



Doug Burgum, Governor
Melissa Baker, Director

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July 5, 2017

Jaimee Antognazzi
Keitu Engineers & Consultants, Inc.
1403 27th Street NW
Mandan, ND 58554-0098

Re: Belle Fourche Pipeline Company – Skunk Hill to Dakota Prairie Refinery 6” Pipeline

Dear Ms. Antognazzi

The North Dakota Parks and Recreation Department has reviewed the above referenced Belle Fourche Pipeline Company – Skunk Hill to Dakota Prairie Refinery 6” Pipeline, Dunn County, North Dakota.

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 ecological community occurrences in our database within or adjacent to project area. Please refer to the attached spreadsheet and previously submitted shapefiles.

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). Thank you for the opportunity to comment on this proposed project.

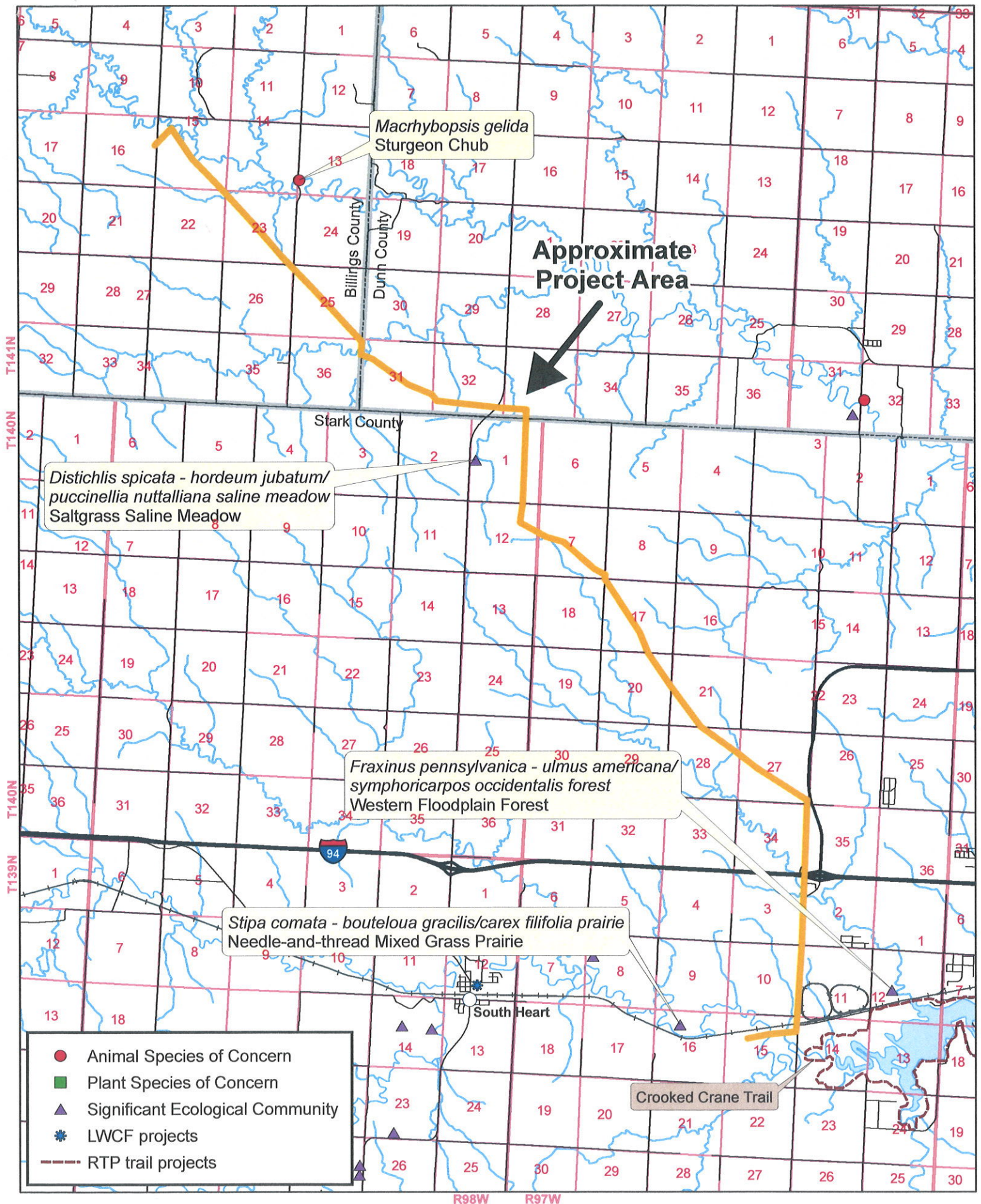
Sincerely,

A handwritten signature in blue ink, appearing to read "Kathy Duttonhefner", with a horizontal line extending to the right.

Kathy Duttonhefner, Coordinator
Natural Resources Division

R.USNDNHI*2017_401KD7.5.17

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>Distichlis spicata</i> - <i>hordeum jubatum</i> / <i>puccinellia nuttalliana</i> saline meadow	Saltgrass Saline Meadow	S2S3	GNR		140N098W - 01; 140N098W - 02; 140N097W - 07; 141N097W - 33; 141N097W - 32; 140N098W - 10; 140N098W - 12; 140N098W - 11; 141N097W - 31; 140N097W - 06; 140N098W - 03	Dunn, Stark	1977		M
<i>Fraxinus pennsylvanica</i> - <i>ulmus americana</i> / <i>symphoricarpos occidentalis</i> forest	Western Floodplain Forest	S3	GNR		139N096W - 06; 139N097W - 11; 139N097W - 02; 139N096W - 18; 139N097W - 13; 139N097W - 14; 139N097W - 01; 139N096W - 07; 139N097W - 12	Stark	1976-09-12		M
<i>Macrhybopsis gelida</i>	Sturgeon Chub	S2	G3		141N098W - 13; 141N098W - 14	Billings	1973-07-16		S
<i>Stipa comata</i> - <i>bouteloua gracilis</i> / <i>carex filifolia</i> prairie	Needle-and-thread Mixed Grass Prairie	S2	GNR		139N097W - 16; 140N098W - 34; 139N097W - 36; 139N097W - 27; 139N097W - 09; 139N098W - 36; 139N097W - 07; 140N097W - 36; 140N097W - 27; 139N097W - 29; 139N096W - 08; 138N097W - 10; 140N097W - 28; 140N097W - 19; 139N096W - 18; 140N097W - 29; 139N096W - 17	Stark	1935-08-03		G

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

Recreation Trails Program Projects

Project Name

Crooked Crane Trail



July 6, 2017

Ms. Jaimee Antognazzi
Operations Manager
Keitu Engineers & Consultants, Inc.
P.O. Box 98
Mandan, ND 58554-0098

Re: Belle Fourche Pipeline Company
Skunk Hill to Dakota Prairie Refinery 6" Pipeline
Billings, Dunn and Stark Counties

Dear Ms. Antognazzi:

This department has reviewed the information concerning the above-referenced project submitted under date of June 22, 2017, with respect to possible environmental impacts.

This department believes that environmental impacts from the proposed construction will be minor and can be controlled by proper construction methods. With respect to construction, we have the following comments:

1. All necessary measures must be taken to minimize fugitive dust emissions created during construction activities. Any complaints that may arise are to be dealt with in an efficient and effective manner.
2. Care is to be taken during construction activity near any water of the state to minimize adverse effects on a water body. This includes minimal disturbance of stream beds and banks to prevent excess siltation, and the replacement and revegetation of any disturbed area as soon as possible after work has been completed. Caution must also be taken to prevent spills of oil and grease that may reach the receiving water from equipment maintenance, and/or the handling of fuels on the site. Guidelines for minimizing degradation to waterways during construction are attached.
3. A temporary discharge permit may be needed if this project will require pipe cleaning and hydrostatic testing. Further information on the temporary discharge permit may be obtained from the Department's website or by calling the Division of Water Quality (701-328-5210).
4. Although the proposed construction project does not overlie a defined glacial drift aquifer, several domestic and stock water supply wells are located in the vicinity of the proposed pipeline route. Care should be taken to avoid spills of any materials that may have an

adverse effect on groundwater quality. All spills must be immediately reported to this Department and appropriate remedial actions performed.

5. Projects that involve construction of pipelines should select locations that minimize the potential for impacts to human health and the environment during and after construction by avoiding, when possible, source water protection areas and sensitive surface and groundwater environments. Additionally, when possible, pipeline routes should select areas with natural barriers to both surface and ground waters. Human health and the environment should be further protected by developing a spill response plan that emphasizes rapid deployment of prepositioned assets necessary to contain spills and subsequent cleanup. Proper surveillance and monitoring for early detection of leaks should be required.

The department owns no land in or adjacent to the proposed improvements, nor does it have any projects scheduled in the area. In addition, we believe the proposed activities are consistent with the State Implementation Plan for the Control of Air Pollution for the State of North Dakota.

These comments are based on the information provided about the project in the above-referenced submittal. The U.S. Army Corps of Engineers may require a water quality certification from this department for the project if the project is subject to their Section 404 permitting process. Any additional information which may be required by the U.S. Army Corps of Engineers under the process will be considered by this department in our determination regarding the issuance of such a certification.

If you have any questions regarding our comments, please feel free to contact this office.

Sincerely,



L. David Glatt, P.E., Chief
Environmental Health Section

LDG:cc
Attach.



Construction and Environmental Disturbance Requirements

These represent the minimum requirements of the North Dakota Department of Health. They ensure that minimal environmental degradation occurs as a result of construction or related work which has the potential to affect the waters of the State of North Dakota. All projects will be designed and implemented to restrict the losses or disturbances of soil, vegetative cover, and pollutants (chemical or biological) from a site.

Soils

Prevent the erosion of exposed soil surfaces and trapping sediments being transported. Examples include, but are not restricted to, sediment dams or berms, diversion dikes, hay bales as erosion checks, riprap, mesh or burlap blankets to hold soil during construction, and immediately establishing vegetative cover on disturbed areas after construction is completed. Fragile and sensitive areas such as wetlands, riparian zones, delicate flora, or land resources will be protected against compaction, vegetation loss, and unnecessary damage.

Surface Waters

All construction which directly or indirectly impacts aquatic systems will be managed to minimize impacts. All attempts will be made to prevent the contamination of water at construction sites from fuel spillage, lubricants, and chemicals, by following safe storage and handling procedures. Stream bank and stream bed disturbances will be controlled to minimize and/or prevent silt movement, nutrient upsurges, plant dislocation, and any physical, chemical, or biological disruption. The use of pesticides or herbicides in or near these systems is forbidden without approval from this Department.

Fill Material

Any fill material placed below the high water mark must be free of top soils, decomposable materials, and persistent synthetic organic compounds (in toxic concentrations). This includes, but is not limited to, asphalt, tires, treated lumber, and construction debris. The Department may require testing of fill materials. All temporary fills must be removed. Debris and solid wastes will be removed from the site and the impacted areas restored as nearly as possible to the original condition.



"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

GOVERNOR, *Doug Burgum*

DIRECTOR, *Terry Steinwand*

DEPUTY, *Scott A. Peterson*

July 24, 2017

Jaimee Antognazzi
Operations Manager
Keitu Engineers & Consultants, Inc.
PO Box 98
Mandan, ND 58554-0098

Dear Ms. Antognazzi:

RE: Skunk Hill to Dakota Prairie Refinery 6" Pipeline Project

Belle Fourche Pipeline Company is proposing to submit a Certificate of Corridor Compatibility Application and Route Permit Application for the conversion of an approximately 18-mile crude oil gathering pipeline to a crude supply pipeline. It originates from a location near Belfield and terminates at the Dakota Prairie Refinery located near Dickinson, North Dakota.

A primary concern with pipeline projects is the possible disturbance of native prairie and wooded draws associated with construction of the pipeline and access roads. Avoidance of native prairie areas reduces impacts to a number of grassland species including many of the species of conservation priority. 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.

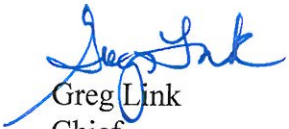
The pipeline route crosses the Heart River, a classified fishery. We recommend that classified streams be crossed by directional boring to protect the resource. If this method is not feasible, construction should not take place within the waterway between April 15 and June 1, and controls should be implemented to minimize erosion and sedimentation. The department also recommends that additional precautions be implemented into the design of pipes crossing under the State's waterways. One means of minimizing a potentially large pipeline failure is to incorporate pressure sensing valves on both sides of the waterway. These valves should be placed as close to the waterway as possible while staying out of the floodplain to reduce potential damage from ice and other floating debris. A maintenance schedule should be developed to insure the integrity of the pipe for the life of the project.

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, Ms. Jessica Howell, can be contacted at 701-368-8368 for equipment inspections or additional information regarding ANS prevention protocols.

The National Wetland Inventory indicates a variety of 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 do not believe this project will have significant adverse effects on wildlife or wildlife habitat, including species of conservation priority, provided these recommendations were implemented where appropriate during project construction.

Sincerely,



Greg Link
Chief

Conservation & Communication Division

js

Casey A. Furey

From: Juliana Hammerstrom <jhammerstrom@nd.gov>
Sent: Wednesday, February 13, 2019 2:41 PM
To: Casey A. Furey
Subject: RE: Belle Fourche - Project Notification Letters

This message was received from an external email account. Please use caution when opening messages, attachments, or links from unknown sources.

Casey,

Good afternoon. I apologize for my delayed response. I was able to follow up with the road superintendent and no permits will be required for the conversion of Belle Fourche's existing Skunk Hill to DPR pipeline. Please note this is contingent upon no additional construction in the right-of-way as previously discussed. Please contact me should you have any further questions or concerns. Thank you.

Juliana Hammerstrom
Deputy Tax & Zoning Director
Billings County
PO Box 247
Medora, ND 58645
701-623-4810
jhammerstrom@nd.gov

From: Casey A. Furey [mailto:cfurey@crowleyfleck.com]
Sent: Wednesday, February 13, 2019 12:45 PM
To: jhammerstrom@nd.gov
Subject: RE: Belle Fourche - Project Notification Letters

CAUTION: This email originated from an outside source. Do not click links or open attachments unless you know they are safe.

Juliana, I am following up to our phone conversation in late December to confirm that no permits are required for the conversion of Belle Fourche's existing Skunk Hill to DPR pipeline. You had previously indicated you did not believe any permits would be required for the conversion because it is an existing line and there will be no additional construction however, you wanted to confirm internally.

Appreciate your feedback.

Thanks,

Casey Furey
Direct: 701-224-7552