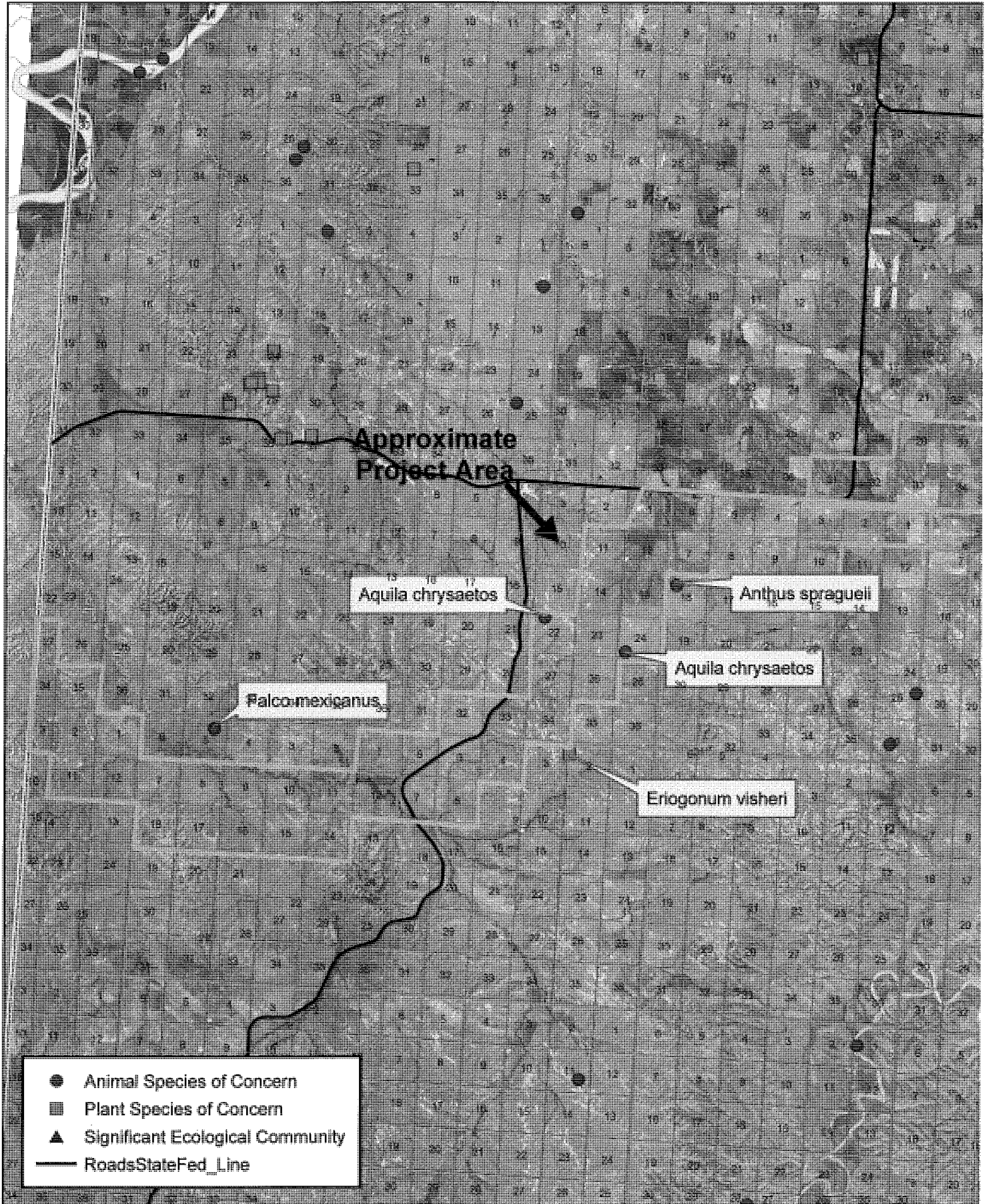
Sincerely,

Kathy Duttenehfer
Coordinator/Biologist
Natural Resources Division

R.USNDNHI*2011-035
KD2/2/11DL2.5.11

.....
Play in our backyard!

North Dakota Parks and Recreation Department North Dakota Natural Heritage Inventory



R105W

R104W

R103W

R102W

January 2011

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
Falco mexicanus	Prairie Falcon	S3	G5		147N104W - 05; 148N104W - 32; 147N104W - 08; 147N104W - 06; 148N104W - 31; 147N104W - 04; 148N104W - 29; 147N104W - 07; 147N104W - 09; 148N104W - 33	McKenzie	29765		M
Aquila chrysaetos	Golden Eagle	S3	G5		148N103W - 22	McKenzie	1981		S
Aquila chrysaetos	Golden Eagle	S3	G5		148N103W - 24	McKenzie	1981		S
Anthus spragueii	Sprague's Pipit	S3	G4		148N102W - 18	McKenzie	1976-06		S
Eriogonum visherii	Dakota Buckwheat	S2S3	G3		147N103W - 02; 147N103W - 03	McKenzie	34905		S

North Dakota Natural Heritage Inventory Biological and Conservation Data Disclaimer

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

Estimated Representation Accuracy

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

Very high (>95%)

High (>80%, <= 95%)

Medium (>20%, <= 80%)

Low (>0%, <= 20%)

Unknown

(null) - Not assessed

Precision

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

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

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

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

U - Unmappable

From: [Katie Schmidt](#)
To: "[Leidholm, Krystal K.](#)"
Subject: RE: Garden Creek NGL Pipeline Project
Date: Sunday, January 30, 2011 9:38:00 PM
Attachments: [Corridor_Shapefile.zip](#)

Krystal,

As requested I have attached the shape files as requested for the proposed Garden Creek NGL Pipeline. The attached files reflect the current route under consideration. Please feel free to contact me if you have questions or need any additional information.

Please update your address books with my new telephone numbers below.

Katie Schmidt, EIT
E3 Environmental, LLC
Office: 651-282-0652
Mobile: 651-216-6881
www.go2e3.com



 **Please consider the environment before printing this e-mail.**

From: Leidholm, Krystal K. [mailto:kkleidholm@nd.gov]
Sent: Wednesday, January 26, 2011 3:37 PM
To: kschmidt@go2e3.com
Subject: Garden Creek NGL Pipeline Project

Hello Katie,

Here is my information. I will let you know if the surrounding data is significant enough to where a shapefile would be convenient.

Thanks,

Krystal Leidholm
Natural Resources Division

North Dakota Parks & Recreation Department
1600 East Century Ave., Suite 3
Bismarck, ND 58503
Ph. 701-328-5333
kkleidholm@nd.gov

From: [Katie Schmidt](#)
To: [Duttenhefner, Kathy G.](#)
Cc: [Barry Selke \(Barry.Selke@oneok.com\)](#); [William McCarthy](#); [Russ Clark \(Rusty.Clark@oneok.com\)](#)
Bcc: [Tim Helbig \(Tim.Helbig@oneok.com\)](#)
Subject: Bear Paw Energy – Garden Creek NGL Pipeline: State Land and Natural Heritage Inventory Review Request
Date: Wednesday, January 26, 2011 2:19:00 PM
Attachments: [GC NGL Route TOPO Maps ND_01192011.pdf](#)

Ms. Duttenhefner

Bear Paw Energy, LLC (BPE), a subsidiary of ONEOK Partners, LP, Tulsa, Oklahoma, has proposed the Garden Creek NGL Pipeline Project. This project will entail the construction of approximately 55 miles of 12-inch diameter pipeline in North Dakota which will be designed to transport natural gas liquids (NGL) to various delivery points along the route. This project is currently scheduled to begin construction in July 2011 and will require a minimum of 90 days to complete construction with restoration to immediately follow. The planned pipeline corridor is shown on the attached maps.

In McKenzie County, North Dakota, the pipeline crosses:

Township 151N, Range 98W, Sections 35, 34, 33, 32, 31;
Township 150N, Range 98W, Section 6;
Township 151N, Range 99W, Section 36;
Township 150N, Range 99W, Sections 1, 2, 10, 11, 14, 15, 16, 21, 28, 31, 32, 33;
Township 149N, Range 99W, Sections 4, 5, and 6;
Township 149N, Range 100W, Sections 1, 2, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19;
Township 149N, Range 101W, Sections 13, 23, 24, 26, 27, 28, 31, 32, 33, 34;
Township 148N, Range 102W, Sections 1, 2, 3, 4, 5, 6, 7, 8, 9, and 10;
Township 148N, Range 103W, Sections 1, 11, 12, 13, 14, 22, 23, 24, 26, 27, 32, 33, 34;
Township 147N, Range 103W, Sections 4, 5, 6, 7, 8;
Township 147N, Range 104W, Sections 1, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, and 18;
Township 147N, Range 105W, Sections 1, 2, 11, 12;
Township 148N, Range 105W, Sections 3, 27, 34, and 35;

Pipeline construction activities will typically occupy a 100-foot right of way. Following construction, the pipeline will occupy a 50-foot permanent right of way. To minimize impacts portions of the proposed route will be collocated with existing utility corridors.

The purpose of this request is to compile the North Dakota Parks and Recreation Department's (Department) comments on environmental topics that are relevant to the North Dakota Public Service Commission's (PSC) siting requirements for Energy Transmission Facility Siting. It is our understanding that the Department administers the following state programs:

- State Park Lands
- Land and Water Conservation Fund
- Natural Heritage Inventory

E3 Environmental, LLC (E3) has been retained by BPE to provide environmental consulting support for this project. Should you have questions or require additional information, please contact myself at the information listed below or

Bill McCarthy at 651-319-7456 or wmccarthy@go2e3.com.

Sincerely,

Katie Schmidt, EIT

E3 Environmental, LLC

Office: 651-282-0652

Mobile: 651-216-6881

www.go2e3.com



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