



Tioga Extension Project

North Dakota Public Service
Commission Certificate of Corridor
Compatibility and Route Permit
Application

PREPARED BY



DATE
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REFERENCE
0760120



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ACRONYMS AND ABBREVIATIONS

Acronym	Description
API	American Petroleum Institute
BGEPA	Bald and Golden Eagle Protection Act
BMPs	Best Management Practices
bpd	barrels per day
CFR	Code of Federal Regulations
CRP	Conservation Reserve Program
Criteria	NDPSC Transmission facility corridor and route criteria
EI	Environmental Inspector
ESA	Endangered Species Act
FERC	Federal Energy Regulatory Commission
FSA	Farm Service Agency
GIS	Geographical Information System
HDD	Horizontal Directional Drill
ICBM	Intercontinental Ballistic Missile
LWCF	Land and Water Conservation Fund
MBTA	Migratory Bird Treaty Act
Metcalf	Metcalf Archaeological Consultants
MMcf/d	million cubic feet per day
NDAC	North Dakota Administrative Code
NDCC	North Dakota Century Code
NDDA	North Dakota Department of Agriculture
NDDEQ	North Dakota Department of Environmental Quality
NDDTL	North Dakota Department of Trust Lands
NDDWR	North Dakota Department of Water Resources
NDGFD	North Dakota Game and Fish Department
NDGIS	North Dakota Geographic Information Systems
NDGS	North Dakota Geological Survey
NDIC	North Dakota Industrial Commission

Acronym	Description
NDPSC/Commission	North Dakota Public Service Commission
NDPRD	North Dakota Parks and Recreation Department
ND SHPO	North Dakota State Historic Preservation Office
NGL(s)	Natural Gas Liquids
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWR	National Wildlife Refuge
ONEOK	ONEOK Bakken Pipeline, L.L.C.
Pipeline	Tioga Extension
Psig	Pounds per square inch gauge
Project	ONEOK Tioga Extension Project
Route	Tioga Extension route
ROW	right-of-way
County Line Plant	Argent Midstream County Line Plant
Study Area	1-mile-wide study area centered on the Route
SWPPP	Stormwater Pollution Prevention Plan
USACE	U.S. Army Corps of Engineers
USDA	U.S. Department of Agriculture
USDOD	U.S. Department of Defense
USDOT	U.S. Department of Transportation
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Service
USNPS	U.S. National Park Service
WAWSA	Western Area Water Supply Authority
WMD	Wetland Management District
WPA	Waterfowl Production Areas

REGULATORY CROSS REFERENCE GUIDE

Authority	Description	Section(s)
Chapter 49-22.1	CENTURY CODE – Title 49 ENERGY CONVERSION AND TRANSMISSION FACILITY	
49-22.1-06	Application for a Certificate for a Corridor	
1.a	Description of size and type of facility	1.5.1, 1.5.2, 2.3
1.b	Summary of any studies of environmental impacts	5.0
1.c	Need for the facility	1.1
1.d	Site for energy conversion facility	N/A
1.e	Preferred transmission (pipeline) corridor	1.4, Exhibits A.2-A.4, electronic GIS data
1.f	Analysis of merits and detriments of facility location	4.1
1.g	Mitigating measures	9.0
1.h	Corridor evaluation pursuant to 49-22-09 and 49-22-05.1	7.0, 7.4.1, 8.0
1.i	Other relevant information	8.0
49-22.1-07	Application for Route Permit	
1.a	Description of size and type of facility	1.5.1, 1.5.2, 2.3
1.b	Description of the location	1.3, 1.4
1.c	Route evaluation relative to 49-22-09 and 49-22-05.1	7.0, 8.0
1.d	Mitigating measures	9.0
1.e	Right-of-way (ROW) preparation, construction, and reclamation	2.18, Exhibit C
1.f	Statement identifying how: 1. Landowners informed of ROW acquisition 2. How landowners will be compensated	2.14
1.g	Other relevant information	8.0
49-22.1-09	Factors to be considered in evaluating corridor and route applications	
1	Research and investigation into effects of the project on public health, welfare, natural resources, and the environment	5.0, 7.1, 7.2, 7.3, 7.4.3, 7.4.7, 7.4.9, 8.1
2	Effects of transmission technology and design to minimize adverse effects	8.2
3	Potential beneficial uses of waste energy from energy conversion facility	8.3

Authority	Description	Section(s)
4	Unavoidable adverse direct and indirect environmental effects	8.4
5	Corridor or route alternatives developed during the hearing which minimize adverse effects	8.5
6	Irreversible and irretrievable commitments of natural resources if designated	8.6
7	Direct and indirect economic impacts of the facility	8.7
8	Existing plans for other developments at or in the vicinity	8.8
9	Effect of project on scenic areas, historic sites and structures, paleontological and archaeological sites	5.1, 6.8, 7.1, 7.2.3
10	Effect of route on unique biological areas	5.2, 5.3, 6.1, 6.6, 7.1.5
11	Problems raised by federal, state, or local entities	6.0, 8.15, Exhibit F
ADMINISTRATIVE CODE - ARTICLE 69-06 ENERGY CONVERSION AND TRANSMISSION FACILITY SITING		
69-06-05-01	Application for a Transmission Facility Permit (Corridor Certificate)	
2.a.(1)	Type of facility proposed	1.5.2
2.a.(2)	Purpose of facility	1.1
2.a.(3)	Technology to be deployed	2.2
2.a.(4)	Type of product to be transmitted	2.3
2.a.(5)	Source of product being transmitted	2.4
2.a.(6)	Final destination of product being transmitted	2.5
2.a.(7)	Size and design detail and any alternative size and design	1.5.1, 2.1, 4.1, 4.2
2.a.(7)(a)	The width of ROW	2.6
2.a.(7)(b)	The approximate length of facility	1.5.3
2.a.(7)(c)	The estimated span length for electric facilities	N/A
2.a.(7)(d)	The anticipated type of structure for electric facilities	N/A
2.a.(7)(e)	The voltage for electric facilities	N/A
2.a.(7)(f)	The requirement for and general location of any new associated facilities	2.7
2.a.(7)(g)	The estimated distance between pipeline surface structures	2.8
2.a.(7)(h)	The pipe size	1.5.1

Authority	Description	Section(s)
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2.a.(7)(k)	The number and general location of compressor or pumping stations	2.11
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2.b.(6)	Testing operations	3.6
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2.c.	A copy of each evaluative study or assessment of the environmental impact of the proposed facility submitted to the agencies listed in section 69-06-01-05 and each response received	5.0, 6.0, Exhibit F
2.d.	Need for the facility	1.1
2.e.	Description of alternatives	4.0
2.f.	Corridor width	1.0, 2.6, 5.0
2.g.	Study area to enable the Commission to evaluate the factors in the Century Code section 49-22-09;	5.0
2.h.	Discussion of factors in Century Code 49-22-09 to aid Commission's evaluation	7.0, 8.0
2.i.	A discussion of the applicant's policies and commitments to limit the environmental impact of its facilities, including copies of the board resolutions and management directives	7.4.7, 9.0, Exhibit C
2.j.	Map of criteria that led to route location	Exhibit A.2-A.4
2.k.	Discuss the relative value of each criteria and how the location was selected; how operation will affect criteria	7.0
2.l.	Mitigating measures	9.0
2.m.	Qualifications of each person involved in location study	11.0
2.n.	Map identifying criteria that led to the route location and new facilities	Exhibit A.2-A.4
2.o.	8 1/2 X 11 black and white map suitable for newspaper publication	Exhibit A.5

Authority	Description	Section(s)
2.p.	Discussion of present and future natural resource development in the area	10.2
2.q.	Maps and geographic information system (GIS) data meeting North Dakota Public Service Commission requirements	Exhibit A, electronic GIS data
69-06-08-02	Transmission Facility Corridor and Route Criteria	
1	Exclusion areas	7.1
1.a.	Designated or registered national: parks, sites, landmarks, monuments, wilderness	7.1.1
1.b.	Designated or registered state: parks, sites, monuments, archeological sites, nature preserves	7.1.2
1.c.	County parks and recreational areas, municipal parks, parks owned or administered by other governmental subdivisions	7.1.3
1.d.	Areas of critical habitat	7.1.4
1.e.	Areas where unique or rare species would be irreversibly damaged	7.1.5
1.f.	Area within one thousand two hundred feet of Intercontinental Ballistic Missile (ICBM) facility	7.1.6
1.g.	Areas within thirty feet of direct line of ICBM launch facilities	7.1.6
2	Avoidance areas	7.2
2.a.	Designated or registered national: historic districts, wildlife areas, wild, scenic, or recreational rivers, wildlife refuges, grasslands	7.2.1
2.b.	Designated or registered state: wild, scenic, recreational rivers, game refuges, game management areas, forest management lands, grasslands	7.2.2
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3.a.(1)	Agricultural production	7.3.1
3.a.(2)	Family farms and ranches	7.3.1
3.a.(3)	Land economically suitable for irrigation	7.3.1
3.a.(4)	Surface drainage patterns and groundwater flow patterns	7.3.2 and 7.3.3
3.b.(1)	Sound sensitive land uses	7.3.4
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3.b.(3)	Extractive and storage resources	7.3.6
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3.b.(5)	Radio and TV reception and other communication or electronic facilities	7.3.8
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3.b.(8)	Plant life	7.3.11
4	Policy criteria	7.4
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4.b.	Training and utilization of instate labor	7.4.2
4.c.	Economies of construction and operation	7.4.3
4.d.	Use of citizen coordinating committees	7.4.4
4.e.	Commitment of portion of transmitted product for use in state	7.4.5
4.f.	Labor relations	7.4.6
4.g.	Coordination of facilities	7.4.8
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4.j.	Other existing or proposed transmission facilities	7.4.11

INTRODUCTION

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter steel natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline extends from the Argent Midstream County Line Plant (County Line Plant or Silver Hill County Line Plant) to the ONEOK meter site within the Hess Tioga Plant (Hess Tioga Meter Site) in Williams County, North Dakota.

ONEOK submits to the North Dakota Public Service Commission (NDPSC) a single consolidated application for a Certificate of Corridor Compatibility and Route Permit for the Project. The application provides the information required by:

- North Dakota Century Code (NDCC), Energy Conversion and Transmission Facility Siting Act, Chapter 49-22.1; and
- North Dakota Administrative Code (NDAC), Article 69-06, Energy Conversion and Transmission Facility Siting.

Construction activities are currently proposed to begin in August 2025 with an in-service date of November 2025. Restoration activities may extend through 2026, if needed.

1. DESCRIPTION OF FACILITY

The facilities proposed as part of the Project include approximately 7.6 miles of 6-inch nominal diameter steel pipeline in interstate commerce and subject to the federal pipeline safety regulations in 49 Code of Federal Regulations (CFR) Part 195 and associated aboveground components at the origin within the County Line Plant and terminus within the Hess Tioga Meter Site.

Terms used to describe the Project in this application for a Certificate of Corridor Compatibility and Route Permit are as follows:

- **Route:** In accordance with NDCC Section 49-22.1-01(11), the "Route" is the location of a gas or liquid transmission line within a designated corridor. ONEOK is proposing a 7.6-mile-long Route equivalent to the pipeline centerline plus 25 feet on either side (50 feet total width) to allow for minor shifts during construction and corresponding to the typical easement width along the pipeline.
- **Corridor:** In accordance with NDCC Section 49-22.1-01(4), the "Corridor" is the area of land where a designated route may be established for a gas or liquid transmission facility. The Corridor for the Project is approximately 200 feet wide and extends up to 360 feet wide as identified in Exhibits A.2 through A.4, corresponding to the area studied in detail, which will encompass the Route and construction and maintenance easements.
- **Study Area:** The Study Area analyzed for the Project is 1-mile-wide (0.5 mile on either side of the pipeline centerline).

NDAC 69-06-05-01(2)(f) states that "the width of a corridor must be at least ten percent of its length, but not less than one mile [1.61 kilometers] or greater than six miles [9.66 kilometers] unless another width is determined by the commission." ONEOK proposes a 1-mile-wide Study Area and Project Corridor sufficient for the Commission to evaluate the factors addressed in NDAC 49-22.1-09.

1.1 PURPOSE AND NEED OF FACILITY

The purpose of the Project is to provide take-away capacity for Y-grade NGLs (a mixture of ethane, propane, butanes, iso-butane mix, pentanes, and natural gasoline). Construction of the proposed Project will provide firm, reliable service of up to 40,000 barrels¹ of NGLs per day and will provide a critical link between the County line Plant and the Hess Tioga Meter Site and NGL pipeline system(s) for delivery to facilities in the Mid-Continent and Gulf Coast for additional processing prior to distribution to various markets.

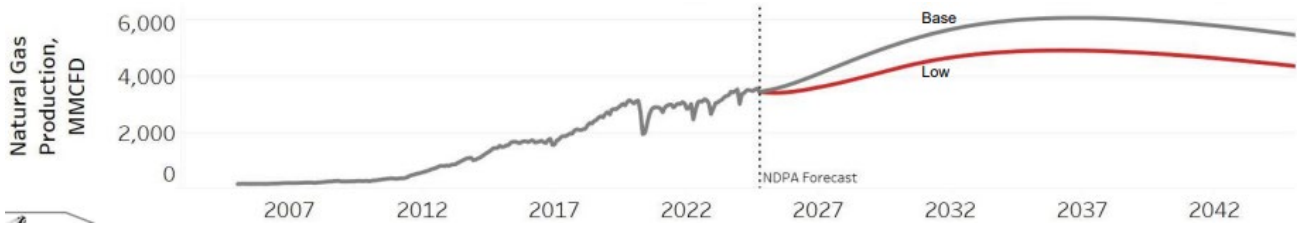
Technological advances in drilling and completion associated with horizontal wells currently employed in the Bakken Shale and Three Forks formations of the Williston Basin have dramatically increased hydrocarbon production in the area. Producers remain active in the region creating demand for natural gas gathering and processing infrastructure. Within the region, NGL

¹ Meter equipment installed will allow for a maximum flow rate of 9,000 barrels per day. The pipeline is designed for a maximum flow of 40,000 barrels per day.



production from the Williston Basin has increased from 250 million cubic feet per day (MMcf/d) in 2011 to almost 4,000 MMcf/d presently and is projected by the North Dakota Industrial Commission (NDIC) to continue to increase through 2042 (see Figure 1).

FIGURE 1 NORTH DAKOTA NGL PRODUCTION FORECAST



Source: Kringstad, 2025

The increased production of oil and natural gas products continues to be constrained by the available infrastructure take-away capacity. While near term demands associated with increased crude oil production can be readily addressed with the installation of tankage for temporary storage coupled with additional trucking or rail capacity to bring it to market, the associated natural gas production is typically lost to flaring until the required infrastructure is placed into service.

The requisite infrastructure includes gathering systems and gas processing to refine the raw feedstock into commercial products. The function of gas processing plants is to separate commercial grade methane (i.e., natural gas) from NGLs such as butane, propane, and ethane, and in turn prepare these products for delivery.

A major constraint in transporting NGLs and other hydrocarbons from North Dakota to processing/distribution centers and eventual end users in the United States is the lack of pipeline capacity. The purpose of the Project is to more efficiently transport NGLs from the County Line Plant to transmission pipelines, decreasing truck traffic based on current production from the County Line Plant as well as alleviate any additional truck traffic should the plant operate at higher capacities.

1.2 GENERAL AREA TO BE SERVED

The Project will allow for the delivery of additional NGLs from the Bakken and Three Forks production areas to facilities in the Mid-Continent and Gulf Coast for additional processing of the raw feedstock into commercial products prior to distribution to various markets to meet the existing need for agriculture and the petrochemical and plastics industries, as well as for refining and home heating throughout the United States.

1.3 PREFERRED LOCATION OF FACILITY

The Project will be located entirely in Williams County, North Dakota, originating at the County Line Plant in Township 158N, Range 95W, Section 24 moving generally north-to-south, and terminating in Township 157N, Range 95W, Section 23 at a planned interconnection with the Hess Tioga Meter Site. Please refer to the maps in Exhibit A.2.

The proposed Project is approximately 7.6 miles in length and will be 76 percent co-located with existing linear infrastructure corridors. ONEOK is proposing a pipeline route (Route) equivalent to the pipeline centerline plus 25 feet on either side (50 feet total width) to allow for minor shifts during construction. The environmental studies and analysis of exclusion and avoidance areas described in Sections 5.0, 7.0, and 8.0 consider the Route as 50 feet wide. Project location maps that depict the pipeline route are provided in Exhibit A. The Townships, Ranges, and Sections crossed by the Route are presented in Table 1 (generally following the Route from north to south).

TABLE 1 LOCATION SUMMARY

Township	Range	Section Crossed by Route
158N	95W	24
158N	95W	25
158N	95W	36
157N	95W	1
157N	95W	12
157N	95W	13
157N	95W	24
157N	95W	23

The Project is located entirely in Williams County, North Dakota and does not cross any municipal or city boundaries. The Project crosses the Lindahl and Tioga townships.

Contact information for Williams County Board of Commissioners and Township officers is included as Exhibit B.

1.4 PREFERRED LOCATION OF CORRIDOR

ONEOK and its affiliates own and operate several assets throughout the region. The operation of these assets is conducted in a manner to maximize the overall value of the NGLs, which benefits regional stakeholders (i.e., producers, royalty owners, and the State) through direct payments and tax revenues. The Project Corridor described in this application provides ONEOK with the opportunity to utilize existing pipeline corridors and minimize landowner and environmental impacts. ONEOK requests that the Corridor described in this application be certificated by the NDPSC.

Selection of the proposed Corridor and Route entailed a program that evaluated several GIS data layers for the Project area. Information relative to exclusion and avoidance areas, public health and welfare, natural resources, the environment, and other unfavorable constructability or operational features were evaluated to avoid and minimize proximity and potential impacts on



these features. Features for favorable constructability or operations, such as existing ROWs (pipelines, roads, railways, power lines, etc.), were also evaluated to maximize co-location.

In addition, ONEOK reviewed the area between the County Line Plant and the Hess Tioga Meter Site for existing PSC-approved route permits and Federal Energy Regulatory Commission (FERC)-certificated pipelines. The information gathered from those permitted projects offered a corridor situated within areas studied by the applicants and agencies engaged in developing and approving those projects. Those recently approved projects included the Liberty Project (NDPSC Case No. PU-20-022), the ONEOK Bakken Pipeline LLC 16-inch NGL Pipeline - Williams County, ND (NDPSC Case No. PU-19-368), the WBI Energy North Bakken Expansion Project Line 25 Loop (FERC Docket Number CP20-52) and Alliance Tioga Pipeline (FERC Docket Number CP12-50). Given the highly relevant and useful information available from those projects, ONEOK aligned the Project Corridor with the previously studied and approved projects.

After selection of a preliminary location for routing the pipeline, ONEOK developed a 1-mile-wide Study Area for analysis and agency consultation (see Sections 5 and 6 for more detail). The shortest route that accomplished the desired impact avoidance and minimization while maximizing co-location efforts served as the baseline for developing the proposed Study Area, Corridor, and Route. This baseline was then evaluated for environmental, engineering, construction, and ROW considerations for further optimization. ONEOK worked with engineering and environmental firms to develop and refine the Route and Corridor within the Study Area. Several factors went into consideration in selecting the pipeline route, including:

- Human – choosing a route to minimize impacts and ensures public safety.
- Environmental – choosing a route to minimize disturbances to biological and cultural resources.
- Constructability – considering terrain and obstacles such as roads, waterbodies, and other utilities to achieve safe and efficient construction.

Importantly, ONEOK also analyzed the viability of prior projects' studies for use in assessing the preferred Route and Corridor in consideration of the NDPSC transmission facility corridor and route criteria in NDAC 69-06-08-02 (Criteria). ONEOK took into account the methodologies and recency of the data from those prior projects and analyzed aerial imagery and recorded easements to determine areas of construction disturbance and location of the installed pipelines. ONEOK also obtained input from the North Dakota State Historic Preservation Office (ND SHPO), North Dakota Game and Fish Department (NDGFD), and U.S. Fish and Wildlife Service (USFWS) regarding ONEOK's methods to identify potential resource issues (e.g., waters, species, or cultural resources) within the Project Corridor, using the prior projects' data and other technical assessments (see Section 5, Exhibit D and Exhibit E).

A Project overview map is included as Exhibit A.1. The location of the Project Corridor and Route is depicted on the aerial maps in Exhibits A.2 – A.4 and has also been filed in electronic shapefile format. A black and white map suitable for publication is provided as Exhibit A.5.



1.5 SIZE AND TYPE OF FACILITY

1.5.1 SIZE

The pipeline will be manufactured according to American Petroleum Institute (API) Specifications API 5L, PSL 2. The Project pipeline specifications are the following:

- 6.625-inch outside diameter steel pipe
- 0.154-inch wall thickness, Grade X-52 or greater
- 0.154-inch wall thickness, Grade X-52 (standard) or greater
- 0.188-inch wall thickness, Grade X-52 (road crossings) or greater
- 0.250-inch wall thickness, Grade X-52 (railroad crossings) or greater
- Maximum operating pressure: 1,480 pounds per square inch gauge (psig)
- Maximum design flow rate: 40,000 barrels per day (bpd)
- Maximum operating temperature: 115 degrees Fahrenheit
- Normal operating conditions: 90 degrees Fahrenheit at 900 psig

1.5.2 TYPE

The proposed Project is a Y-grade NGL transmission pipeline. The steel pipeline will meet applicable U.S. Department of Transportation (USDOT) regulations as outlined in 49 CFR Part 195.

1.5.3 LENGTH

The pipeline Route is approximately 7.6 miles in length and is wholly located in Williams County, North Dakota. Approximately 76 percent of the Route is co-located² with existing or proposed linear infrastructure.

1.5.4 ABOVEGROUND FACILITIES

The Project will include the installation of one new pig launcher, one custody transfer metering skid, and electrical control building at the County Line Plant and one new pig receiver at the Hess Tioga Meter Site. The launcher and receiver facilities will facilitate the introduction of in-line tools for the performance of functions varying from cleaning to integrity monitoring. No new pump stations or mainline valves will be required for the Project at this time.

Refer to Exhibit C for engineering documents and the maps in Exhibit A for locations of aboveground facilities.

² For purposes of this filing, co-location is defined as sections of the Route that are parallel to and within 150 feet of existing linear infrastructure (pipelines, powerlines, roads, railroads, etc.).

2. DESIGN OF THE FACILITY

2.1 CAPACITY

The maximum design flow rate for the Project will be up to 40,000 bpd.

2.2 TECHNOLOGY TO BE DEPLOYED/EMPLOYED

The Project will be designed, constructed, maintained, and inspected to the USDOT Pipeline and Hazardous Materials Safety Administration regulations utilizing industry standards and company policies. The system will be monitored 24 hours a day, 7 days a week, and 365 days a year by trained personnel. Additionally, the system is set up with a monitoring and alarm system that continuously monitors the flow and pressure of the system and readily signifies anything outside normal operating conditions.

2.3 TYPE OF PRODUCT TO BE TRANSMITTED

The Project will transport Y-grade NGL, which is a mixture of ethane, propane, butanes, iso-butane mix, pentanes, and natural gasoline.

2.4 SOURCE OF PRODUCT TO BE TRANSMITTED

The anticipated sources of the NGLs are formations in the Williston Basin.

2.5 FINAL DESTINATION OF PRODUCT

NGLs will be shipped out of North Dakota via other NGL pipeline systems connected to the Project which transport the NGLs to facilities in the Mid-Continent and Gulf Coast for additional processing prior to distribution to various markets.

2.6 WIDTH OF RIGHT-OF-WAY

The temporary construction ROW will be 75 feet wide, of which 50 feet will remain as permanent ROW easements. In certain areas, the permanent easement width may be less than 50 feet depending on negotiations with landowners. The proposed pipeline will generally be installed up to 50 feet offset from existing pipelines with the workspace located adjacent to the existing pipeline permanent easements. This offset distance may vary in isolated areas pending negotiations with other utilities or landowners. In addition to the temporary construction ROW, extra temporary workspace will typically be required adjacent to crossings of roadways, waterbodies, wetlands, or other utilities; horizontal directional drill (HDD) pipe fabrication areas; areas requiring additional trench depth or spoil storage areas; certain pipe bend locations; locations with soil stability concerns or side slope construction; and truck turnarounds or equipment passing lanes.

ONEOK will generally maintain its permanent easement along the entire length of the Project except as restricted by environmental conditions, foreign lines, and landowner agreements. The ROW will be reclaimed to its pre-existing use once construction is complete. ONEOK has designed and located extra temporary workspaces outside of sensitive environmental resources to the extent possible.



2.7 REQUIREMENT FOR AND GENERAL LOCATION OF ANY NEW ASSOCIATED FACILITIES

The Project will include one pig launcher facility, one pig receiver facility, one custody transfer metering skid, and one electrical control building. The pig launcher and receiver facilities will facilitate the introduction of in-line tools for the performance of functions varying from cleaning to integrity monitoring.

2.8 ESTIMATED DISTANCE BETWEEN SURFACE STRUCTURES FOR PIPELINE FACILITIES

Surface structures associated with the Project are located at the beginning and end points of the pipeline, as described in Section 1.5.4. No valves will be installed along the pipeline. The location of surface structures to be developed for the Project is provided in Table 2 below. Typical engineering drawings for these facilities are provided in Exhibit C.

TABLE 2 LOCATION AND DESCRIPTION OF ABOVEGROUND FACILITIES

Description	Section	Township	Range
Launcher	24	158N	95W
Custody Transfer Metering Skid	24	158N	95W
Electrical Control Building	24	158N	95W
Receiver	23	157N	95W

2.9 MAXIMUM DESIGN OPERATING PRESSURE AND TEMPERATURE FOR PIPELINE FACILITIES

The maximum operating pressure for the pipeline is 1,480 psig and the maximum operating temperature is 115 degrees Fahrenheit. Under normal operating conditions the pipeline will operate at a summertime temperature of 90 degrees Fahrenheit and 900 psig.

2.10 MAXIMUM DESIGN FLOW RATE FOR PIPELINE FACILITIES

The maximum design flow rate for the Project will be up to 40,000 bpd. The pipeline is designed for a maximum flow of 40,000 barrels per day. Meter equipment installed will allow for a maximum flow rate of 9,000 barrels per day.

2.11 NUMBER AND GENERAL LOCATION FOR COMPRESSOR OR PUMPING STATIONS

No new compression or pumping stations will be installed for this Project.

2.12 ESTIMATED TOTAL COST OF CONSTRUCTION

ONEOK will invest approximately \$13 million in North Dakota to develop this Project. Once constructed and in-service, the continued costs of maintenance and operation of the proposed pipeline are relatively minimal.

2.13 DESCRIPTION OF ROW PREPARATION, CONSTRUCTION AND RECLAMATION PROCEDURES

Pipeline construction occurs in a linear fashion and, at any one time during the Project, any of the following activities may occur. The typical sequence of construction activities for the Project is as follows:

- Staking the workspace boundaries and utilities;
- Clearing of construction area;
- Installing temporary erosion and sediment controls;
- Grading and stump removal, if necessary;
- Segregation of topsoil, where necessary;
- Pipe delivery, bending, and welding;
- Trenching;
- Pipe installation;
- Backfilling excavations;
- Cleanup and final grading;
- Soil compaction treatment, where necessary;
- Stone removal, where necessary;
- Final restoration; and
- Upon final stabilization, removal of temporary erosion and sediment controls.

Rough and final grading includes restoring disturbed areas as near as practicable to pre-construction conditions, returning the topsoil where topsoil has been stripped, preparing a seedbed (where applicable) for permanent seeding, installing, or repairing temporary erosion and sediment control measures, repairing/replacing fences, and installing permanent erosion and sediment controls. Pre-existing landowner soil conservation improvements and structures disturbed by pipeline construction will be restored to the approximate pre-construction line and grade.

ONEOK has developed a Revegetation Plan for the Project to provide procedures to be followed during the revegetation of areas disturbed as a result of construction (see Section 9 for more information). In areas of cultivated cropland, the land will be returned to its original land use as soon as practicable following construction. ONEOK will perform baseline soils and topsoil depth surveys to support construction design and restoration and revegetation efforts. ONEOK plans to complete these surveys prior to construction in August 2025, pending favorable weather conditions. Additionally, ONEOK will comply with applicable permit conditions and landowner agreements.



2.14 LANDOWNER NOTIFICATION, EASEMENT ACQUISITION, AND COMPENSATION

ONEOK is in the process of negotiating easement agreements with landowners to give the company the right to construct, operate, and maintain the pipeline along a specified portion or corridor of each landowner's property in return for monetary compensation. ONEOK will obtain a permanent pipeline easement with an additional temporary easement during construction. When applicable, ONEOK will offer additional compensation for damages resulting from pipeline construction, such as the loss of crops.

The refinement of the route may include adjustments made per landowner requests. ONEOK, at all times, negotiates in good faith and necessary easement conditions and restrictions are presented and discussed.

3. SCHEDULE

3.1 OBTAINING CERTIFICATE OF CORRIDOR COMPATIBILITY

ONEOK seeks a Certificate of Corridor Compatibility by or before August 1, 2025.

3.2 OBTAINING ROUTE PERMIT

ONEOK seeks a Route Permit by or before August 1, 2025.

3.3 COMPLETING ROW ACQUISITION

ONEOK anticipates completing ROW acquisition in July 2025.

3.4 STARTING CONSTRUCTION

ONEOK plans to begin construction on the Project upon receipt of regulatory approval and applicable permits in August 2025.

3.5 COMPLETING CONSTRUCTION

Completion of construction is anticipated to occur in November 2025.

3.6 TESTING OPERATIONS

Testing of the pipeline and facilities is expected to be conducted in November or December 2025.

3.7 COMMENCING OPERATIONS

The in-service date for the Project is anticipated to be in November or December 2025.

4. ALTERNATIVES

4.1 ALTERNATIVES TO THE PROPOSED FACILITY

Construction of the proposed Project will provide firm, reliable service for up to 40,000 bpd of NGL take-away capacity from the County Line Plant to an interconnect with ONEOK's Tioga Lateral Launcher at the Tioga Meter Site. The products will be delivered to the Mid-Continent and Gulf Coast for additional processing. ONEOK identified and evaluated several Project alternatives; however, none of these alternatives effectively satisfied the Project objective. These alternatives included:

- No Action Alternative;
- Trucking Transportation Alternative; and
- Rail Transportation Alternative.

4.1.1 NO ACTION ALTERNATIVE

The primary objective of the Project is to provide take-away capacity for the NGLs produced at the County Line Plant. Under the No Action alternative, the Project will not be constructed, and the County Line Plant could not effectively process, and transport gas produced in the region. Currently the County Line Plant uses trucks to transport NGLs, with approximately 10 trucks transporting daily. Under the No Action Alternative, truck traffic will continue to provide NGL transportation from the County Line Plant.

To operate the County Line Plant at a higher capacity, and meet the forecasted processing demands of the region, additional truck transportation or pipeline take-away will be needed (see Section 1.1).

A No Action Alternative will leave the region constrained by limited processing and transport capacity for safe and reliable transmission of NGL products to markets. The No Action Alternative does not meet the commercial needs of ONEOK and does not serve the industry and public at large. For these reasons, ONEOK rejected the No Action Alternative.

4.1.2 TRUCKING TRANSPORTATION ALTERNATIVE

A Trucking Transportation Alternative was reviewed and rejected due to the volumes of NGLs that will be produced from County Line Plant. The average load for an NGL truck is approximately 10,000 gallons per truck. The plant currently produces more than 2,500 bpd, or 10 trucks per day, and anticipates producing even greater volumes. Thus, the Project could alleviate numerous trucks per day from being loaded at the County Line Plant and unloaded at another facility capable of accepting the NGLs for transport.

This level of truck activity will cause significant amounts of heavy vehicle traffic for the area residents, as well as additional wear and tear on infrastructure. Further, any disruption in the trucking capacity due to seasonal load restrictions on roads, inclement weather, or road repairs could result in a plant shutdown and flaring of gas production. For these reasons, ONEOK rejected the Trucking Transportation Alternative.



4.1.3 RAIL TRANSPORTATION ALTERNATIVE

A Rail Transportation Alternative would require the design and construction of rail car loading and offloading facilities, lateral service lines, and ancillary facilities necessary to support the requisite volumes of NGLs, requiring land acquisition and permanent conversion of agricultural land to industrial. Use of rail would require a completely different project design than that currently proposed for the Project.

While rail tanker cars are a vital part of the short-haul distribution network for NGLs, pipelines are a more reliable, safe, and economical alternative for the large volumes to be transported and long distances to be covered by the Project. As such, the Rail Transportation Alternative is not considered a viable alternative and was rejected.

4.2 ROUTE/SEGMENTS ALTERNATIVES

ONEOK has conducted a thorough analysis of the Project Corridor. The purpose of this analysis was to confirm that the proposed Project Corridor is suitable and will cause minimal environmental impacts, thus conforming to the NDPSC Criteria. The development of the preferred location of the Project Corridor is discussed in Section 1.4. Once a preferred Project Corridor was selected, routes outside the Corridor were not considered further.

In conjunction with these efforts, ONEOK studied routing alternatives based upon criteria as discussed in Section 1.4. In support of ONEOK's route selection within the Project Corridor, analysis was conducted to:

1. definitively identify any potential resource issues (e.g., wetlands, waterbodies, protected species, critical habitats, or cultural resources) within the Project Corridor; and
2. provide the baseline data necessary to prescribe alternative routing or mitigation as necessary to minimize environmental impacts.

Notably, in developing a route compatible with the NDPSC Criteria, ONEOK utilized the results of field studies conducted for prior-approved, co-located facilities referenced in Section 1.4, other available publications and data, and input from regulatory agencies (see Section 6). In aggregate, those recently approved projects provided directly relevant and useful studies for the Route. Minor Route alternative shifts within the Project Corridor were considered during engineering and design to maintain workspaces and installation that is appropriate and safe collocation with existing pipelines and avoid impacts to natural and cultural resources and NDPSC Criteria.

The Route begins on the northern end in Township 158N, Range 95W, Section 24 at the County Line Plant. The Route generally moves to the south, terminating in Township 157N, Range 95W, Section 23 at a planned interconnection with the Hess Tioga Meter Site. ONEOK has chosen this Project alignment to meet landowner requests, maximize collocation, and minimize impacts on environmental features. ONEOK co-located 5.8 miles (76 percent of the Route) with existing utilities or other linear infrastructure (roads, railroads, etc.) and sited the Route entirely within corridors studied recently for other development projects referenced in Section 1.4. The resulting Route meets the Project's objectives while conforming to the NDPSC Criteria.



5. ENVIRONMENTAL STUDIES

ONEOK defined its Study Area as a 1-mile-wide corridor generally centered on the pipeline centerline. Data was collected for the Study Area and used to evaluate the Project Corridor, which included data available from state and federal agency databases, inclusive of GIS data and aerial imagery; peer-reviewed articles and internet research; survey and impact assessment data from prior-approved projects referenced in Section 1.4; and input from agencies with appropriate technical expertise, inclusive of the agencies listed in NDAC 69-06-01-05 (see Section 6 and Exhibit F).

5.1 CULTURAL RESOURCES

On behalf of ONEOK, Metcalf Archaeological Consultants (Metcalf) conducted a Class I cultural resources literature review of records from the ND SHPO for a 1-mile area surrounding the Route to identify previously completed cultural resource investigations and recorded cultural resources, including findings of previous surveys and archaeological and historic structure files. The Project Corridor and Route are 98 percent located entirely within previously surveyed areas, and the remaining 2 percent of the Corridor has been previously disturbed by past infrastructure construction, such that cultural resources of significance and unevaluated resources will be avoided. The standards of the National Register of Historic Places (NRHP) are used in North Dakota to differentiate those sites which are considered exclusion or avoidance areas (i.e., eligible, not evaluated for inclusion on the NRHP) from those which are not considered exclusion or avoidance areas.

The Class I literature review identified 113 previously recorded cultural resources within 1-mile mile of the Project Route. Of these, one site has been recommended as eligible for listing on the NRHP: the Great Northern Railroad. However, the individual railroad crossing is not considered eligible, and no avoidance is recommended. Within the Class I review area, a total of 27 sites were identified that are considered sensitive sites and should be avoided, and 65 sites that are unevaluated regarding their NRHP eligibility. Metcalf identified 62 previous cultural resource inventories that have been conducted within the 1-mile area reviewed, 17 of which overlap or intersect the proposed Project Corridor.

Within the Project Corridor, the review identified a total of 9 archaeological sites, 1 isolated find, and 6 cultural heritage sites. The status of these sites is either unevaluated or not eligible for listing on the NRHP. The Route does not directly cross any of the sites or their recommended avoidance buffers. ONEOK consulted with the ND SHPO to confirm implementing an avoidance buffer around the sites and placing workspace outside this buffer will avoid impacts to historic properties. In addition, ONEOK will place fencing along the edge of the workspace where working in the vicinity of the sites.

ONEOK and Metcalf engaged the ND SHPO regarding the survey coverage, the identified resources, and the proposed avoidance measures (see Section 6.8 and Exhibit F). The ND SHPO concurred with ONEOK's findings that the Project will not adversely affect historic or archaeological resources, cultural heritage sites, markers, or monuments if the avoidance measures were implemented around the identified sites. ONEOK understands that details and



locations of cultural resources are considered privileged; as such, these features are not displayed on the enclosed maps with this application.

5.2 WETLAND AND WATERBODY

Wetland and waterbody determinations were conducted using the criteria and Level I methods outlined in the United States Army Corps of Engineers (USACE) 1987 Wetlands Delineation Manual (USACE, 1987), along with the USACE Regional Supplement for the Great Plains (USACE, 2012). The Level I methodology includes review of U.S. Geological Survey (USGS) quadrangle maps, the USFWS National Wetland Inventory maps, soil surveys, aerial photography, and other available data sources. The Level I Delineation Report is provided in Exhibit D. Mapping of wetlands and waterbodies within the Project Corridor are included in the Selection Criteria maps in Exhibit A.4. A summary of the delineated features and anticipated impacts is provided in Table 3 below.

TABLE 3 SUMMARY OF DELINEATED WETLANDS AND WATERBODIES¹

Component	Palustrine Emergent Wetland	Palustrine Open Water	Palustrine Scrub Shrub	Waterbody (Perennial)	Waterbody (Intermittent)	Waterbody (ephemeral)
Number of features in Corridor	33	0	0	0	2	0
Number of features crossed by Route	4	0	0	0	2	0
Acreage of features crossed by Route ²	27.4	0.0	0.0	0.0	2.6	0.0

¹ All wetlands and waterbodies will be restored to pre-construction conditions following construction activities. Refer to Section 9 for more information on construction and restoration plans.

² ONEOK is currently finalizing crossing methods for each feature. The acreage presented in this table assumes a scenario where all features will be open cut.

ONEOK will implement appropriate minimization and mitigation measures at these features, which may include avoidance (e.g., workspace modification or HDD) or use of construction mats and other best management practices (BMPs) to minimize impacts when working in or around wetlands and waterbodies. Refer to the Project maps in Exhibit A.4 for the location of each feature and Sections 7.3.2 and 9.0 for information regarding additional minimization measures.

5.3 THREATENED OR ENDANGERED, UNIQUE OR RARE PLANT OR ANIMAL SPECIES, AND THEIR HABITAT

The potential for threatened or endangered, unique or rare plant or animal species, and their habitat to occur within the Project Corridor was analyzed as described in the Habitat Review Report included in Exhibit E, and in the technical assistance request correspondence between ONEOK and the USFWS and, separately, with the NDGFD (see Exhibit F). In addition, ONEOK met with the USFWS and NDGFD to discuss ONEOK’s habitat review using available data combined



with measures to avoid and minimize impacts to protected species that have potential to occur within the Project Corridor.

To minimize potential impacts on wildlife and protected species resulting from pipeline construction activities as well as operation and maintenance activities, ONEOK has developed general conservation measures to be employed on the Project. Conservation measures include timing construction activities to occur outside of migratory bird nesting season (April 15 to June 31) and the Dakota skipper flight period (June 12 through July 15). Species-specific conservation measures are discussed in Sections 5.3.1 through 5.3.3. ONEOK will provide pre-construction environmental training to all ONEOK and contractor personnel whose activities may impact the environment during pipeline and facility construction. As part of this training, ONEOK will provide information on proper identification of whooping cranes and red knots and on correct procedures regarding a sighting. See Section 9.1 for more information on ONEOK's environmental training plan.

ONEOK will also retain an environmental inspector (EI) to verify that environmental protection measures, permit conditions, and other specifications are implemented appropriately by the contractor during Project construction, including conservation measures associated with threatened and endangered species. The EI will have stop-work authority to enforce provisions of federal, state, and local regulations and the provisions and requirements of other applicable permits. Additionally, ONEOK will adhere to post-construction restoration and revegetation procedures prescribed by applicable permit conditions to minimize erosion during operation and maintenance of the pipeline. ONEOK will comply with applicable federal, state, and local rules and regulations, and take appropriate precautions to protect against environmental degradation.

5.3.1 FEDERALLY PROTECTED SPECIES REVIEW

A review of the USFWS Endangered Species Information, Planning, and Conservation System website (USFWS, 2025) was conducted to determine the potential for listed species and critical habitat that may be present within the Study Area. Details regarding the federally protected species potentially occurring within the Study Area are provided in the Habitat Review Report included in Exhibit E.

Table 4 provides a summary of protected species potentially occurring within the Study Area. A brief description of each species and their preferred habitat is also provided below. Project-based conservation measures to minimize potential environmental effects to listed species are included in Section 5.3. A summary of ONEOK's consultations with USFWS with respect to federally listed threatened and endangered species is included in Section 6.1 and in Exhibit F.

TABLE 4 **FEDERALLY LISTED SPECIES POTENTIALLY OCCURRING IN THE STUDY AREA**

Scientific Name	Common Name	Status
<i>Charadrius melodus</i>	Piping Plover	Threatened
<i>Calidris canutus rufa</i>	Rufa Red Knot	Threatened
<i>Grus americana</i>	Whooping Crane	Endangered
<i>Hesperia dacotae</i>	Dakota Skipper	Threatened
<i>Danaus plexippus</i>	Monarch Butterfly	Proposed Threatened
<i>Bombus suckleyi</i>	Suckley's Cuckoo Bumble Bee	Proposed Endangered
<i>Argynnis idalia occidentalis</i>	Western Regal Fritillary	Proposed Threatened

5.3.1.1 PIPING PLOVER

Piping plovers are small shore birds that nest on sandbars in rivers and sandy beaches bordering lakes and reservoirs. The Great Plains population of piping plovers are annual migrants; the species overwinters on the Gulf coast and migrates to summer nesting areas in the central United States and southern Canada. The species arrives in North Dakota in mid-April and remains until late August. Piping plovers utilize wide, sparsely vegetated beaches and barren river sandbars, as well as the salt encrusted mud flats and/or gravelly salt flats and adjacent uplands 200 feet above the high-water mark of alkali lakes and wetlands in the Great Plains for nesting, foraging, sheltering, brood-rearing, and dispersal (USFWS, 2016).

Critical habitat has been designated for the piping plover in Williams County; however, the Project Corridor does not intersect with designated critical habitat for the species. The nearest designated critical habitat for the piping plover is associated with the Missouri River/Lake Sakakawea reservoir, approximately 12 miles east of the Project area (National Park Service [USNPS], 2024). The Project will have no impact on designated critical habitat. Suitable foraging and nesting habitat for piping plover was not identified in the Project Corridor and no impacts are anticipated.

5.3.1.2 RUFA RED KNOT

The rufa red knot is a large sandpiper noted for its long-distance migration between summer breeding grounds in the Arctic and wintering areas at high latitudes in the Southern Hemisphere. Some red knots wintering in the northwestern Gulf migrate through interior North America during both spring and fall and use stopover sites in the Northern Great Plains. The species relies heavily on exposed substrate at wetland edges for stopover habitat; the suitability of a wetland for red knots depends on water levels and may vary annually (USFWS, 2023a).

The red knot is not a resident of North Dakota; the species is an infrequent migrant during annual migration (May 15 to June 15). The number of migrating shorebirds documented in the interior can vary dramatically due to high inter-annual availability in water levels and habitat quality at mid-continental wetlands. No critical habitat has been designated for the red knot in North Dakota.

Project activities are not anticipated to occur during the red knot annual migration. If Project activities occur between May 15 and June 15, the general Project-based conservation measures discussed in Section 5.3 will minimize potential impacts on rufa red knot individuals and habitat. In addition to these general Project-based conservation measures, the following species-specific conservation measures will be implemented, as needed. If a rufa red knot is sighted by ONEOK's contractor or EI within 0.6 miles of the construction workspace during construction, or if the USFWS notifies ONEOK of a rufa red knot sighting within 0.6 miles of the construction workspace, construction activities will cease until the individual(s) have left the area. Sightings by ONEOK's contractor or EI within the construction workspace will be immediately reported to the USFWS and the NDGFD. To avoid long-term impacts on the rufa red knot's migratory stopover habitat, wetlands crossed by the Project will be restored to preconstruction conditions. With these conservation measures in place, Project activities are not expected to impact the rufa red knot.

5.3.1.3 WHOOPING CRANE

Whooping cranes embark on a bi-annual migration from summer nesting and breeding grounds in Wood Buffalo National Park in northern Alberta to the barrier islands and coastal marshes of the Aransas National Wildlife Refuge (NWR) on the Gulf Coast of Texas (USFWS, 2024). Twice yearly in the spring and fall, the cranes migrate along the Central Flyway, a migratory corridor approximately 220 miles wide and 2,400 miles in length that includes eastern Montana and portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and eastern Texas. During the migration, cranes make numerous stops, roosting in large shallow marshes, and feeding in harvested grain fields (USFWS, 2024).

In North Dakota, the whooping crane is not present year-round; they are only present during the bi-annual migration between winter grounds and summer nesting sites (i.e., late April to June 15 and September 15 to November 15). As such, the species cannot be confirmed as present in or absent from the Project Corridor. However, the Project Corridor falls within the 95 percent migration corridor (i.e., the 220-mile band where 95 percent of all whooping crane sightings have occurred [USFWS, 2024]), and suitable stopover habitat (i.e., open landscape wetlands and croplands) is present in the vicinity of the Project.

Construction activities have the potential to impact individual whooping cranes. Specifically, if construction takes place during the species' migration period, human presence or noise from construction activities and equipment may cause migrating whooping cranes to startle and flush from wetlands or fields and/or to divert from the area.

The general Project-based conservation measures discussed in Section 5.3 will minimize potential impacts on whooping crane individuals and habitat. In addition to these general Project-based conservation measures, the following species-specific conservation measures will be implemented, as appropriate. If a whooping crane is sighted by ONEOK's contractor or EI within 500 feet of the construction workspace during construction or if the USFWS notifies ONEOK of a whooping crane sighting within 0.25 miles of the construction workspace, construction activities will cease until the individual(s) have left the area. Whooping crane sightings by ONEOK's contractor or EI will be immediately reported to the USFWS and NDGFD. To avoid long-term impacts on whooping crane

migratory stopover habitat, if wetlands are crossed using open trench methods by the Project, these features will be restored to pre-construction conditions. With these conservation measures in place, adverse impacts on whooping cranes are not expected.

5.3.1.4 DAKOTA SKIPPER

The Dakota skipper is a small-to-medium sized butterfly characterized by a short, sturdy body and a quick, skipping flight. The species is an obligate of high-quality prairie habitat (i.e., grasslands or discrete patches of habitat within a grassland that are predominantly native and that have not been tilled). The species does not thrive in heavily grazed or cultivated areas. Adults emerge in mid-June, feeding on the nectar of flowering native forbs; harebell, wood lily, and purple coneflower are common components of their diet. Larvae of the Dakota skipper feed on grasses, favoring little bluestem. The species overwinters at the base of grasses in the soil of the site which they inhabit. In North Dakota, the Dakota skipper typically occupies both wet-mesic and dry-mesic prairie. Grasslands dominated by exotic, invasive, or introduced plant species, or are low diversity grasslands, are unlikely habitat for Dakota skipper. High quality, high diversity, unbroken native prairie may provide appropriate habitat for Dakota skipper (NatureServe, 2025; USFWS, 2021a). No critical habitat has been designated for the Dakota skipper in Williams County.

An analysis for potential habitat for the Dakota skipper was completed within the Project Corridor, and identified unbroken grassland which may provide suitable habitat for the Dakota skipper in the Project Corridor. To prevent impacts to potentially suitable habitat and individuals, surface construction impacts across parcels of grasslands will be limited to previously disturbed areas, such as established pipeline corridors operated by third parties, wherever possible. In areas of potentially suitable habitat where construction within a previously disturbed area is not practicable, ONEOK will utilize HDD to bore under the habitat and avoid surface disturbance. Ground disturbing activities such as vehicle/equipment traffic, digging, grading, trenching, soil compaction, etc. will be avoided within the potential Dakota skipper habitat areas above the HDD; only foot traffic will be permitted in these areas. Additionally, construction activities are not anticipated to occur during the Dakota skipper flight period (June 12 through July 15). By implementing these measures, project activities will not result in unauthorized take of Dakota skippers. The full results of the habitat assessment are discussed in the Habitat Review Report provided as Exhibit E and correspondence with the USFWS is provided as Exhibit F.

5.3.1.5 MONARCH BUTTERFLY

The monarch butterfly migrates across North Dakota. Habitat for the monarch butterfly can include a variety of landscapes where milkweed (*Asclepias* spp.) and nectar plants are present. Adult monarchs feed on the nectar of many flowers and lay their eggs on milkweed, the larvae caterpillar's only food source (USFWS, 2023b). The pipeline right-of-way will be returned to preconstruction conditions; therefore, impacts on potential habitat is anticipated to be short-term during construction and loss of habitat for monarchs post-construction is not anticipated.

5.3.1.6 SUCKLEY'S CUCKOO BUMBLE BEE

The Suckley's cuckoo bumblebee can be found in prairies, grasslands, meadows, woodlands, and agricultural and urban areas. The species is a social parasite that depends on the nests of other bumble bee species during the nesting season. The species has experienced rapid population decline and there have been no recent reports of the species in North Dakota, although the state is within its historic range. The last confirmed sighting of the species was in Oregon in 2016.

Desktop analysis identified grasslands which may be suitable habitat for the Suckley's cuckoo bumblebee. Due to the lack of recent sightings of the species, and the Project-based conservation measures, adverse impacts on the Suckley's cuckoo bumblebee are not expected.

5.3.1.7 WESTERN REGAL FRITILLARY

The western regal fritillary is a butterfly typically found in tallgrass prairie remnants and other native prairie habitats. Regal fritillary adults rely on native nectar plants while larvae rely exclusively on native violets as a food source. All life stages are dependent on native warm season grasses which act as protective sites. This species tends to remain within the boundaries of prairie habitats and viable populations are typically found in large 120-acre to 240-acre grasslands with some dispersal into remnant habitat. In North Dakota, the regal fritillary can be found state-wide in areas of quality habitat, with the southeast corner of the state provided the majority of the remaining habitat.

Desktop analysis identified grasslands which may provide suitable habitat for the regal fritillary within the Project Corridor. The general Project-based conservation measures discussed in Section 5.3 will minimize potential impacts on regal fritillary individuals and habitat. In addition to these general Project-based conservation measures, the conservation measures outlined for Dakota skipper will also significantly avoid and minimize potential impact to western regal fritillary. Following construction, the workspace will be returned to pre-construction conditions to the extent possible and revegetated with appropriate native seed mixtures in grasslands and wetlands. With these conservation measures in place, adverse impacts on Regal Fritillary are not expected.

5.3.2 MIGRATORY BIRD TREATY ACT

Migratory birds are protected under the Migratory Bird Treaty Act (MBTA), which prohibits the taking of any migratory bird, or a part, nest, or eggs of any such bird, except under the terms of a valid permit issued pursuant to federal regulations. The MBTA prohibits the "take" of individual birds, their eggs and chicks, and active nests. For purposes of the MBTA, "take" is defined as "to pursue, hunt, shoot, wound, kill, trap, capture, or collect, or attempt to pursue, hunt, wound, kill, trap, capture, or collect" (50 CFR 10.12). The USFWS clarified in a final rule published October 4, 2021, that incidental take is prohibited under the MBTA (USFWS, 2021b).

Stopover habitat for migratory birds during migration and breeding seasons typically include wetlands, as well as grasslands, prairies, and forested upland. North Dakota is the northern terminus for migration of several species of migratory shore birds, and nesting habitat includes native grasslands, shorelines along rivers and lakes, and sparsely vegetated wetlands.



Desktop analysis confirmed that suitable nesting habitat for migratory birds is present within the Project Corridor or within line-of-site of the Project Corridor; refer to Level I Delineation Report and Habitat Review Report provided as Exhibit D and Exhibit E, respectively. However, construction activities are not anticipated to occur within the nesting season (bald eagles: February 1 to July 15, grassland ground-nesting birds: May 1 to July 15). Should clearing and grading activities occur during the nesting season, ONEOK will develop and implement a Migratory Bird Conservation and Compliance Plan and outline BMPs to be implemented to avoid and minimize take of migratory birds.

Prior to initiating pre-clearing activities and construction, ONEOK will also conduct environmental training for company and contractor supervisory personnel.

5.3.3 BALD AND GOLDEN EAGLE PROTECTION ACT

Bald and golden eagles are protected by both the MBTA and the Bald and Golden Eagle Protection Act (BGEPA). The BGEPA prohibits the take of a bald or golden eagle adults, juveniles, or chicks including their parts, nests, or eggs without a permit. Take is defined by the BGEPA as to pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, molest, or disturb. The BGEPA also addresses impacts resulting from human-induced alterations occurring around previously used nesting sites.

Desktop analysis did not identify habitat for bald or golden eagles in the Project Corridor. In addition, the NDGFD database was queried through consultation with the agency, confirming that no known eagle nests are within 0.5-mile of the Project (see Exhibit F).

If an eagle nest is identified prior to construction, ONEOK will determine if the nest is active, employing the USFWS protocol for determining occupancy. If nests are active, ONEOK will employ the USFWS recommended measures to prevent impacts to nesting eagles. In open areas where there is little or no forested or topographical buffers, the USFWS recommends maintaining a 660-foot buffer between Project activities and the eagle nest. A smaller buffer may be appropriate in areas where a landscape buffer or natural areas shield the nest from Project activities. ONEOK will work with the USFWS to determine the appropriate buffer distance buffer and/or timing restriction to prevent disruption to nesting eagles if found within 660 feet of the Project.

A summary of ONEOK's consultation with USFWS and NDGFD with respect to the eagles is included in Exhibit F.

5.4 TREE/SAPLING/SHRUB INVENTORY

ONEOK plans to conduct a formal tree and shrub inventory prior to construction in Summer 2025. The tree and shrub inventory results will be finalized in a separate report and will record the pre-construction status of these resources, which will form the baseline for restoration and mitigation reconciliation.

ONEOK anticipates authorization of the Project will require all trees and shrubs that are removed to be replaced at a 2:1 ratio. ONEOK will submit its tree and shrub inventory and proposed mitigation plan upon completion.



5.5 NOXIOUS WEEDS

The Federal Noxious Weed Act of 1974 established a federal program to control the spread of noxious weeds. The U.S. Secretary of Agriculture was given the authority to declare plants "Noxious Weeds" and limit the interstate spread of such plants without a permit. North Dakota law (NDCC Section 4.1-47-02) requires every person to do all things necessary and proper to control the spread of noxious weeds and makes it illegal for any person to distribute, sell, or offer for sale within the state a noxious weed.

The North Dakota Department of Agriculture (NDDA) lists 13 species of noxious weeds and invasive species (NDDA, 2019). In addition to the NDDA noxious weed and invasive species list, localized weed boards within each county manage noxious weeds and invasive species and may develop a list of additional weeds for enforcement within their jurisdiction. Williams County has designated one additional species as a noxious weed (refer to Table 5).

TABLE 5 STATE AND COUNTY LISTED NOXIOUS WEEDS

Common and Scientific Name	State of North Dakota	Williams County
Absinth wormwood (<i>Artemisia absinthium</i>)	X	X
Canada thistle (<i>Cirsium arvense</i>)	X	X
Dalmatian toadflax (<i>Linaria dalmatica</i>)	X	X
Diffuse knapweed (<i>Centaurea diffusa</i>)	X	X
Houndstongue (<i>Cynoglossum officinale L.</i>)	X	X
Leafy spurge (<i>Euphorbia esula</i>)	X	X
Musk thistle (<i>Carduus nutans</i>)	X	X
Narrowleaf hawksbeard (<i>Crepis tectorum</i>)		X
Palmer amaranth (<i>Amaranthus palmeri</i>)	X	X
Purple loosestrife (<i>Lythrum salicaria</i>)	X	X
Russian knapweed (<i>Acroptilon repens</i>)	X	X
Saltcedar (<i>Tamarix chinensis</i>)	X	X
Spotted knapweed (<i>Centaurea maculosa</i>)	X	X
Yellow toadflax (<i>Linaria vulgaris</i>)	X	X

Source: NDDA, 2019; Williams County, 2018

It is ONEOK's intent to minimize the potential introduction and/or spread of invasive species and noxious weeds along its construction ROW during pipeline construction activities and the revegetation timeframe. However, it is not practicable for ONEOK to eradicate undesirable species that are adjacent to its ROW. ONEOK will minimize the potential for the establishment of undesirable species by minimizing the time duration between final grading and permanent seeding.

ONEOK will also require that construction equipment be cleaned before arriving at construction workspaces to prevent the introduction of undesirable species to the Project area. ONEOK has contacted the Williams County Weed Board about the Project (see Section 6.16 for more information).



6. AGENCY NOTIFICATIONS AND PERMITTING

In February 2025, ONEOK initiated consultation and coordination with federal, state, and local agencies requesting review of a 1-mile study area surrounding the Project.³ Letters and/or emails were submitted with accompanying maps of the Project (see Exhibit F). Shapefiles of the Project centerline and Study Area were provided via email, as requested. Since the consultation requests were submitted, ONEOK has incorporated some minor route deviations; however, all these changes were well within the 1-mile Study Area provided.

A summary of these consultations is provided in Table 6 and further details on each consultation are included in the following sections. A table summarizing the current state of environmental permits required for the Project is included as Exhibit G.

TABLE 6 SUMMARY OF AGENCY CORRESPONDENCE

NDAC 69-06-01-05^a	Agency^b	Submittal	Response Date	Summary of Response
1	Aeronautics Commission	2/20/2025	Pending	
2	Attorney General	2/20/2025	Pending	
3	United States Department of Agriculture	2/20/2025	4/21/2025	Farm Service Agency provided CRP location.
3	North Dakota Department of Agriculture	2/20/2025	Pending	
4	State Department of Health	2/20/2025	Pending	
5	Department of Human Services	2/20/2025	Pending	
6	Department of Labor and Human Rights	2/20/2025	Pending	
7	Department of Career and Technical Education	2/20/2025	Pending	
8	Department of Commerce	2/20/2025	Pending	
9	Energy Infrastructure and Impact Office	2/20/2025	Pending	

³ Consultation letters and emails were submitted on behalf of ONEOK by environmental consultant (Environmental Resources Management or "ERM"). Some follow-up agency discussions were between agency staff and ERM.



NDAC 69-06-01-05^a	Agency^b	Submittal	Response Date	Summary of Response
10	North Dakota Game and Fish Department	3/12/2025	3/18/2025 4/4/2025	No known bald or golden eagle nests within 0.5 miles of the Project area. The Project is not anticipated to have adverse effects on wildlife or wildlife habitat. BMPs encouraged regarding prairies, wetlands, and raptor nests.
11	Industrial Commission	2/20/2025	Pending	
12	Governor's Office	2/20/2025	Pending	
13	Department of Transportation	2/20/2025	3/12/2025	Project will have no adverse effect on NDDOT highways. If work on the highway right-of-way is necessary due to the Project, ROW permits, and risk management documents will be required.
14	North Dakota State Historic Preservation Office	3/12/2025 3/18/2025	3/13/2025 3/18/2025 4/3/2025	Cultural sites should be avoided through the use of fencing and recommended buffer distances between sites and construction.
15	Indian Affairs Commission	2/20/2025	Pending	
16	Job Service North Dakota	2/20/2025	Pending	
17	North Dakota Department of Trust Lands – Minerals Management and School/Surface Trust	2/20/2025	3/12/2025	Acknowledgment of Project application and commitment to coordinating agreements with North Dakota Department of Trust Lands ROW.
18	North Dakota Parks and Recreation Department (NDPRD)	2/20/2025	3/6/2025	Project will not affect species of concern or properties owned or protected by NDPRD.

NDAC 69-06-01-05 ^a	Agency ^b	Submittal	Response Date	Summary of Response
19	Natural Resources Conservation Service	2/21/2025	3/5/2025	Response outlining farmland protection and wetland preservation obligations.
20	State Water Commission (now known as North Dakota Department of Water Resources)	2/20/2025	3/17/2025	No immediate permitting needed. Request for ONEOK to work with the agency and keep them informed.
21	United States Department of Defense	2/20/2025	Pending	
22	United States Fish and Wildlife Service	3/12/2025	3/13/2025 4/2/2025	One parcel identified by USFWS with two wetlands that may be impacted. Request to avoid or bore. No further concerns from USFWS for incidental take to federally listed species.
23	USACE	2/20/2025	2/28/2025	Provided information on USACE Section 404 Permits.
24	Federal Aviation Administration	2/20/2025	Pending	
25	County Commission Williams County Board of Commissioners	2/20/2025	Pending	
25	County Commission Williams County Planning and Zoning	2/20/2025	Pending	
25	Williams County Water Resource District	2/20/2025	3/20/2025	No comments relating to the Project.
25	County Commission Williams County Weed Control Board	2/20/2025	Pending	
25	Williams County Tioga Township	2/20/2025	Pending	
25	Williams County Lindahl Township	4/14/2025	Pending	



NDAC 69-06-01-05^a	Agency^b	Submittal	Response Date	Summary of Response
25	Williams County City of Tioga	2/20/2025	3/5/2025	No concerns or permits needed from the City of Tioga.
26	North Dakota Transmission Authority	2/20/2025	2/20/2025	Expressed support and appreciation of Project.
27	North Dakota Pipeline Authority	2/20/2025	Pending	
28	Department of Environmental Quality	2/20/2025	3/14/2025	Outlined BMPs.
29	North Dakota Geological Survey	2/20/2025	3/5/2025	No noted geologic concerns within the proposed Project Corridor.
30	North Dakota Forest Service	2/20/2025	Pending	
31	Federal Bureau of Land Management	2/20/2025	2/25/2025	Bureau of Land Management managed lands not involved – no further comments.
32	Military Aviation and Installation Assurance Siting Clearinghouse	2/20/2025	Pending	
33	Twentieth Airforce Ninety-First Missile Wing	2/20/2025	2/21/2025	No assets in the Project area.
34	Minot Air Force Base	2/20/2025	2/21/2025	No assets in the Project area.
35	Grand Forks Air Force Base	2/20/2025 4/11/2025	4/18/2025	No comments on the Project.
N/A	Western Area Water Supply Authority (WAWSA)	2/20/2025	2/25/2025	Suggested ONEOK work with R&T Water District to permit water line crossings.

^a <https://www.ndlegis.gov/information/acdata/pdf/69-06-01.pdf>

^b Full copies of agency consultations are included in Exhibit F.

6.1 U.S. FISH AND WILDLIFE SERVICE

The USFWS administers several programs designed to identify and protect special status plant and animal species, critical habitats, and lands managed by the agency including the MBTA and the BGEPA. Additionally, the USFWS administers NWR and Waterfowl Production Areas (WPAs) as well as wetland and grassland easements throughout North Dakota. ONEOK met with the USFWS in January, 2025 to discuss species, surveys, and avoidance plans, which are summarized below and



documented in Exhibit F. ONEOK provided the USFWS North Dakota Field Office and Crosby Wetland Management District (WMD) with Project notification on March 12, 2025, which included a description of the Project and an assessment of its impacts relative to the interests of the USFWS.

6.1.1 FEDERALLY PROTECTED SPECIES REVIEW

On January 28, 2025, Bill Miller (ONEOK) and Maddy Krumwiede (ERM) met with the USFWS North Dakota Field Office. ONEOK introduced the Project and measures proposed to avoid and minimize impacts to protected species. ONEOK described the detailed analysis conducted to assist in Project planning, including use of publicly available GIS data, aerial imagery and published literature, as well as review of publicly available environmental survey information from previous projects in the area, to evaluate the potential for protected species habitat within the Project Study Area.

Results of the Project's federally protected species review are discussed in greater detail in Section 5.3 and the Habitat Review Report is provided in Exhibit E. An April 2, 2025, response from the USFWS stated that it does not expect the Project to result in the incidental take of listed species under Section 9 of the Endangered Species Act (ESA). A copy of the response letter from the USFWS is included in Exhibit F. Species specific conservation measures ONEOK intends to employ for the Project are described in Section 5.3.

6.1.2 HABITAT AVOIDANCE, RESTORATION, AND MITIGATION

USFWS acknowledged that ONEOK has designed the Project to avoid impacts to listed species and concurred with ONEOK's planned conservation measures, stating that the USFWS does not expect the Project as designed will result in incidental take of listed species under Section 9 of the ESA. Please see Section 9 for more information on ONEOK's construction and restoration plans for the Project.

6.1.3 WETLAND AND GRASSLAND EASEMENTS

The USFWS Crosby WMD administers NWRs, WPAs, as well as wetland and grassland easements in the western portion of North Dakota. Coordination with the USFWS Crosby WMD and landowner indicated one USFWS-managed parcel (wetland easements) is located within the Project Corridor in Section 25, Township 158 North, Range 95 West and directly crossed by the Project Route between approximate mileposts 0.75 and 1.55. While wetland easements are assigned to an entire parcel of land, the USFWS' jurisdiction only applies to wetlands within that parcel.

ONEOK provided the USFWS Crosby WMD with Project notification on March 12, 2025, and requested review of the Project Study Area for locations of USFWS-administered easements. In a response from March 13, 2025, USFWS confirmed that the Project Route crosses two wetlands under easement. The location of the protected wetlands relative to the Project Route is shown on maps included in the USFWS correspondence in Exhibit F. USFWS recommends that construction impacts to wetlands subject to the easement be avoided by bore/HDD or a reroute. ONEOK will continue to coordinate with USFWS regarding the two wetlands intersected by the Route and provide copies of future pre-construction correspondence to NDPSC.



6.2 U.S. ARMY CORPS OF ENGINEERS

The USACE regulates impacts on waters of the United States⁴ under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. Based on the inventory of wetlands and waterbodies within the Project Corridor (see Section 5.2 and Exhibit D), the Project Route will not impact USACE jurisdictional features.

On February 20, 2025, ONEOK initiated Project-specific consultations with the USACE requesting notification of Section 408 Civil Works projects or other USACE-owned or managed lands within the Study Area; special requirements, restrictions, or specifications regarding constructing pipelines across or under USACE-regulated features; and permits issued through USACE that may be applicable to the Project and anticipated permitting timeframes. Based on a review of publicly available data, USACE-owned or managed lands are not present in the Project Corridor.

In a February 28, 2025, response, the USACE provided information on obtaining Section 404 CWA permit approval, should the Project cause dredge or fill material in waters of the United States. As noted above and based on the current scope of the Project, ONEOK does not anticipate impacting USACE-jurisdictional features; therefore, permit approval from USACE under Section 404 of the Clean Water Act through a Nationwide Permit or an Individual Permit is not applicable to the Project. A review of the Study Area did not identify any Section 10 (i.e., navigable) waters and none were identified in the USACE response. A record of this communication can be found in Exhibit F.

6.3 U.S. DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICE

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) administers the Grassland Reserve Program, Wetland Reserve Program, the Farm and Ranch Lands Protection Program, and the Agricultural Conservation Easement Program. On February 21, 2025, ONEOK provided Project notification to the NRCS requesting a review of the Project for concerns related to NRCS-administered lands and programs. In a March 5, 2025, response, the NRCS referenced its Farmland Protection Policy Act but stated that it does not apply to pipelines as they do not permanently remove farmland from production. NRCS also provided comments and recommendations on minimizing impacts to wetlands. No further concerns were raised.

Through landowner communications to-date, ONEOK has not identified NRCS easements within the Project Corridor. ONEOK plans to minimize impacts to wetlands as described in Section 9. A record of communication with the NRCS can be found in Exhibit F.

6.4 U.S. DEPARTMENT OF AGRICULTURAL, FARM SERVICE AGENCY

Lands enrolled in the USDA Farm Service Agency (FSA) administered Conservation Reserve Program (CRP) are privately owned; however, the FSA has administrative responsibilities to ensure the provisions of CRP are maintained throughout the contract period. The CRP program stipulates that lands enrolled in CRP may not have the vegetative cover disturbed during the Primary

⁴ As defined in 40 CFR 230.3

Nesting and Brood Rearing Season (i.e., April 15 through August 1) unless disturbance of the existing cover is minimal, and a waiver of this provision is granted by the FSA.

On February 20, 2025, ONEOK provided Project notification to the FSA requesting confirmation regarding FSA-administered lands and programs in the Project Corridor. The FSA responded on March 19, 2025, stating that a Section associated with the Project's Study Area crosses into a CRP contract. Upon review, it was determined that the potentially impacted CRP land was not located within the proposed route's impact areas. The FSA also requested to review ONEOK's environmental permitting, as the Project does impact FSA cropland and noncropland acreage which must follow Highly Erodible Land and Wetland compliance. A record of communication with the FSA can be found in Exhibit F.

6.5 U.S. DEPARTMENT OF DEFENSE

Review of aerial imagery for each Minot Air Force Base Minuteman ICBM site suggested that the Project Corridor lies approximately 15 miles west of the nearest ICBM launch site. On February 20, 2025, ONEOK provided Project notification to the Department of Defense (USDOD), North Dakota Joint Forces Headquarters and the Minot Air Force Base requesting confirmation regarding the presence or absence of ICBM facilities within the Study Area. The Minot Air Force Base confirmed in their February 21, 2025, response that no assets are in the Project area. A record of this communication can be found in Exhibit F.

6.6 NORTH DAKOTA GAME AND FISH DEPARTMENT

The NDGFD oversees the state's game species. On January 29, 2025, ONEOK met with the NDGFD to discuss the Project, timeline, survey methodology, and to review NDGFD interests and natural resources within the Project area. NDGFD concluded that ONEOK's planned construction schedule (August-November) is a favorable time of year for construction to minimize impacts to state biological resources, and that no further issues were anticipated to be raised during their review of the proposed Route. On March 12, 2025, ONEOK provided a letter to the NDGFD requesting information regarding the presence or absence of sensitive species and their habitats, game refuge or game management lands, or Private Land Open to Sportsmen lands in the Study Area.

In an April 4, 2025, response, the NDGFD indicated that their primary concern is the possible disturbance of native prairie. The NDGFD requested every effort be made to prevent destruction of these areas and for disturbed areas be reclaimed to pre-Project conditions. The NDGFD requested appropriate precautions be taken to protect any wetlands that cannot be avoided. Lastly, the NDGFD noted the recommendation for raptor surveys prior to construction, and the use of appropriate construction buffers. ONEOK will conduct raptor nest surveys ahead of construction and apply buffers around nests as appropriate.

ONEOK also submitted a request to the NDGFD Wildlife and Conservation Division on March 12, 2025, requesting known locations of bald and golden eagle nests. In a March 18, 2025, response, NDGFD indicated there are no known bald or golden eagle nests within 0.5 mile of the Project area. Copies of correspondence with NDGFD are included in Exhibit F.



As outlined in Section 9, ONEOK has already accounted for many of these concerns and has developed, or will develop, plans and procedures to address these items during construction.

6.7 NORTH DAKOTA PARKS AND RECREATION DEPARTMENT

The NDPRD Natural Resource Division's scope of authority and expertise covers recreation and biological resources (rare species and ecological communities, in particular). The NDPRD also maintains a database identifying the locations and recorded occurrences of plant and animal species of special concern. The NDPRD authority includes management of state park lands and Land and Water Conservation funded recreation projects.

On February 20, 2025, Project notification was initiated with the NDPRD seeking confirmation regarding the presence or absence of managed lands, ecological resources, rare species, or their critical habitats within the Project Corridor. In a response dated March 6, 2025, the NDPRD stated that they did not identify rare plant or animal species of significant ecological communities within the Project's Study Area. They also provided a map of the proposed Project location in relation to known plant and animal species of concern, as well as Land and Water Conservation Fund (LWCF) recreational projects that they coordinate. No impacts on LWCF projects are anticipated. A copy of correspondence with the NDPRD is included in Exhibit F.

6.8 NORTH DAKOTA STATE HISTORIC PRESERVATION OFFICE

According to the North Dakota Energy Conversion and Transmission Facility Siting Act, among the "factors to be considered [by the Commission] in evaluating applications and designation of sites, corridors, and routes," is the effect of the proposed site or route on existing scenic areas, historic sites and structures, and paleontological or archaeological sites. The repository in North Dakota for this information is the ND SHPO, which acts as a technical resource during identification and evaluation of areas, sites, and structures and during reviews of Project effects. As described in Section 5.1, ONEOK completed a Class I cultural resources inventory of the Project, which identified previously conducted cultural surveys of the Corridor and their findings. The NDPSO tasks the Applicant to coordinate identification and effects discussions with the ND SHPO.

On January 29, 2025, ONEOK met with ND SHPO to discuss the Project, timeline, and review of Class I inventory and ND SHPO interests. ND SHPO concluded that ONEOK's approach in utilizing prior survey data is sound and agreed to review the Class I report. On March 12, 2025, ONEOK submitted a formal Project notification letter and the Class I report to the ND SHPO to solicit comments on the Project. On March 13, 2025, ND SHPO responded requesting further information regarding routing plans for site 32WI2307 and the labeling of site CHFWI0091 on the mapset provided. In a March 18, 2025 letter, ND SHPO agreed that a minimum 50-foot buffer for site 32WI2307 was acceptable for boring the pipeline in the site vicinity. Also on March 18, 2025, ONEOK emailed ND SHPO to recognize the location of CHFWI0091, which overlaps site 32WI1494 on the maps provided on March 12, 2025. On April 3, 2025, ND SHPO acknowledged the mapping error was clarified and reiterated that site CHFWI0091 should be avoided through the use of fencing, providing a 100-foot buffer between the sites and construction.



Exhibit F contains correspondence with the ND SHPO including the ND SHPO concurrence that no significant sites will be affected by the Project if the 9 archaeological sites and 6 cultural heritage sites within the Project area are avoided by the recommended construction buffers and fenced during construction.

6.9 NORTH DAKOTA GEOLOGICAL SURVEY

On February 20, 2025, Project notification was initiated with the North Dakota Geological Survey (NDGS) to solicit comments on the Project regarding potentially unstable areas and landslide deposits. A response was received from the NDGS on March 5, 2025, in which the NDGS noted that there were no geologic concerns with the proposed Route or within the Project Corridor. ONEOK also performed a geohazard analysis which yielded no issues or recommendations to alter the proposed route or construction methods. A copy of correspondence with the NDGS is included in Exhibit F.

6.10 NORTH DAKOTA DEPARTMENT OF ENVIRONMENTAL QUALITY

On February 20, 2025, Project notification was initiated with the North Dakota Department of Environmental Quality (NDDEQ) seeking confirmation regarding NDDEQ-administered programs in the Project Corridor. The NDDEQ responded on March 14, 2025, stating that it believes environmental impacts from the proposed construction will be minor and can be controlled by proper construction methods. Furthermore, NDDEQ noted that the department owns no land in or adjacent to the proposed Project, does not have any projects scheduled in the area, and believes the proposed activities are consistent with the State Implementation Plan for the Control of Air Pollution for the State of North Dakota.

Best management practices along with construction and environmental disturbance requirements were provided with the response and can be found in Exhibit F.

6.11 NORTH DAKOTA STATE WATER COMMISSION

On February 20, 2025, Project notification was initiated with the North Dakota Department of Water Resources (NDDWR), formerly known as the North Dakota State Water Commission, seeking confirmation regarding NDDWR-administered sovereign lands, water supply systems, projects, and other programs within the Project Corridor. Based on a desktop review, ONEOK did not identify any of these resources within the Study Area.

In a March 17, 2025, response, NDDWR stated that the State does not have formal floodplain permitting authority, and that floodplain permitting is completed through local entities. ONEOK has been in contact with the Williams County Water Resource Board and townships with designated floodplain permitting authority. To date, ONEOK has not identified any mapped floodplains that will be crossed by the Project and floodplain permitting is not anticipated for this Project. Appropriation of water from the state's water resources is permitted by the NDDWR. ONEOK is in the process of identifying potential source waters for dust control, drilling mud, and hydrostatic testing of the pipeline. ONEOK may truck in water from municipal sources or water depots which are already permitted, or ONEOK may appropriate water directly from surface or



ground water sources. If ONEOK elects to appropriate directly from waters of the state, it will file an application to the NDDWR for a Temporary Water Permit.

If permits are obtained for water appropriation, they will be filed with the NDPSC upon receipt. A copy of correspondence with the NDDWR is included in Exhibit F.

6.12 NORTH DAKOTA DEPARTMENT OF TRUST LANDS

On February 20, 2025, ONEOK provided Project notification to the North Dakota Department of Trust Lands (NDDTL) Surface Management Division and NDDTL Minerals Management Division requesting comments regarding the presence of State School Trust and State Mineral Trust Lands within the Study Area. A preliminary review of the public datasets (North Dakota Geographic Information Systems [NDGIS], 2025) concluded School Trust and Mineral Trust Lands were within the 1-mile-wide Study Area. The Project Route crosses Mineral Trust Land and School Trust Land in Township 158N, Range 95W, Section 36, and Mineral Trust Land in Township 157N, Range 95, Section 12 and 13 (see Exhibit A.4).

In a March 12, 2025, response, NDDTL acknowledged receipt of the Project application for a pipeline right-of-way across NDDTL. A copy of the correspondence with NDDTL is included in Exhibit F. ONEOK will continue to coordinate with NDDTL to obtain an agreement for pipeline right-of-way on NDDTL parcels.

6.13 WESTERN AREA WATER SUPPLY AUTHORITY

On February 20, 2025, Project notification was initiated with the WAWSA seeking information related to rural water supply systems and WAWSA-administered projects. On February 21, 2025, a representative from WAWSA forwarded the Project notification to R&T Water District, explaining that they hold jurisdiction over rural water lines in the Project area. On February 25, 2025, R&T Water District provided a map outlining water lines in the Project area and locations where the Project pipeline is approximated to cross those lines. R&T Water District staff indicated that each crossing of their water lines will require a permit, and the appropriate crossing permit was provided with their response. ONEOK's ROW and construction staff will coordinate with R&T Water District on these crossings and secure necessary permits.

6.14 WILLIAMS COUNTY BOARD OF COMMISSIONERS

On February 20, 2025, Project notification was initiated with the Williams County Board of Commissioners seeking information regarding any local ordinances, permits, or other resources under the Board's jurisdiction that may be applicable to the Project, as well as a summary of any permit processes and anticipated timeframes, if applicable.

It is anticipated that ONEOK will need to secure road crossing permits, approach permits and will need to inspect haul roads before construction starts. ONEOK will work directly with County staff to secure these approvals and ensure any necessary inspections occur prior to construction. Copies of permits will be filed with the NDPSC upon receipt. A record of this communication can be found in Exhibit F.



6.15 WILLIAMS COUNTY WATER RESOURCE BOARD

On February 20, 2025, Project notification was initiated with the Williams County Water Resource Board seeking comment on the following topics:

- Locations of any county-regulated drains, ditches, and/or other drainage features.
- Any special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features.
- Any local ordinances related to drainage.
- Any applicable permits with a summary of the permit process and anticipated timeframes.

Based on a review of the county's website, ONEOK has not identified specific permits or approvals that will be required from the Water Resource Board. In a response from March 20, 2025, the Water Resource Board confirmed that they had no requirements for the Project. A record of this communication can be found in Exhibit F.

6.16 WILLIAMS COUNTY WEED CONTROL BOARD

The Williams County Weed Control Board is responsible for administering the state's noxious weed law. There are 13 state listed noxious weeds, and 1 additional noxious weed listed in Williams County. ONEOK contacted the County Weed Control Board to inquire if the county has a formal permit program with respect to noxious weeds. No response has been received to-date. A record of these communications can be found in Exhibit F.

6.17 CIVIL TOWNSHIP CONSULTATIONS

Williams County has delegated authority for the administration of floodplains to some civil townships. ONEOK is not aware of permits or approvals required from civil townships with respect to floodplains; however, ONEOK did provide notification of the Project to the following townships that are designated as floodplain administrators:

- Lindahl Township
- Tioga Township

Project notifications were sent to Tioga Township on February 20, 2025, and to Lindahl Township on April 14, 2025. No responses have been received to-date. A record of these communications can be found in Exhibit F.

6.18 CITY CONSULTATIONS

The Project does not cross municipal or city boundaries; however, the 1-mile Study Area does intersect with the boundaries of the City of Tioga. ONEOK submitted a Project notification and consultation request to city officials on February 20, 2025. On March 3, 2025, City staff responded confirming that there are no concerns or permits needed from the City of Tioga. A record of these communications can be found in Exhibit F.



7. CRITERIA

The information presented in this section was developed to demonstrate conformance with the NDPSC’s Criteria. ONEOK has conducted a thorough inventory of the Study Area, Corridor, and Route and evaluated the resources within each to assess the compatibility of the Project with the NDPSC Criteria. The following sections identify and discuss the presence or absence of siting criteria within the Study Area, Project Corridor and Route. Where siting criteria are identified, the location of each is shown on the maps in Exhibits A.2 – A.4. GIS data is also being provided with this application in electronic form.

7.1 EXCLUSION AREAS

Exclusion areas are geographic areas that must be excluded in the consideration of a route for a transmission facility. A buffer zone of a reasonable width must also be included to protect the area. The following table and text identify and discuss exclusion areas within the Project Corridor.

TABLE 7 EXCLUSION AREAS

Exclusion Area	Located within Study Area	Located within Project Corridor	Crossed by Project Route	Administering Agency
National Parks	No	No	No	USNPS
National Memorial Parks	No	No	No	USNPS
National Historic Sites and Landmarks	No	No	No	USNPS
National Natural Landmarks	No	No	No	USNPS
National Wilderness Areas	No	No	No	USNPS and U.S. Forest Service (USFS)
National Monuments	No	No	No	USNPS and State Historical Society
State Parks	No	No	No	State Park Service
State Historic Sites	No	No	No	ND SHPO
State Monuments	No	No	No	ND SHPO
State Historical Markers	No	No	No	ND SHPO
State Archaeological Sites	Yes	Yes	No	ND SHPO
State Nature Preserves	No	No	No	State Park Service
County Parks and Recreation Areas, Municipal Parks, and Parks under other Governmental Jurisdictions	No	No	No	Various

Exclusion Area	Located within Study Area	Located within Project Corridor	Crossed by Project Route	Administering Agency
Areas Critical to the Life Stages of Threatened or Endangered Animal or Plant Species	No	No	No	USFWS
Areas Where Animal or Plant Species Unique or Rare to the State would be Irreversibly Damaged	No	No	No	Various
Areas Within 1,200 Feet of an ICBM Facility	No	No	No	USDOD
Areas Within 30 Feet of Direct Line of ICBM Launch Facility	No	No	No	USDOD

7.1.1 FEDERAL RESOURCE REVIEW

Review of digital data available from USNPS and the USFWS shows that there are no national parks, national memorial parks, national historic sites and landmarks, national wilderness areas, or national monuments located within the Project Corridor or Route (USNPS, 2024). Therefore, there will be no direct impacts on national parks, sites, monuments, or wilderness. One parcel containing USFWS wetland easements is crossed by the Project as discussed in Section 6.1.3, with the next nearest federally managed land is the Williams County Waterfowl Production Area located approximately 2 miles west of the southern terminus of the Project.

There are no designated critical habitat areas for federally listed threatened or endangered species in the Project Corridor or Study Area. The nearest designated critical habitat is Lake Sakakawea, which is approximately 12 miles east of the Project. The lake is designated as critical habitat for the piping plover (federally threatened) and also provides habitat for the federally endangered pallid sturgeon. The Project will have no impact on USFWS-designated critical habitat.

Based on the information above, there will be no impacts on federally administered or protected exclusion areas.

7.1.2 STATE RESOURCE REVIEW

Review of digital data indicates that there are no designated or registered state parks, sites, monuments, or nature preserves within the Project Corridor or Route. The nearest state-managed park or protected site is the Lewis and Clark State Park located approximately 26 miles southwest of the southern terminus of the Project. Therefore, there will be no direct impacts on state parks, sites, monuments, or nature preserves.

7.1.3 COUNTY RESOURCE REVIEW

Review of publicly available data shows that there are no county parks and recreational areas, municipal parks, or parks owned or administered by other governmental subdivisions within the Project Corridor or crossed by the Route. The nearest such area is the McGregor Dam located



approximately 7 miles north of the northern terminus of the Project. Therefore, no direct impacts are anticipated.

7.1.4 AREAS OF CRITICAL HABITAT

The USFWS has designated critical habitat for one federally listed species in Williams County (piping plover). The nearest designated critical habitat for the piping plover is associated with the Missouri River/Lake Sakakawea reservoir, approximately 12 miles east of the Project area. Coordination with USFWS has not identified critical habitat in the Study Area (see Exhibit F); therefore, the Project will have no impact on designated critical habitat.

7.1.5 AREAS WHERE UNIQUE OR RARE SPECIES TO THE STATE WOULD BE IRREVERSIBLY DAMAGED

Based upon studies and consultations as discussed in Sections 5 and 6, the Project will not result in irreversible impacts that are detrimental to plant and animal species or their habitats that are unique or rare to the state. The implementation of the proposed construction and restoration plans (see Section 9) and compliance with environmental permits will help minimize temporary impacts and mitigate the potential for irreversible damage.

7.1.6 AREAS WITHIN 1,200 FEET OF ICBM FACILITY OR 30 FEET OF DIRECT LINE OF LAUNCH FACILITY

Based on information compiled by the University of Wyoming regarding current and historic missile site locations (University of Wyoming, 2018), which was comprised of both tabular data describing these sites and supported with additional aerial imagery for each Minot Air Force Base Minuteman ICBM site, ONEOK has confirmed the absence of ICBM launch or launch control facilities located within 1,200 feet of the Route. This was confirmed through consultation with the USDOD as described in Section 6.5.

7.2 AVOIDANCE AREAS

Avoidance areas are geographic areas that may not be considered in the routing of a transmission facility unless it is shown there is no reasonable alternative under the circumstances. A route may contain avoidance areas; however, avoidance areas may not encompass more than 50 percent of the Project Corridor width at any point, unless there is no reasonable alternative. The following table and text identify and discuss avoidance areas within the Project Corridor.

TABLE 8 AVOIDANCE AREAS

Avoidance Area	Located within Study Area	Located within Project Corridor	Crossed by Project Route	Administering Agency
National Historic Districts	No	No	No	State Historic Society
National Wildlife Areas	No	No	No	USFWS



Avoidance Area	Located within Study Area	Located within Project Corridor	Crossed by Project Route	Administering Agency
National Wild, Scenic, or Recreational Rivers	No	No	No	State Heritage Conservation Recreation Service
National Wildlife Refuges	No	No	No	USFWS
National Grasslands	No	No	No	USFS
State Wild, Scenic or Recreational Rivers	No	No	No	State of North Dakota Legislative Assembly
State Game Refuges	No	No	No	NDGFD
State Game Management and Management Areas	No	No	No	NDGFD
State Forests	No	No	No	State Forest Service
State Forest Management Lands	No	No	No	State Forest Service
State Grasslands	No	No	No	State Park Service
Historical Resources which are not specifically designated as Exclusion or Avoidance Areas	No	No	No	State and County Historical Society
Areas which are Geologically Unstable	Yes	No	No	NDGS
Within 500 Feet of a Residence, School, or Place of Business	Yes	No	No	Landowner
Reservoirs	No	No	No	USACE and North Dakota Department of Water Resources (NDDWR)
Municipal Water Supplies	No	No	No	NDDWR
Water Sources for Organized Rural Water Districts	No	No	No	NDDWR
Irrigated Land	N/A	N/A	N/A	Per NDAC 69-06-08-02(2)(h); this criterion shall not apply to an underground transmission facility.
Areas of Recreational Significance but not designated exclusion areas	No	No	No	Various

7.2.1 FEDERAL RESOURCE REVIEW

ONEOK conducted a comprehensive review of publicly available information and field studies of the Project Corridor. This review confirmed the absence of designated or registered historic districts, refuges, and wild, scenic, or recreational rivers within the Project Corridor. The nearest federally managed avoidance area is the Lostwood National Wildlife Refuge located approximately 18 miles east of the Project.

ONEOK is proposing the Project Corridor and Route be located entirely within previously surveyed cultural corridors and that no further cultural surveys be required. As described in Sections 5.1 and 6.8, ONEOK performed a review of cultural resources, including a Class I investigation of previous surveys and archaeological and historic structure files, and has concluded the Project will not result in impacts on NRHP-eligible, unevaluated, or not yet evaluated resources. ONEOK has consulted with the ND SHPO on cultural resources and correspondence with the ND SHPO is provided in Exhibit F.

7.2.2 STATE RESOURCE REVIEW

ONEOK conducted a review of publicly available resources and concluded no designated or registered game refuges, game management areas, management areas, forests, forest management lands, or grasslands are within the Project Corridor. The nearest state management avoidance area is the White Earth Valley Wildlife Management Area located approximately 6 miles east of the Project.

7.2.3 HISTORICAL RESOURCES NOT DESIGNATED AS EXCLUSION/AVOIDANCE AREAS

See Section 5.1 for a discussion of historical resources Class I review conducted for cultural resources and see Section 6.8 for a discussion of agency consultations conducted with the ND SHPO regarding the Project. Archaeological, architectural, historical, and cultural heritage sites are within the Study Area and Corridor, and many of the sites are currently unevaluated for listing on the National Register of Historic Places. ONEOK plans to avoid all sites identified during the Class I review regardless of their eligibility status.

7.2.4 GEOLOGICALLY UNSTABLE AREAS

North Dakota has not experienced an earthquake of sufficient enough magnitude to damage steel welded pipe or structural steel structures in recorded history. Sinkholes are known to occur in the region, but these are related to subsurface mining activities as opposed to limestone dissolution. Based on publicly available data, the Project Corridor does not cross nor is adjacent to landslide deposits. As noted in Section 6.9, in response to ONEOK's consultation request, NDGS confirmed that there are no geological areas of concern, mines, or reclaimed mines within the Project Corridor.

7.2.5 AREAS WITHIN 500 FEET OF A RESIDENCE, SCHOOL, OR PLACE OF BUSINESS

Based on a review of aerial photography as well as discussions with landowners, ONEOK has not identified occupied residences or businesses within 500 feet of the Route. ONEOK is in active discussions with landowners, and if occupied structures are newly identified, landowner waivers will be filed with NDPSC upon receipt.

7.2.6 RESERVOIRS AND MUNICIPAL WATER SUPPLIES

Based on a review of publicly available data, ONEOK has confirmed the absence of reservoirs or municipal source water protection areas for community water supply sources within the Project Corridor.

7.2.7 WATER SOURCES FOR ORGANIZED RURAL WATER DISTRICTS

Based on a review of publicly available data, ONEOK is not aware of water sources for organized rural water districts within the Project Corridor. As discussed in Section 6.10, there are no Wellhead Protection Areas in the Project Corridor or Study Area. The nearest protection area is located approximately 1 mile from the southern terminus of the Project. This Wellhead Protection Area is a community listed as "R&R Trailer Court". No impacts on this area are anticipated during construction or operation of the pipeline.

7.2.8 IRRIGATED LAND

Irrigated land does not apply to underground transmission facilities.

7.2.9 AREAS OF RECREATIONAL SIGNIFICANCE BUT NOT DESIGNATED EXCLUSION AREAS

Based on a review of publicly available data, ONEOK has not identified areas of recreational significance within the Project Corridor. To date, none of the county or township agencies with which ONEOK consulted have identified areas of recreational significance in the vicinity of the Project.

7.3 SELECTION CRITERIA

The Commission specifies selection criteria considered in designating a pipeline corridor or route. These criteria are used to determine whether adverse effects from the location, construction, and maintenance of the facility will be at an acceptable minimum or whether these effects will be managed and maintained at an acceptable minimum.

The selection criteria that were considered for the Project include:

- Agricultural Production;
- Family Farms and Ranches;
- Land Suitable for Irrigation;
- Surface Drainage and Groundwater Flow Patterns;
- Sound Sensitive Areas;



- Visual Effects;
- Extractive and Storage Resources;
- Wetlands, Woodlands, and Wooded Areas;
- Communication or Electric Control Facilities;
- Human Health and Safety;
- Animal Health and Safety; and
- Plant Life.

Potential impacts and measures to avoid and minimize these impacts, as they relate to each of the selection criteria, are discussed in the following subsections.

7.3.1 AGRICULTURAL IMPACTS

Agricultural Production: The Route will temporarily affect approximately 46 acres of land in North Dakota, of which approximately 27 acres (58 percent) are located on privately owned cropland (USGS, 2021). The majority of the land crossed can be characterized as either agricultural or natural vegetative cover. Once construction is complete, the land will be restored to its pre-construction contours and land use. ONEOK will provide settlements to landowners for crop loss resulting from Project construction.

The proposed aboveground facilities are located within existing facilities. Conversion of agricultural land is not proposed as part of this Project.

Family Farms and Ranches: The Route will temporarily affect approximately 18 acres (40 percent) that are comprised of privately-owned farms and/or ranches.⁵ Once construction is complete, the land will be restored to its pre-construction contours and land use. ONEOK will negotiate easements with all affected landowners. The Project will have no permanent impacts on lifestyle or farm/ranch operations once construction is completed.

The proposed aboveground facilities are located within existing facilities. Conversion of family farms and ranches is not proposed as part of this Project.

The location of pipeline markers is required by 49 CFR Part 195 for pipelines. ONEOK works with local landowners and county officials to ensure that pipeline markers are located where required but also in an acceptable location for these parties. These markers are to be placed in full view so that they are not accidentally damaged by, or cause damage to, landowner or county equipment.

Lands Suitable for Irrigation: This section is not applicable to buried pipelines (NDAC 69-06-08-02[2][h]).

7.3.2 SURFACE DRAINAGE

Standard pipeline construction techniques to be employed will not modify existing surface drainage patterns. Care will be taken throughout the construction process to minimize environmental impacts, including modification of drainage patterns. During restoration, those

⁵ Approximately by sum of grassland/herbaceous and hay/pasture land use types (USGS, 2021).

areas that were disturbed during construction will be restored, the local topography will be restored to its original contours, vegetation will be reestablished. Impacts are anticipated to be minimal and temporary. BMPs will be implemented in accordance with the Project-specific Stormwater Pollution Prevention Plan, which will be modeled after the NDDEQ Construction Storm Water General Permit requirements (see Section 9). The Project does not cross NDGFD-designated fisheries and permanent impacts on surface drainage are not anticipated.

7.3.3 GROUNDWATER FLOW PATTERNS

Water well data and drilling logs have been recorded by the NDDWR within the Project area (NDDWR, 2021). Based on a review of these logs, there are 11 wells on file within the Project Study Area. Depth to groundwater at the time the wells were drilled was not recorded. The required tie-in excavations for the proposed Project are not anticipated to reach groundwater in the vast majority of the Project area. If groundwater is encountered during construction activities, it will be dewatered in accordance with ONEOK's construction plans (see Section 9) and applicable state permits (see Exhibit G).

Based on information from the USGS and NDGS, the Project does not cross surficial aquifers. The Project is not anticipated to have an impact on groundwater flow patterns.

7.3.4 SOUND-SENSITIVE LAND USES

Temporary increases in ambient sound will occur in the areas immediately surrounding active construction. The Project is in a rural setting away from major population centers. Construction will take place over a period of approximately 4 months; however, no one area will have ongoing daily activity, as construction will progress from one area of the route into the next. Construction activities at any given point along the Project are generally limited to daylight hours. The use of heavy equipment or trucks will be the primary noise generating activity during construction and excavation. The level of impact may vary by equipment type, duration of construction activity, and the distance between the noise source and the receptor. Once constructed and in-service, normal pipeline operations are not audible.

Construction and operation of the Project is expected to comply with applicable noise requirements and local ordinances.

7.3.5 VISUAL EFFECT OF ADJACENT AREAS

The Project will include one pig launcher facility, one electrical control building, and one pig receiver facility. No new pump stations or mainline valves will be required for the Project at this time. The pig launcher and receiver facilities and electrical control building will be in, or adjacent to existing gas processing facilities that are already developed and will cause only minor incremental visual impacts. No other permanent aboveground features are proposed as a part of the Project.

7.3.6 EXTRACTIVE AND STORAGE RESOURCES

As noted in Sections 1.1 and 4.1, the Project will help in meeting the state of North Dakota's goals to increase the capture of natural gas and reduce flaring. This Project will not affect known



extractive or storage resources. Impacts on future extractive development will not constitute a substantial loss of resource availability because of the narrow, linear nature of the pipeline ROW relative to the expanse of areas with resource potential.

Based on information in the Abandoned Mine Lands Site Location Map published by the NDPSC, there are no abandoned mines located in the Project Study Area. The nearest abandoned mine is located approximately 6 miles east of the Project; therefore, no impacts to abandoned mines are anticipated.

7.3.7 WETLANDS, WOODLANDS, AND WOODED AREAS

A comprehensive review of published data, including aerial photography and NWI data, was conducted to assess the presence or absence of wetlands, woodlands, and wooded areas. The results of the analysis will be used to implement construction measures to avoid or minimize impacts, where possible. Land use and land cover information is shown in Exhibit A.3. Proposed mitigation measures are detailed in Section 9 and detailed analysis results can be found in Exhibit D.

As detailed in Section 5.4, a formal tree and shrub inventory will be conducted prior to construction based on guidance from recently issued NDPSC orders. A stand-alone tree and shrub inventory report will be prepared to record the pre-construction status of these resources.

7.3.8 RADIO AND TV RECEPTION AND OTHER COMMUNICATION OR ELECTRONIC FACILITIES

Based on review of publicly available information, one television reception tower is located within the Project Study Area. No radio and television reception facilities are located within the Project Corridor. Locations of antenna and microwave structure located with the Study Area are displayed on the Selection Criteria maps in Exhibit A.4. The proposed Project is a buried, underground utility. No impacts on television or radio reception or communication or electronic control facilities are anticipated to occur as a result of the Project.

7.3.9 HUMAN HEALTH AND SAFETY

During construction, residences and businesses in proximity to construction activities will be exposed to short-term increases in construction-related noise and dust. The construction ROW, access roads, and spoil piles near residential and commercial areas will be watered down as needed to control fugitive dust emissions during construction. Following construction, measures to stabilize and revegetate the ROW will be taken promptly to minimize further dust emissions. Heavy construction equipment required for pipeline installation will generate unavoidable short-term increases in sound levels. Increases in noise levels due to equipment operation will be limited to the period of active construction and will primarily be avoided during night-time hours (i.e., 10pm – 7am). Twenty-four-hour construction activities are generally limited to completing tasks that commenced during the day and where ceasing to complete could jeopardize the installation. This largely applies to some phases of HDDs, various bores, and occasional aboveground facility construction within the existing County Line Plant and Hess Tioga Plant.

The USDOT's pipeline standards are published in Part 195 of Title 49 of the CFR. The regulations are intended to ensure adequate protection of the public and to prevent accidents and failures. Part 195 addresses hazardous liquid pipeline safety issues, specifying material selection and qualification, minimum design requirements, construction, pressure testing, operations, maintenance, protection from internal, external, and atmospheric corrosion, and integrity management of the pipeline for the life of the facility.

The actual installation of the pipeline and all construction and testing records will be subject to inspection. All pipe installed along the Project will be externally coated with a fusion bonded epoxy to resist corrosion. Once installed, internal inspections will be conducted on the pipeline at regular intervals using in-line inspection technology. The pipeline will undergo hydrostatic testing at a minimum of 1.25 times the maximum allowable operating pressure to ensure its integrity and will be placed into service only after successful completion and commissioning to verify compliance with all construction standards and requirements.

ONEOK provides public education through an outreach program promoting public awareness of pipelines and pipeline safety in accordance with USDOT requirements. Proper signage and warnings at road and highway crossings and other locations, as applicable, will alert the public to the presence of underground lines and to provide information, contact numbers, and emergency data.

7.3.10 ANIMAL HEALTH AND SAFETY

ONEOK will avoid, minimize, and mitigate impacts on protected species to the extent practicable. A summary of the analysis conducted with respect to natural resources is included in Section 5.3 and in Exhibit D and Exhibit E, and consultations with state and federal agencies related to protected species are provided in Section 6. The Project was designed to co-locate the pipeline within existing linear infrastructure (i.e., pipeline, utility corridors) to the extent practicable. Impacts on the majority of animal species will be short-term and temporary, and the construction workspace will be restored to its pre-construction conditions following installation of the pipe.

7.3.11 PLANT LIFE

As noted on the land use/land cover maps (see Exhibit A.3), the majority of the Route crosses cultivated cropland and herbaceous grasslands. Additionally, the Project was designed to co-locate the pipeline within existing linear infrastructure to the extent practicable, which minimizes irreversible or irretrievable commitments of natural resources due to conversion from greenfield to industrial uses and optimizing existing fragmentation. The habitat analysis did not identify habitat for protected or endangered plant species (Exhibit E). All areas disturbed by the construction of the Project will be revegetated in accordance with applicable agency standards and landowner requests. In addition, ONEOK will complete tree and shrub mitigation per NDPSC guidelines.



7.4 POLICY CRITERIA

7.4.1 LOCATION AND DESIGN

The Project facilities are being sited in accordance with the North Dakota Energy Conversion and Transmission Facility Siting Act (NDCC chapter 49-22.1). Efforts to avoid and minimize environmental and human impacts are ongoing. The Project will be 76 percent co-located with existing linear infrastructure corridors, which maintains the existing land use of the area. Easement management for the operation of the Project will be similar to the existing infrastructure corridors and will not convert the existing land use. Additionally, discussions with landowners regarding placement of the pipeline on respective tracts have been ongoing for several months.

Facilities will be constructed and operated according to all applicable regulations. The Project will meet or exceed state and federal safety requirements and will be designed in accordance with 49 CFR Part 195. All persons and firms providing service to ONEOK are required to conduct their work in compliance with environmental conditions, permit authorizations, and applicable regulations and will be held accountable for their actions.

7.4.2 TRAINING AND UTILIZATION OF IN-STATE LABOR

Construction of the Project will require up to 200 workers in North Dakota.

7.4.3 ECONOMIES OF CONSTRUCTION AND OPERATION

The Project will be an additional North Dakota asset for ONEOK. In 2024, ONEOK Bakken Pipeline, L.L.C. paid ad valorem tax in excess of \$3,302,257. Once constructed and in-service, the continued costs of maintenance and operation of the proposed pipeline will be minimal.

7.4.4 USE OF CITIZEN COORDINATING COMMITTEES

ONEOK, Inc., the parent company of ONEOK, has established and maintains a good relationship with local residents through its long-term regional presence operating various assets in the area. ONEOK, Inc. will continue to maintain contact with local government officials. Through this contact, Project-related information will be exchanged and should concerns arise, ONEOK, Inc. will work with officials to resolve those issues.

7.4.5 COMMITMENT OF PORTION OF TRANSMITTED PRODUCT FOR USE IN STATE

The proposed Project will originate at the County Line Plant and one new pig receiver at the Hess Tioga Meter Site. The products handled, transferred, and shipped will be delivered to markets located out of the state.

7.4.6 LABOR RELATIONS

ONEOK maintains positive labor relations with its staff and contract workforce and does not anticipate encountering adverse labor relations on this Project. ONEOK is an equal opportunity employer committed to diversity and inclusion. Additionally, the labor market in the region is generally supportive of the oil and gas industry.



7.4.7 POLICIES AND COMMITMENTS TO LIMIT ENVIRONMENTAL IMPACT

ONEOK is committed to protecting the environment during all phases of construction of the Project. In consultation with state and federal agencies, ONEOK developed avoidance and minimization measures to protect these sensitive areas during and after construction. Once the pipeline is operational, ongoing monitoring and maintenance activities will be implemented to ensure the safe operation of the pipeline. A cathodic protection system will be installed and used for pipeline integrity.

7.4.8 COORDINATION OF FACILITIES

As noted previously, the Project originates at the County Line Plant and terminates at ONEOK's existing Hess Tioga Meter Site. From that location, NGLs will be transported to the Mid-Continent and Gulf Coast for additional processing. ONEOK is coordinating with Argent Midstream Solutions and the Hess Plant for installation of pipeline connection facilities. The Project is routed to be co-located with other pipeline facilities, and ONEOK is continuing to coordinate with the owners of these pipeline facilities and landowners to site the Project's workspace and permanent easement.

ONEOK owns and operates several gas processing plants in North Dakota, including Stateline I and II, Garden Creek I, II and III, Bear Creek I and II, Lonesome Creek, Grasslands, Demicks Lake I and II and Demicks Lake III Gas Processing Plant. ONEOK provides take-away capacity via pipeline for the NGLs produced at the plants. Coordination of the proposed Project with existing pipeline systems and facilities is anticipated to be seamless, as the proposed Project will provide additional take-away transportation capacity of NGLs in North Dakota.

7.4.9 MONITORING IMPACTS

ONEOK has established and maintained positive landowner and community relationships throughout the region through its open communication and commitment to corporate citizenship standards that are based on integrity. ONEOK monitors landowner concerns through its ROW department and responds to all reasonable requests. In a similar manner, ONEOK monitors community concerns and responds to all reasonable concerns brought to its attention by local community leaders. ONEOK will select a contractor for construction of the Project and will coordinate the oversight responsibilities for construction activities with this contractor throughout the Project. Environmental responsibilities will be coordinated in the same manner.

During operation, pipeline control personnel provide 24-hour electronic surveillance of ONEOK pipeline operations. In addition, ONEOK uses several inspection methods and processes to mitigate corrosion and minimize the potential for third-party damage to its pipelines. These include regular ROW patrols, inspections of cathodic protection equipment, and coordination with the North Dakota One-Call Center to mark a pipeline or to be present during excavation to ensure the public's safety and the integrity of the pipeline.

ONEOK designs, constructs, operates, and maintains its pipeline systems to ensure safety and reliability. If a leak were detected, the company is able to stop the flow of product remotely from its control center. ONEOK continues to establish and maintain contact with appropriate fire, police, and other public officials. This communication establishes the responsibility and resources of each



government organization that may respond to a pipeline emergency. ONEOK also acquaints officials with the abilities of the pipeline operator when responding to an emergency. In all cases, emergency responders are directed to protect people first, then the environment next, and then property.

7.4.10 USING AND EXISTING AND PROPOSED ROWS AND CORRIDORS

ONEOK selected the Project alignment to maximize the use of existing utility corridors and other linear infrastructure. The Route is co-located with existing utilities to the extent practicable.

7.4.11 OTHER EXISTING OR PROPOSED TRANSMISSION FACILITIES

The Project will be 76 percent co-located with existing pipelines and the NDPSC permitted Liberty Pipeline, not yet constructed, and connect to ONEOK's existing Tioga Lateral pipeline (NDPSC Case No. PU-19-368).

ONEOK is a leading midstream operator that provides gathering, processing, fractionation, transportation and storage services. Through ONEOK's more than 60,000-mile pipeline network, we transport the natural gas, NGLs, refined products and crude oil that help meet domestic and international energy demand, contribute to energy security and provide safe, reliable and responsible energy solutions needed today and into the future. ONEOK's assets include:

- 9,300 miles of gathering pipelines;
- 4,800 miles of distribution pipelines;
- 74 billion cubic feet of natural gas storage capacity;
- 54 petroleum product terminals; and
- 1.2 million bpd of net NGL fractionation capacity.

8. OTHER FACTORS CONSIDERED

8.1 PUBLIC HEALTH, WELFARE, NATURAL RESOURCES, AND THE ENVIRONMENT

Refer to Sections 5.0, 7.1, 7.2, 7.3, 7.4.3, 7.4.7, and 7.4.9.

8.2 TRANSMISSION TECHNOLOGIES AND SYSTEMS DESIGNED TO MINIMIZED ADVERSE ENVIRONMENTAL EFFECTS

The Project design is consistent with existing pipeline technologies. A variety of measures will be taken to avoid, minimize, or mitigate impacts on sensitive resources, including implementing trenchless construction (i.e., HDD, bores), narrowing ROW widths, rerouting, and route deviations, etc. Trenchless techniques avoid the need for open cut trenches, thereby minimizing environmental impacts and eliminating ground-level surface hazards in sensitive areas along the route. BMPs will be used to minimize impacts from clearing, trenching, and reclamation of the construction ROW. Potential impacts on environmentally sensitive areas will be either avoided through rerouting, HDDs/bores, or by protecting sites during construction. Mitigation measures are also discussed in Section 9 of this application.

8.3 BENEFICIAL USES OF WASTE ENERGY FROM A PROPOSED ENERGY CONVERSION FACILITY

The Project does not involve new energy conversion facilities; as such, the potential for beneficial uses of waste energy from a proposed energy conversion facility does not apply to the Project.

8.4 UNAVOIDABLE ADVERSE DIRECT AND INDIRECT ENVIRONMENTAL EFFECTS

Unavoidable adverse direct and indirect environment effects will be temporary, short-term, and will be minimized to the extent practicable. The Project has been co-located and will run parallel to existing infrastructure (e.g., pipelines, utility corridors, railways) to the extent practicable. ONEOK will implement measures to mitigate potential impacts on resources such as vegetation, wildlife, agricultural, transportation, and noise levels. Refer to Section 9 for a complete description of mitigation measures.

8.5 CORRIDOR OR ROUTE ALTERNATIVES DEVELOPED DURING THE HEARING THAT MINIMIZE ADVERSE EFFECTS

A description of the alternatives analyzed during Project design is presented in Section 4 of this application. The Project Corridor and Route have been designed based on landowner engagement, stakeholder outreach, civil surveys, environmental analysis and constructability analysis, among other considerations. Reroutes of varying lengths and for a variety of reasons have been made to minimize adverse effects to sensitive areas. ONEOK will continue to adjust the Route based on additional constructability concerns and necessary feature avoidance. ONEOK will participate in the hearing process and will address alternatives developed during the process, as applicable.



8.6 IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF NATURAL RESOURCES IF DESIGNATED

The Project was designed to co-locate the pipeline within existing linear infrastructure (i.e., pipeline, utility corridors) to the extent practicable. This design minimizes irreversible or irretrievable commitments of natural resources due to conversion from greenfield to industrial uses and optimizing existing fragmentation. Generally, all areas impacted by pipeline construction will return to previous land use. In isolated areas, long-term vegetation impacts will result from converting wooded areas to herbaceous/scrub shrub areas to comply with federal pipeline regulations. This conversion of vegetation ensures safety and integrity of the pipeline and facilitates aerial inspections of the pipeline.

The Project will not result in an irreversible and irretrievable commitment of natural resources.

8.7 DIRECT AND INDIRECT ECONOMIC IMPACTS OF THE FACILITY

The estimated total spending for construction of the Project is \$13 million. This estimate includes construction of the pipeline, engineering, and real estate services; easement payments; mitigation payments; and other support services. Construction outputs for the Project include employment, labor income, and production spending. The Project is expected to employ up to 200 workers for construction activities. These economic impacts will be realized during construction in August 2025 and throughout operations and maintenance annually starting in November 2025.

North Dakota imposes taxes on sales, use, gross receipts and lodging, and individual income. Local governments may impose taxes on the same tax bases; however, most unincorporated areas do not impose local option sales taxes. The Project will contribute directly and indirectly to tax bases at the state and local levels.

Construction of this Project will provide firm, reliable service for a maximum design flow rate up to 40,000 bpd of NGLs and provide a critical transportation link between County Line Plant and ONEOK's NGL transmission system for delivery to facilities in the Mid-Continent and Gulf Coast for additional processing prior to distribution to various markets.

8.8 EXISTING PLANS FOR OTHER DEVELOPMENTS IN THE VICINITY

ONEOK, Inc., the parent company of ONEOK, is the largest independent operator of natural gas gathering and processing facilities in the Williston Basin. According to the NDIC – Oil and Gas Division (NDIC, 2025), there are currently 14 active drilling rigs in Williams County. Other than the Liberty Pipeline (NDPSC Case No. PU-19-368), ONEOK is not aware of other large-scale projects in the vicinity of the Project.

None of the local, state, or federal agencies ONEOK consulted with for this Project have identified projects or developments in the Project area. Based on a review of the scope and location of present and foreseeable projects, ONEOK has concluded that this Project is not in conflict with known or proposed developments planned in the area.



8.9 RECYCLING OF CONVERSION BYPRODUCTS AND EFFLUENTS

Recycling of conversion byproducts and effluents is not applicable to this type of project.

8.10 POLICIES AND COMMITMENTS TO LIMIT ENVIRONMENTAL IMPACT

ONEOK is committed to conducting its business in compliance with all applicable environmental laws and regulations. These laws, regulations, and standards are designed to safeguard the environment, human health, wildlife, and natural resources.

ONEOK will conduct its activities with the objectives of providing a healthy and safe workplace for its employees and preventing accidents and environmental incidents. All persons and firms providing service to ONEOK are required to conduct their work in compliance with all environmental conditions, permit authorizations, and applicable regulations and will be held accountable for their actions in that regard.

8.11 ENERGY CONSERVATION THROUGH USE OF A PRIMARY ENERGY SOURCE OR RAW MATERIAL

ONEOK is committed to energy conservation through management of energy costs and energy usage in the operations of the Project.

8.12 NON-RELOCATION OF RESIDENTS

No residents will be relocated as a result of the Project.

8.13 DEDICATION OF AN AREA ADJACENT TO THE FACILITY FOR LAND USE SUCH AS RECREATION, AGRICULTURE, OR WILDLIFE MANAGEMENT

ONEOK does not own property adjacent to the proposed Project suitable for recreation, agricultural, or wildlife management purposes. The current land use of properties adjacent to the Project is primarily agricultural/range land (see Exhibit A.3).

The Project will result in the development of a buried pipeline and other industrial type ancillary facilities. No fee property is being acquired for the Project. Therefore, no areas are proposed for dedication.

8.14 SECONDARY USES OF APPROPRIATE ASSOCIATED FACILITIES FOR RECREATION AND THE ENHANCEMENT OF WILDLIFE

The Project will result in the development of a buried pipeline and other industrial type ancillary facilities. As such, these developments are not typically suitable for recreational or wildlife application.

8.15 PROBLEMS RAISED BY FEDERAL, STATE, AND LOCAL AGENCIES

ONEOK provided Project-specific notification to various federal, state, and local agencies. Through this notification process, these agencies have the opportunity to identify possible sensitive environmental resources within the Study Area and to raise concerns based on their technical expertise, as well as to clarify their purview or jurisdiction. Section 6 of this application



summarizes the consultations that have taken place to date, and a complete record of these agency communications is provided in Exhibit F. ONEOK is actively working with federal, state, and local agencies and will address problems that are raised. ONEOK will continue to file agency responses with the Commission as they are received.



9. MITIGATION MEASURES

ONEOK has developed, or is in the process of developing, several Project control documents that will be utilized during construction activities to minimize and mitigate impacts on environmental resources. These plans will be finalized prior to construction and incorporated into contract documents and enforced by ONEOK.

- Stormwater Pollution Prevention Plan
 - Outlines construction stormwater management and erosion/sediment controls.
- Spill Prevention, Control, and Countermeasure Plan
 - Outlines spill prevention and BMPs and provides details on spill response and notification procedures in the event of a spill.
- HDD Inadvertent Release Control and Mitigation Contingency Plan
 - Provides measures to minimize the potential for release of drilling mud during HDD operations. Establishes procedures and responsibilities for containment/cleanup in the event of an inadvertent release.
- Unanticipated Discoveries Plan
 - Provides response measures to be followed in the event of a discovery of cultural resources or human remains during construction.
- Revegetation Plan
 - Describes revegetation and permanent restoration of disturbed ROW. Appropriate seed mixes will be incorporated into this plan. This plan also addresses control of noxious and invasive weeds.
- Dust Control Plan
 - Outlines methods of controlling fugitive dust emissions caused by construction activities/soil exposure.
- Migratory Bird Plan
 - Describes measures to be taken to avoid, minimize, and reduce possible impacts on migratory birds.

The plans, as they relate to specific resources, are referenced in the following sections. In addition to these plans, the Project will be subject to permits from various agencies (environmental permits are discussed in Section 6 and a summary table is included as Exhibit G). To further ensure compliance with permits, plans, obligations, and commitments, ONEOK will employ an EI during the Project. The EI will be responsible for monitoring construction activities and will provide daily reports to ONEOK staff.

9.1 ENVIRONMENTAL TRAINING PLAN

Prior to commencing construction on this Project, ONEOK will conduct environmental training for all Project personnel and contractors who will be working in the field. Those personnel completing the training are provided with a hard-hat sticker; personnel who do not complete training will not be allowed on the Project ROW.



ONEOK will develop a Project-specific presentation which covers environmental expectations, regulations, and ONEOK policy. This presentation will be covered at the Project construction kick-off meeting. The topics covered will include General Guidelines and Contractor Expectations, Project Staff, Project Permits and Plans, Compliance and Mitigation Measures, Cultural Resources and Unanticipated Discoveries, Environmentally Sensitive Areas, and Public Relations. An open question and answer session will be provided to allow contractors and all Project personnel to understand Project-related environmental requirements and processes. New construction personnel will also receive environmental training as they are added to the Project.

9.2 HUMAN ENVIRONMENT

ONEOK will require its construction contractor to clean up, on a daily basis, all personal litter, bottles, and paper deposited by ROW preparation and construction crews. Waste and scrap that is the product of pipeline construction will be removed and properly disposed of in accordance with applicable regulations before construction is completed. To the maximum extent practicable, ONEOK will minimize noise and dust resulting from construction near residential areas.

Paved and gravel public roads will be bored; therefore, use of these facilities will not be disrupted as a result of the Project. ONEOK will obtain applicable permits prior to conducting road crossings. Temporary signs will be posted at each crossing as appropriate to alert motorists to construction activity. Paved roads and railroads will be bored, which will minimize interference with traffic flow caused by construction activities.

As noted above, ONEOK has developed, or is in the process of developing, several Project control plans that will be utilized during construction activities to minimize and mitigate impacts.

9.3 TERRAIN AND GEOLOGICAL RESOURCES

ONEOK will, to the maximum extent practicable, restore the area affected by pipeline construction to its pre-construction condition and contours. Restoration will be compatible with the safe operation, maintenance, and inspection of the pipeline. Measures such as slope breakers, erosion control blankets, and re-vegetation will be employed, as appropriate, to maintain the stability of slopes along the ROW. No crown of backfill material will be left over the trench in wetlands.

Please refer to Sections 6.9 and 7.2.4 for additional discussion regarding potential landslide areas identified by the NDGS within the Project Corridor. ONEOK will keep the NDPSC apprised of its analysis of these areas.

9.4 SOILS

Pipeline construction activities such as clearing, grading, trench excavation, and backfilling, as well as the movement of construction equipment along the ROW, may result in impacts on soil resources. Clearing removes protective cover and exposes soil to the effects of wind and precipitation, which may increase the potential for soil erosion and movement of sediments into sensitive environmental areas. Grading and equipment traffic may compact soil, reducing porosity and percolation rates, which could result in increased runoff potential. Trench excavation and



backfilling could lead to a mixing of topsoil and subsoil and may introduce rocks to the soil surface from deeper soil horizons.

Temporary erosion and sedimentation control measures may include installation of silt fence, straw bales, slope breakers, trench breakers, erosion control fabric, and mulch. To minimize potential impacts on soil productivity, topsoil will be segregated during trench excavation in agricultural land, unsaturated wetlands, and if applicable, other areas where soil productivity is an important consideration. Unless otherwise requested by the landowner, topsoil in cropland will be removed to a maximum depth of 12 inches from the trench and spoil storage area and stored separately from the trench spoil. After the trench is backfilled, topsoil will be returned to its approximate original location in the soil horizon.

Compaction of agricultural soils will be minimized by restricting construction activities during periods of prolonged rainfall. Where unacceptable levels of compaction occur in agricultural lands, a chisel plow or other deep tillage equipment will be utilized to loosen the soil during restoration. ONEOK will retain one or more EIs to monitor the contractor's compliance with applicable requirements to protect soil resources during construction of the Project.

To assist in restoration and reclamation efforts, ONEOK will perform, based on landowner permission, baseline soils and topsoil depth surveys to support construction design and restoration and revegetation efforts. ONEOK plans to complete these surveys prior to construction in August 2025, pending favorable weather conditions. The purpose of the study is to identify existing soil conditions across the entire Project length, highlight problem areas, plan construction controls, and design restoration measures in a more site-specific manner. The results of these studies will provide valuable information to ONEOK to assist in targeted, site-specific restoration. Pending final construction design, geotechnical investigations may be initiated at certain HDD locations to assist in planning the set-up, profile, and completion of boring efforts and to minimize risk for unexpected conditions during construction.

9.5 VEGETATION AND WILDLIFE

ONEOK will clear the ROW to the extent necessary to assure suitable access for construction, safe operation, and maintenance of the pipeline. In areas that require permanent revegetation, ONEOK will specify appropriate seed mixes, application rates, and seeding dates, considering recommendations of appropriate state and federal agencies and landowner requests. In non-agricultural areas, vegetation cleared from extra workspace will be allowed to revegetate after construction depending on arrangements with the landowner. Consequently, significant changes in cover types are not anticipated.

ONEOK will take appropriate precautions to protect livestock and crops from being affected by construction. Operation of the proposed pipeline is not anticipated to significantly affect terrestrial wildlife, fisheries resources, or other aquatic species. Shelter belts and trees will be protected and restored by ONEOK to the extent practicable in a manner compatible with the safe operation, maintenance, and inspection of the pipeline.

Noxious Weeds: To mitigate the spread of noxious weeds, construction equipment will be cleaned before arriving on construction workspaces to prevent the introduction of undesirable



species to the Project area and vegetation and soils will be cleaned from vehicles and equipment, as needed.

Trees and shrubs: ONEOK will comply with the NDPSC's tree and shrub mitigation specifications. ONEOK plans to conduct a formal tree and shrub inventory prior to construction in Summer 2025. The tree and shrub inventory results will be finalized in a separate report and will record the pre-construction status of these resources. Results from these inventories will provide a baseline for tree and shrub mitigation for the Project, which ONEOK assumes will be a condition of the NDPSC's Order. See Section 5.4 for more information. Additional field work may occur prior to construction as the workspace is finalized and pending final regulatory authorization of the Project. The clearing or removal of trees or shrubs will be done selectively and minimally, in a manner that minimizes the disturbance to woody vegetation and in compliance with NDPSC's specifications. The replacement of trees and shrubs will be based upon actual impacts due to construction and NDPSC requirements.

Wetlands and Waterbodies: ONEOK will minimize impacts on wetland and waterbodies by minimizing workspace through these features and by utilizing low impact crossing methods, such as HDD, where appropriate. After completion of waterbody crossings, ONEOK will revegetate disturbed stream banks in accordance with the Revegetation Plan, and requirements of applicable state or federal permits. During construction in unsaturated wetlands, topsoil will be segregated from the trench line to preserve natural sources of seed and rootstock. After the trench is backfilled, the topsoil will be replaced to facilitate the natural revegetation process. Features will be returned to their pre-construction condition and contours.

Wildlife: Project-based conservation measures to minimize potential environmental effects to threatened or endangered, unique or rare plant or animal species are described in Section 5.3.

To the extent practicable, ONEOK will adjust Project execution with the objective of meeting the goals listed above.

9.6 LAND USE

ONEOK will obtain and comply with applicable county permits and zoning and land use regulations. Permits may include, but are not limited to, grade and fill permits, ditch crossing permits, and road and utility permits. ONEOK will retain one or more EIs to monitor compliance with environmental conditions of county or township permits. County and township officials with zoning authority have been identified in Exhibit B.

ONEOK will repair surface drains and drainage tiles disturbed during ROW preparation, construction, and maintenance activities. ONEOK will repair private roads and farm lanes damaged when moving equipment or when obtaining access to the ROW. ONEOK will repair or replace fences and gates removed or damaged as a result of ROW preparation, construction, or maintenance activities.

The Project will be installed at a minimum depth of 48 inches from the surface contour to minimize the potential for environmental damage resulting from deep tillage activities, unless modified to accommodate special construction issues at the site. All undeveloped section line



crossings will be installed at least 60 inches deep per NDPSC standard conditions. Upon installation of the pipeline, all Project locations will be returned to their original pre-construction contours and land use to the extent practicable.

9.7 CULTURAL RESOURCES

Consideration for impacts on cultural resources have occurred throughout the course of the Project. Avoidance is the preferred method of treatment for historic properties. As discussed in Sections 5.1 and 6.8, ONEOK performed a review of cultural resources, including review of previous surveys and archaeological and historic structure files. ONEOK has consulted with the ND SHPO on cultural resources and avoidance measures for sites in the vicinity of the Project. Refer to Sections 5.1 and 6.8. Correspondence with the ND SHPO is provided in Exhibit F.

There is always the potential during construction to encounter previously unknown cultural resources or human remains. As such, ONEOK has developed a Project-specific Unanticipated Discoveries Plan that describes the actions to be taken in the event a previously unrecorded paleontological or cultural resource site is discovered during construction activities, specifically calling for work to stop until the appropriate authority can be contacted. This plan will be incorporated into contract documents and implemented throughout the Project.

10. DEVELOPMENT

10.1 AREAS OF KNOWN GEOLOGIC INSTABILITY

As noted in Sections 6.9 and 7.2.4, NDGS confirmed that there are no geological areas of concern.

10.2 PRESENT AND FUTURE NATURAL RESOURCE DEVELOPMENT IN THE AREA

A small percentage of North Dakota is held in public ownership. Of the 45 million acres of land in the state, less than 3 million are owned in fee title by state and federal land management agencies. Most of these agencies work in cooperation with private producers in managing these lands. For example, the NDGFD leases certain tracts of wildlife management areas for grazing, haying, and food plots. The USFS manages land for multiple uses and the sustained yield of renewable resources such as water, forage, wildlife, and recreation, as well as industry such as oil and gas development.

As discussed in Section 7.1.1, there are no national parks, national memorial parks, national historic sites and landmarks, national wilderness areas, or national monuments located within the Project Corridor. There are no designated or registered state parks, sites, monuments, or nature preserves along the Project Corridor. There are no county parks, recreational areas, municipal parks, or parks owned or administered by other governmental subdivisions crossed by the route. As such, there will be no direct impacts on national parks, sites, monuments, or wilderness. As discussed in Section 7.2.1, there are no federally managed wildlife areas; wild, scenic, or recreational rivers; or wildlife refuges within the Study Area, Project Corridor, or Route. The land use along the pipeline route is primarily in agricultural production with a significant number of oil wells and other pipeline systems and associated infrastructure in the area. As the pipeline is a buried utility, surface land use will generally return to preexisting conditions once the pipeline is installed.

Other known development projects in the vicinity of the Project are discussed in Section 8.8 of this application. ONEOK is not aware of federal, state, or local natural resource development plans within the Project Corridor or Study Area.

11. QUALIFICATIONS OF PREPARERS

Abel Resendez

Project Manager, ONEOK, Inc.

Degree: B.S. Petroleum Engineering, University of Tulsa

Mr. Resendez has been managing pipeline related projects in various regions which ONEOK operates in over the past 5 years. As project manager for the Tioga Extension Project, Mr. Resendez manages and coordinates activities of the project team to execute the Project. Mr. Resendez is responsible for oversight of the entire planning, siting, construction, and restoration process. He is tasked with meeting the commercial objectives and schedule of the project while maintaining strict compliance with all federal, state, and local regulations.

Bill Miller

Environmental Project Manager, ONEOK, Inc.

Degree: B.A. Environmental Policy, University of Kansas

Mr. Miller has been managing environmental and regulatory compliance in the development of pipelines and other midstream oil and gas infrastructure for 27 years and has been supporting ONEOK project development throughout the mid-continent region for 20 years. As environmental project manager for the Tioga Extension Project, he is responsible for environmental compliance and permitting throughout the planning, siting, construction and restoration phases of the Project.

Maddy Krumwiede

Consulting Director, ERM

Degrees: M.B.A., North Dakota State University
B.S. Civil Engineering

Ms. Krumwiede has 14 years of experience in the water resources and environmental regulation fields and has been consulting on environmental and regulatory compliance for pipeline projects for 13 years. Her experience in the environmental field includes project management, interdisciplinary coordination, project planning and environmental regulatory strategy for energy projects. She is skilled in coordinating between the project team and local, state and federal units of government. She supports projects with early identification of environmental constraints, routing, development of alternatives to minimize environmental impacts, and preparation of local, state and federal permit applications.

Alexandra Kenna

Senior Environmental Consultant, ERM

Degree: M.S., University of Georgia
B.S. Biology

Ms. Kenna has 5 years of experience in environmental regulation and permitting for oil and gas projects. Her experience includes interpretation and analysis of environmental regulations, coordinating environmental field surveys, permit preparation and review, and conducting environmental training and compliance inspections. Ms. Kenna supports the routing and permitting of multi-scope and complex projects, including identifications of environmental constraints, federal, state, and local permitting, and agency interaction regarding compliance, permitting, and mitigation.



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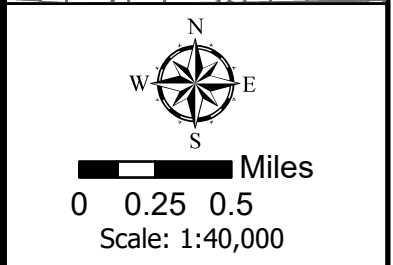
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EXHIBIT A PROJECT MAPS



Exhibit A.1 Project Overview Map



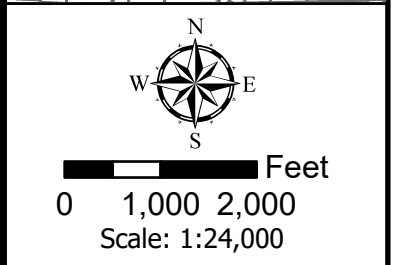
- Legend**
- Milepost
 - Proposed Route

Exhibit A.1
Project Overview
 Tioga Extension Project
 Williams County, ND





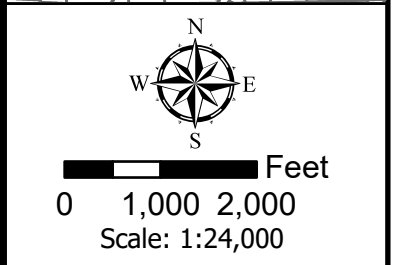
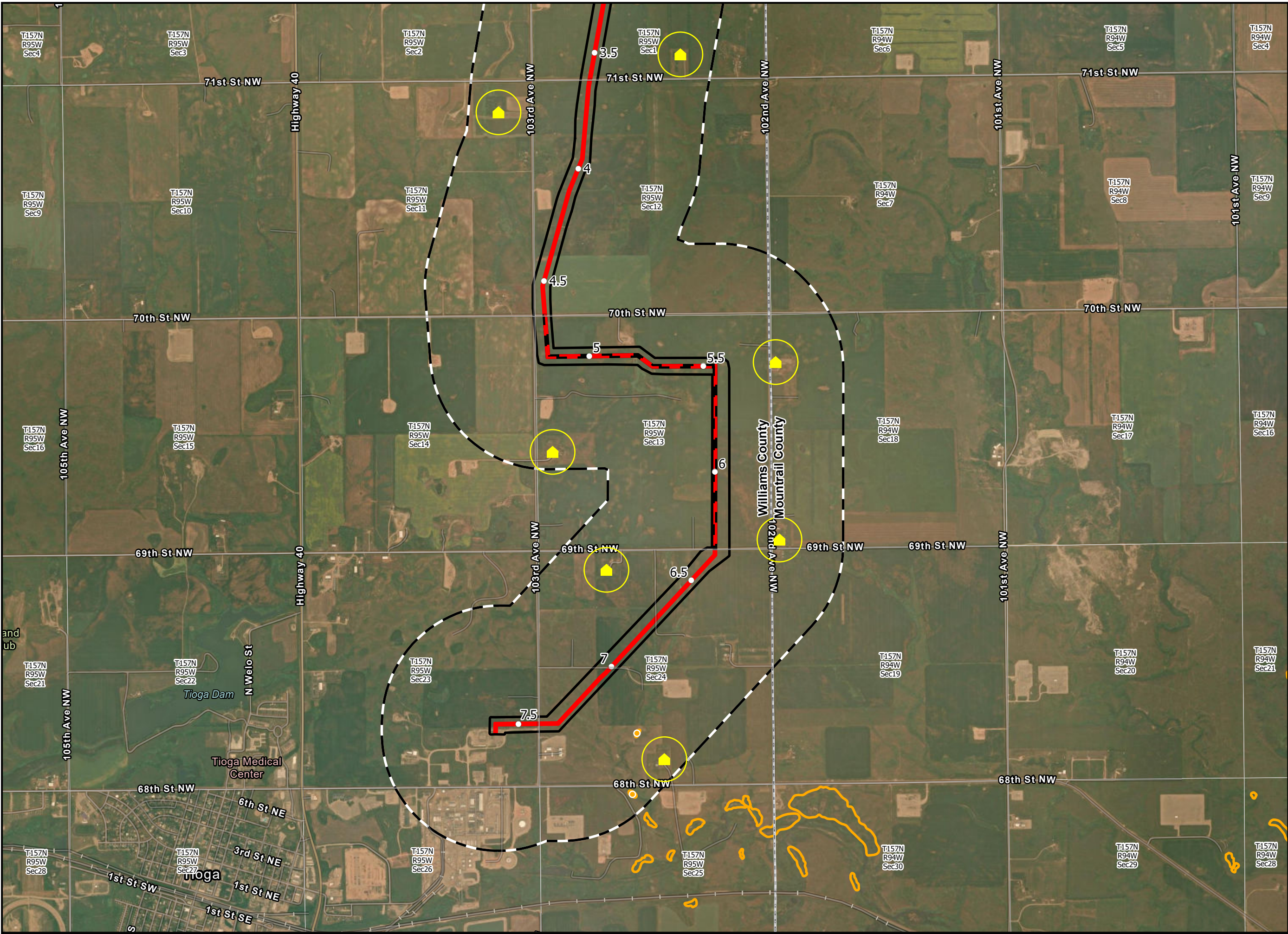
Exhibit A.2 Avoidance and Exclusion Maps



- Legend**
- Milepost
 - 🏠 Occupied Residence
 - ▭ Co-located Route
 - ▭ Not Co-located Route
 - ▭ Project Corridor
 - ▭ 1 Mile Study Area
 - ▭ Occupied Residence (500' Buffer)
 - ▭ Section Boundary
 - ▭ County Boundary

Exhibit A.2
Avoidance and
Exclusion Maps
Tioga Extension Project
Williams County, ND
 Page 1 of 2





Legend

- Milepost
- 🏠 Occupied Residence
- Potential for Future Slope Instability
- ▭ Co-located Route
- ▭ Not Co-located Route
- ▭ Project Corridor
- ▭ 1 Mile Study Area
- 🏠 Occupied Residence (500' Buffer)
- 🟡 Landslide Deposits
- ▭ Section Boundary
- ▭ County Boundary

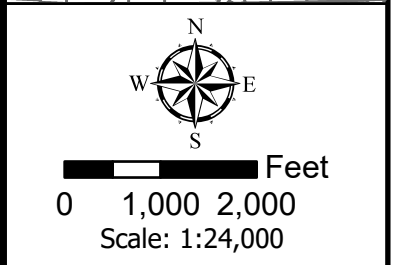
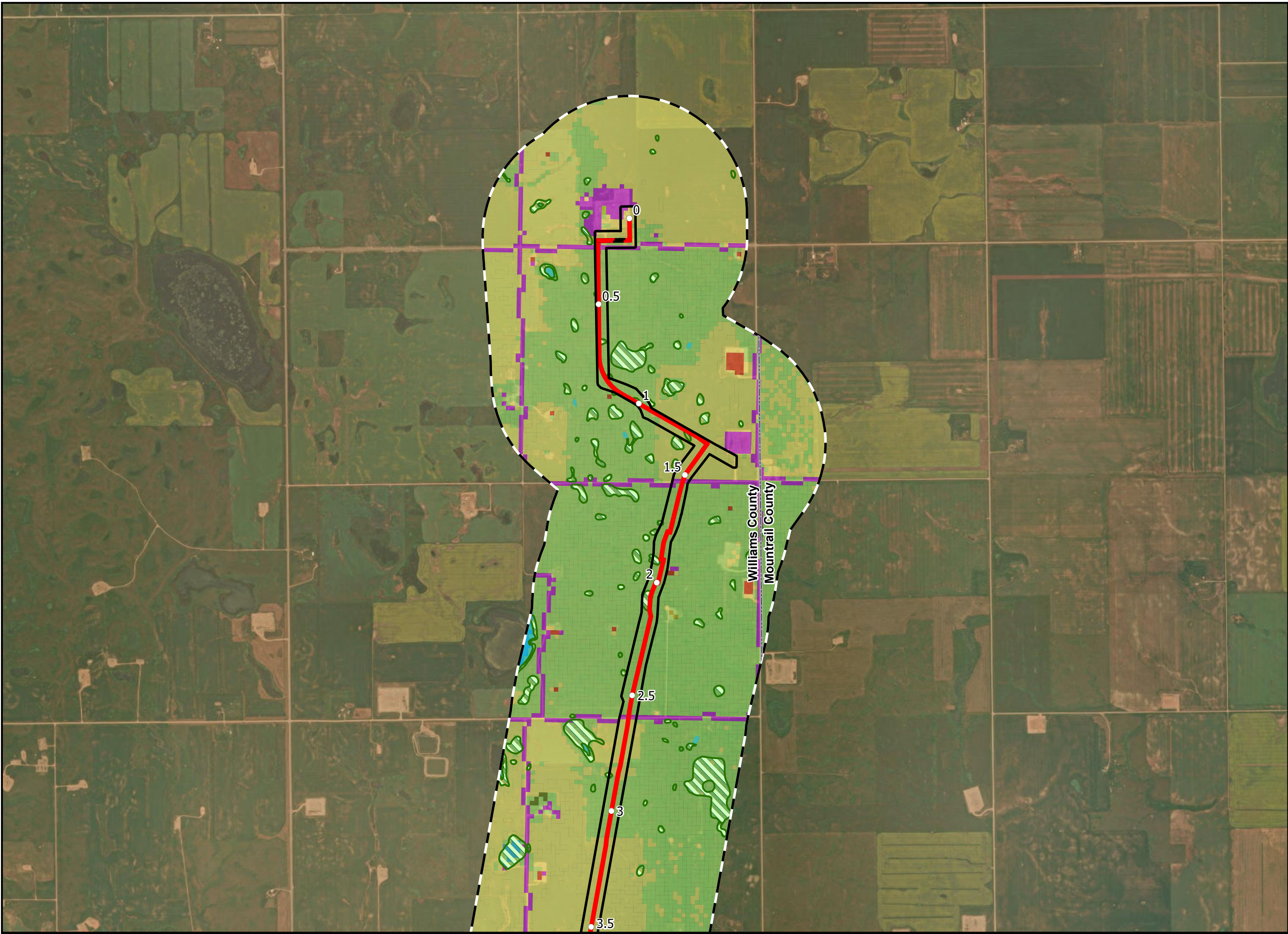
Exhibit A.2
Avoidance and
Exclusion Maps
 Tioga Extension Project
 Williams County, ND
 Page 2 of 2



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Exhibit A.3 Land Use/Land Cover Maps

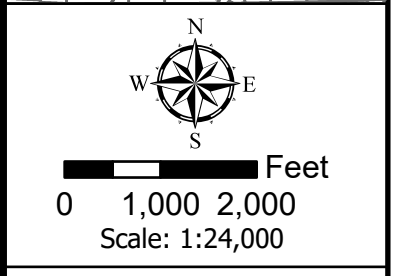
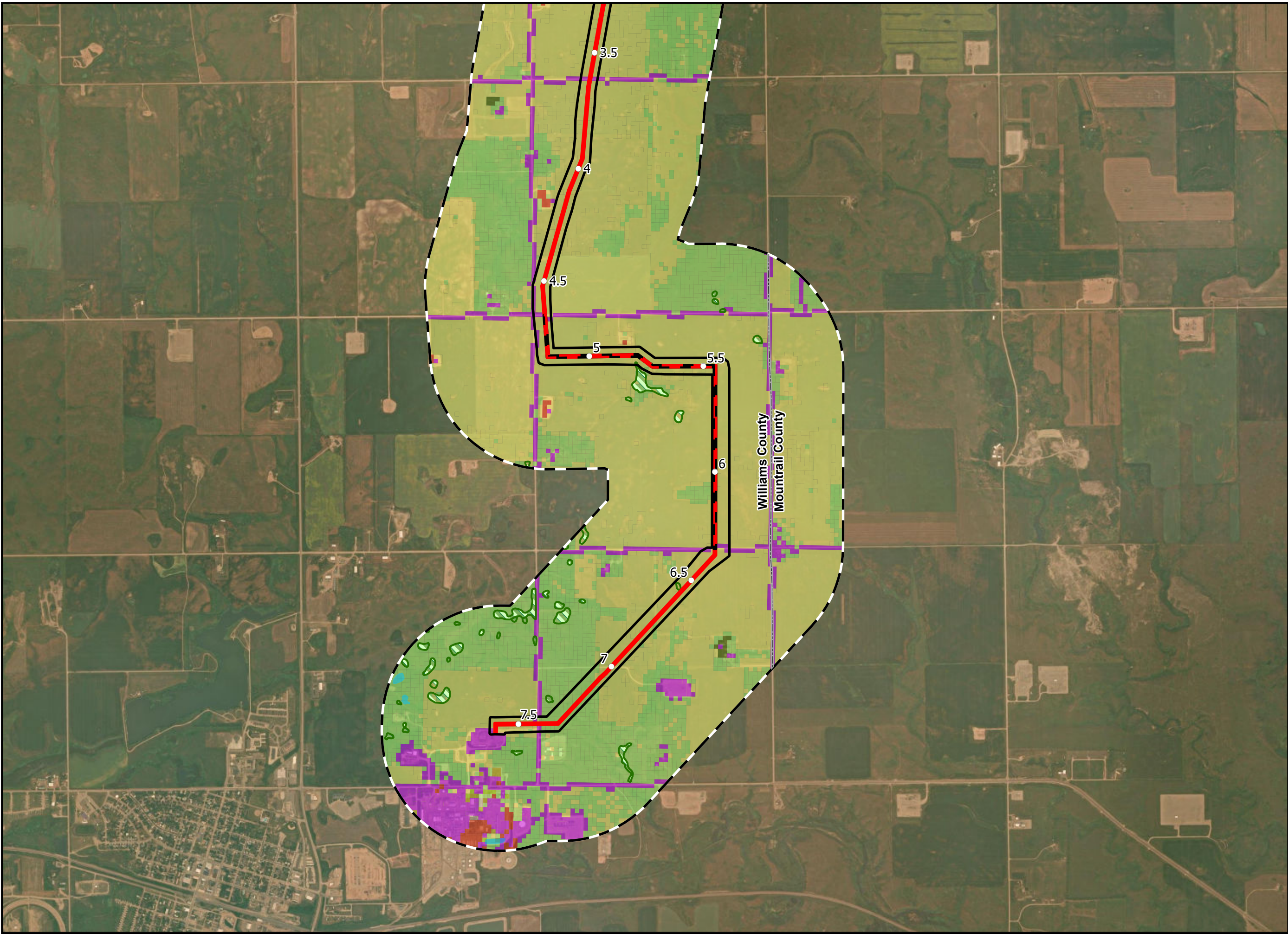


Legend

- Milepost
- ▭ Co-located Route
- ▭ Not Co-located Route
- ▭ Project Corridor
- ▭ 1 Mile Study Area
- ▭ Developed
- ▭ Agricultural
- ▭ Open Water
- ▭ Quarries
- ▭ Herb Cover
- ▭ Shrub Cover
- ▭ Sparse Vegetation
- ▭ Tree Cover
- ▭ Freshwater Emergent Wetland
- ▭ County Boundary

Exhibit A.3
Land Use/
Land Cover Maps
 Tioga Extension Project
 Williams County, ND
 Page 1 of 2





Legend

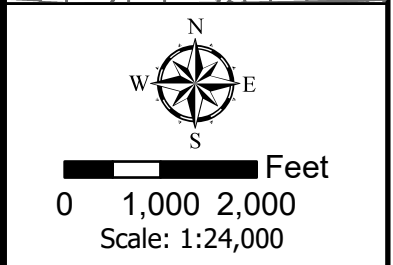
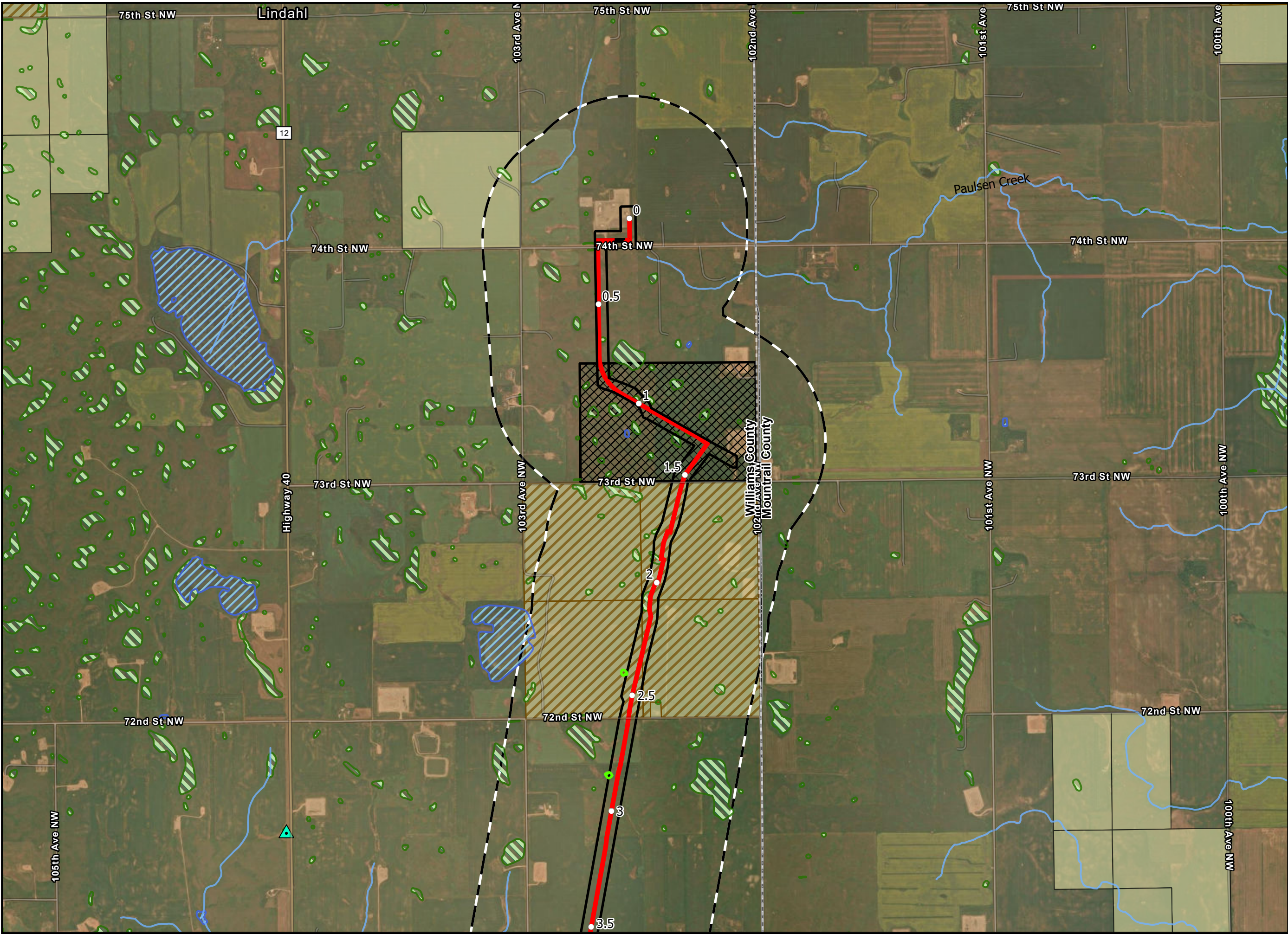
- Milepost
- ▭ Co-located Route
- ▭ Not Co-located Route
- ▭ Project Corridor
- ▭ 1 Mile Study Area
- ▭ Barren
- ▭ Developed
- ▭ Agricultural
- ▭ Quarries
- ▭ Herb Cover
- ▭ Shrub Cover
- ▭ Sparse Vegetation
- ▭ Tree Cover
- ▭ Freshwater Emergent Wetland
- ▭ County Boundary

Exhibit A.3
Land Use/
Land Cover Maps
Tioga Extension Project
Williams County, ND
 Page 2 of 2





Exhibit A.4 Selection Criteria Maps



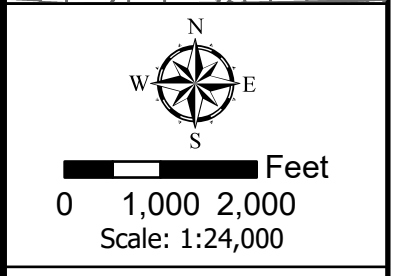
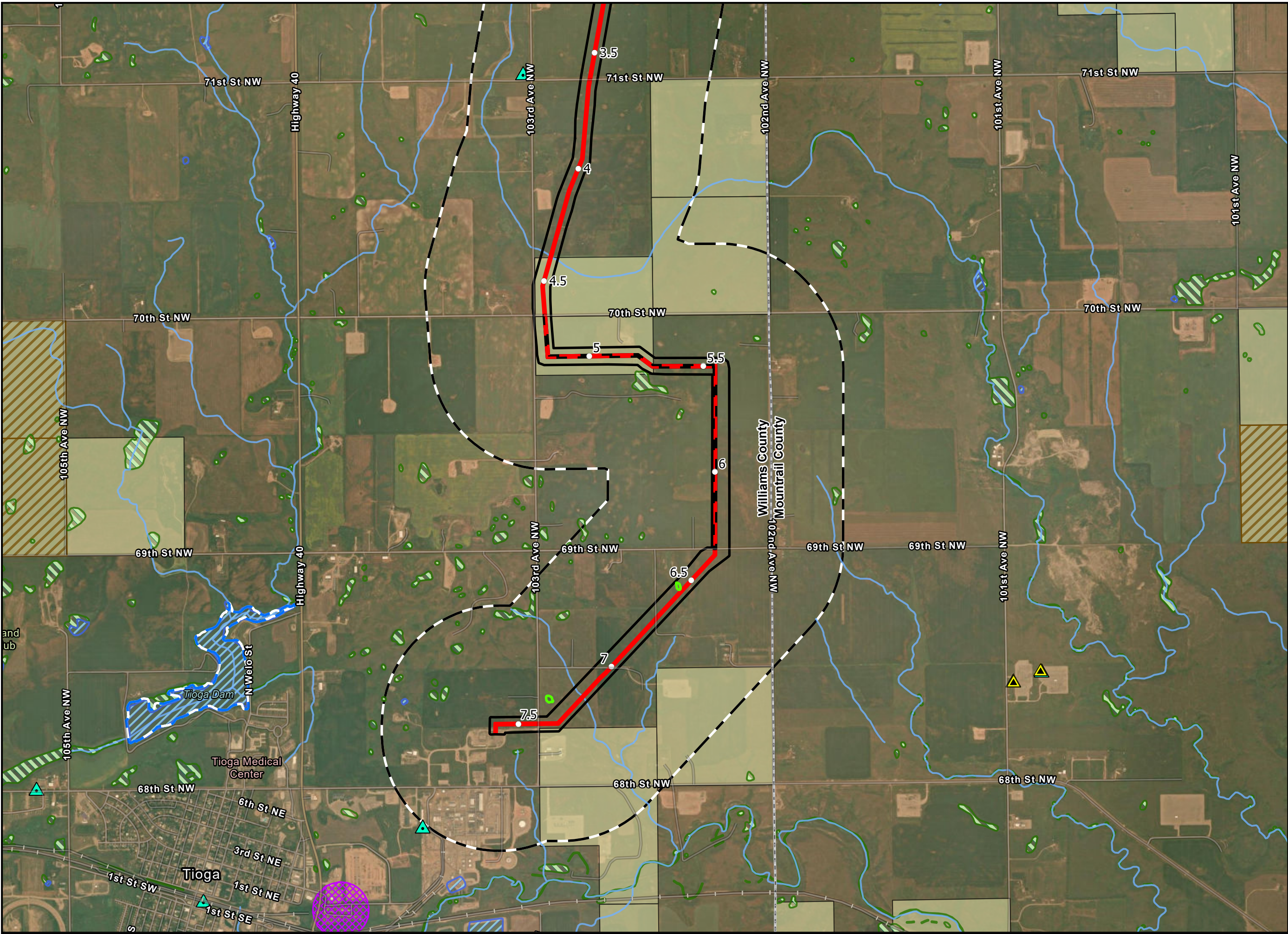
Legend

- Milepost
- ▲ Antenna Structure
- ▭ Co-located Route
- ▭ Not Co-located Route
- ▭ Project Corridor
- ▭ 1 Mile Study Area
- ▨ FWS Wetland Easement
- ▨ Desktop Wetland
- ▨ NWI Wetland
- ▨ NWI Waterbody
- NHD Flowline
- ▨ NDDTL- School Trust Land
- ▨ NDDTL-Mineral Trust Lands
- ▭ County Boundary

Exhibit A.4
Selection Criteria (other)
Maps
Tioga Extension Project
Williams County, ND
 Page 1 of 2



REVISED: 04/21/2025 DRAWN BY: JSS



Legend

- Milepost
- ▲ Antenna Structure
- ▲ Microwave Location
- ▭ Co-located Route
- ▭ Not Co-located Route
- ▭ Project Corridor
- - - 1 Mile Study Area
- ▨ Desktop Wetland
- ▨ NWI Wetland
- ▨ NWI Waterbody
- ▨ Reservoir
- ▨ NHD Flowline
- ▨ NDDTL- School Trust Land
- ▨ NDDTL-Mineral Trust Lands
- ▨ Community Wellhead Protection Area - Inactive
- ▭ County Boundary

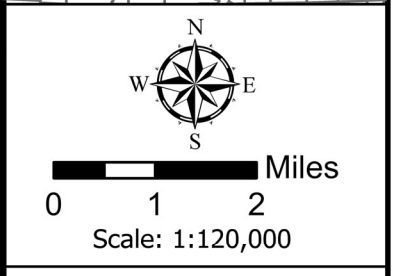
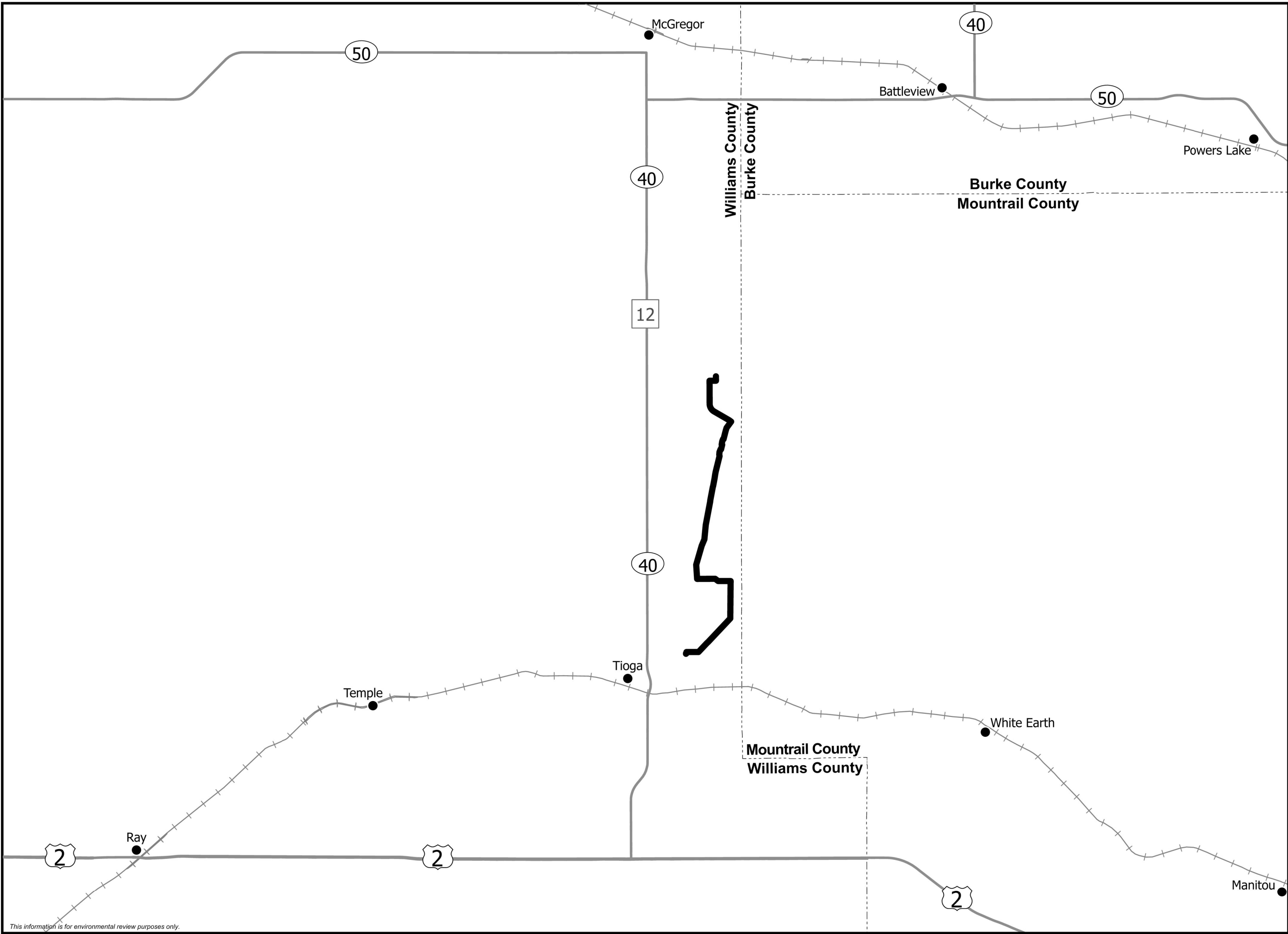
Exhibit A.4
Selection Criteria
Maps
Tioga Extension Project
Williams County, ND
 Page 2 of 2



REVISION: 04/16/2025 DRAWN BY: JSS



Exhibit A.5 Black and White Map for Publication



Legend

— Project Route

**Exhibit A.5
Project Overview
Tioga Extension Project
Williams County, ND**





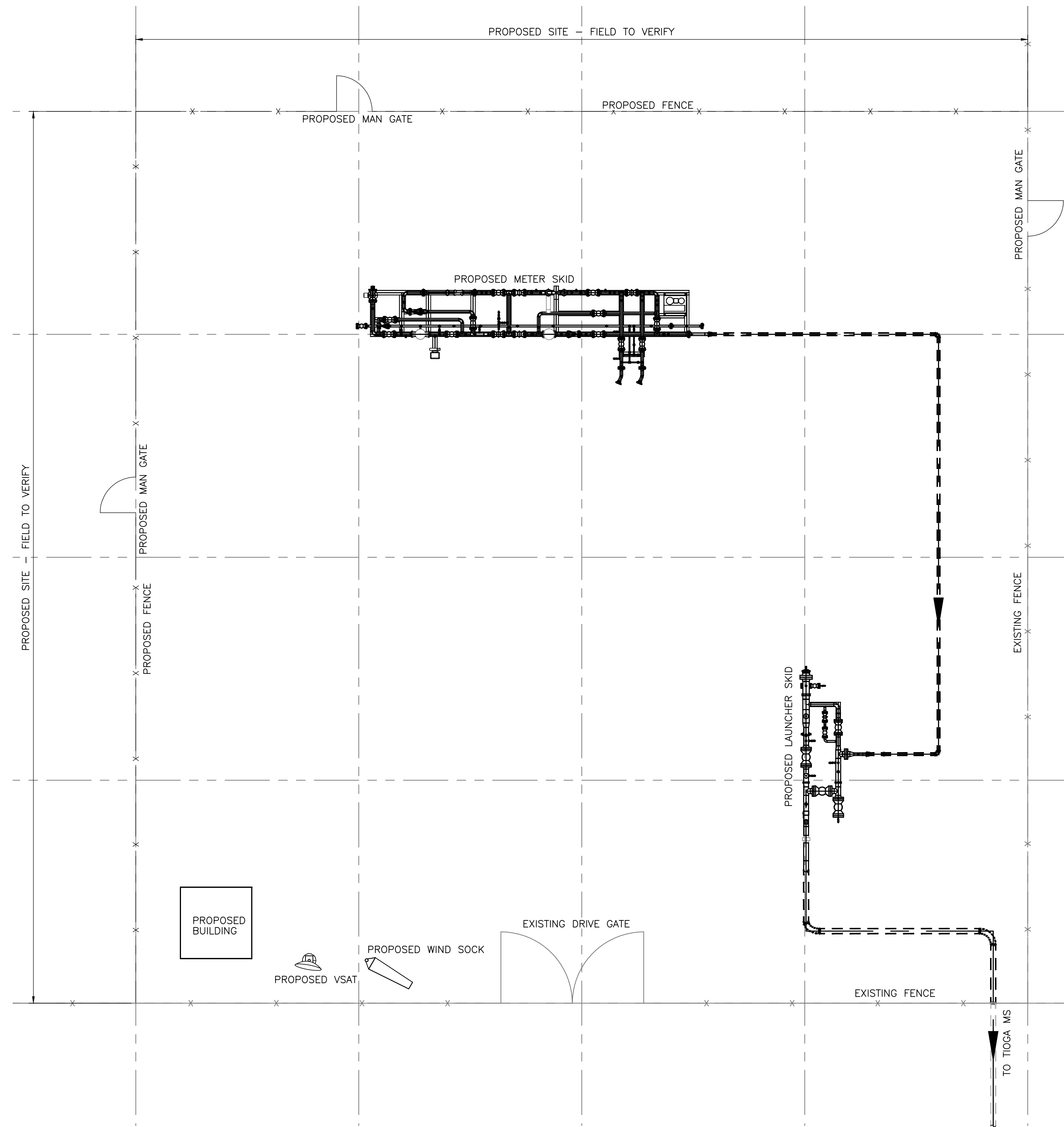
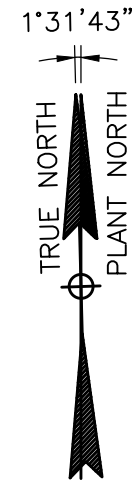
EXHIBIT B COUNTY/TOWNSHIP OFFICIALS CONTACT INFORMATION

**ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
County/Local Officials - Contact Information**

Agency	Title(s)	Contact	Address	Phone	Email
Williams County					
Board of Commissioners	Auditor's Office NDSU Extension North Star Human Service Zone Parks Weed Control	Beau Anderson	5045 153rd Ave NW Williston, ND 58801	701-641-6196	beaua@co.williams.nd.us
Board of Commissioners	Assessor's Office Economic Development Sheriff's Office Vector Control	Steve Kemp	13927 Western Way Williston, ND 58801	701-570-3354	stevek@co.williams.nd.us
Board of Commissioners	Dispatch Center Emergency Management Facility Services Finance Public Safety Advisory Board	Cory Hanson	2506 12th Ave W Williston, ND 58801	701-339-6553	coryh@co.williams.nd.us
Board of Commissioners	Adolescent Care Center DMV State's Attorney's Office Treasurer's Office Recorder's Office	Chris Walstad	304 14th St E Williston, ND 58801	701-978-4490	chrisw@co.williams.nd.us
Board of Commissioners	Development Services Highway Public Safety Advisory Board Veteran's Service Office	Barry Ramberg	6559 102nd Rd NW P.O. Box 854 Tioga, ND 58852	701-570-1350	barryr@co.williams.nd.us
Planning and Zoning	Development Serviced Director	Kameron Hymer	P.O. Box 2047 Williston, ND 58802- 2047	Not Available/Unknown	kameronh@co.williams.nd.us
Townships					
Tioga	Chairman	Clarence Stewart	Not Available/Unknown	701-664-2883	Not Available/Unknown
	Supervisor	Todd Beasley	Not Available/Unknown	480-695-2117	Not Available/Unknown
	Supervisor	Carey Longie	Not Available/Unknown	701-641-3830	Not Available/Unknown
	Clerk	Trevor Almer	PO Box 1824 Tioga, ND 58852	701-609-0709	Not Available/Unknown
Lindahl	Chairman	Jim McGinnity	Not Available/Unknown	701-641-3324	Not Available/Unknown
	Supervisor	Jerol Gohrick	Not Available/Unknown	701-641-2077	Not Available/Unknown
	Supervisor	Paul Eraas	Not Available/Unknown	701-664-2735	Not Available/Unknown
	Clerk/Treasurer	Brenda Kutter	Not Available/Unknown	701-641-3030	Not Available/Unknown
Cities					
City of Tioga	Community Service Director	Dan Larson	16 1st St NE PO Box 218 Tioga, ND 58852	Not Available/Unknown	CommunityServices@cityoftioga.com



EXHIBIT C ENGINEERING DRAWINGS



ISSUED FOR PERMIT PURPOSE ONLY
 04/14/2025

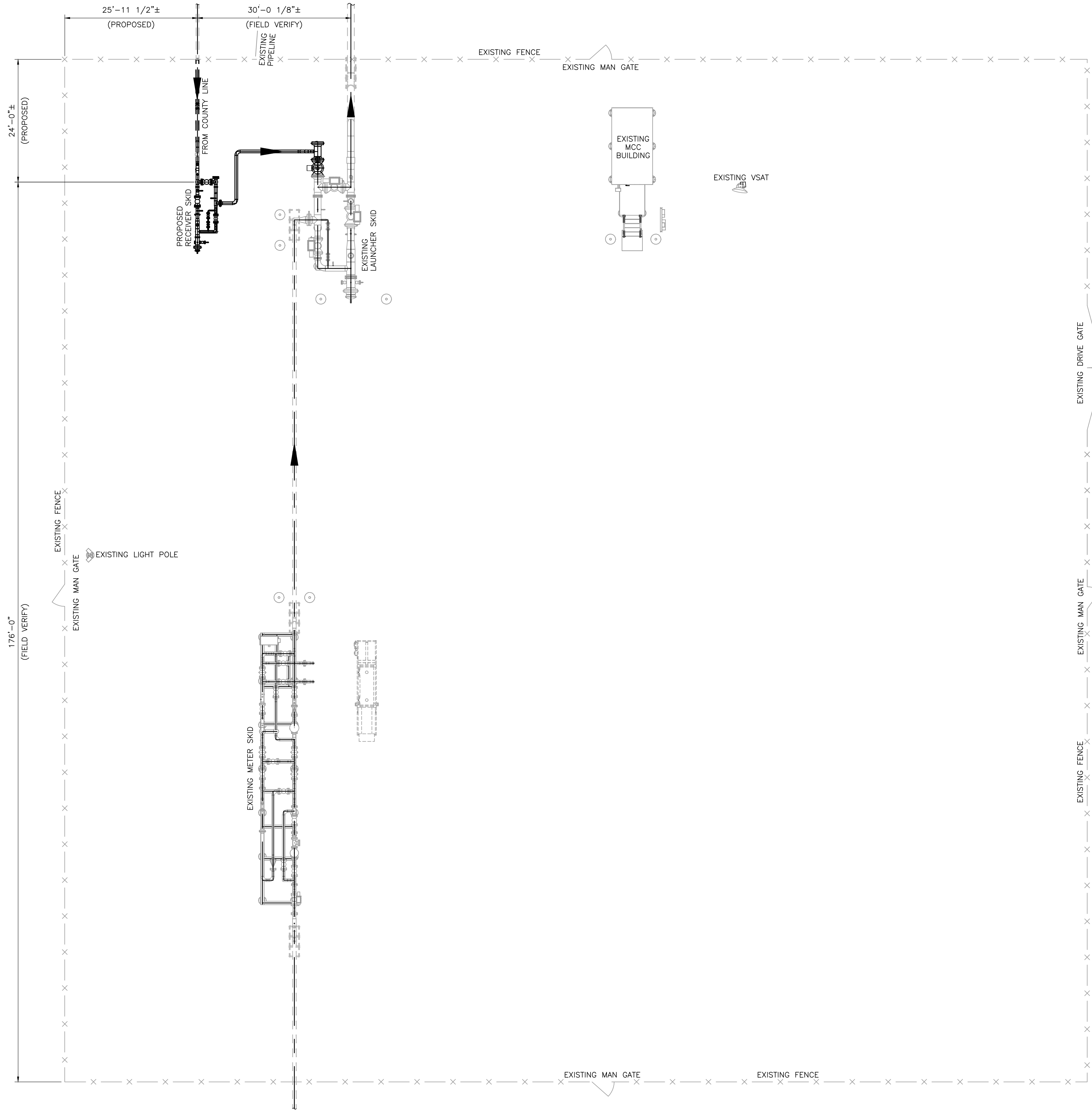
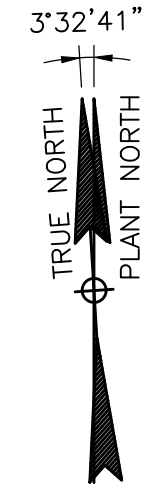
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DWG. NO.	REFERENCE DRAWING TITLE	NO.	REVISION-DESCRIPTION	BY	DATE	BOOK NO.	PAGES	SCALE	OLD DWG #
			C ISSUED FOR PERMIT	BAC	04/14/25			1/8"=1'-0"	
			B REVISED ISSUED FOR REVIEW - FOR DISCUSSION	BAC	03/14/25				
			A ISSUED FOR REVIEW	BAC	02/14/25				

BY	DATE	W.O.	DRAWN	AS BUILT	P.L. OR STA NO.	OLD DWG #
BAC	01/25	ENIPSSWA PSW-010-2023-3670-13245				

ONEOK PIPELINE
 A SUBSIDIARY OF ONEOK PARTNERS
TIOGA EXTENSION PIPELINE COUNTY LINE PLANT PLOT PLAN
 WILLIAMS CO. NORTH DAKOTA
 DWG. NO. BAK-M-SIL-HLL-M1



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DWG. NO.	REFERENCE DRAWING TITLE	NO.	REVISION-DESCRIPTION	BY	DATE	BOOK NO.	PAGES	SCALE
		B	ISSUED FOR PERMIT	BAC	04/14/25			3/32" = 1'-0"
		A	ISSUED FOR REVIEW	BAC	02/14/25			

 TIoga EXTENSION PIPELINE HESS TIoga METER SITE PLOT PLAN WILLIAMS CO. NORTH DAKOTA	W.O. ENIPSSWA PSW-010-2023-3670-13245 P.L. OR STA NO. OLD DWG #
DWG. NO. BAK-M-TIO-M1	



EXHIBIT D LEVEL I DELINEATION REPORT





Tioga Extension Pipeline Project

Level I Delineation Report

PREPARED FOR



DATE

10 March 2025

REFERENCE

0760120

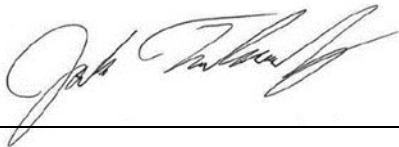
Tioga Extension Project

Level I Delineation Report



Cody Vicenik

Senior Consultant, Biologist



Jake Fahrenkrog, PWS

Principal, Project Management

ERM Minneapolis

222 South 9th Street, Suite 2900
Minneapolis, Minnesota
55402

T: +1 612 347 6789

F: +1 612 347 6780

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TABLE 2	OFF-SITE DELINEATED WETLAND FEATURES
TABLE 3	OFF-SITE DELINEATED WATERBODY FEATURES

APPENDECIES

APPENDIX A	FIGURES
APPENDIX B	CLIMATE DATA
APPENDIX C	OFF-SITE HYDOLOGY ANALYSIS

ACRONYMS AND ABBREVIATIONS

Acronyms	Description
APT	USACE Antecedent Precipitation Tool
ERM	Environmental Resources Management, Inc
FACW	Facultative Wetland
FEMA	Federal Emergency Management Agency
FR	Federal Register
HUC	Hydrologic Unit Code
NHD	National Hydrography Dataset
NRCS	Natural Resources Conservation Service
NWI	National Wetlands Inventory
ONEOK	ONEOK, Inc.
PEM	Palustrine Emergent
RPW	Relatively Permanent Water
SSURGO	Soil Survey Geographic database
TNW	Traditional Navigable Water
U.S.	United States
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
WOTUS	Waters of the United States

1. INTRODUCTION

Environmental Resources Management (ERM) is providing environmental support services to ONEOK Bakken Pipeline, L.L.C. (ONEOK) for the Tioga Extension Project (Project), an approximate 7.6-mile-long, 6-inch-diameter new construction natural gas liquids pipeline in Williams County, North Dakota. The Project will originate at the existing Silver Hill County Line Gas Plant and terminate at the existing Hess Tioga Plant, where ONEOK will deliver natural gas liquids into ONEOK's Tioga Lateral Pipeline.

ERM developed the following off-site aquatic delineation report to assess and describe wetlands and waterbodies within the Project Area. The Project Area is defined as a corridor of varying width as provided by ONEOK to accommodate Project routing and workspace planning. The total Project Area assessed in this report is approximately 652.26 acres.

The purpose and objective of the off-site aquatic delineation is to identify the extent and spatial arrangement of aquatic features within the Project Area. This report presents the methods used by ERM to identify potential aquatic resources and the results of the Level I delineation of those resources. In addition, ERM reviewed each wetland and waterbody identified within the Project Area and assessed the potential status of these resources under Section 404 of the Clean Water Act (CWA) jurisdictional Waters of the United States (WOTUS)¹. Wetlands and waterways that are considered WOTUS are subject to regulation under Section 404 of the CWA, with jurisdictional authority resting with the U.S. Army Corps of Engineers (USACE).

Appendices include figures (**Appendix A**), climate data (**Appendix B**), and historic imagery used in hydrologic analysis (**Appendix C**).

2. SITE LOCATION

The Project spans approximately 7.6 miles in Williams County, North Dakota, beginning at coordinates 48.490524, -102.897447 within the Silver Hill County Line Gas Plant, and terminating at coordinates 48.404816, -102.911059, at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant. The Project area is depicted on the USGS 7.5-minute topographic quadrangle map, Tioga, North Dakota (**Appendix A, Figure 1**), and is located within the Northern Great Plains Resource Region and Major Land Resource Area (MLRA) Central Dark Brown Glaciated Plains (53B). The Project is located within three watersheds, each identified by a 12-digit Hydrologic Unit Code (HUC): the Town of Tioga watershed (HUC 101101011402), the Tioga Municipal Airport-Paulsen Creek watershed (HUC 101101011404), and the Beauty Valley-Paulsen Creek watershed (HUC 101101011403).

¹ WOTUS jurisdiction was evaluated by the Final Rule for Regulatory Programs of the Corps of Engineers, 51 Federal Register (FR) 41206 (November 13, 1986); Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993); U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction; following the U.S. Supreme Court's Decision in *Rapanos v. United States & Carabell v. United States* (December 2, 2008); and *Sackett v. EPA*, 598 U.S. 651 (2023).

3. METHODS

ERM completed wetland and waterbody delineations using methodology outlined in the *USACE 1987 Wetlands Delineation Manual* (Environmental Laboratory 1987), along with the *USACE Regional Supplement for the Great Plains* (USACE 2010). Additionally, ERM reviewed each wetland and waterbody identified within the Project Area and assessed the likely jurisdictional status under the current regulations.

3.1 WETLANDS

Wetland determinations were based on the criteria and Level I methods outlined in the *USACE 1987 Wetlands Delineation Manual* (Environmental Laboratory 1987), along with the *USACE Regional Supplement for the Great Plains* (USACE 2010). The wetland determination involved the use of available resources, such as U.S. Geological Survey (USGS) topographic maps, U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) soil survey, National Wetland Inventory (NWI) mapping, National Hydrography Dataset (NHD), and aerial photography.

Level I wetland delineation were made using available aerial imagery (see **Appendix C**). The aerial imagery was reviewed for the appearance of wetland signatures. Wetland signatures are characteristics viewed in aerial imagery that correlate with the presence of wetland hydrology. Wetland signatures may vary based on the type and seasonal date of the aerial imagery. Commonly recognized signatures in aerial imagery as described in State Offsite Methods specified by the USDA Natural Resources Conservation Service (NRCS, 2017) and Guidance for Offsite Hydrology/Wetland Determinations (USACE, 2016) are detailed below:

1. Crop Stress – differences in vigor of plated crops compared to surrounding conditions due to wetness. Often seen as a different color compared to surrounding vegetation of the same type.
2. Drowned Out – areas that appear to have been tilled/planted, but the crop has been drowned out.
3. Not Cropped – areas within or adjacent to a cropped field that appear to be bare or in natural vegetation rather than cropped.
4. Standing Water – areas where surface water is visible, usually appear black or white in aerial imagery.
5. Altered Pattern – areas with differences in cropping patterns because of delayed planting during the early part of the growing season due to wetness.
6. Soil Wetness Signature – areas where the soils are darker in color due to saturation; standing water may also be present.
7. Wetland Signature – areas that have greener vegetation during dry conditions. Also, the presence of a wetland in non-cropped areas based on vegetative cover.
8. Normal Vegetative Cover or No Soil Wetness – areas of potential wetland seen in other imagery that cannot be readily distinguished from known adjacent upland areas or an area that is distinguishable from the adjacent upland for factors other than wetness (i.e. droughty conditions).



A series of historic aerial photos were selected for review. Based on the date each aerial photo was captured, the 3-month antecedent precipitation history was compiled using the USACE’s Antecedent Precipitation Tool (**Appendix B, Climate Data**). Aerial photographs from 2004, 2014, 2015, 2018-2020, and 2023 were evaluated because each of these years were found to have normal precipitation levels in the 3-month period prior to creation of the aerial photograph. Evidence (signatures) of potential wetland hydrology was identified by reviewing the photographs for standing water, soil saturation, crop stress, crop drown out, or inability to seed crops in saturated locations. The NWI and hydric soil data (USFWS 2024; NRCS 2024) are incorporated as part of the evaluation of the likelihood of wetlands present at the locations where aerial photograph signatures were identified (**Appendix C, Hydrologic Analysis**). Areas of likely wetlands identified by the assessment were digitized in ArcGIS online.

3.2 WATERBODIES

Waterways such as creeks, streams, rivers, ditches, channels, and water bodies such as ponds, lakes, reservoirs, and impoundments within the Project Area were identified based on reviewing the NHD obtained from the USGS. In addition to NHD and NWI data, aerial imagery was reviewed for the appearance of various hydrologic signatures. Waterway and waterbodies were evaluated for characteristics such as standing water, bed, banks, approximate width, readily measurable depths, evidence of flow, water marks, culverts and other connections to off-site waterways. ERM evaluated if each waterway could be jurisdictional or provide a connection to wetlands either within or outside the Project Area.

4. EXISTING DATA AND SITE CONDITIONS

A total of 25 NWI mapped features were identified as Palustrine Emergent (PEM) wetlands within the Project Area, depicted in **Appendix A, Figure 2**. PEM wetlands within the Project Area included persistent and nonpersistent subclasses within temporary flooded and season flooded modifiers, and a partial drained or ditched special modifier.

A total of 22 soil series are mapped in the Project Area (USDA-NRCS 2024). Of these, two soil series are predominantly or entirely hydric (90-100 percent) and cover 17.11 acres of the 652.26 acres in the Project Area. Most of the soil series have hydric inclusions that comprise three percent or less of the map units. The USDA NRCS soils in the Project Area are depicted in **Appendix A, Figure 3** and listed below in **Table 1**.

Table 1 – Hydric Soils within Project Area

Map Unit Symbol	Rating (Percent)	Hydric Classification	Area (Acres)
C132B	2	Not Hydric	62.91
C132C	2	Not Hydric	13.80
C135C	3	Not Hydric	115.70

Map Unit Symbol	Rating (Percent)	Hydric Classification	Area (Acres)
C135D	3	Not Hydric	62.13
C148C	30	Not Hydric	112.43
C153E	8	Not Hydric	0.04
C155F	3	Not Hydric	5.11
C156F	3	Not Hydric	24.32
C210A	3	Not Hydric	1.00
C210B	3	Not Hydric	175.68
C272A	41	Not Hydric	10.62
C419A	5	Not Hydric	4.08
C451A	1	Not Hydric	25.56
C818B	0	Not Hydric	2.60
C818C	0	Not Hydric	2.34
C874B	2	Not Hydric	1.77
C874C	1	Not Hydric	3.74
C877B	1	Not Hydric	3.76
C905C	0	Not Hydric	3.95
C906E	0	Not Hydric	3.59
C2A	90	Hydric	3.75
C3A	100	Hydric	13.36
Total			652.26



5. RESULTS AND DISCUSSION

Results of the Level I delineation conducted in January 2025, identified 29 potential wetlands totaling 27.43 acres and two potential waterways measuring 932 linear feet within the Project Area. The identified wetlands consisted of twenty-five NWI mapped wetland features, four additional PEM wetlands observed in historical aerial imagery, and two NHD mapped intermittent waterways. The wetland types identified within the Project Area consist of the PEM community type. PEM wetlands can encompass a variety of habitat types such as wet meadows, swales, seasonally flooded basins, and herbaceous marshes. Some of these wetlands, particularly seasonally flooded basins, may be subject to agricultural use. Two NHD mapped intermittent streams were identified within the Project Area. Findings are summarized in **Tables 2 and 3**, below, and depicted in **Appendix A, Figure 4**.

Each of the identified wetlands and waterways located within the Project Area are likely considered non-jurisdictional, as they are lacking a continuous surface connection to a Traditional Navigable Water (TNW) or Relatively Permanent Water (RPW). Tables 2 and 3 provide a list of each individual wetland and waterbody feature within the Project Area and the assumed jurisdictional status.

Table 2 - Delineated Wetland Features

Feature ID	Wetland Classification ¹	Location (degrees latitude, degrees longitude)	Area (acres)	Potential Jurisdiction ²	Downstream Connection
WETP 1	PEM1A	48.47785942, -102.8906675	0.65	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 2	PEM1A	48.47712796, -102.89705804	0.17	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 3	PEM1A	48.48262815, -102.9001044	0.41	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 4	PEM1C	48.48163874, -102.8977149	7.89	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 5	PEM1A	48.48048866, -102.8994142	0.26	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 6	PEM1A	48.4798184, -102.9017466	0.19	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 7	PEM1A	48.47952889, -102.8989599	0.26	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW

Feature ID	Wetland Classification ¹	Location (degrees latitude, degrees longitude)	Area (acres)	Potential Jurisdiction ²	Downstream Connection
WETP 8	PEM1A	48.47895089, -102.896993	0.44	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 9	PEM1A	48.47886198, -102.8956242	0.34	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 10	PEM1A	48.47827095, -102.8989568	1.66	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 11	PEM1C	48.47785942, -102.8906675	0.95	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 12	PEM1C	48.47712796, -102.897058	1.61	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 13	PEM1A	48.47679079, -102.8922497	0.38	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 14	PEM1C	48.47635911, -102.8932252	1.34	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 15	PEM1Ad	48.47506558, -102.8934248	0.54	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 16	PEM1A	48.471453, -102.8948633	0.23	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 17	PEM1C	48.47089814, -102.8954601	0.34	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 18	PEM1A	48.47055768, -102.8961851	0.34	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 19	PEM1C	48.46942655, -102.897057	1.06	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 20	PEM1C	48.46919782, -102.8954564	0.84	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW

Feature ID	Wetland Classification ¹	Location (degrees latitude, degrees longitude)	Area (acres)	Potential Jurisdiction ²	Downstream Connection
WETP 21	PEM1A	48.46820456, -102.8971013	0.41	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 22	PEM1A	48.4675365, -102.8985605	0.26	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 23	PEM1C	48.46672072, -102.8961737	1.70	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 24	PEM1A	48.46336478, -102.8986865	0.16	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 25	PEM1A	48.46226303, -102.8983633	0.29	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 26	PEM1A	48.45596918, -102.8998664	0.32	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 27	PEM1C	48.42622405, -102.897281	3.76	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 28	PEM1a	48.41374721, -102.8943841	0.26	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW
WETP 29	PEM1A	48.40688019, -102.9064145	0.39	Not a water of the United States	Lacks a continuous surface connection to a TNW/RPW

¹ Per the Cowardin wetland classification system. Federal Geographic Data Committee. 2013. Classification of wetlands and deepwater habitats of the United States. FGDC-STD-004-2013. Second Edition. Wetlands Subcommittee, Federal Geographic Data Committee and U.S. Fish and Wildlife Service, Washington, DC.

² As defined in the Final Rule for Regulatory Programs of the Corps of Engineers, 51 FR 41206 (November 13, 1986); Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993); U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction; following the U.S. Supreme Court's Decision in *Rapanos v. United States* & *Carabell v. United States* (December 2, 2008); and *Sackett v. EPA*, 598 U.S. 651 (2023).

Table 3 - Delineated Waterway Features

Feature ID	NWI Designated Feature Classification ¹	Location (degrees latitude, degrees longitude)	Total length in Survey Area (LF ¹)	Jurisdiction ²	Justification
WB 1	R4SBC	48.43419952, -102.9059326	489	Not a water of the United States	Evidence of a definable bed and bank or ordinary high-water mark was not observed in multiple years of aerial imagery. Lacks a continuous surface connection to a TNW/RPW. Nearest likely RPW is located approximately 4,700 feet to the southeast.
WB 2	R4SBC	48.40733985, -102.9035671	443	Not a water of the United States	Evidence of a definable bed and bank or ordinary high-water mark was not observed in multiple years of aerial imagery. Lacks a continuous surface connection to a TNW/RPW. Nearest likely RPW is located approximately 1,545 feet to the southeast.

¹ Per the Cowardin wetland classification system. Federal Geographic Data Committee. 2013. Classification of wetlands and deepwater habitats of the United States. FGDC-STD-004-2013. Second Edition. Wetlands Subcommittee, Federal Geographic Data Committee and U.S. Fish and Wildlife Service, Washington, DC.

² As defined in the Final Rule for Regulatory Programs of the Corps of Engineers, 51 FR 41206 (November 13, 1986); Clean Water Act Regulatory Programs, 58 FR 45008 (August 25, 1993); U.S. EPA & U.S. Army Corps of Engineers, Clean Water Act Jurisdiction; following the U.S. Supreme Court’s Decision in Rapanos v. United States & Carabell v. United States (December 2, 2008); and Sackett v. EPA, 598 U.S. 651 (2023).

6. CONCLUSION

On behalf of ONEOK, Inc., ERM conducted a Level I delineation within the 652.26-acre Project Area for the Tioga Extension Project in Williams County, North Dakota. The purpose was to identify the extent and spatial arrangement of wetlands and waterway features within the Project Area, and to assess each feature’s potential WOTUS status. The assessment was performed by experienced and qualified professionals using standard scientific based practices.

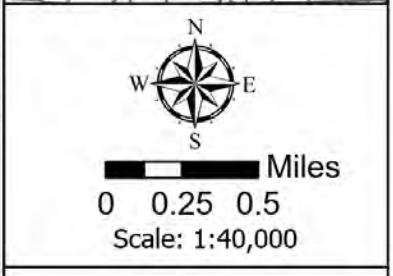
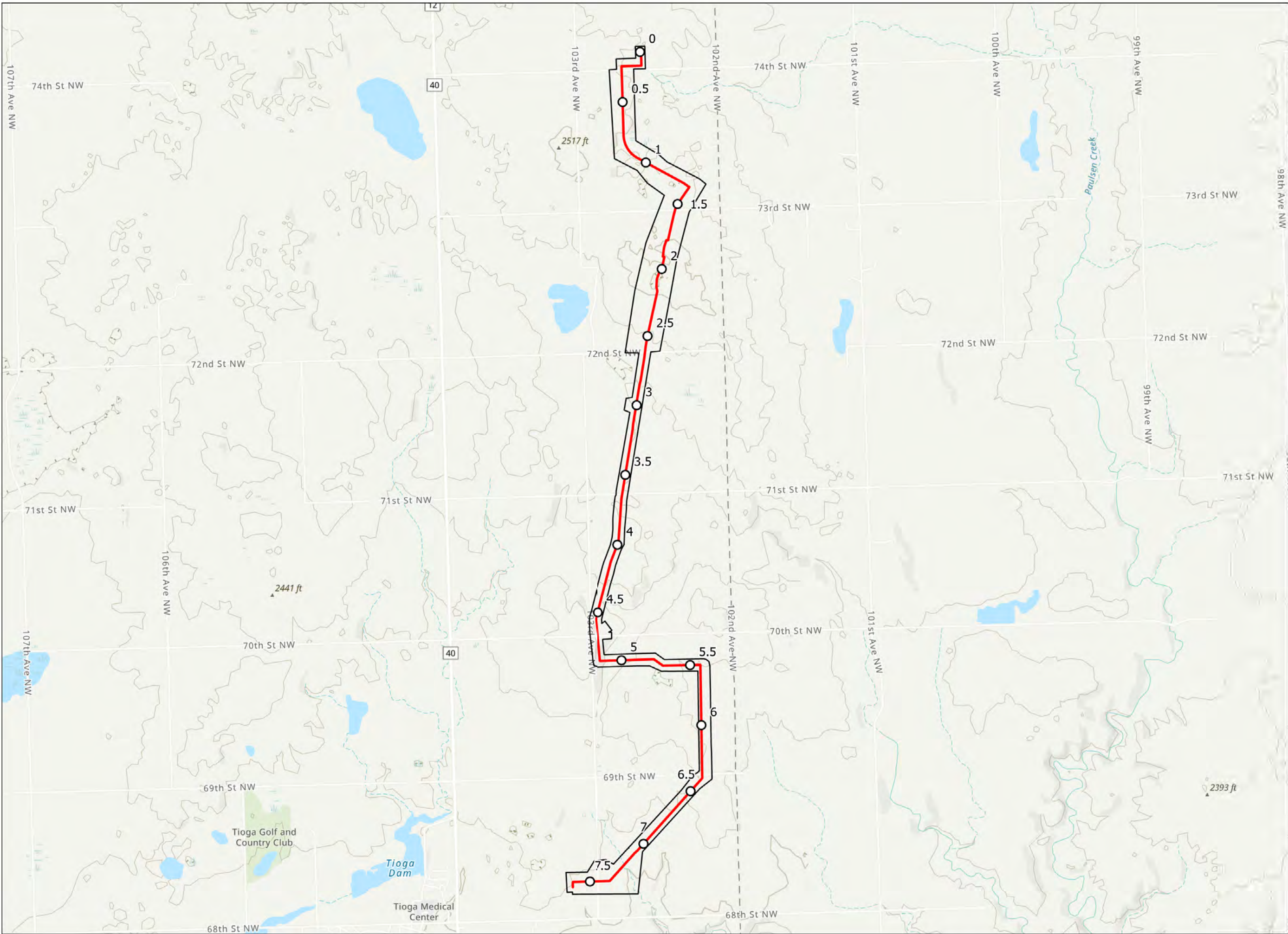
A total of 29 wetlands totaling 27.43 acres, and two waterways totaling 932 linear feet, were identified within the Project Area. Each identified wetland and waterbody were determined to be likely not a WOTUS, lacking a continuous surface connection to TNW and RPW.

7. REFERENCES

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APPENDIX A FIGURES

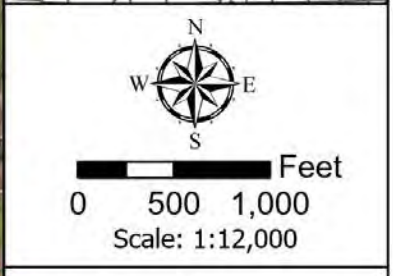
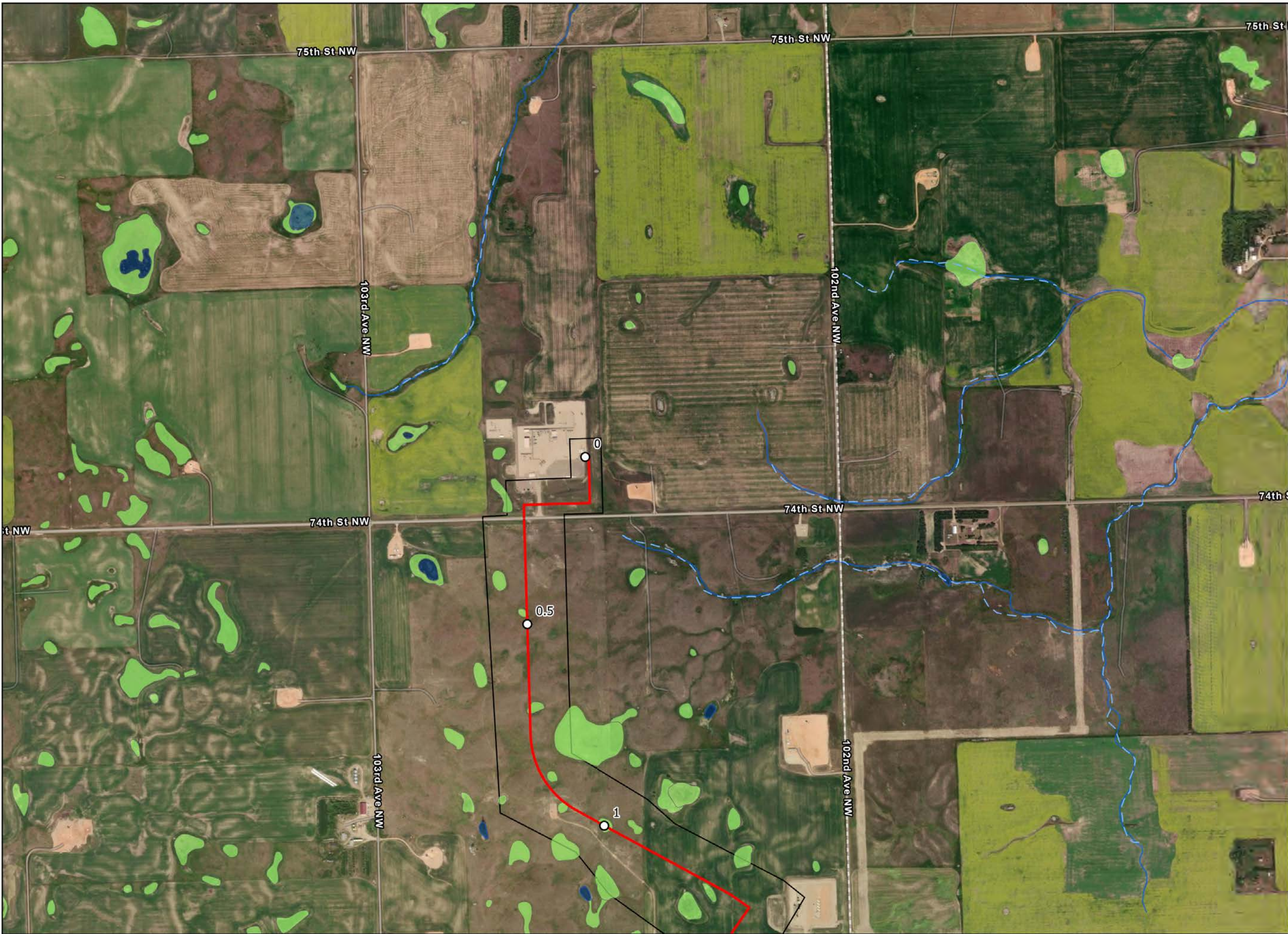




- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area

Figure 1
Topographic
Tioga Extension Project
Williams County, ND

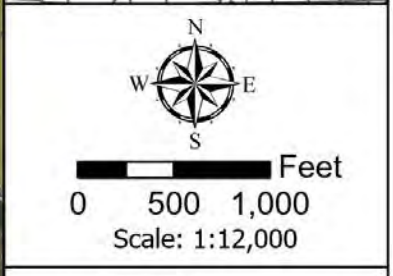
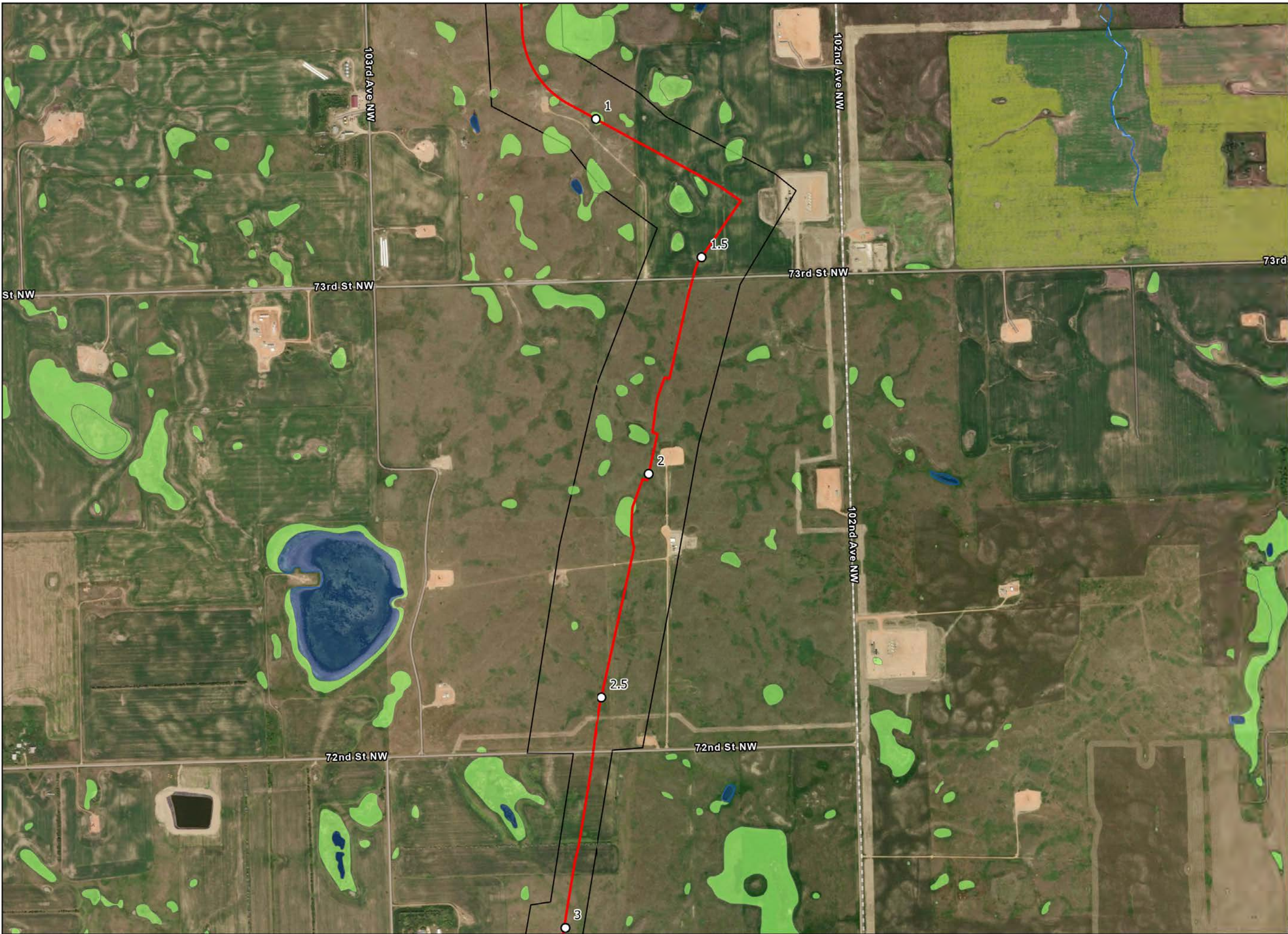




- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- NHD Flowline**
- - - Intermittent Stream
- NWI Features**
- Waterbody
 - Wetland

Figure 2
National Wetland
Inventory
 Tioga Extension Project
 Williams County, ND
 Page 1 of 5

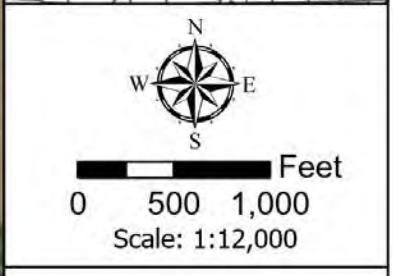
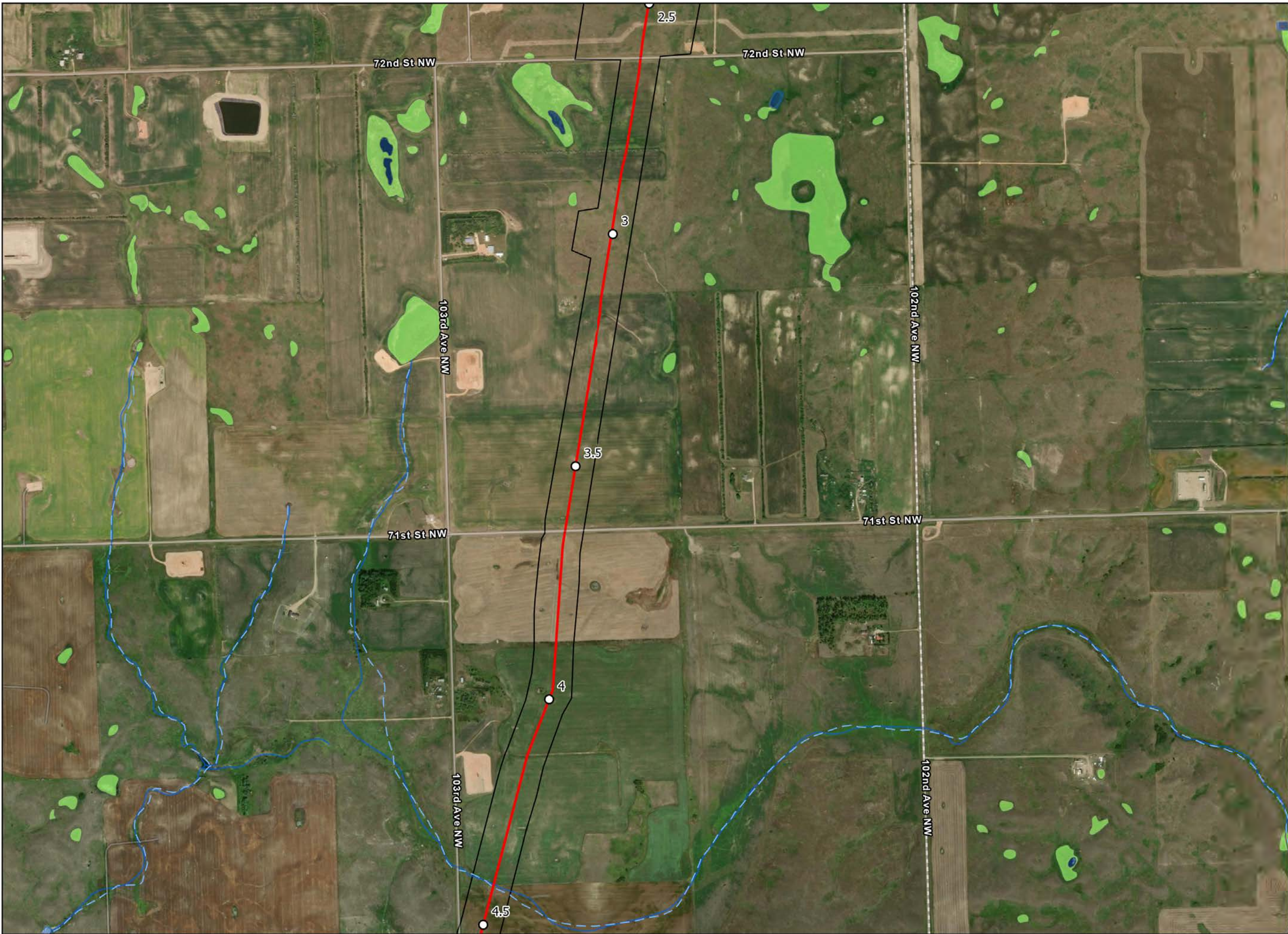




- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- NHD Flowline**
- Intermittent Stream
- NWI Features**
- Waterbody
 - Wetland

Figure 2
National Wetland Inventory
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5

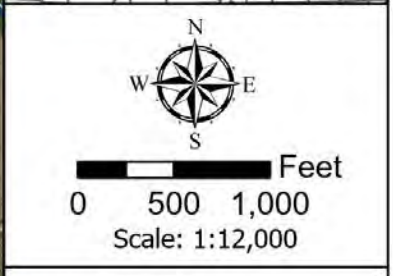
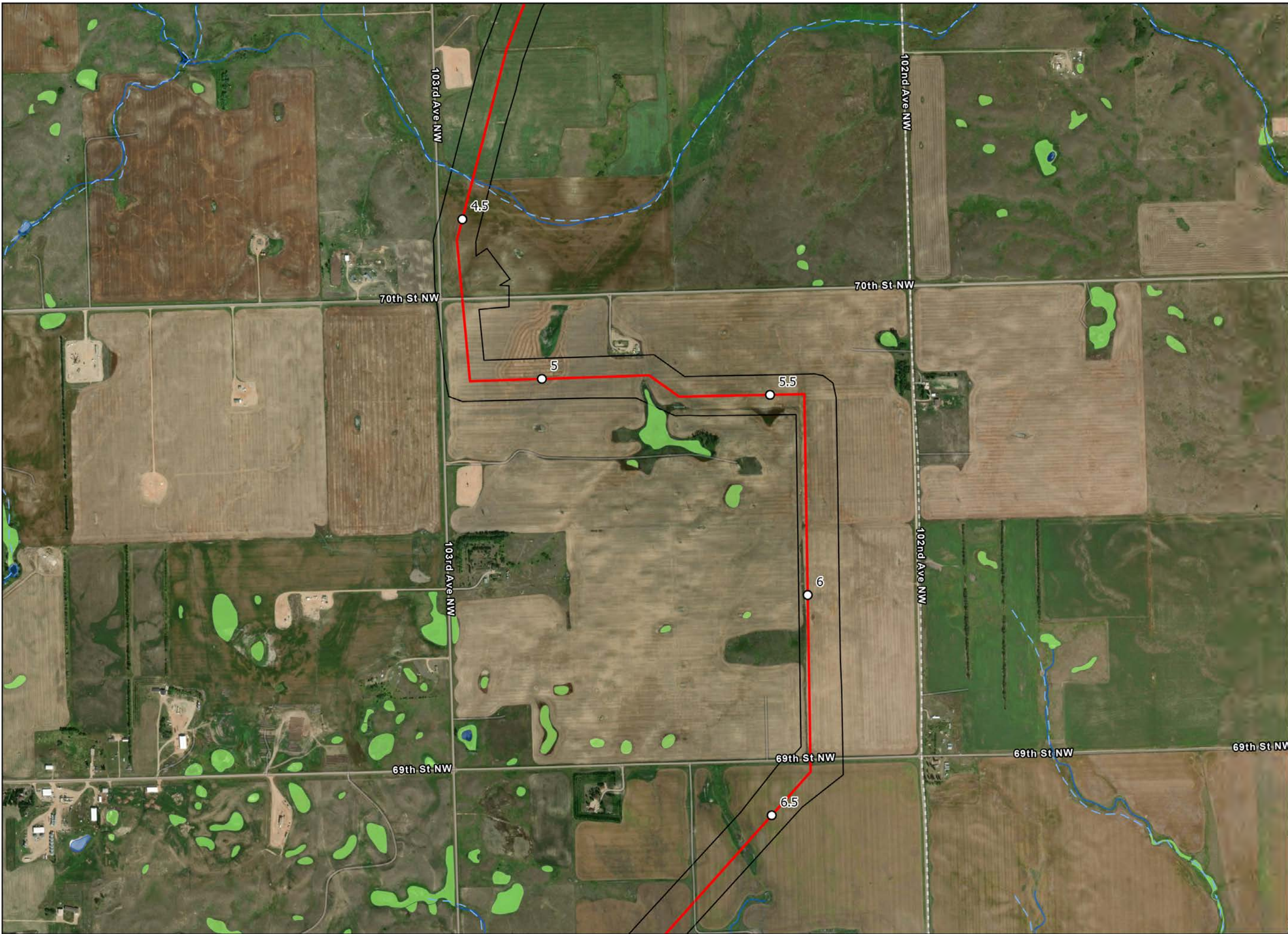




- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- NHD Flowline**
- - - Intermittent Stream
- NWI Features**
- Waterbody
 - Wetland

Figure 2
National Wetland Inventory
 Tioga Extension Project
 Williams County, ND
 Page 3 of 5

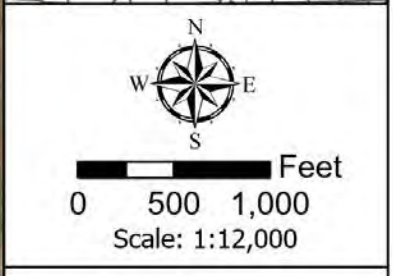
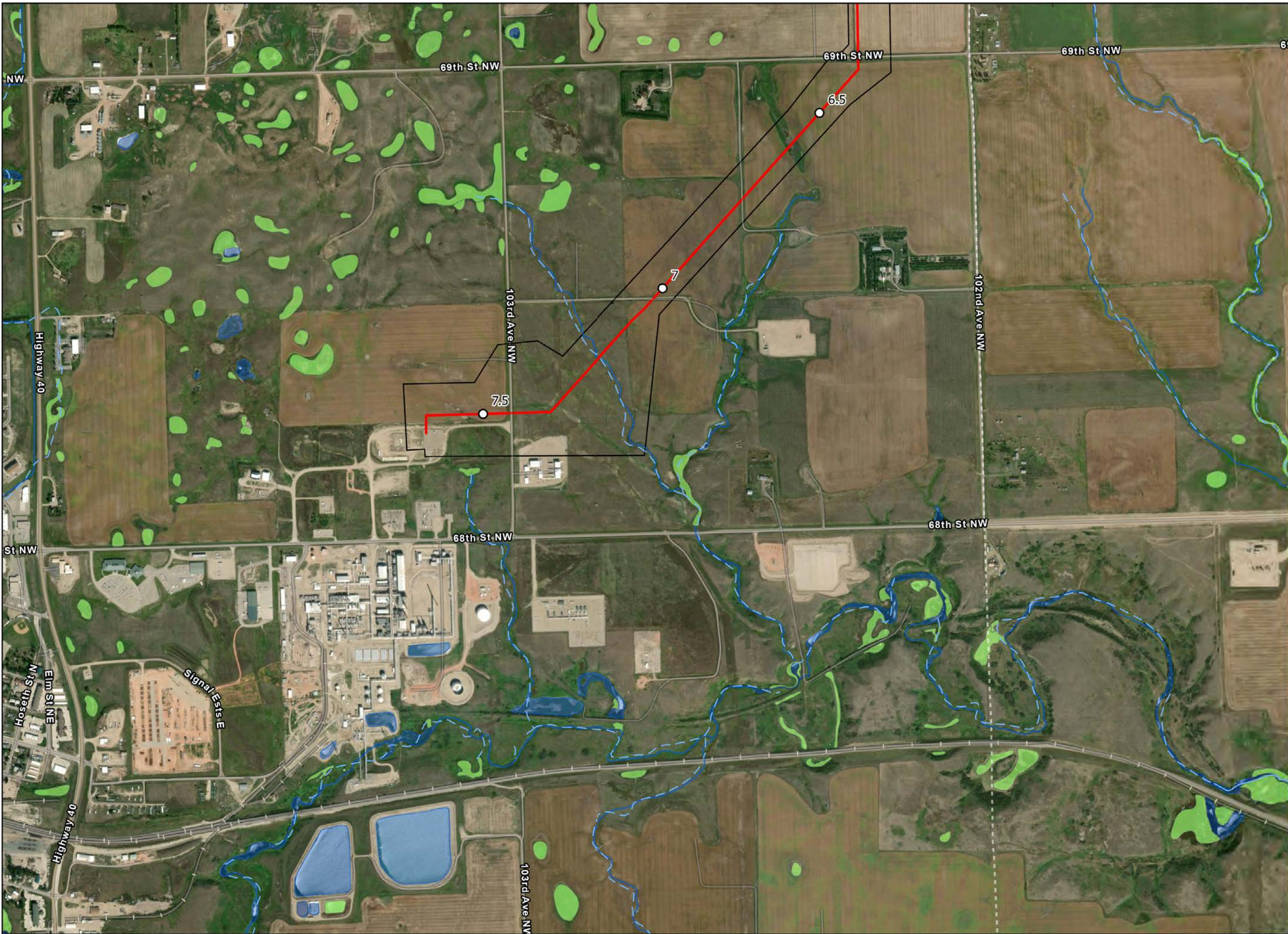




- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- NHD Flowline**
- Intermittent Stream
- NWI Features**
- Waterbody
 - Wetland

Figure 2
National Wetland Inventory
 Tioga Extension Project
 Williams County, ND
 Page 4 of 5



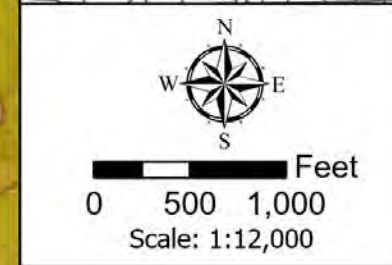
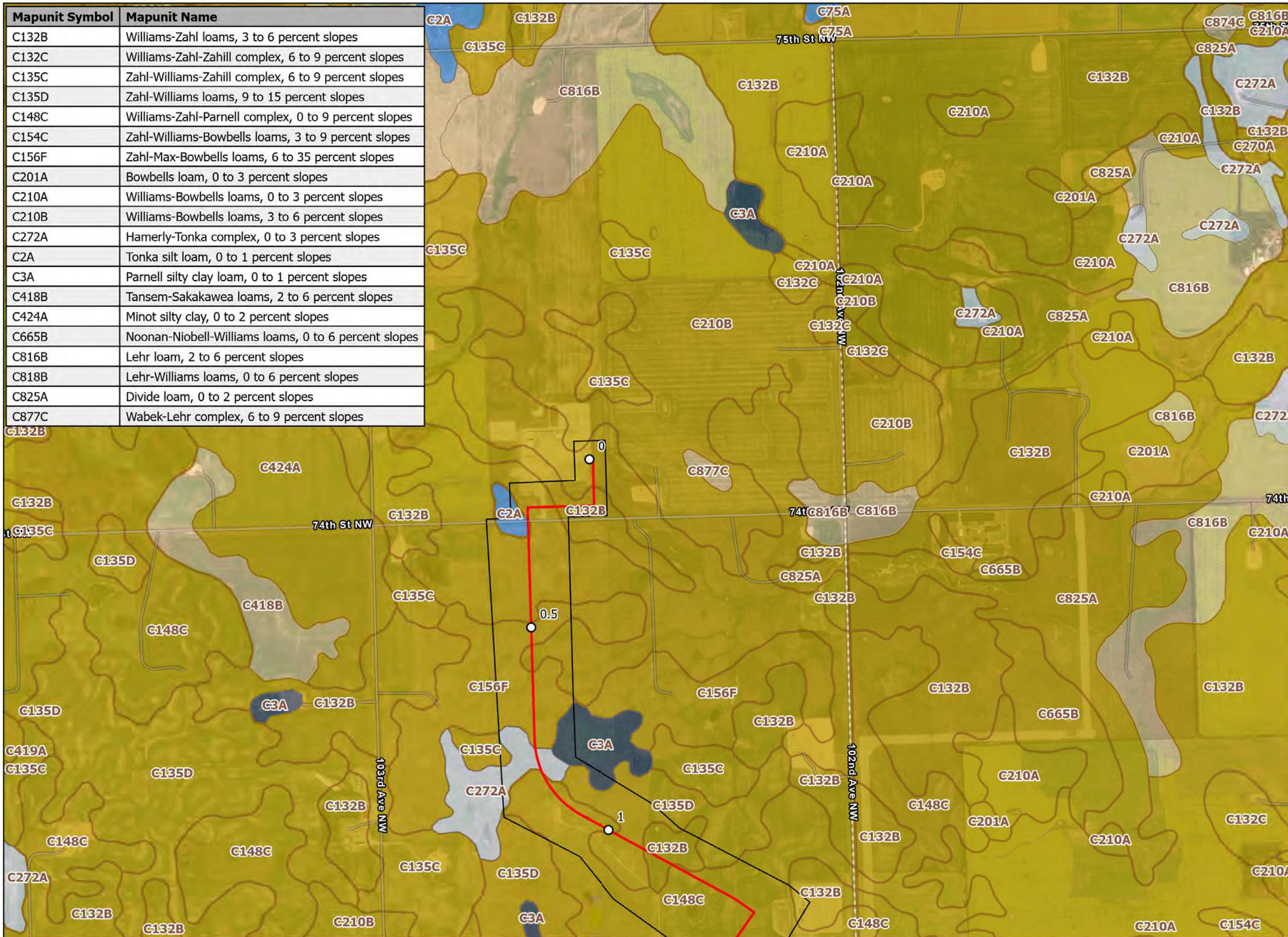


- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- NHD Flowline**
- - - Intermittent Stream
 - Perennial Stream
- NWI Features**
- Waterbody
 - Wetland

Figure 2
National Wetland Inventory
 Tioga Extension Project
 Williams County, ND
 Page 5 of 5



Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C132C	Williams-Zahl-Zahill complex, 6 to 9 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C2A	Tonka silt loam, 0 to 1 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C418B	Tansem-Sakakawea loams, 2 to 6 percent slopes
C424A	Minot silty clay, 0 to 2 percent slopes
C665B	Noonan-Niobell-Williams loams, 0 to 6 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C877C	Wabek-Lehr complex, 6 to 9 percent slopes



Legend

- Milepost
- Proposed Pipeline
- ▭ Project Area

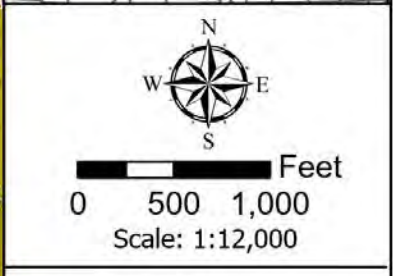
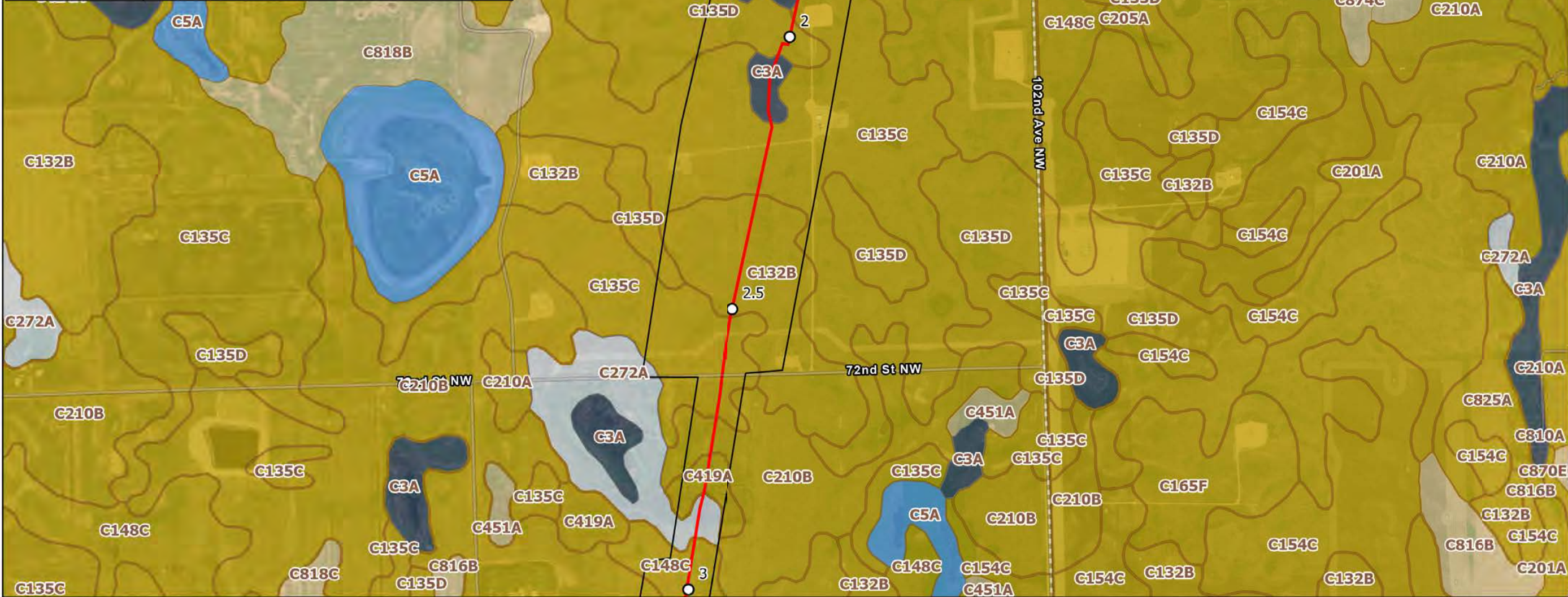
Hydric Classification

- Nonhydryc: 0%
- Predominantly Nonhydryc: 1-33%
- Partially Hydric: 33-66%
- Predominantly Hydric: 66-99%
- Hydric: 100%

Figure 3
U.S. Department of Agriculture
Natural Resources Conservation
Service Soil Survey Map
Tioga Extension Project
Williams County, ND
Page 1 of 5



Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C419A	Wildrose silty clay, 0 to 2 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C5A	Southam silty clay loam, 0 to 1 percent slopes
C665B	Noonan-Niobell-Williams loams, 0 to 6 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C874C	Wabek-Appam complex, 6 to 9 percent slopes



Legend

- Milepost
- Proposed Pipeline
- Project Area

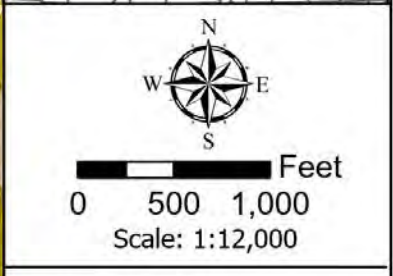
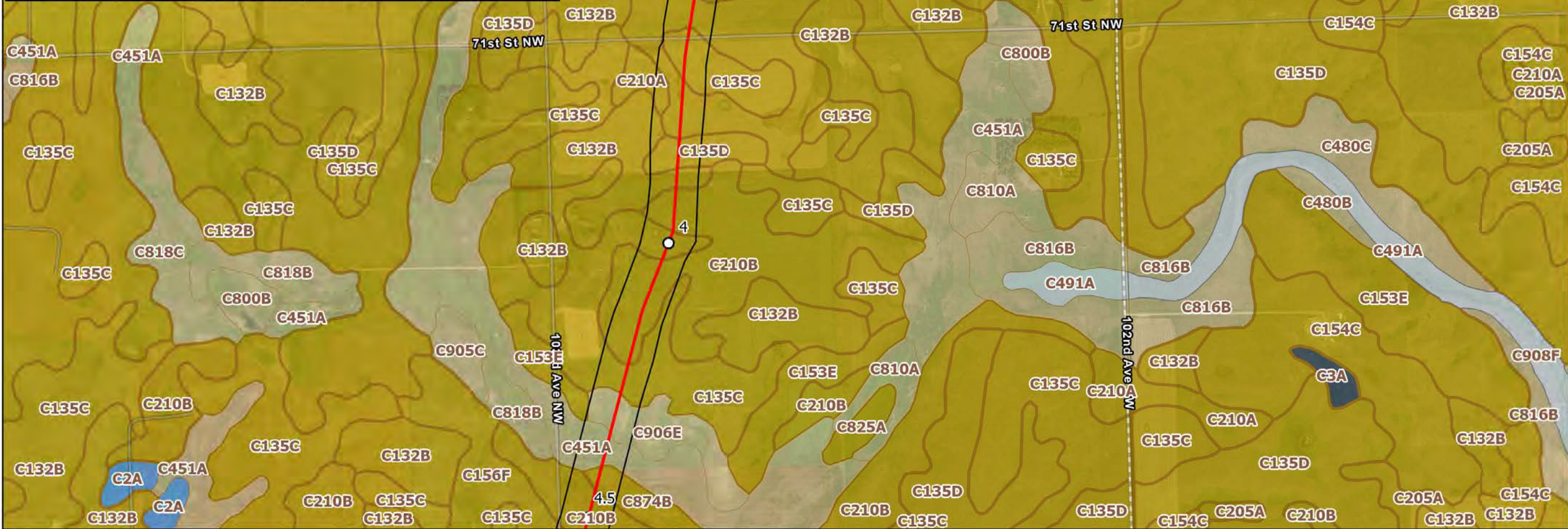
Hydric Classification

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- Hydryc: 100%

Figure 3
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5



Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C153E	Zahl-Max loams, 15 to 25 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C418B	Tansem-Sakakawea loams, 2 to 6 percent slopes
C419A	Wildrose silty clay, 0 to 2 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C480B	Shambo loam, 2 to 6 percent slopes
C480C	Shambo loam, 6 to 9 percent slopes
C491A	Straw-Fluvaquents channeled, complex, 0 to 2 percent slopes, frequently flooded
C501A	Korchea loam, 0 to 2 percent slopes, occasionally flooded
C5A	Southam silty clay loam, 0 to 1 percent slopes
C800B	Appam sandy loam, 2 to 6 percent slopes
C810A	Bowdle loam, 0 to 2 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C818C	Lehr-Williams loams, 6 to 9 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C905C	Amor-Williams-Zahl loams, 3 to 9 percent slopes
C906E	Amor-Zahl-Werner loams, 9 to 25 percent slopes



Legend

- Milepost
- Proposed Pipeline
- Project Area

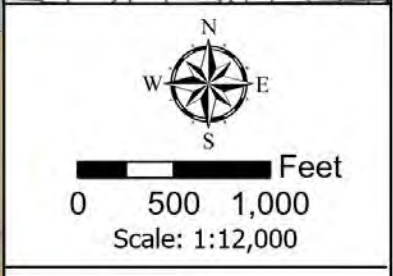
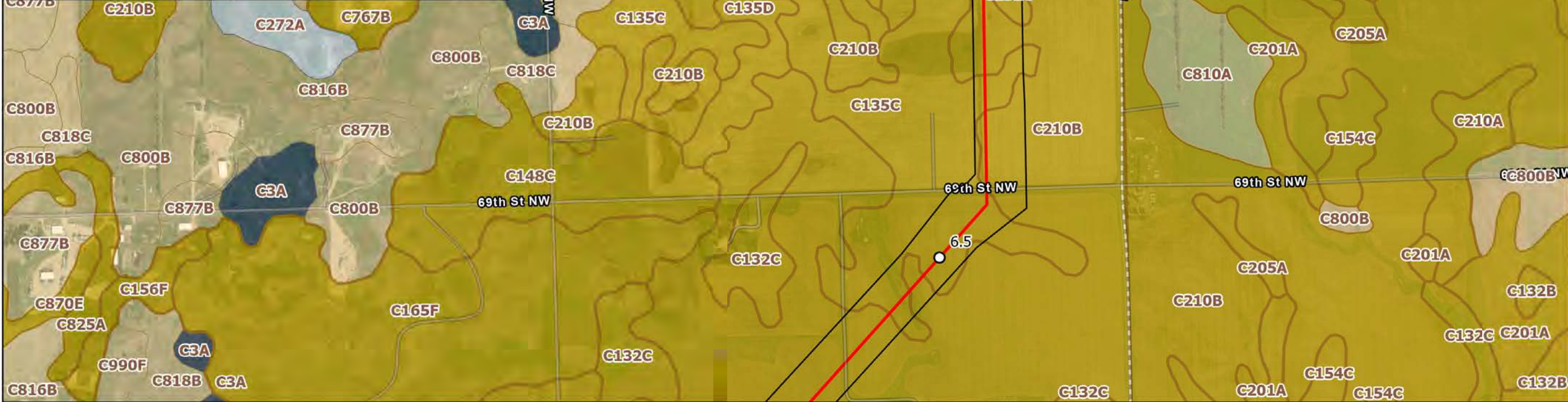
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Figure 3
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 3 of 5



Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C132C	Williams-Zahl-Zahill complex, 6 to 9 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C153E	Zahl-Max loams, 15 to 25 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C2A	Tonka silt loam, 0 to 1 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C767B	Parshall-Tally fine sandy loams, 0 to 6 percent slopes
C800B	Appam sandy loam, 2 to 6 percent slopes
C810A	Bowdle loam, 0 to 2 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C818C	Lehr-Williams loams, 6 to 9 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C874B	Wabek-Appam complex, 2 to 6 percent slopes
C874C	Wabek-Appam complex, 6 to 9 percent slopes
C877B	Wabek-Lehr complex, 2 to 6 percent slopes
C905C	Amor-Williams-Zahl loams, 3 to 9 percent slopes
C906E	Amor-Zahl-Werner loams, 9 to 25 percent slopes



Legend

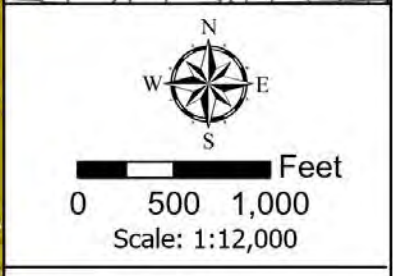
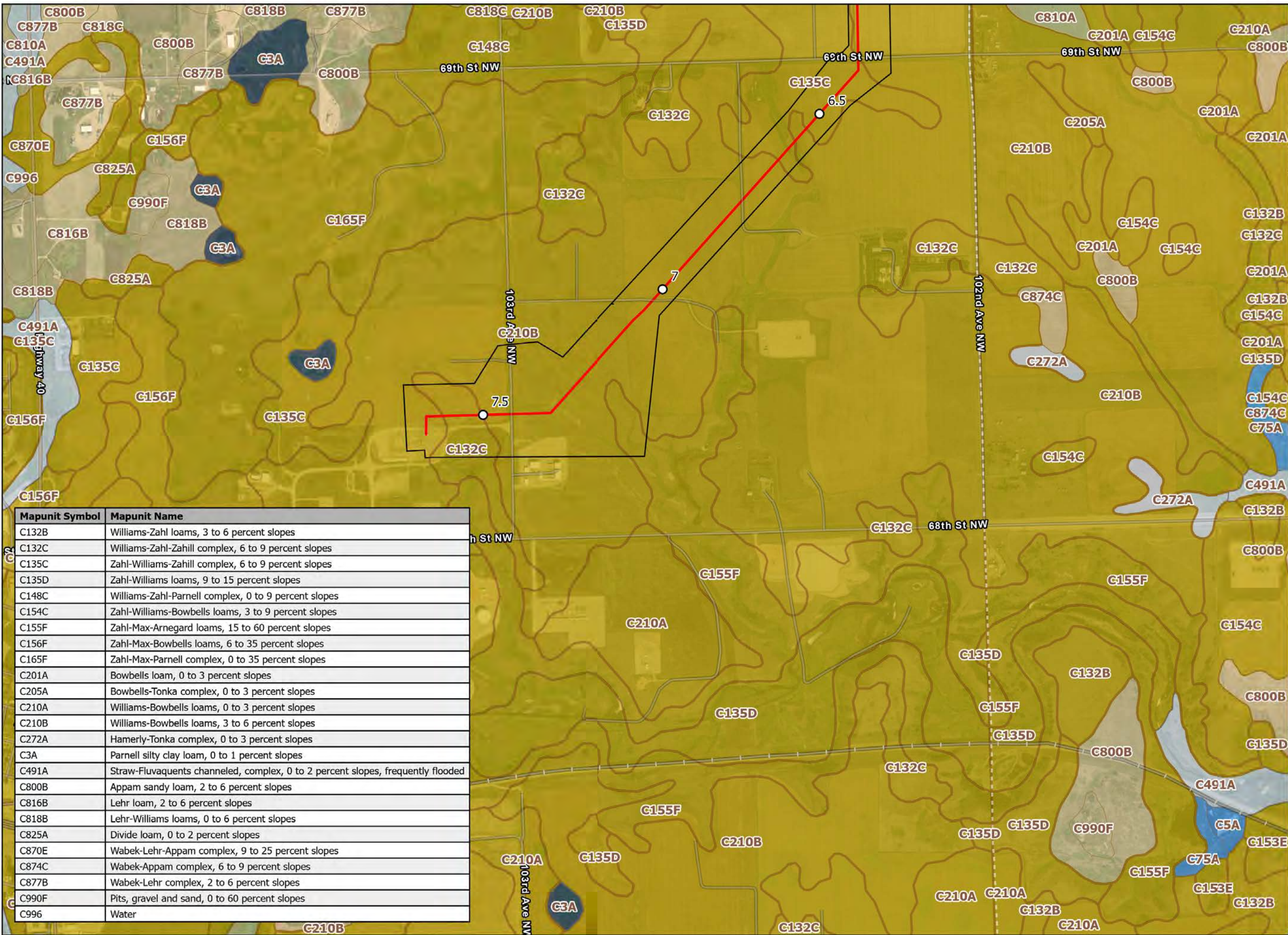
- Milepost
- Proposed Pipeline
- Project Area

Hydric Classification

- Nonhydryc: 0%
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- Predominantly Hydryc: 66-99%
- Hydryc: 100%

Figure 3
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 4 of 5





Legend

- Milepost
- Proposed Pipeline
- Project Area

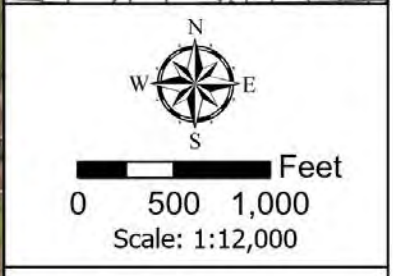
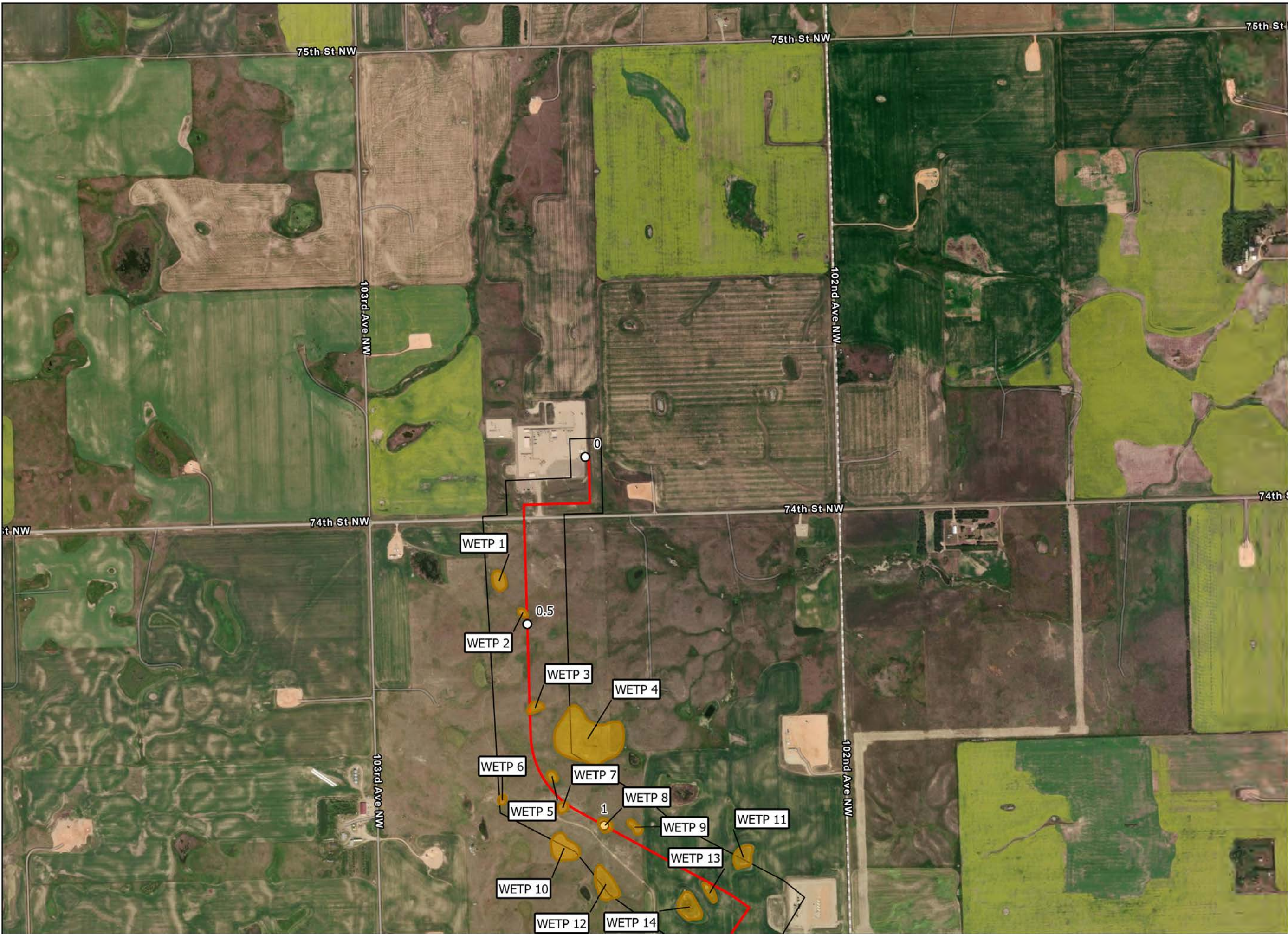
Hydric Classification

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- Partially Hydryc: 33-66%
- Predominantly Hydryc: 66-99%
- Hydryc: 100%

Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C132C	Williams-Zahl-Zahill complex, 6 to 9 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C155F	Zahl-Max-Arnegard loams, 15 to 60 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C491A	Straw-Fluvaquents channeled, complex, 0 to 2 percent slopes, frequently flooded
C800B	Appam sandy loam, 2 to 6 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C870E	Wabek-Lehr-Appam complex, 9 to 25 percent slopes
C874C	Wabek-Appam complex, 6 to 9 percent slopes
C877B	Wabek-Lehr complex, 2 to 6 percent slopes
C990F	Pits, gravel and sand, 0 to 60 percent slopes
C996	Water

Figure 3
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 5 of 5



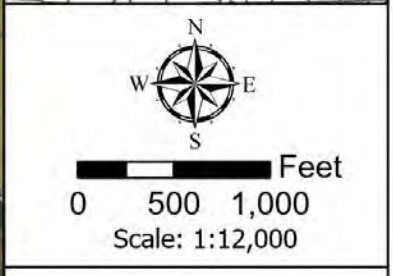
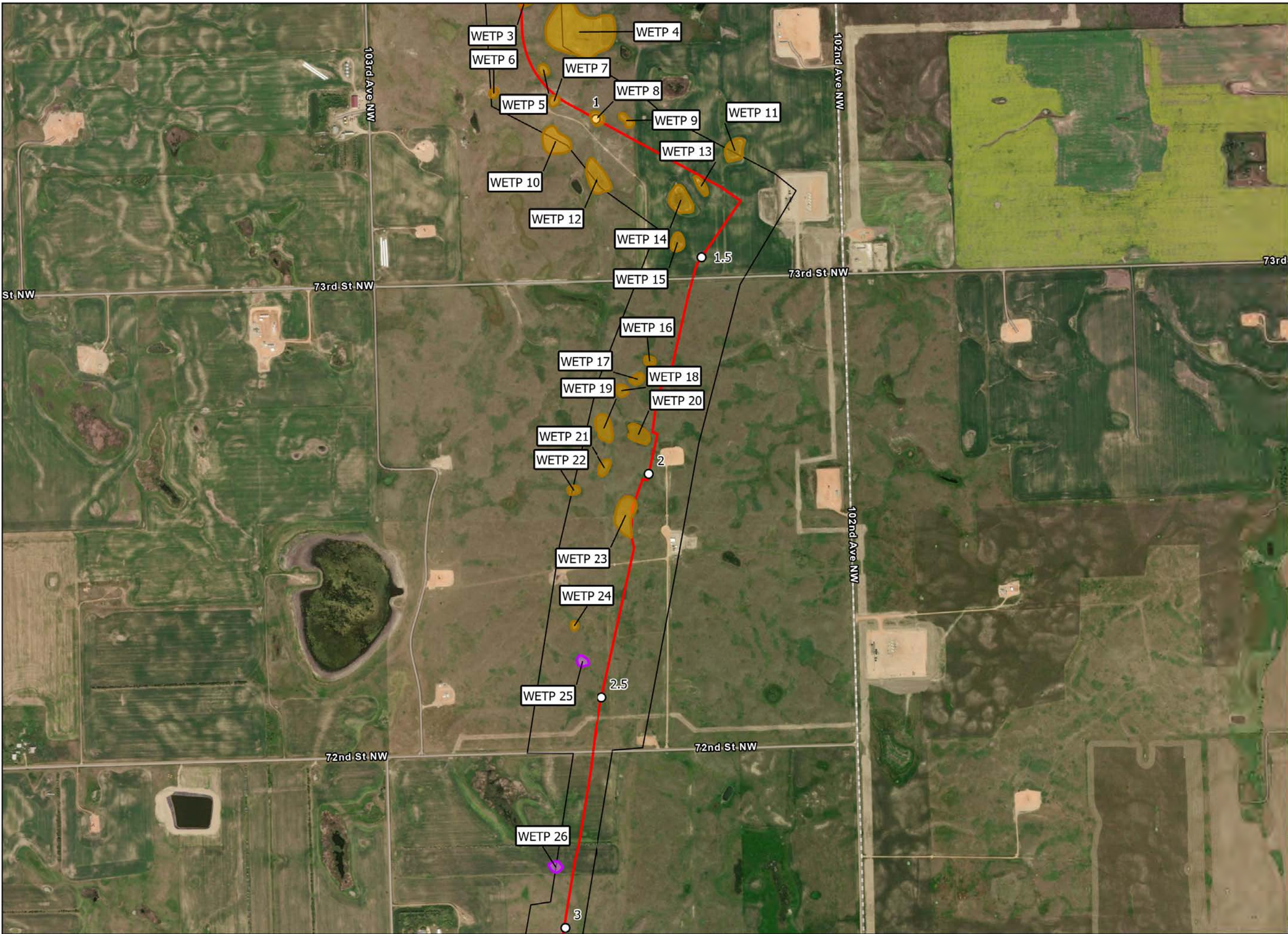


- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area
- Desktop Wetlands**
- NWI Wetland

Figure 4
Off-site Delineated
Feature Map
 Tioga Extension Project
 Williams County, ND
 Page 1 of 5



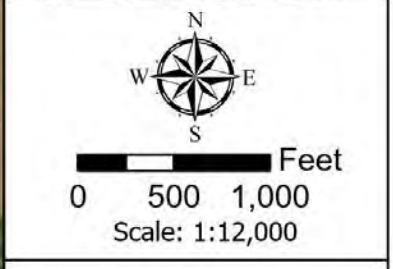
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- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area
- Desktop Wetlands**
- NWI Wetland
 - Desktop Delineated Wetland

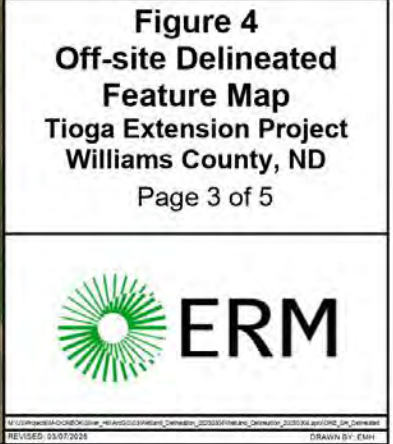
Figure 4
Off-site Delineated
Feature Map
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5

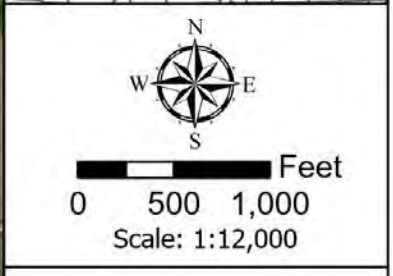
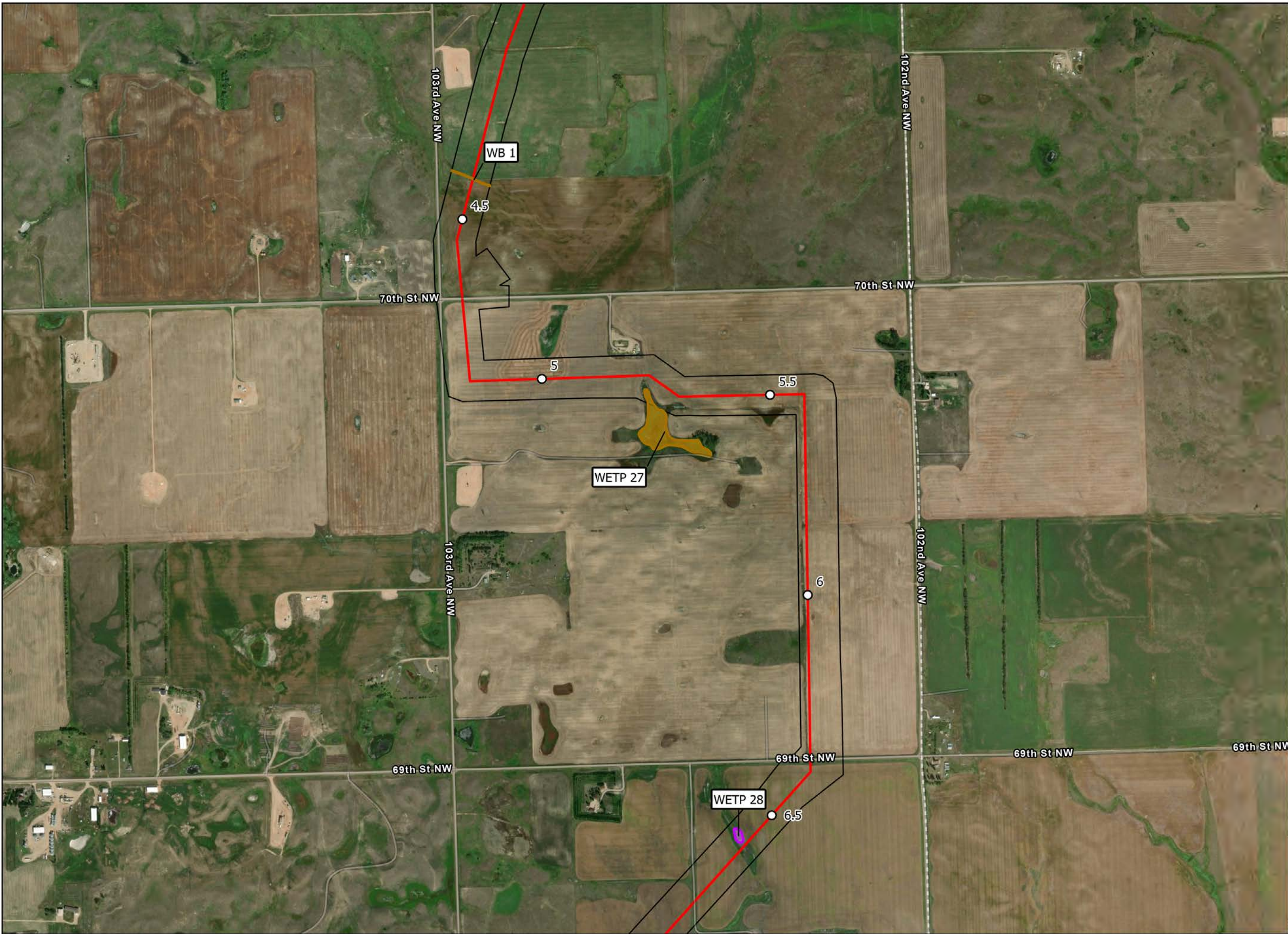




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area
- Desktop Wetlands**
- NWI Wetland
 - Desktop Delineated Wetland

Figure 4
Off-site Delineated
Feature Map
 Tioga Extension Project
 Williams County, ND
 Page 3 of 5



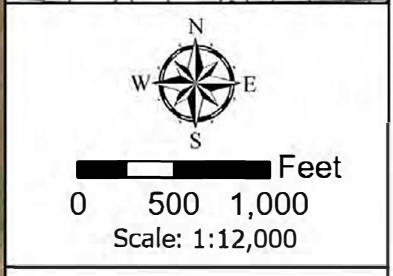
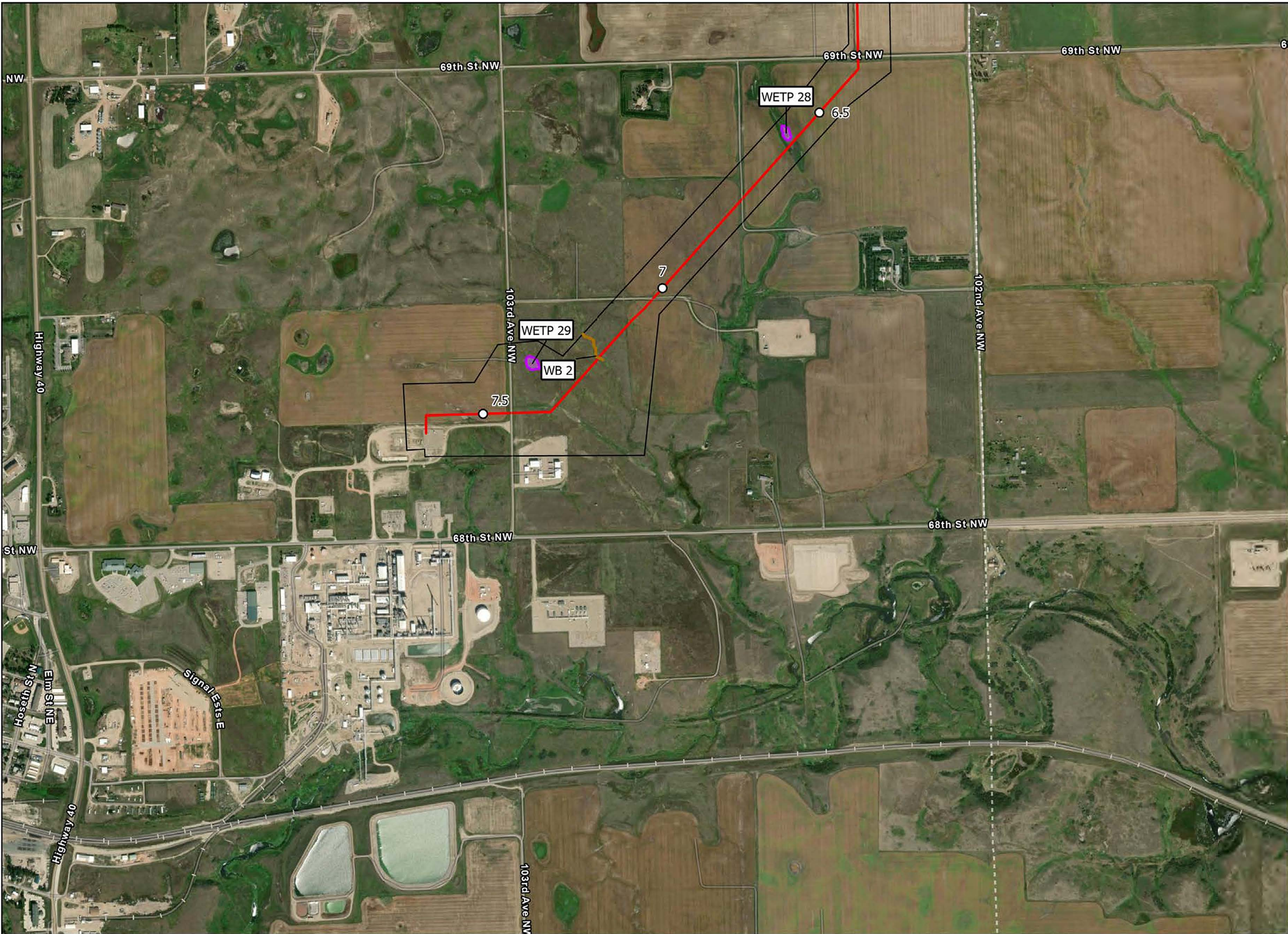


- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ Project Area
- Desktop Wetlands**
- NWI Wetland
 - Desktop Delineated Wetland

Figure 4
Off-site Delineated
Feature Map
 Tioga Extension Project
 Williams County, ND
 Page 4 of 5

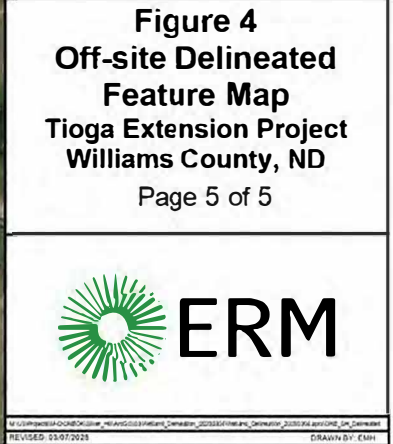


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- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area
- Desktop Wetlands**
- NWI Wetland
 - Desktop Delineated Wetland

Figure 4
 Off-site Delineated
 Feature Map
 Tioga Extension Project
 Williams County, ND
 Page 5 of 5



APPENDIX B CLIMATE DATA



Tioga Extension Off-site Wetlands Assessment

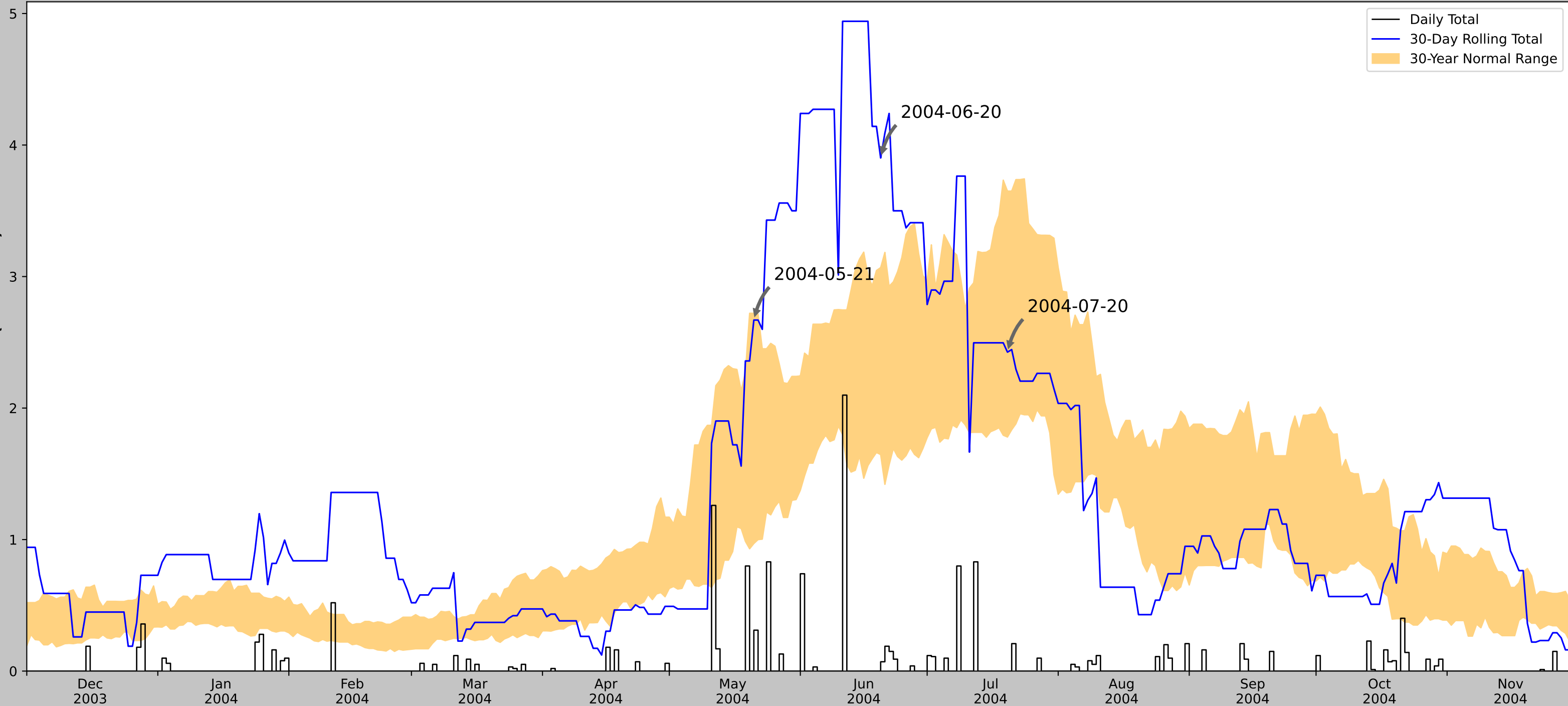
Appendix B. Off-site Hydrology Assessment

Precipitation Evaluation

Year	Photography Date	3 month antecedent conditions	Use in Assessment?
2020	26-Jul	Normal	Yes
2019	5-Jul	Normal	Yes
2018	15-Aug	Normal	Yes
2015	18-Sep	Normal	Yes
2014	25-Jul	Normal	Yes
2004	20-Jul	Normal	Yes


Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network

Rainfall (Inches)




Coordinates	48.452291, -102.969636
Observation Date	2004-07-20
Elevation (ft)	2413.504
Drought Index (PDSI)	Mild wetness
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2004-07-20	1.779528	3.65	2.425197	Normal	2	3	6
2004-06-20	1.646457	3.06811	3.901575	Wet	3	2	6
2004-05-21	0.969685	2.720866	2.669291	Normal	2	1	2
Result							Normal Conditions - 14



Figures and tables made by the
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Version 2.0

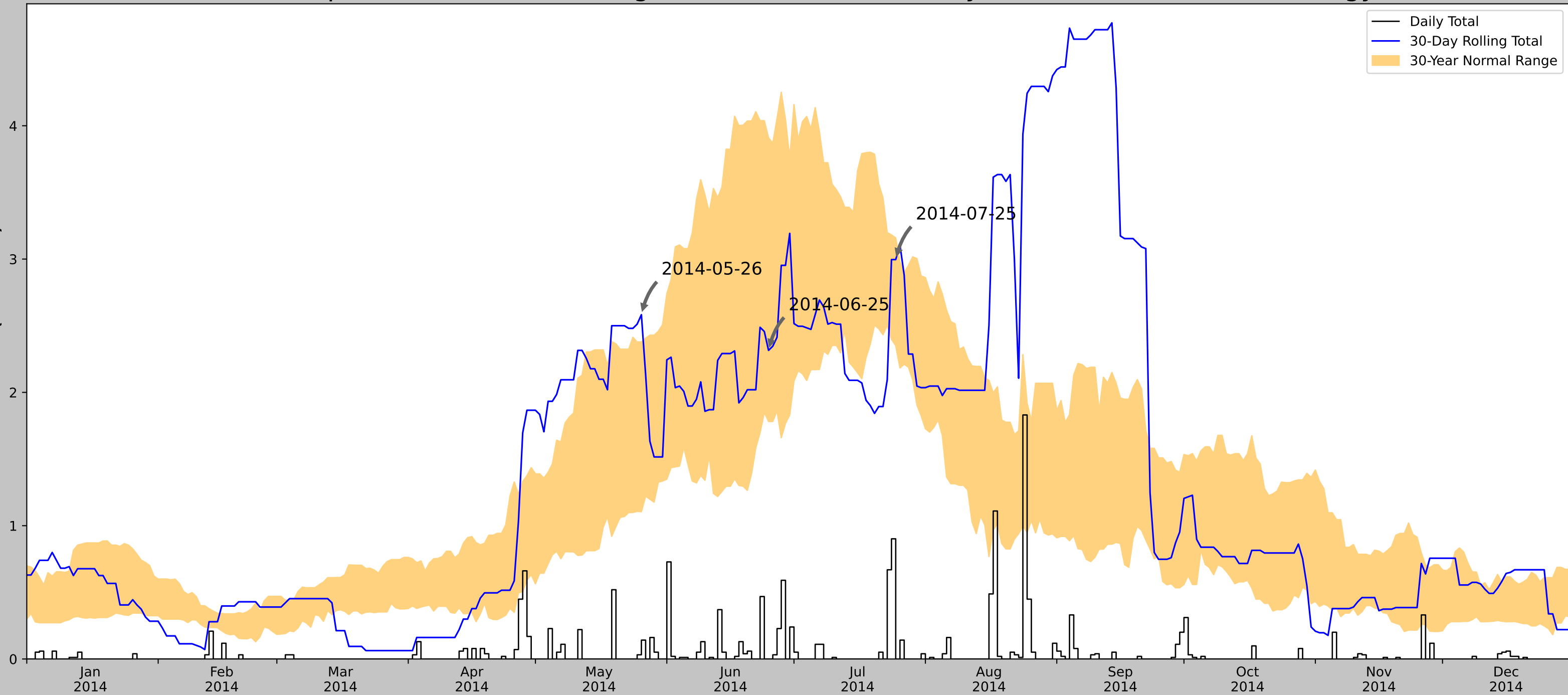
Developed by:
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U.S. Army Engineer Research and
Development Center



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WILDROSE 3NW	48.6631, -103.2131	2227.034	18.333	186.47	11.669	11259	86
TIOGA 1E	48.3989, -102.9181	2245.079	22.703	18.045	10.626	92	0
POWERS LAKE 1N	48.5722, -102.6467	2205.053	26.622	21.981	12.565	0	2
STANLEY 3 NNW	48.3567, -102.4117	2279.856	42.353	52.822	21.296	1	2

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network

Rainfall (Inches)



Coordinates	48.452291, -102.969636
Observation Date	2014-07-25
Elevation (ft)	2413.504
Drought Index (PDSI)	Extreme wetness
WebWIMP H ₂ O Balance	Dry Season

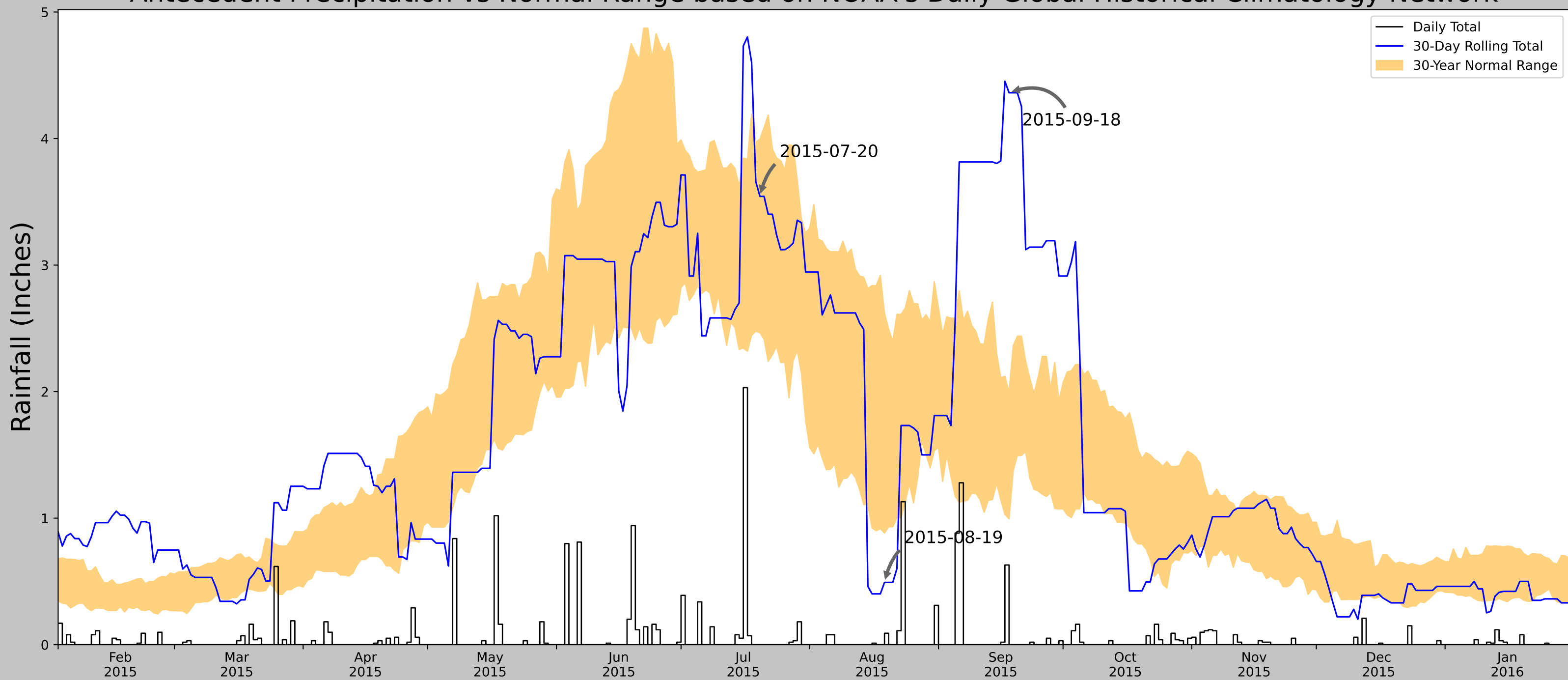
30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2014-07-25	2.350787	3.159055	2.996063	Normal	2	3	6
2014-06-25	1.781496	3.909449	2.314961	Normal	2	2	4
2014-05-26	1.105118	2.37874	2.582677	Wet	3	1	3
Result							Normal Conditions - 13

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by: U.S. Army Corps of Engineers and U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
TIOGA 1E	48.3989, -102.9181	2245.079	4.381	168.425	2.709	10773	89
RAY 0.5 WNW	48.3431, -103.1727	2285.105	12.305	40.026	6.03	0	1
POWERS LAKE 1N	48.5722, -102.6467	2205.053	17.258	40.026	8.457	77	0
WILDROSE 3NW	48.6631, -103.2131	2227.034	22.703	18.045	10.626	192	0
STANLEY 3 NNW	48.3567, -102.4117	2279.856	23.422	34.777	11.354	122	0
KEENE 3S	47.8967, -102.9208	2470.144	34.699	225.065	23.424	8	0
WILLISTON SLOULIN FLD	48.1739, -103.6367	1901.903	36.513	343.176	28.961	181	0


Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	48.452291, -102.969636
Observation Date	2015-09-18
Elevation (ft)	2413.504
Drought Index (PDSI)	Incipient drought
WebWIMP H ₂ O Balance	Dry Season


30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2015-09-18	0.995276	1.994095	4.362205	Wet	3	3	9
2015-08-19	0.882283	2.621654	0.492126	Dry	1	2	2
2015-07-20	2.466142	3.995669	3.543307	Normal	2	1	2
Result							Normal Conditions - 13

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
STANLEY 3 NNW	48.3567, -102.4117	2279.856	26.43	133.648	15.426	11065	90
STANLEY 1.0 SE	48.308, -102.3702	2236.877	3.867	42.979	1.906	2	0
POWERS LAKE 1N	48.5722, -102.6467	2205.053	18.374	74.803	9.643	52	0
TIOGA 1E	48.3989, -102.9181	2245.079	23.422	34.777	11.354	37	0
WILDROSE 3NW	48.6631, -103.2131	2227.034	42.353	52.822	21.296	8	0
KEENE 3S	47.8967, -102.9208	2470.144	39.515	190.288	25.301	8	0
CROSBY	48.9158, -103.2981	1958.99	55.949	320.866	43.129	55	0
WILLISTON SLOULIN FLD	48.1739, -103.6367	1901.903	57.741	377.953	47.807	126	0

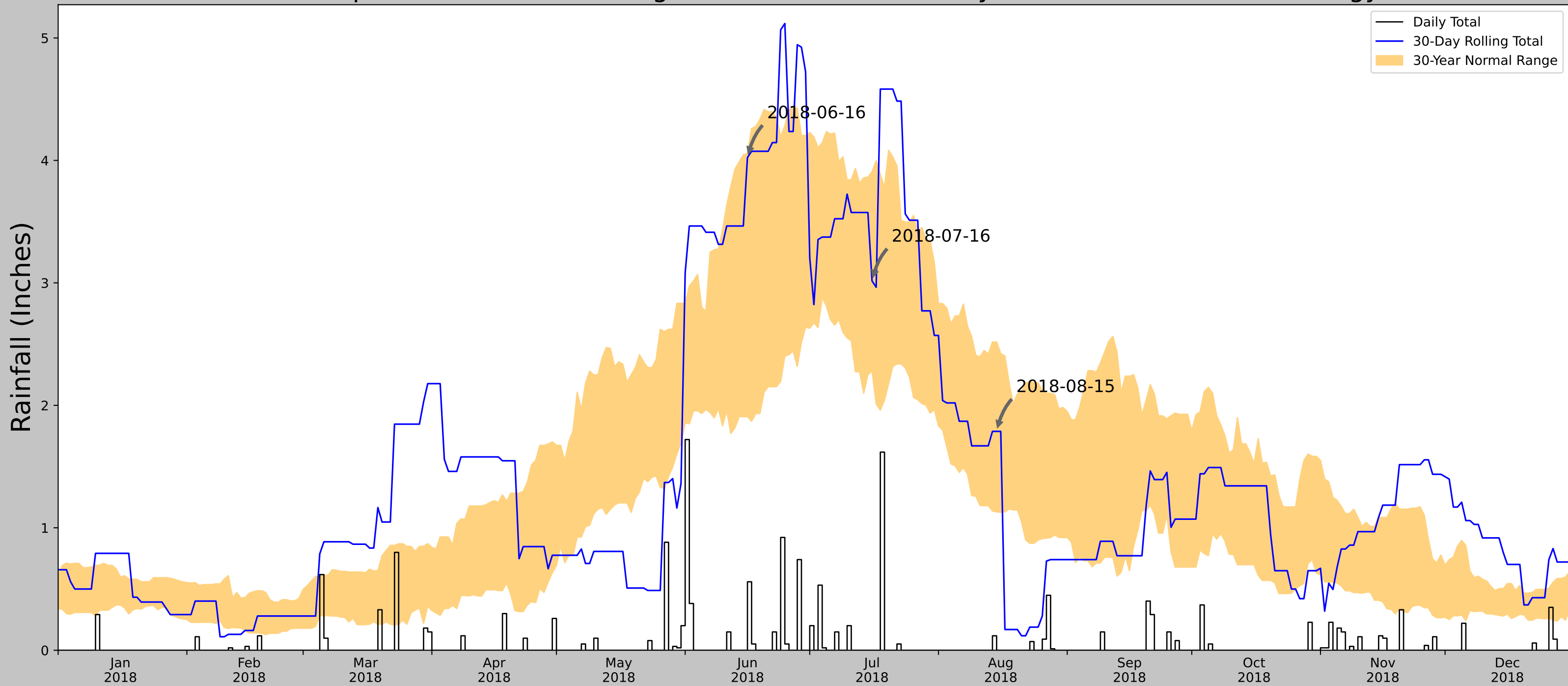


Figures and tables made by the
Antecedent Precipitation Tool
Version 2.0

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Development Center




Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network




Coordinates	48.452291, -102.969636
Observation Date	2018-08-15
Elevation (ft)	2413.504
Drought Index (PDSI)	Moderate drought
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2018-08-15	1.129921	2.517717	1.787402	Normal	2	3	6
2018-07-16	2.28189	3.907874	3.015748	Normal	2	2	4
2018-06-16	1.907874	4.058268	4.023622	Normal	2	1	2
Result							Normal Conditions - 12



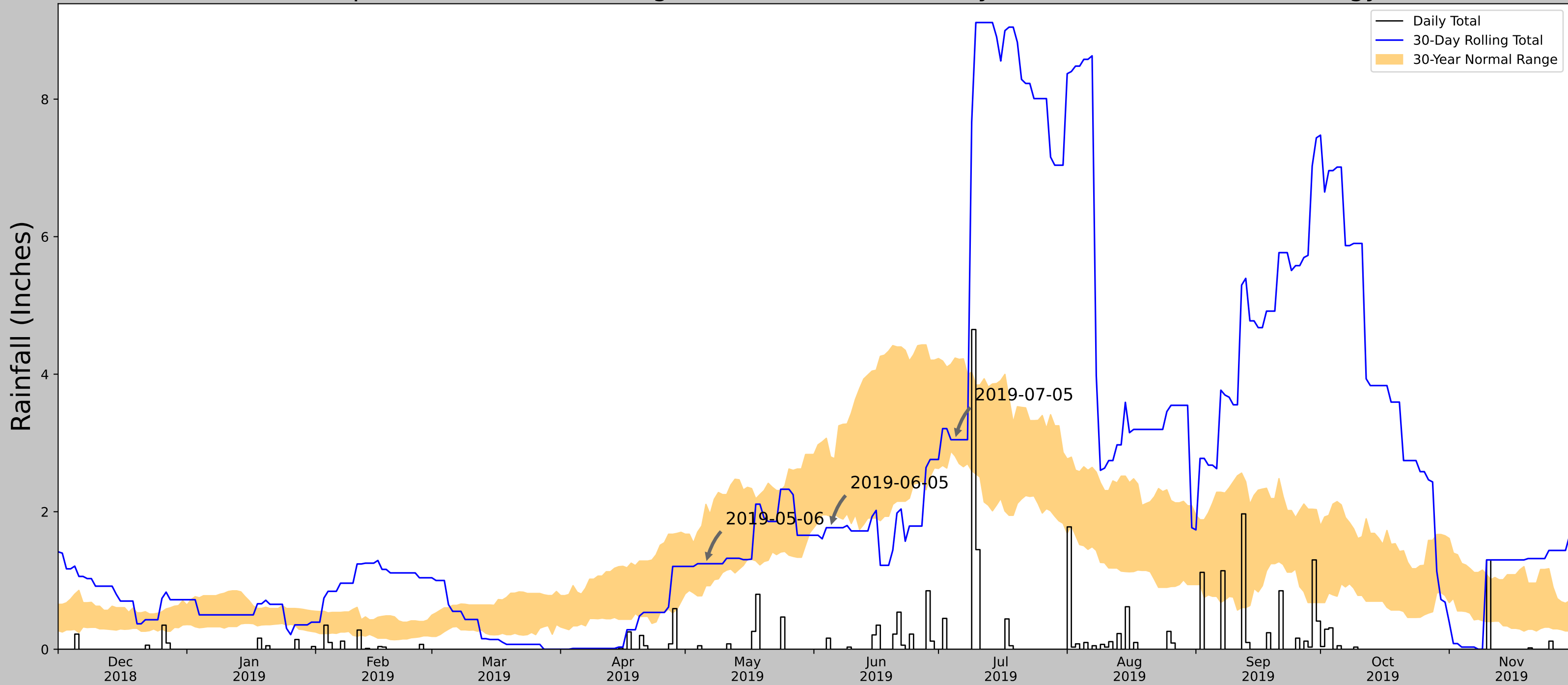
Figures and tables made by the
Antecedent Precipitation Tool
Version 2.0

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and
Development Center



Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
KEENE 3S	47.8967, -102.9208	2470.144	38.454	56.64	19.482	11018	86
RAY 0.5 WNW	48.3431, -103.1727	2285.105	32.959	185.039	20.93	2	0
TIOGA 1E	48.3989, -102.9181	2245.079	34.699	225.065	23.424	60	0
STANLEY 3 NNW	48.3567, -102.4117	2279.856	39.515	190.288	25.301	84	0
WILDROSE 3NW	48.6631, -103.2131	2227.034	54.632	243.11	37.866	8	0
WILLISTON SLOULIN FLD	48.1739, -103.6367	1901.903	38.22	568.241	38.917	181	4

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	48.452291, -102.969636
Observation Date	2019-07-05
Elevation (ft)	2413.504
Drought Index (PDSI)	Normal
WebWIMP H ₂ O Balance	Dry Season

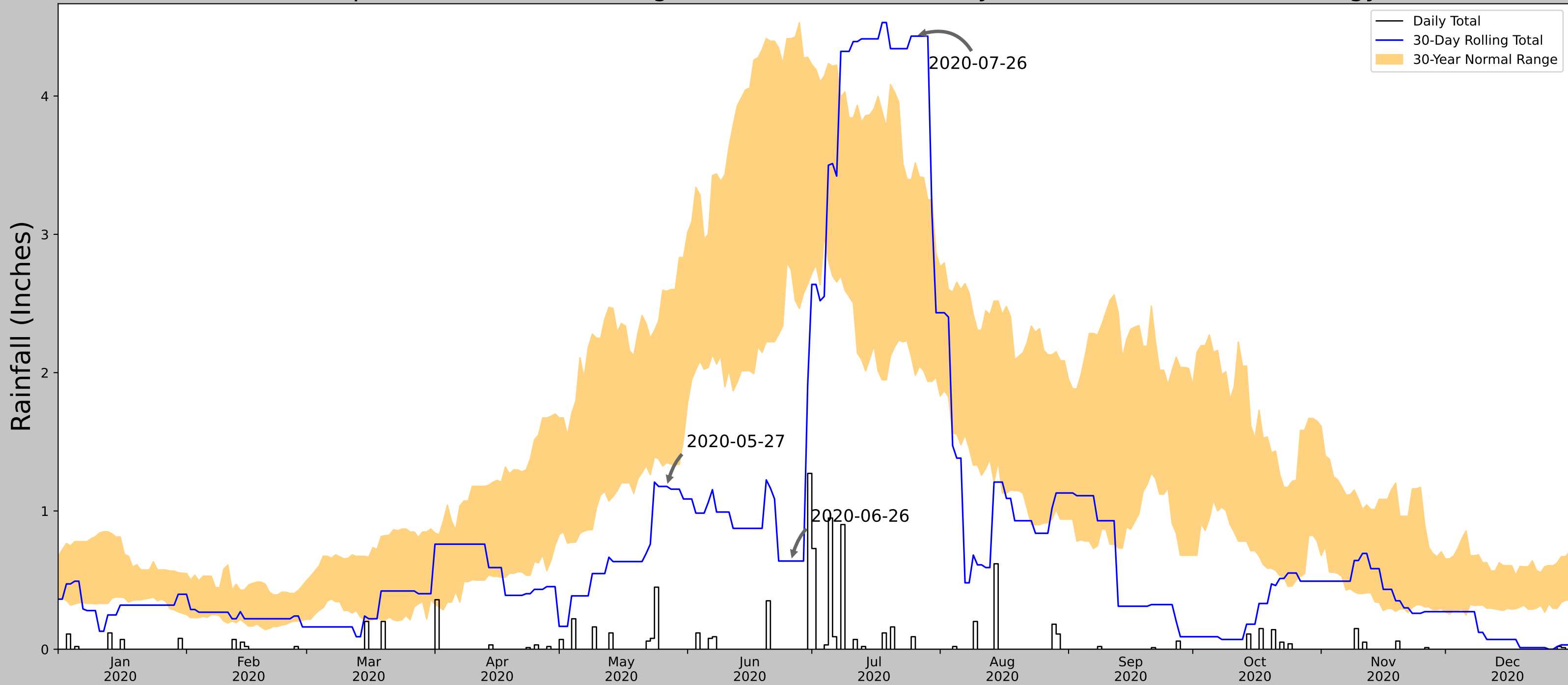
30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-07-05	2.810236	4.23504	3.047244	Normal	2	3	6
2019-06-05	1.933465	2.798425	1.767717	Dry	1	2	2
2019-05-06	0.924016	2.10748	1.244095	Normal	2	1	2
Result							Normal Conditions - 10

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

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Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
KEENE 3S	47.8967, -102.9208	2470.144	38.454	56.64	19.482	11013	89
RAY 0.5 WNW	48.3431, -103.1727	2285.105	32.959	185.039	20.93	2	0
TIOGA 1E	48.3989, -102.9181	2245.079	34.699	225.065	23.424	60	0
STANLEY 3 NNW	48.3567, -102.4117	2279.856	39.515	190.288	25.301	84	0
WILDROSE 3NW	48.6631, -103.2131	2227.034	54.632	243.11	37.866	8	0
WILLISTON SLOULIN FLD	48.1739, -103.6367	1901.903	38.22	568.241	38.917	186	1

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	48.452291, -102.969636
Observation Date	2020-07-26
Elevation (ft)	2413.504
Drought Index (PDSI)	Normal
WebWIMP H ₂ O Balance	Dry Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2020-07-26	1.980709	3.517717	4.433071	Wet	3	3	9
2020-06-26	2.744095	4.415354	0.637795	Dry	1	2	2
2020-05-27	1.350394	2.588976	1.177165	Dry	1	1	1
Result							Normal Conditions - 12

Figures and tables made by the Antecedent Precipitation Tool Version 2.0

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
KEENE 3S	47.8967, -102.9208	2470.144	38.454	56.64	19.482	11013	90
RAY 0.5 WNW	48.3431, -103.1727	2285.105	32.959	185.039	20.93	2	0
TIOGA 1E	48.3989, -102.9181	2245.079	34.699	225.065	23.424	57	0
STANLEY 3 NNW	48.3567, -102.4117	2279.856	39.515	190.288	25.301	84	0
WILDROSE 3NW	48.6631, -103.2131	2227.034	54.632	243.11	37.866	8	0
WILLISTON SLOULIN FLD	48.1739, -103.6367	1901.903	38.22	568.241	38.917	188	0

APPENDIX C HYDROLOGIC ANALYSIS

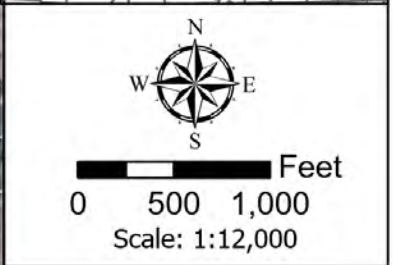


Tioga Extension Off-site Wetlands Assessment

Appendix C. Off-site Hydrology Assessment

Wetland Signatures

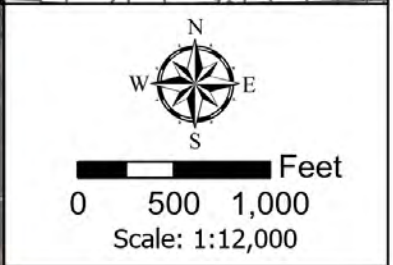
Hydric Soils present	Identified on NWI or other wetland map	Percent with wet signatures from Exhibit	Wetland?	NameID
Yes	No	>50%	Yes, if other hydrology indicators present	Wet28
Yes	No	>50%	Yes, if other hydrology indicators present	Wet29
Yes	No	>75%	Yes, if other hydrology indicators present	Wet26
Yes	No	50%	Yes, if other hydrology indicators present	Wet25



- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.1
Offsite Hydrology Assessment
Historic Aerial Review
July 20, 2004
Tioga Extension Project
Williams County, ND
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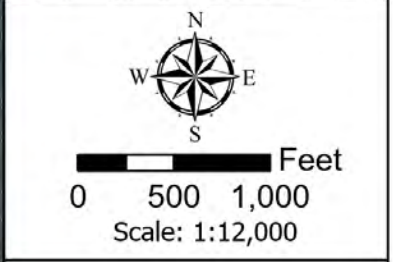




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.1
Offsite Hydrology Assessment
Historic Aerial Review
July 20, 2004
Tioga Extension Project
Williams County, ND
Page 2 of 5

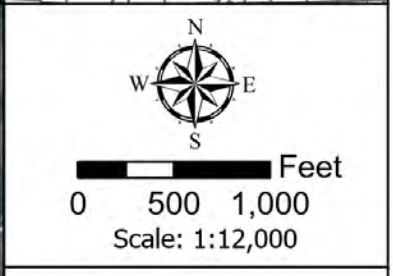




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.1
Offsite Hydrology Assessment
Historic Aerial Review
July 20, 2004
Tioga Extension Project
Williams County, ND
Page 3 of 5

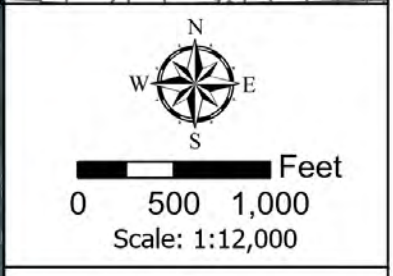




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.1
Offsite Hydrology Assessment
Historic Aerial Review
July 20, 2004
Tioga Extension Project
Williams County, ND
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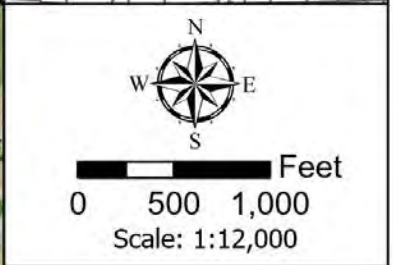
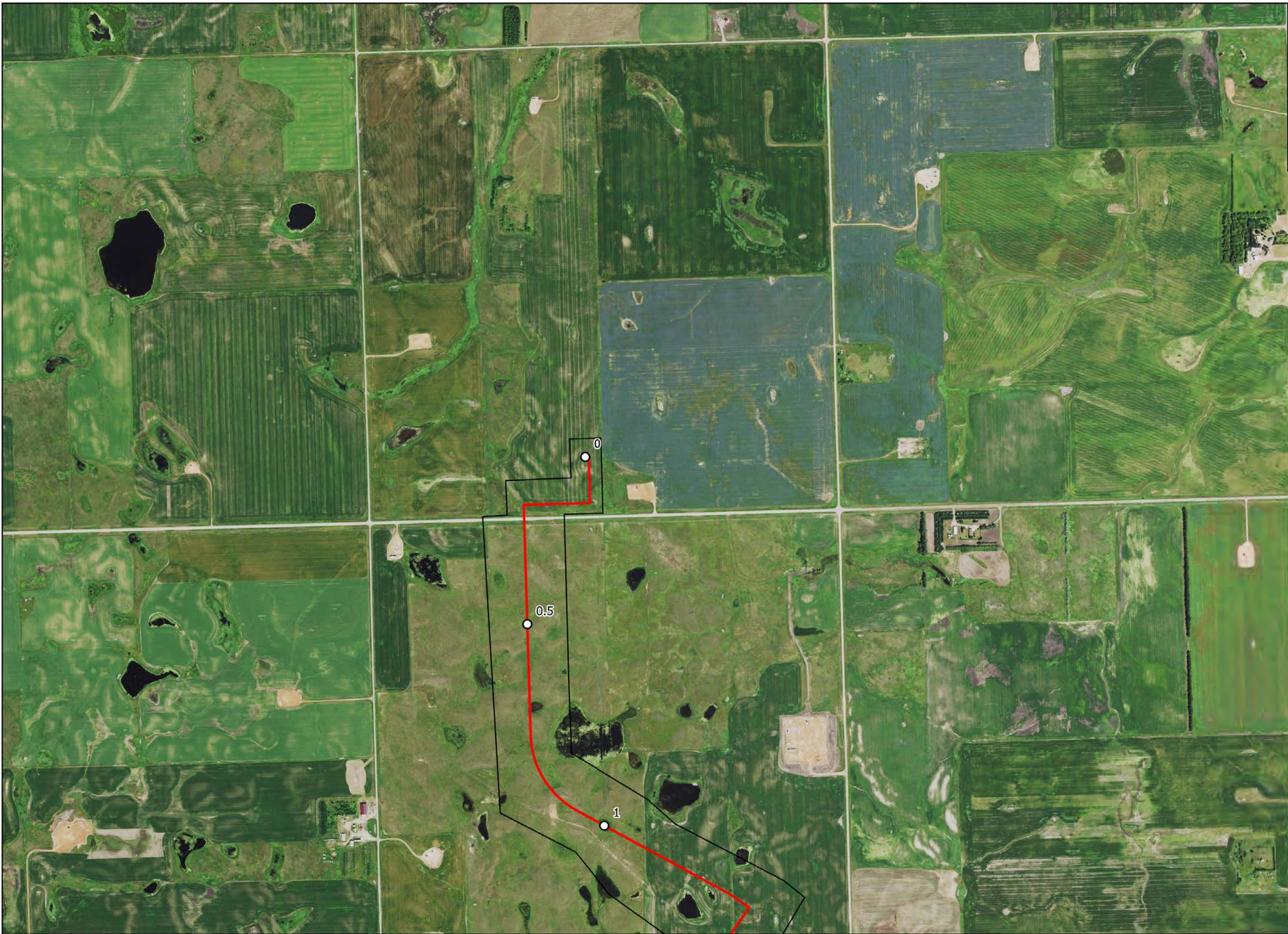




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.1
Offsite Hydrology Assessment
Historic Aerial Review
July 20, 2004
Tioga Extension Project
Williams County, ND
Page 5 of 5

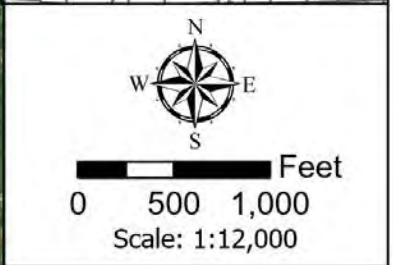




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.2
Offsite Hydrology Assessment
Historic Aerial Review
July 25, 2014
Tioga Extension Project
Williams County, ND
Page 1 of 5

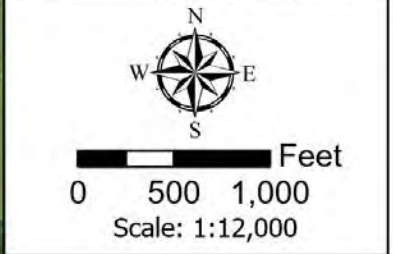




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.2
 Offsite Hydrology Assessment
 Historic Aerial Review
 July 25, 2014
 Tioga Extension Project
 Williams County, ND
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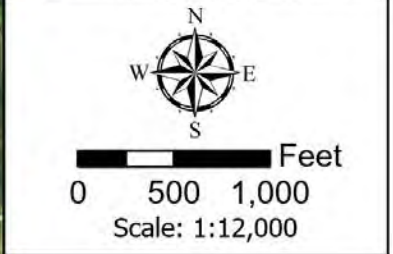
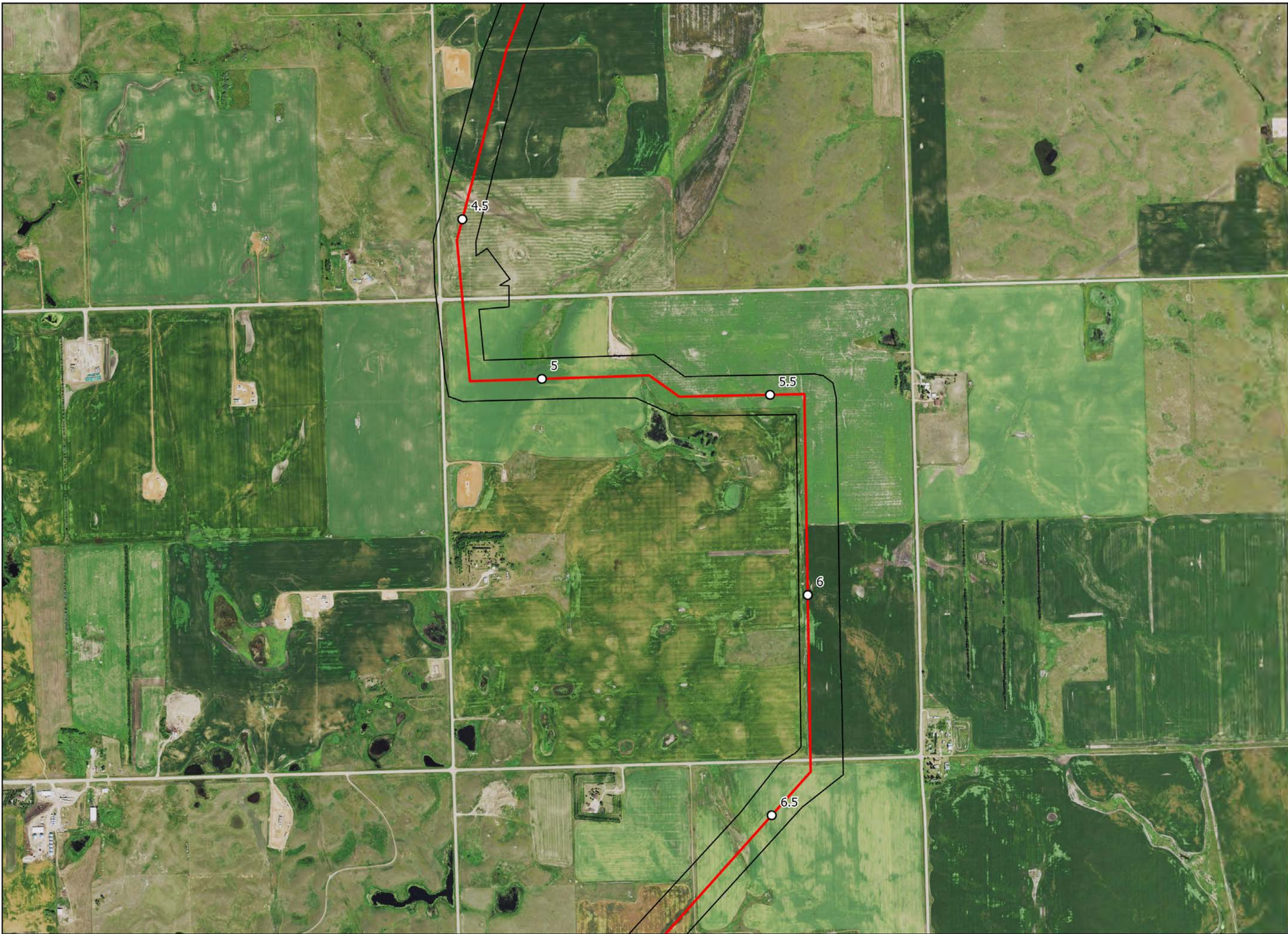
- Legend**
-  Milepost
 -  Proposed Pipeline
 -  Project Area

Figure C.2
Offsite Hydrology Assessment
Historic Aerial Review
July 25, 2014
Tioga Extension Project
Williams County, ND
Page 3 of 5

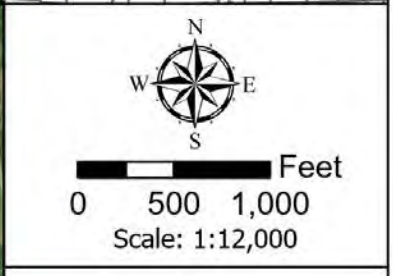
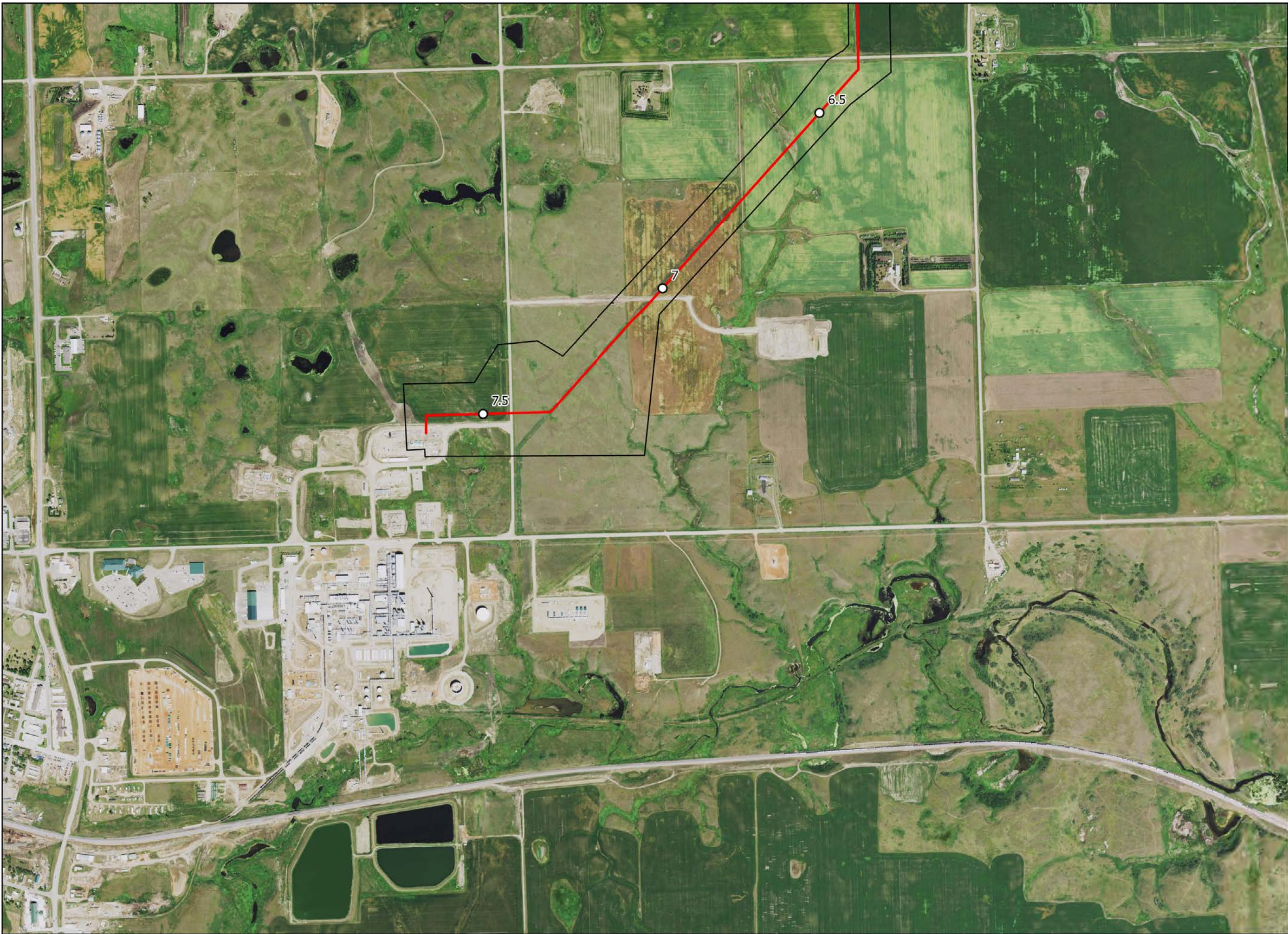




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.2
Offsite Hydrology Assessment
Historic Aerial Review
July 25, 2014
Tioga Extension Project
Williams County, ND
Page 4 of 5

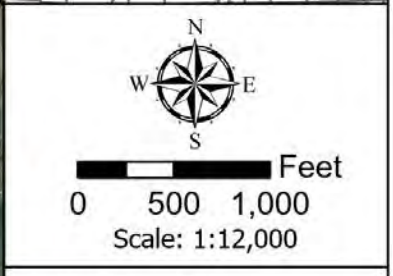




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.2
Offsite Hydrology Assessment
Historic Aerial Review
July 25, 2014
Tioga Extension Project
Williams County, ND
Page 5 of 5

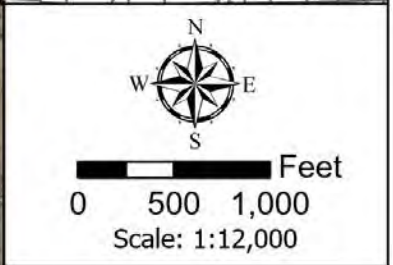




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.3
Offsite Hydrology Assessment
Historic Aerial Review
September 18, 2015
Tioga Extension Project
Williams County, ND
Page 1 of 5

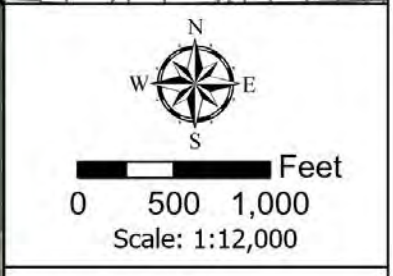




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.3
Offsite Hydrology Assessment
Historic Aerial Review
September 18, 2015
Tioga Extension Project
Williams County, ND
Page 2 of 5

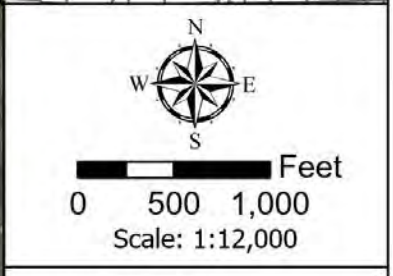
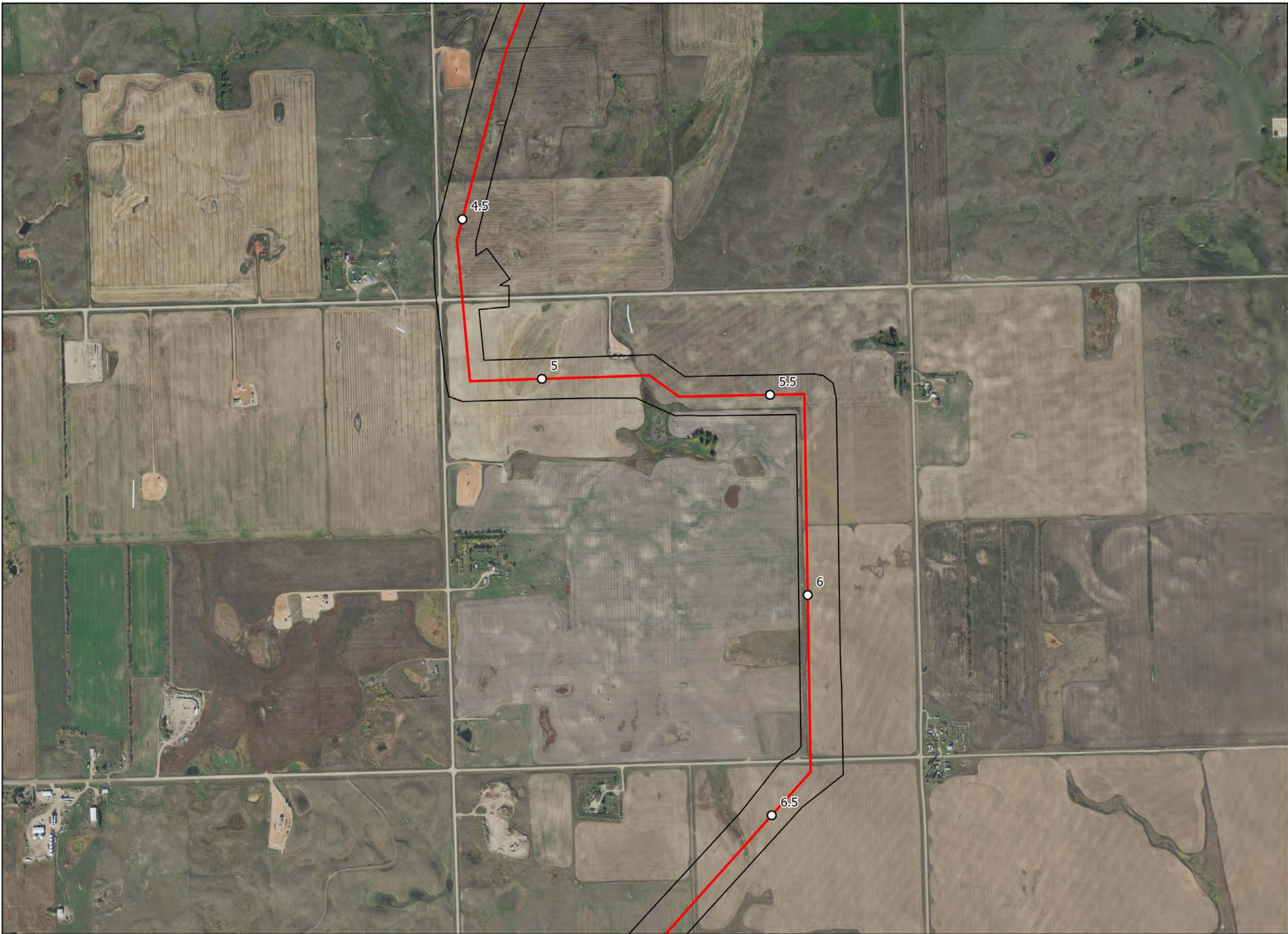




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.3
Offsite Hydrology Assessment
Historic Aerial Review
September 18, 2015
Tioga Extension Project
Williams County, ND
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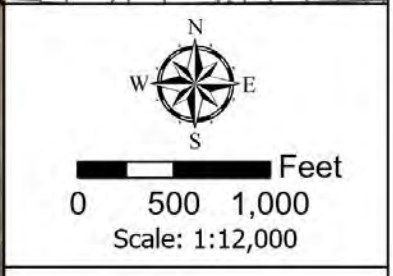
- Legend**
-  Milepost
 -  Proposed Pipeline
 -  Project Area

Figure C.3
Offsite Hydrology Assessment
Historic Aerial Review
September 18, 2015
Tioga Extension Project
Williams County, ND
Page 4 of 5

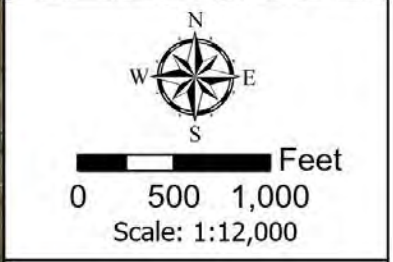




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.3
Offsite Hydrology Assessment
Historic Aerial Review
September 18, 2015
Tioga Extension Project
Williams County, ND
Page 5 of 5



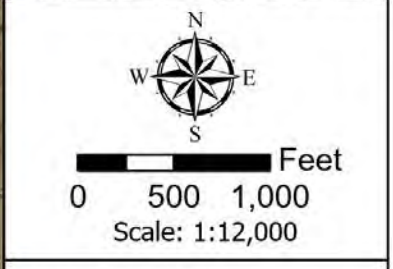


Legend

- Milepost
- Proposed Pipeline
- Project Area

Figure C.4
Offsite Hydrology Assessment
Historic Aerial Review
August 15, 2018
Tioga Extension Project
Williams County, ND
Page 1 of 5

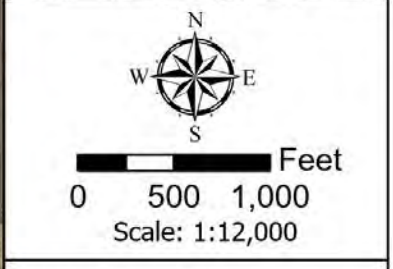




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.4
Offsite Hydrology Assessment
Historic Aerial Review
August 15, 2018
Tioga Extension Project
Williams County, ND
Page 2 of 5

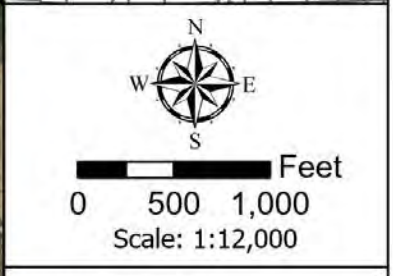




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.4
Offsite Hydrology Assessment
Historic Aerial Review
August 15, 2018
Tioga Extension Project
Williams County, ND
Page 3 of 5

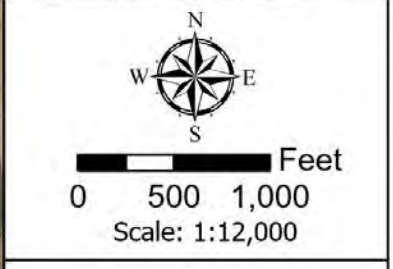
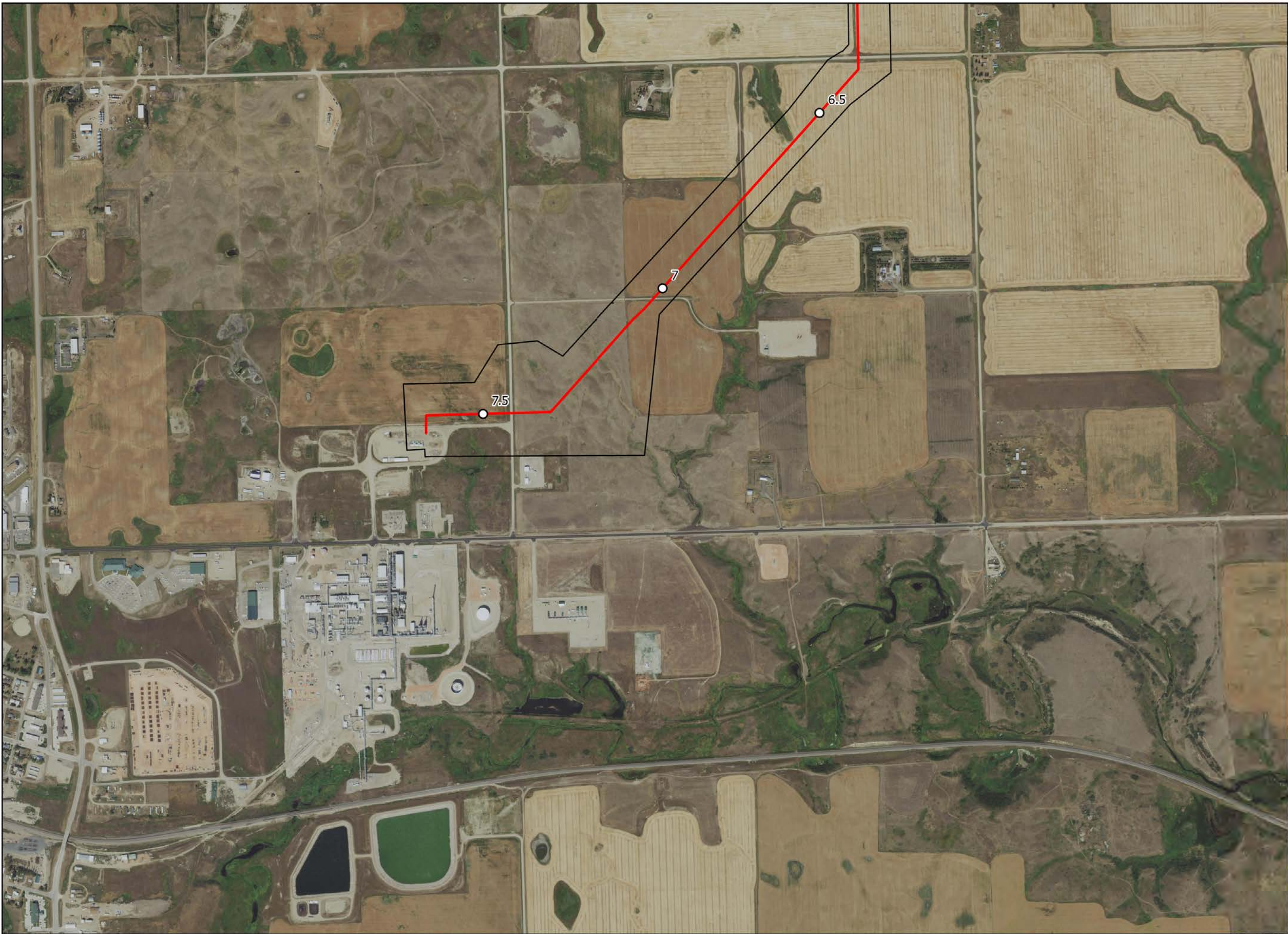




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.4
Offsite Hydrology Assessment
Historic Aerial Review
August 15, 2018
Tioga Extension Project
Williams County, ND
Page 4 of 5

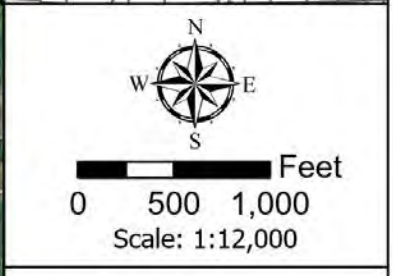




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.4
 Offsite Hydrology Assessment
 Historic Aerial Review
 August 15, 2018
 Tioga Extension Project
 Williams County, ND
 Page 5 of 5

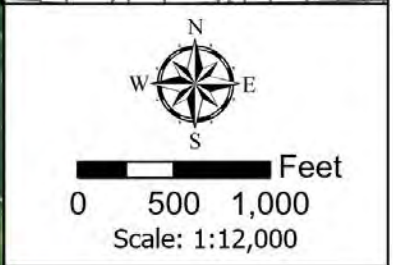




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.5
Offsite Hydrology Assessment
Historic Aerial Review
July 5, 2019
Tioga Extension Project
Williams County, ND
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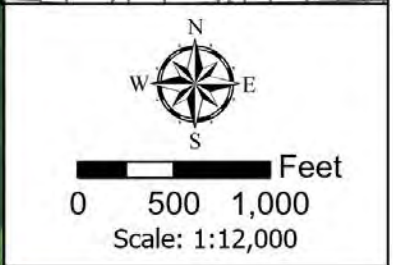




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.5
 Offsite Hydrology Assessment
 Historic Aerial Review
 July 5, 2019
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5

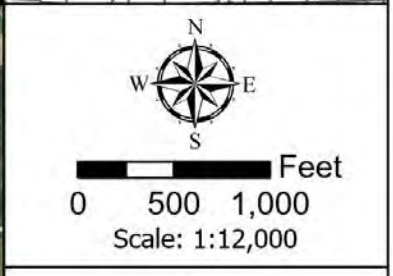
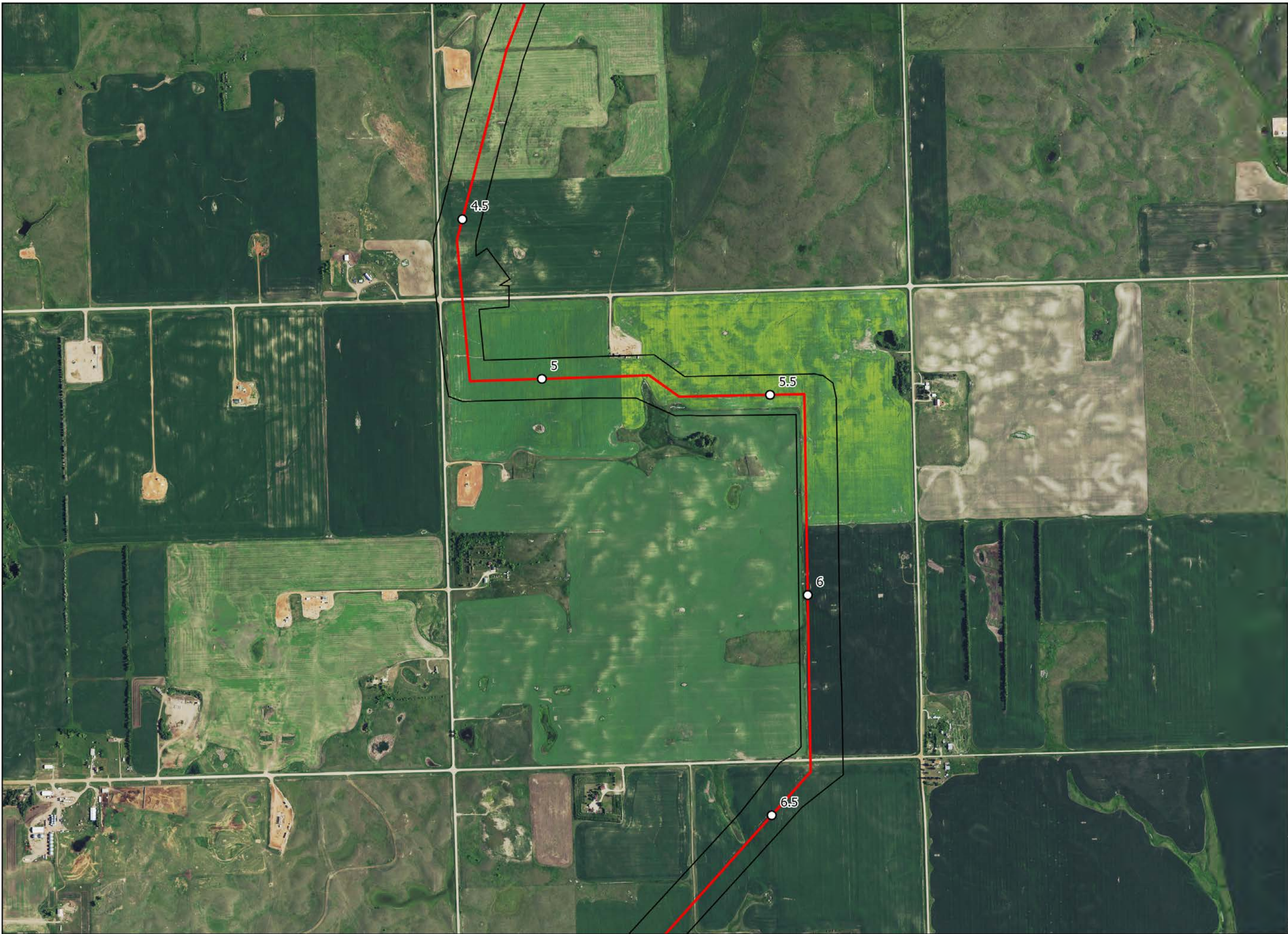




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.5
Offsite Hydrology Assessment
Historic Aerial Review
July 5, 2019
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Williams County, ND
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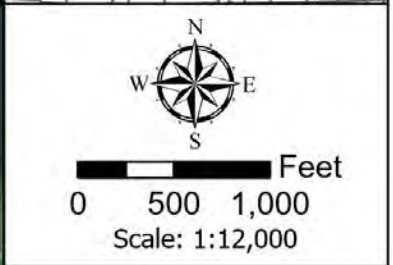




- Legend**
- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.5
Offsite Hydrology Assessment
Historic Aerial Review
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Tioga Extension Project
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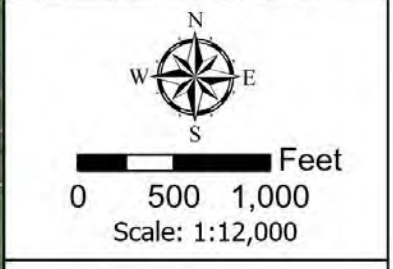
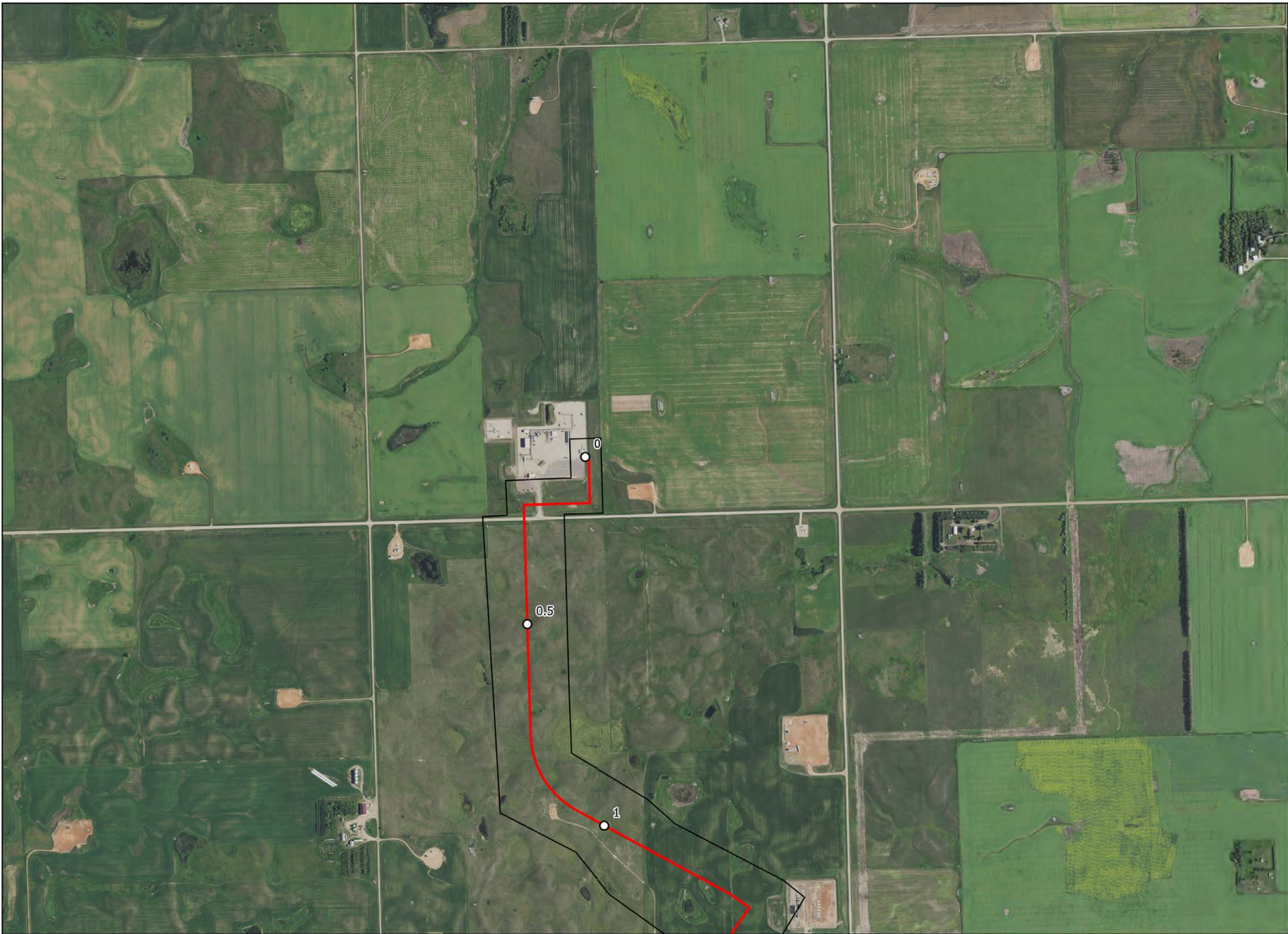




- Legend**
- Milepost
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 - Project Area

Figure C.5
 Offsite Hydrology Assessment
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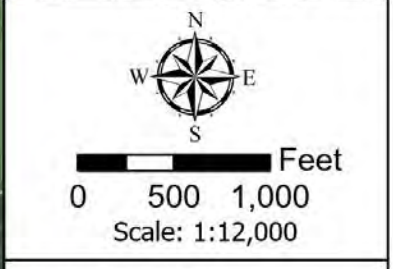




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- Milepost
 - Proposed Pipeline
 - Project Area

Figure C.6
Offsite Hydrology Assessment
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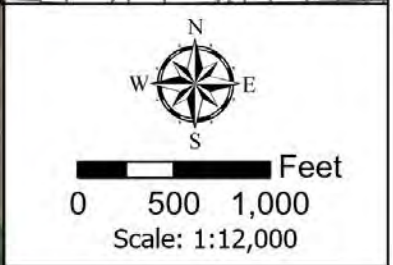




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- Milepost
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 - Project Area

Figure C.6
Offsite Hydrology Assessment
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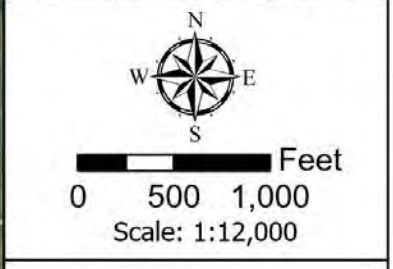
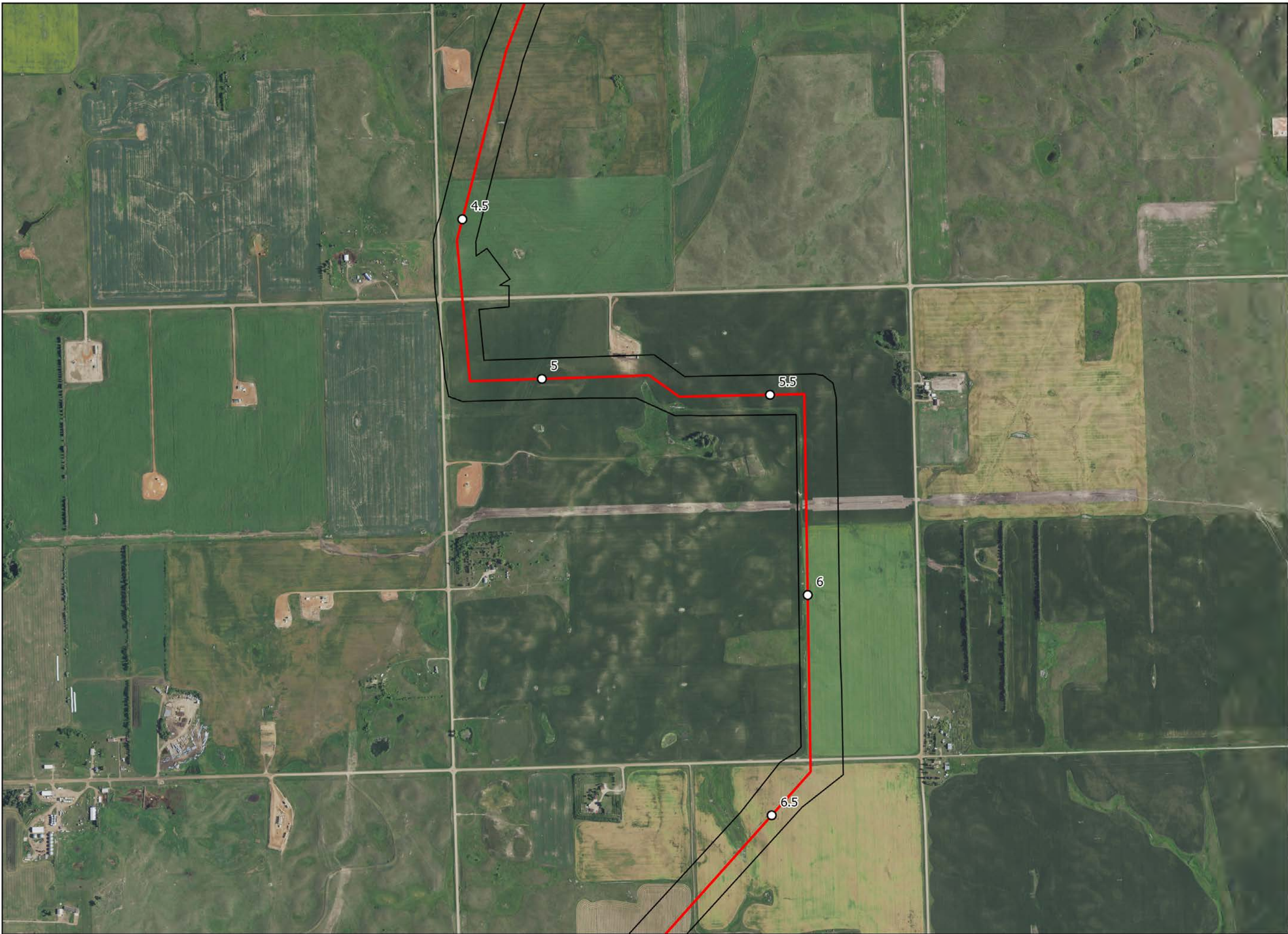
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Figure C.6
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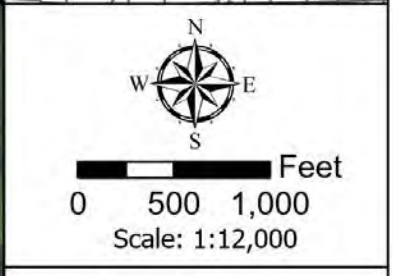




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EXHIBIT E HABITAT REVIEW REPORT



Tioga Extension Project

Habitat Review

PREPARED BY



DATE
2 April 2025

REFERENCE
0760120

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ACRONYMS AND ABBREVIATIONS

Acronym	Description
DASK	Dakota skipper
ERM	Environmental Resources Management
IPaC	Information Planning and Consultation
NDGF	North Dakota Game and Fish Department
NDPSC	North Dakota Public Service Commission
NHD	National Hydrography Dataset
NWI	National Wetland Inventory
ONEOK	ONEOK Bakken Pipeline, L.L.C.
Project	Tioga Extension Project
USACE	U.S Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service

1. INTRODUCTION

Environmental Resources Management (ERM) is providing environmental support services to ONEOK Bakken Pipeline, L.L.C. (ONEOK) for the Tioga Extension Project (Project), an approximate 7.6-mile-long, 6-inch-diameter new construction natural gas liquids pipeline in Williams County, North Dakota. The Project will originate at the existing Silver Hill County Line Gas Plant and terminate at the existing Hess Tioga Plant, where ONEOK will deliver natural gas liquids into ONEOK's Tioga Lateral Pipeline.

The described desktop review was designed to meet the criteria of the North Dakota Century Code, Energy Conversion and Transmission Facility Siting Act, Chapter 49-22.1 and North Dakota Administrative Code, Article 69-06, Energy Conversion and Transmission Facility Siting in support of the Project North Dakota Public Service Commission (NDPSC) application. The Project Area is defined as a corridor of varying width, as provided by ONEOK, to accommodate Project routing and workspace planning. The total Project Area assessed in this report is approximately 652.26 acres.

This document describes a general species habitat assessment of the Project Area, with a focus on the potential habitat for state species of conservation concern and federally protected species. Key habitats assessed are wetlands, waterbodies, and grasslands.

2. HABITAT ASSESSMENT

2.1 HABITAT OVERVIEW

The Project Area is located within the mixed-grass prairie habitat region of North Dakota, which spans from south-central to northwest North Dakota. This region is dominated by hummocky, rolling hills, mixed-grass prairies, and a high concentration of wetlands. A considerable amount of native grassland in this region has been converted to agricultural land with extensive cattle grazing. The native prairies and extensive wetlands provide habitat for high numbers of breeding ducks and grassland wildlife, including federally-listed, state-listed, and other protected species.

2.2 SPECIES AND THEIR POTENTIAL HABITAT

This section describes the species of note that may potentially occur within the Project Area and warrant further consideration and review, given the North Dakota Century Code Chapter 49-22.1 and North Dakota Administrative Code Article 69-06 siting criteria.

The federally protected species potentially present in the Project Area were identified through the U.S. Fish and Wildlife Service (USFWS) Information Planning and Consultation (IPaC) results and are described below and summarized in Table 1. The USFWS IPaC Official Species List is provided as Appendix A.

In addition, the North Dakota Natural Heritage biological conservation database was queried through consultation with the North Dakota Parks and Recreation Department. Results of this query indicate no 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 (see Appendix B). As no

state species of concern or significant ecological communities are in the vicinity of the Project, they are not discussed further in this report.

2.2.1 FEDERAL SPECIES

TABLE 1 FEDERALLY LISTED SPECIES POTENTIALLY OCCURRING IN THE PROJECT AREA

Common Name	Scientific Name	Federal Status
Piping Plover	<i>Charadrius melodus</i>	Threatened
Rufa Red Knot	<i>Calidris canutus rufa</i>	Threatened
Whooping Crane	<i>Grus americana</i>	Endangered
Dakota Skipper	<i>Hesperia dacotae</i>	Threatened
Monarch Butterfly	<i>Danaus plexippus</i>	Proposed Threatened
Suckley's Cuckoo Bumble Bee	<i>Bombus suckleyi</i>	Proposed Endangered
Western Regal Fritillary	<i>Argynnis idalia occidentalis</i>	Proposed Threatened

Piping Plover

Piping plovers are small shore birds that nest on sandbars in rivers and sandy beaches bordering lakes and reservoirs. One population can be found along rivers and lakes in the Northern Great Plains. The Great Plains population of piping plovers are annual migrants; the species overwinters on the Gulf coast and migrates to summer nesting areas in the central United States and southern Canada. The species arrives in North Dakota in mid-April and remains until late August. Piping plovers utilize wide, sparsely vegetated beaches and barren river sandbars, as well as alkali lakes and wetlands in the Great Plains for nesting, foraging, sheltering, brood-rearing, and dispersal. Minimum habitat requirements consist of beaches with a shoreline length of at least 0.2 km (0.12 mi) of gently sloping, sparsely vegetated sand beach with a total beach area of at least 5 acres.

Rufa Red Knot

The rufa red knot is a medium-sized shorebird noted for its long-distance migration between summer breeding grounds in the Arctic and wintering areas at high latitudes in the Southern Hemisphere. Some red knots wintering in the Gulf migrate through interior North America during the spring migration and use inland saline lakes as stopover sites in the Northern Great Plains for rest and foraging. Available data indicates a small number of rufa red knots may occasionally use manmade freshwater habitats (e.g., impoundments); the use of freshwater wetlands as stopover habitat is unconfirmed.

Whooping Crane

Whooping cranes are large migratory birds that primarily use wetlands and cropland ponds for roosting, feeding, or both during migration. Twice yearly in the spring and fall, the cranes migrate along the Central Flyway, a migratory corridor approximately 220 miles wide and 2,400 miles in length that includes eastern Montana and portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and eastern Texas. During the migration, cranes make numerous stops,

roosting in large shallow marshes, and feeding in harvested grain fields. The Project Area falls within the 95 percent migration corridor.

Dakota Skipper

The Dakota skipper (DASK) is a small-to-medium sized butterfly characterized by a short, sturdy body and a quick, skipping flight. The species is an obligate of high-quality prairie habitat (i.e., grasslands or discrete patches of habitat within a grassland that are predominantly native and that have not been tilled). The species does not thrive in heavily grazed or cultivated areas. Adults emerge in mid-June, feeding on the nectar of flowering native forbs; harebell, wood lily, and purple coneflower are common components of their diet. Larvae of the DASK feed on grasses, favoring little bluestem. The species overwinters at the base of grasses in the soil of the site which they inhabit. In North Dakota, the DASK typically occupies both wet-mesic and dry-mesic prairie. Grasslands dominated by exotic, invasive, or introduced plant species, or are low diversity grasslands, are unlikely habitat for DASK. High quality, high diversity, unbroken native prairie may provide appropriate habitat for DASK. The DASK habitat is further described in Section 2.4.4.2.

Monarch Butterfly

The monarch butterfly migrates across North Dakota. Habitat for the monarch butterfly can include a variety of landscapes where milkweed (*Asclepias* spp.) and nectar plants are present. Adult monarchs feed on the nectar of many flowers and lay their eggs on milkweed, the larvae caterpillar's only food source. Both uplands and wetlands with high density of milkweed could contain both caterpillars and adult monarchs. A diversity of flowering plants provides forage resources for adults.

Suckley's Cuckoo Bumble Bee

The Suckley's cuckoo bumblebee can be found in prairies, grasslands, meadows, woodlands, and agricultural and urban areas. The species is a social parasite that depends on the nests of other bumble bee species during the nesting season. It has experienced rapid population decline and there have been no recent reports of the species in North Dakota, although the state is within its historic range.

Western Regal Fritillary

Western regal fritillary butterfly is typically found in tall-grass prairie remnants and other native prairie habitats. Regal fritillary adults rely on native nectar plants while larvae rely exclusively on native violets as a food source. All life stages are dependent on native warm-season grasses which act as protective sites. This species tends to remain within the boundaries of prairie habitats and viable populations are typically found in large 120 to 240 acre grasslands with some dispersal into remnant habitat. In North Dakota, the regal fritillary can be found state-wide in areas of quality habitat, with the southeast corner of the state providing the majority of the remaining habitat.

2.2.2 MIGRATORY BIRDS AND BALD AND GOLDEN EAGLES

Stopover habitat for migratory birds during migration and breeding seasons typically include wetlands, as well as grasslands, prairies, and forested upland. North Dakota is the northern terminus for migration of several species of migratory shore birds, and nesting habitat includes native grasslands, shorelines along rivers and lakes, and sparsely vegetated wetlands.

Bald eagles inhabit estuaries, large lakes, reservoirs, and rivers, and primarily utilize large trees to build nests, as well as cliffs and man-made structures. Golden eagle habitat typically includes grasslands, forests, woodlands, and arid deserts. Golden eagles will nest on cliffs or large trees with unobstructed views and typically avoid urban habitat and densely forested areas. ERM conducted desktop analysis to determine if suitable nesting habitat for migratory birds or bald and golden eagles is present within or within line-of-site of the Project Area.

2.3 DESKTOP REVIEW METHODOLOGY

As described in Section 2.2, many of the protected species potentially present in the Project Area use native prairie grasslands or wetland habitats. Therefore, this assessment focuses on those habitat types.

ERM completed a desktop assessment of the wetland, waterbody, and grassland resources within the Project Area to determine the potential presence of habitat for the protected species described above. The vegetation, landcover, and water resources within the Project Area were evaluated for suitability as habitat for the identified protected species. The methodology used for the review of potential protected species habitat, including water resources and grasslands, is described below.

2.3.1 WETLAND AND WATERBODY RESOURCES REVIEW

ERM conducted a desktop delineation to identify the extent and spatial arrangement of aquatic features within the Project Area. U.S. Geological Survey topographic maps, U.S. Department of Agriculture Natural Resources Conservation Service soil survey data, National Wetland Inventory (NWI) mapping, National Hydrography Dataset (NHD), and aerial photography were reviewed to determine the wetlands and waterbodies in the Project Area. The wetland delineation was conducted in accordance with the Level I methods outlined in the *U.S Army Corps of Engineers (USACE) 1987 Wetlands Delineation Manual* (Environmental Laboratory 1987), along with the *USACE Regional Supplement for the Great Plains* (USACE 2010). The full Level I Delineation report is provided as Exhibit D of the NDPSC application.

2.3.2 GRASSLAND HABITAT REVIEW

A desktop assessment was completed to assess the potential for unbroken and native grasslands that may serve as habitat for these species. Methods for identifying grasslands were consistent with the North Dakota Game and Fish Department (NDGF) protocol for local scale assessment (NDGF 2021).

ERM utilized grassland data and Key Native Wildlife and Habitat Areas (NDGF 2014, 2022) to estimate unbroken and broken grasslands as of 2022. Unbroken grasslands are defined as native prairie that is predominantly composed of native grasses and forbs and has not been plowed or converted to other land uses. Unbroken grasslands may be grazed, mowed for hay, or periodically burned. Broken grasslands are lands that have been plowed and converted to grassland uses other than native prairie. These grasslands are frequently planted with non-native forage or groundcover grass species. Additionally, landcover data was used to identify other grasslands, particularly LandFire data which represents more recent landcover estimation as of 2022 (USDOI 2022).

The datasets reviewed to determine potential presence of native grasslands include the following:

- North Dakota Micro Native Grassland Range, which includes datasets created from landcover data from which developed, cultivated, and Conservation Reserve Program (CRP) lands were subtracted to generate baseline data of broken and unbroken grasslands. The designation of unbroken and broken grasslands in this dataset provides a reasonable desktop approximation of native prairie compared to altered grassland (NDGF 2014, 2022).
- National Wetlands Inventory, which is created using remote sensing data, aerial photographs, topography, and soils (USFWS 2024).
- LandFire Existing Vegetation Type layer, which was generated in joint agency collaboration to produce regular updates on vegetation cover prepared by the U.S. Department of Interior Geological Survey and U.S. Department of Agriculture Forest Service (LandFire 2013, 2022).
- Aerial photos from years 2004, 2014, 2015, 2018-2020, and 2023 to provide evidence of development, plowing, grading, or row crops which would indicate that grassland parcels are broken or converted to other land uses (ESRI 2024).
- Natural Resources Conservation Service Soil Survey (Soil Survey Staff, 2025).

2.3.2.1 DAKOTA SKIPPER HABITAT REVIEW

A detailed evaluation of grasslands was completed to determine if the grasslands adjacent to and within the Project Area constitute potentially suitable habitat for the DASK. USFWS survey protocols for DASK require consideration of habitat adjacent to and within proposed work areas because butterflies exist in patches of habitat and disperse among patches (USFWS 2024). In consideration of the broader landscape and habitat potentially adjacent to the Project, ERM reviewed a one-mile-wide corridor centered on the proposed pipeline alignment (an area of 5,230.5 acres, referred to herein as the Study Area) for potential DASK habitat. Two types of habitats for DASK foraging and reproduction have been described: Type A and Type B. According to the USFWS, Type A habitat consists of “low-lying, wet-mesic prairie with little topographic relief that occurs on near-shore glacial lake deposits” (USFWS, 2024). A variety of native grasses and forbs are found in Type A habitat. A slightly different composition of native grasses and forbs are found in Type B habitat, although there are many species in common. Type B habitat occurs “primarily on rolling terrain over gravelly glacial moraine deposits” (USFWS, 2024).

Two peer-reviewed papers on DASK habitat models provide guidance on parameters that may potentially aid in making desktop inferences about the potential presence of habitat, and subsequently, the potential occurrence of DASK in the Study Area:

- Barnes et al. (2024) evaluated general habitat suitability by linking survey observations and environmental parameters. Their objectives were to describe habitat and potential habitat as well as model the future geographic distribution of habitat under climate change models. They found six bioclimatic variables, 18 vegetation variables, and one soil variable related to soil carbon content that were most predictive. The most informative finding relevant for this desktop habitat review is an association with undisturbed grasslands with higher perennial grass and forb cover and biomass, which are estimated using the unbroken grassland category.

- Royer et al. (2008) initially defined the two habitat types in North Dakota. Type A habitats tend to occur on relatively flat sandy loam and loamy sand soils formed in near-shore locations of historic glacial lakes. Plant communities within Type A habitat are wet-mesic prairies dominated by native perennial grasses with a diversity of forbs. Type B habitats tend to occur on rolling to hilly sandy loam or loamy sand soils formed in gravelly glacial till such as on moraines or till plains, also with vegetation dominated by native perennial grasses with a diversity of forbs. Forbs provide foraging resources for adults during the relatively short flight and reproductive time (up to 3 weeks). Eggs are laid on grass leaves, upon which larval DASK forage after hatching. The most common larval forage plant appears to be little bluestem (*Schizachyrium scoparium*). Overwintering habitat is underground, typically at the base of bunchgrasses, a subset of native perennial grasses.

In accordance with these sources, a prairie with bunchgrasses and forbs could be considered reproductive habitat. A prairie lacking bunchgrasses, but otherwise containing native grasses and forbs, could be considered foraging habitat for adults (Royer et al., 2008; NatureServe 2025; USFWS 2020).

Broken grasslands, which have been plowed, and wholly or partially converted to nonnative grasses typically lack the grass foraging resources for larvae and flowering forage resources for adults, and therefore, do not provide suitable resources to support populations of DASK. This species exists in patches and adults can disperse among patches but at low frequencies. Field studies suggest that average adult movement over 3-7 days was less than 300 m (984 ft). Long distance dispersal greater than 1,000 m (3,281 ft) is unlikely (NatureServe 2025).

The habitat model of Barnes et al. (2024) identified several parameters of DASK habitat, which are interpreted to be consistent with unbroken grasslands as indicated by NDGF (2022) and LandFire (2022) data. The occurrence of Type A and Type B habitats described by Royer et al. (2008) were evaluated by querying the soil survey (Soil Survey Staff, 2025) for a list of soil series, and associated geomorphic landforms and soil textures. Type A DASK habitat occurs on glaciolacustrine soil parent materials (Royer et al. 2008). Type B habitat may occur on rolling topography formed from glacial till, and soils that are sandy loam or loamy sand. It is unclear how strong the association is between DASK habitat and soil texture; however, plant community is an important factor in DASK habitat, with native perennial grasses and forbs being essential for foraging resources to complete the butterfly's life cycle. Soil type will affect the plant community, but it may not be the predominant factor for butterfly foraging habitat. Soil type may have a controlling influence on overwintering habitat because larvae survive underground. Soil texture may influence burrowing success. The strongest determinants appear to be native perennial prairie vegetation including grasses, bunchgrasses and a diversity of forbs. Land use and management may also affect habitat suitability, in that fire suppression or intensive grazing may degrade quality as DASK habitat.

To estimate potential habitat for DASK, the NDGF grassland dataset and LandFire datasets were evaluated and compared to aerial photographs. Additional grassland polygons were digitized and added to the NDGF data where grassland was adjacent to, or contiguous with, similar landcover based on LandFire classification, aerial photograph, and aerial photograph signatures. Wetlands, as depicted by the NWI, were excised out of the resulting data because wetlands, generally, are

not appropriate habitat for DASK. Disturbed or developed areas, as shown on aerial photographs, were digitized and excised out of habitat data. Most of these areas represent farmsteads, well pads, or industrial facilities. Single lane farm or access roads were not excluded from the habitat delineation. State and County roads were largely absent from habitat data because they are classified as developed in LandFire data. The resulting data represents an estimated area of potential habitat for reproduction and foraging of adult and larval DASK in the Project Area.

To display potential habitat of DASK, data was symbolized as one of three categories:

- **Potential Reproductive and Foraging Habitat (unbroken grassland).** These areas represent the combined NDGF unbroken grassland and digitized grassland described above. Because the essential element for distinguishing habitat that is suitable only for adult foraging from habitat that is also suitable for egg and larval growth (reproductive) is presence or absence of bunchgrasses, which larvae depend upon for overwintering, it is not possible to distinguish between these habitat uses based on desktop data. Where Type A or Type B habitat for DASK may occur in the Study Area is captured within this mapped area.
- **Potential Dispersal Habitat (broken grassland).** These areas are broken grasslands or wetlands as suggested by NDGF and LandFire datasets as well as aerial photographs. These represent disturbed grasslands that are unlikely to have appropriate foraging plant species for larvae or adults, or small wetlands that the species may be able to traverse. However, the presence of grasses of any kind indicates that adult DASK may be able to disperse through these areas, traveling between more suitable habitat patches during their flight period as butterflies (NatureServe 2025).
- **Unsuitable Habitat.** All other areas, which primarily includes cultivated agriculture or developed areas such as roadways, farmsteads, or industrial facilities, are considered unsuitable habitat.

These three categories of potentially suitable and unsuitable habitat were quantified at two different scales: the Project Area, and the broader 1-mile-wide Study Area centered on the proposed pipeline alignment.

2.4 RESULTS AND DISCUSSION

2.4.1 WETLAND AND WATERBODY RESOURCES

The Level I delineation identified 29 potential wetlands totaling 27.43 acres and two potential waterways measuring 932 linear feet within the Project Area. The identified wetlands consisted of twenty-five NWI mapped wetland features, four additional palustrine emergent (PEM) wetlands observed in historical aerial imagery, and two NHD mapped intermittent waterways. The wetland types identified within the Project Area consist of the PEM community type. PEM wetlands can encompass a variety of habitat types such as wet meadows, swales, seasonally flooded basins, and herbaceous marshes. Some of these wetlands, particularly seasonally flooded basins, may be subject to agricultural use. Two NHD mapped intermittent streams were identified within the Project Area. No shorelines, alkaline lakes or wetlands, or saline lakes were identified in the Project Area. The full Level I Delineation report is provided as Exhibit D of the NDPSC application.

2.4.2 EXISTING LAND COVER

A review of the existing land cover within the Project Area identified approximately 353.6 acres herbaceous cover, which corresponds to grassland and forage crops (LandFire 2022). This is the dominant land cover, followed by agricultural row crops (approximately 272.7 acres) and developed land (approximately 24.8 acres), which represent farmsteads, roads, well pads, and industrial facilities. Inspection of aerial photographs suggests the area of developed land is underestimated, as additional or new facilities are present that were not detected during the LandFire remote sensing data collection or have been constructed after the creation of the LandFire dataset. These features missing from the LandFire data were taken into consideration during assessment of potential protected species habitat. A review of aerial photographs also indicates the Project Area has been previously disturbed by industrial and agricultural activities, including installation and maintenance of pipeline infrastructure and associated rights-of-way, historical agricultural use, and maintained pastures and row crops. The historical disturbance of the area was considered when determining the presence of quality habitat within the Project Area. The area in acres by vegetation type is provided in Table 2 and shown in Appendix C.

TABLE 2 AREA OF VEGETATION COVER TYPE WITHIN THE PROJECT AREA

Vegetation Cover Type	Total (acres)
Developed	24.8
Herb Cover (i.e., grassland)	353.6
Quarries	0.9
Sparse Vegetation Canopy	0.2
Agricultural	272.7
Total	652.3

2.4.3 GRASSLAND RESOURCES

A review of the grassland resources within the Project Area identified approximately of 353.6 total acres of grasslands, including 287.6 acres of unbroken grassland and 66.1 acres of broken grassland (NDGF 2022). Broken grassland is typically dominated by introduced forage species as suggested by land use evident in aerial photographs. The area in acres by grassland type is provided in Table 3 and shown in Appendix C.

TABLE 3 AREA OF GRASSLAND TYPE WITHIN THE PROJECT AREA

Grassland Type	Total (acres)
Unbroken Grassland	287.6
Broken Grassland	66.1
Total	353.6

2.4.4 PROTECTED SPECIES HABITAT

ERM analyzed the results of the Level I delineation for aquatic resources, landcover data and imagery, and conducted detailed analysis of grasslands to determine the potential for protected species habitat to be present in the Project Area. No USFWS-designated critical habitat is in the Project Area. A summary of the analysis for protected species habitat within the Project Area is provided in Table 5 below.

TABLE 5. PROTECTED SPECIES HABITAT POTENTIALLY PRESENT WITHIN THE PROJECT AREA

Common Name	Federal Status	Habitat Requirements	Potential Habitat in Project Area
Piping Plover (<i>Charadrius melodus</i>)	Threatened	Beaches with a shoreline length of at least 0.2 km (0.12 mi) of gently sloping, sparsely vegetated sand beach with a total beach area of at least 5 acres were not present within the Project Area.	Not Likely
Rufa Red Knot (<i>Calidris canutus rufa</i>)	Threatened	Saline lakes are not present within the Project Area. Freshwater wetlands are present but are not confirmed as migratory stopover habitat.	Not Likely
Whooping Crane (<i>Grus americana</i>)	Endangered	Wetlands and cropland ponds that could provide migratory stopover habitat for roosting, feeding, or both during migration are present in the Project Area.	Likely
Dakota Skipper (<i>Hesperia dacotae</i>)	Threatened	Native prairie, including unbroken grassland, is present in the Project Area. Potential habitat includes approximately 291.0 acres of potential reproductive or foraging habitat and 49.3 acres of potential dispersal habitat (see Section 2.3.4.1).	Likely
Monarch Butterfly (<i>Danaus Plexippus</i>)	Proposed Threatened	Native prairie, wetlands, and fields that could provide habitat are present in the Project Area.	Likely
Suckley's Cuckoo Bumble Bee (<i>Bombus suckleyi</i>)	Proposed Endangered	Native prairie, wetlands, and fields that could provide habitat are present in the Project Area.	Likely
Western Regal Fritillary (<i>Argynnis idalia occidentalis</i>)	Proposed Threatened	Native prairie, including unbroken grassland, is present in the Project Area.	Likely

2.4.4.1 MIGRATORY BIRDS AND BALD AND GOLDEN EAGLES

Desktop analysis found that suitable stopover habitat, including wetlands and native grasslands, for migratory birds is present within the Project Area; however, nesting habitat for bald and golden eagles was not identified within the Project Area. In addition, the North Dakota Game and Fish Department database was queried through consultation with the agency, confirming that no known eagle nests are within 0.5-mile of the Project (see Appendix B).

2.4.4.2 DAKOTA SKIPPER HABITAT ASSESSMENT

Further analysis of the unbroken and broken grasslands was conducted to determine the potential for DASK habitat within the Project Area and one-mile-wide Study Area, including addition of DASK grassland habitat based on LandFire classification and removal of unsuitable DASK habitat (i.e. wetlands and disturbed areas). Following the methodologies described in Section 2.3.3, ERM identified approximately 291.0 acres of potential reproductive or foraging habitat and 49.3 acres of potential dispersal habitat for the DASK within the Project Area. The remainder of land cover types reviewed (approximately 312.1 acres) were classified as unsuitable DASK habitat. In the larger 1-mile corridor, 1,617.5 acres of potential reproductive or foraging habitat and 650.5 acres of potential dispersal habitat were documented. The remaining 2,962.2 acres were unsuitable habitat. The area in acres by DASK habitat type is provided in Table 4 and shown in Appendix D.

TABLE 4 AREA OF DAKOTA SKIPPER HABITAT WITHIN THE PROJECT AREA AND 1-MILE CORRIDOR

Dakota Skipper Habitat	Project Area (acres)	1-Mile Study Area (acres)
Potential Reproductive and Foraging Habitat	291.0	1,617.5
Potential Dispersal Habitat	49.3	650.5
Unsuitable Habitat	312.0	2,962.2
Total	652.3	5,230.2

The Project Area was reviewed for potential Type A and B habitats for DASK foraging and reproduction, including querying the soil survey for a list of soil series and associated geomorphic landforms and soil textures. There are no glaciolacustrine soil parent materials, which precludes the occurrence of Type A DASK habitat as described by Royer et al. (2008). Type B habitat may occur on rolling topography formed from glacial till, which are present in the Project Area as Wabek-Appam complex soils (approximately 5.5 acres). The locations of Wabek-Appam soils in the Project Area are tilled for row crops, which eliminates all habitat value for DASK. All other soils in the Project Area are different textures, predominantly loams or fine loams, with minor components of silt loams, silty clay loams, silty clay, or sandy-skeletal (i.e., gravelly). A desktop review map of the soils and geomorphology in the Project Area are provided in Appendix E.

Soil survey data indicates Type A and B soil types are not present within the Project Area. However, the absence of sandy loam and loamy sand soils is not sufficient to determine lack of DASK habitat. Therefore, due to the presence of perennial native unbroken grasslands, DASK habitat is potentially present within the Project Area.

3. CONCLUSION

The desktop review identified that wetlands, waterbodies, and broken and unbroken grasslands are present in and surrounding the Project Area, as shown in Exhibit D of the NDPSC application and Appendix C to this report, respectively.

The Project Area crosses approximately 27.4 acres of wetlands, 932 linear feet of waterways, and 353.6 acres of grasslands. No shorelines, alkaline lakes or wetlands, or saline lakes were identified, therefore habitat for the piping plover and rufa red knot is not likely to occur within the Project Area. However, the Project Area may serve as stopover habitat during the whooping crane migration periods.

The grasslands identified in the Project Area may provide suitable habitat for the federally-endangered DASK, as well as the federally proposed monarch butterfly, Suckley's cuckoo bumble bee, and western regal fritillary. The Project route crosses approximately 2.3 miles of potential DASK reproductive and foraging habitat and approximately 0.4 miles of potential DASK dispersal habitat, equating to 36.2 percent of the linear route crossing potential DASK habitat. Potential habitat for the DASK based on desktop review is mapped and provided as Appendix D. Further evaluation of habitat and/or occurrence of DASK in the Project Area requires onsite surveys of plant species composition and butterfly flight surveys.

The assessment was performed by experienced and qualified professionals using scientific based practices, and results of this review will inform ONEOK's NDPSC application.

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APPENDIX A

USFWS INFORMATION FOR PLANNING AND
CONSULTATION OFFICIAL SPECIES LIST



United States Department of the Interior



FISH AND WILDLIFE SERVICE
North Dakota Ecological Services Field Office
3425 Miriam Avenue
Bismarck, ND 58501-7926
Phone: (701) 250-4481 Fax: (701) 355-8513

In Reply Refer To:
Project Code: 2025-0052403
Project Name: Tioga Extension Pipeline

02/05/2025 20:24:36 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Section 7 of the Endangered Species Act

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list. The Act requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service *if they determine their project and associated actions "may affect" listed species or critical habitat*. If Federal agencies or their non-federal representatives determine their project and associated actions will have "no effect" on listed species, their habitats, or designated critical habitat, consultation is not required. However, if a "no effect" is determined, we recommend that you maintain a written record in support of your conclusion.

Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act

Additionally, while not all are listed as threatened or endangered, eagles and migratory birds

have protections under the Bald and Golden Eagle Protection Act (BGEPA) and the Migratory Bird Treaty Act (MBTA). The BGEPA prohibits take which is defined as, “pursue, shoot, shoot at, poison, wound, kill, capture, trap, collect, destroy, molest, or disturb” (50 CFR 22.3). Disturb is defined in regulations as, “to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, 1) injury to an eagle, 2) decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or 3) nest abandonment, by substantially interfering with normal breeding, feeding, or sheltering behavior.”. The MBTA makes it unlawful without a waiver to pursue, hunt, take, capture, kill, or sell birds listed as migratory birds, including eagles. The statute does not discriminate between live or dead birds and also grants full protection to any bird parts including feathers, eggs, and nests.

Service Property Interests

As part of the National Wildlife Refuge System, the Service administers fee title Refuge and Waterfowl Production Areas, as well as wetland and grassland easements, throughout North Dakota. For exact locations of Service interest lands, please contact the appropriate Wetland Management Districts (WMD) for guidance regarding FWS easements.

Northwest ND WMD Complex: Kyle Flanery, (701) 768-2548

Eastern ND WMD Complex: Dave Azure, (701) 285-3341

Central ND WMD Complex (also covers south and west): Todd Luke, (701) 442-5474

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

North Dakota Ecological Services Field Office

3425 Miriam Avenue

Bismarck, ND 58501-7926

(701) 250-4481

PROJECT SUMMARY

Project Code: 2025-0052403
Project Name: Tioga Extension Pipeline
Project Type: Pipeline - Onshore - New Constr - Below Ground
Project Description: 7.6 mile, 6 inch diameter new construction of a natural gas liquids pipeline.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@48.447662550000004,-102.90095158524781,14z>



Counties: Williams County, North Dakota

ENDANGERED SPECIES ACT SPECIES

There is a total of 7 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Rufa Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Whooping Crane <i>Grus americana</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/758	Endangered

INSECTS

NAME	STATUS
Dakota Skipper <i>Hesperia dacotae</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1028	Threatened
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened
Suckley's Cuckoo Bumble Bee <i>Bombus suckleyi</i> Population: No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10885	Proposed Endangered
Western Regal Fritillary <i>Argynnis idalia occidentalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/12017	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

The following FWS National Wildlife Refuge Lands and Fish Hatcheries lie fully or partially within your project area:

FACILITY NAME	ACRES
WILLIAMS COUNTY WATERFOWL PRODUCTION AREA https://www.fws.gov/our-facilities?keywords=%5C%22WILLIAMS+COUNTY+WATERFOWL+PRODUCTION+AREA%5C%22	0

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

FRESHWATER EMERGENT WETLAND

- PEM1A
- PEM1C

RIVERINE

- R4SBC

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Daniel DeJoode
Address: ERM
Address Line 2: 222 S 9th St., Suite 2900
City: Minneapolis
State: MN
Zip: 55402
Email: daniel.dejoode@erm.com
Phone: 6128177587



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APPENDIX B

NORTH DAKOTA PARKS AND RECREATION
DEPARTMENT AND NORTH DAKOTA GAME
AND FISH DEPARTMENT
CORRESPONDENCE

March 6, 2025

Bill Miller
ONEOK Inc.
100 West Fifth Street
Tulsa, OK 74103

Re: ONEOK Bakken Pipeline Tioga Extension Project

Dear Bill,

The North Dakota Parks and Recreation Department (NDPRD) has reviewed the above-referenced proposed construction of natural gas pipeline referred to as the Tioga Extension Project located on Willimas, North Dakota.

NDPRD's scope of authority and expertise covers properties that NDPRD owns, leases, or manages; properties protected under Section 6(f) of the Land and Water Conservation Fund (LWCF); rare plants; and ecological communities established through the Natural Heritage Program.

The project does not appear to affect properties NDPRD owns, leases, or manages positively.

The project does not appear to affect any properties protected under Section 6(f) of the LWCF.

A North Dakota Natural Heritage biological conservation database query determines 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, we have no known plant and animal species of concern or significant ecological communities documented within or immediately adjacent to the project site.

We appreciate your commitment to rare plant, animal, and ecological community conservation, management, and inter-agency cooperation. For additional information, please contact Kathy Duttonhefner at 701-328-5370, 701-220-3377 (cell), or kgduttonhefner@nd.gov.

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

Sincerely,



Kathy Duttonhefner, Chief Natural Resources Division

From: [Johnson, Sandra K.](#)
To: [Eddie Zedaker](#); [Schumacher, John D.](#)
Cc: [Miller, Bill P.](#); [Maddy Krumwiede](#); [Ariana Rodriguez](#)
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Tuesday, March 18, 2025 8:04:34 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)

EXTERNAL MESSAGE

Hi Eddie,
There are no known Bald or Golden Eagle nests within 0.5 mile of the project area.
Let me know if you have any other questions.
Thanks,
Sandy

Sandra Johnson
Conservation Biologist

(701) 328-6382 • sajohnson@nd.gov • gf.nd.gov



NORTH
Dakota | Game and Fish
Be Legendary.



From: Eddie Zedaker <eddie.zedaker@erm.com>
Sent: Wednesday, March 12, 2025 10:29 AM
To: Schumacher, John D. <jdschumacher@nd.gov>; Johnson, Sandra K. <sajohnson@nd.gov>
Cc: Miller, Bill P. <Bill.Miller@oneok.com>; Maddy Krumwiede <maddy.krumwiede@erm.com>; Ariana Rodriguez <ariana.rodriguez@erm.com>
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

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

From: Eddie Zedaker
Sent: Wednesday, March 12, 2025 9:57 AM
To: Schumacher, John D. <jdschumacher@nd.gov>; sajohnson@nd.gov
Cc: Miller, Bill P. <Bill.Miller@oneok.com>; Maddy Krumwiede <maddy.krumwiede@erm.com>; Ariana Rodriguez <ariana.rodriguez@erm.com>

Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Dear Mr. Schumacher and Ms. Johnson,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Eddie Zedaker
Managing Consultant, Capital Project Delivery

Mobile
(256) 872-5818

erm.com



P.S. I have uploaded the zipped shapefile to the secure transfer link provided by Mr. Schumacher.

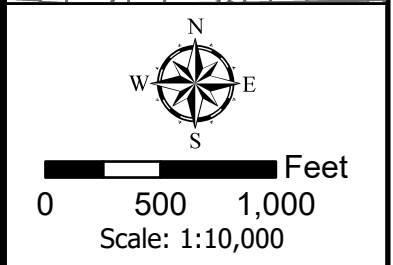
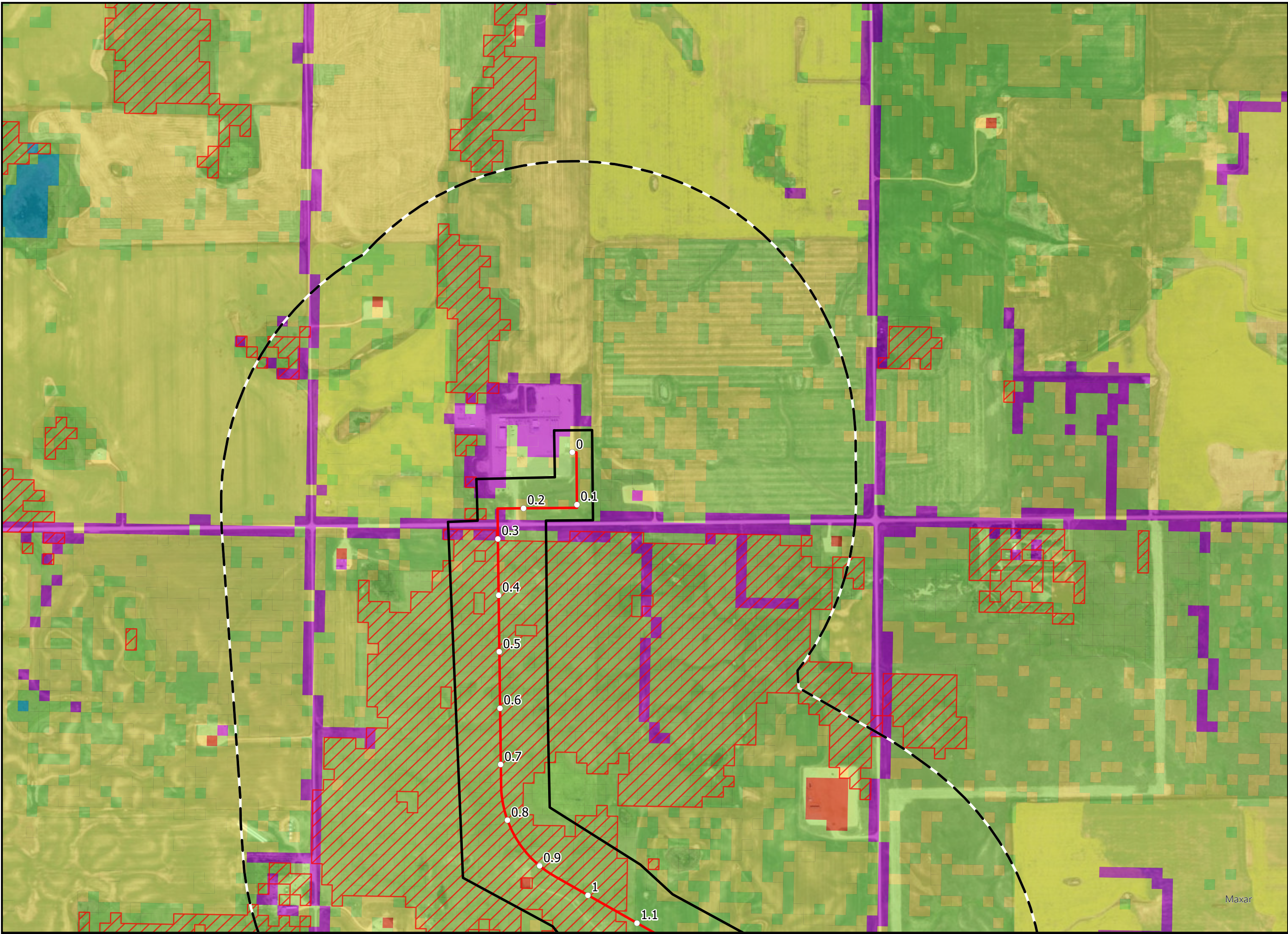
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APPENDIX C

LAND COVER AND GRASSLAND HABITAT
MAP



- Legend**
- Milepost
 - Proposed Pipeline
 - ⊖ 1 Mile Study Area
 - ▭ Project Area
 - NDGF Unbroken Grassland 2022**
 - ▨ NDGF Unbroken Grassland 2022
 - Landfire Vegetation**
 - Developed
 - Agricultural
 - Open Water
 - Quarries
 - Herb Cover

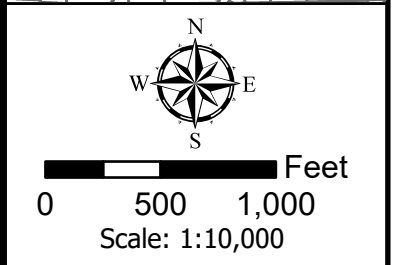
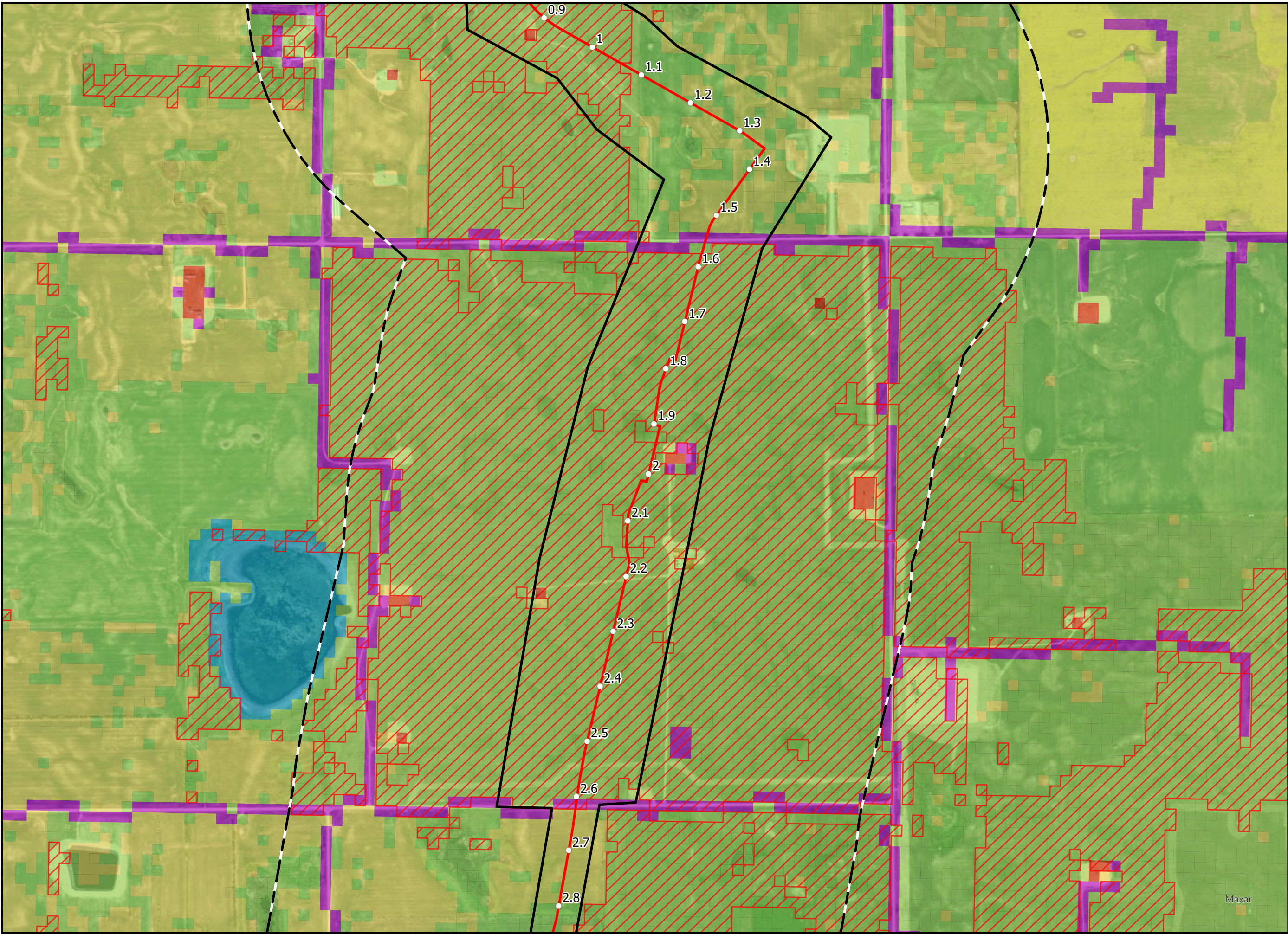
**Appendix C
Habitat Review
Tioga Extension Project
Williams County, ND**

Page 1 of 5



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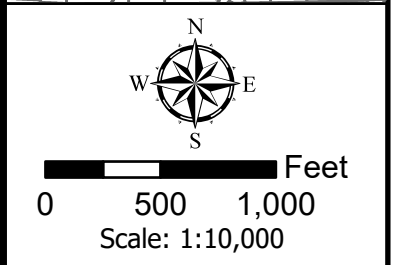
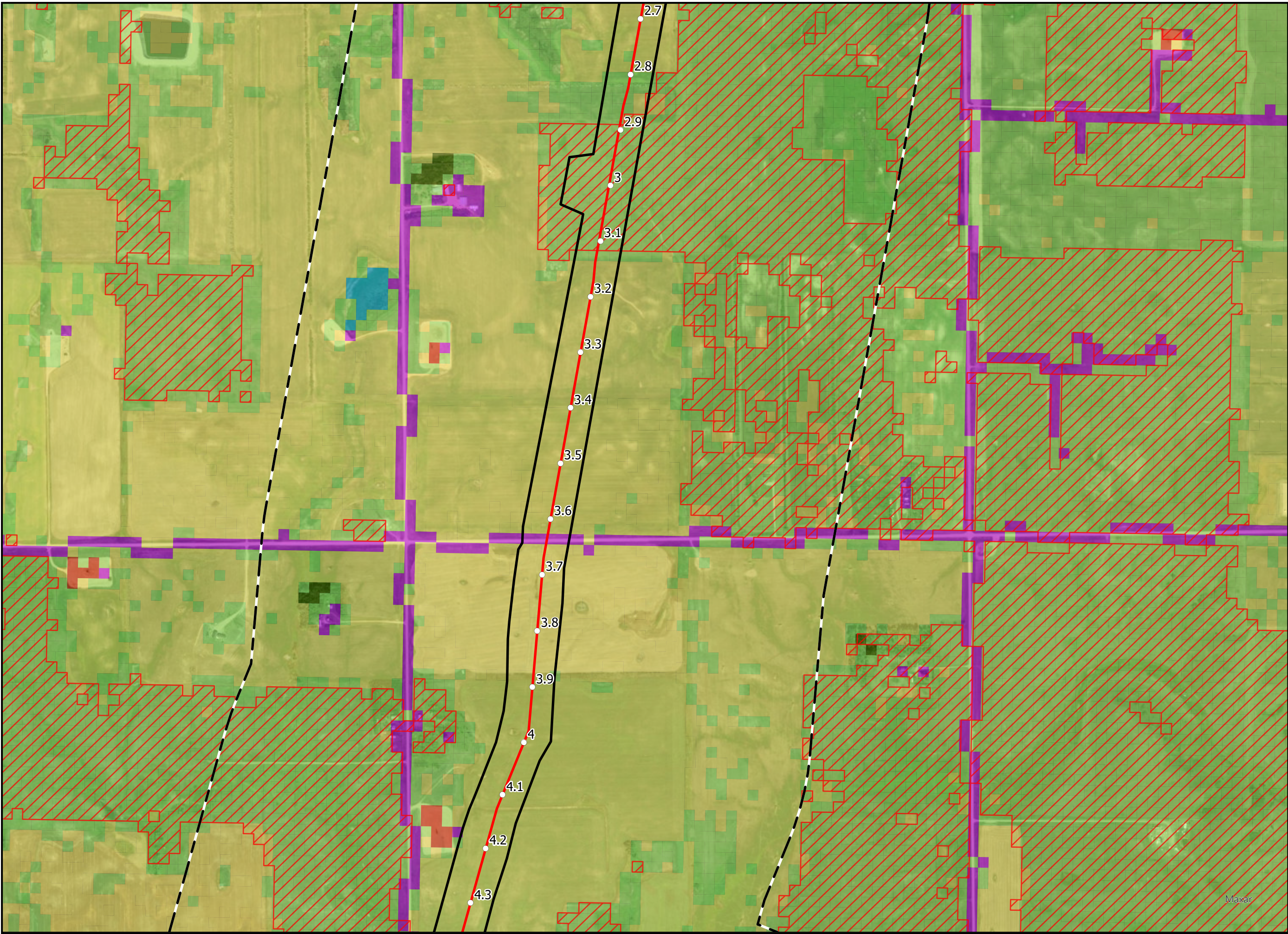
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REVISED: 03/14/2025 DRAWN BY: JSS



- Legend**
- Milepost
 - Proposed Pipeline
 - ▭ 1 Mile Study Area
 - ▭ Project Area
 - NDGF Unbroken Grassland 2022**
 - ▨ NDGF Unbroken Grassland 2022
 - Landfire Vegetation**
 - Developed
 - Agricultural
 - Open Water
 - Quarries
 - Herb Cover
 - Sparse Vegetation

Appendix C
Habitat Review
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5





- Legend**
- Milepost
 - Proposed Pipeline
 - 1 Mile Study Area
 - ▭ Project Area
 - NDGF Unbroken Grassland 2022**
 - ▨ NDGF Unbroken Grassland 2022
 - Landfire Vegetation**
 - Developed
 - Agricultural
 - Open Water
 - Quarries
 - Herb Cover
 - Tree Cover

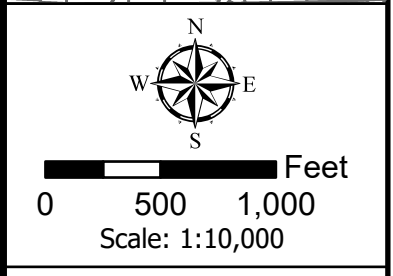
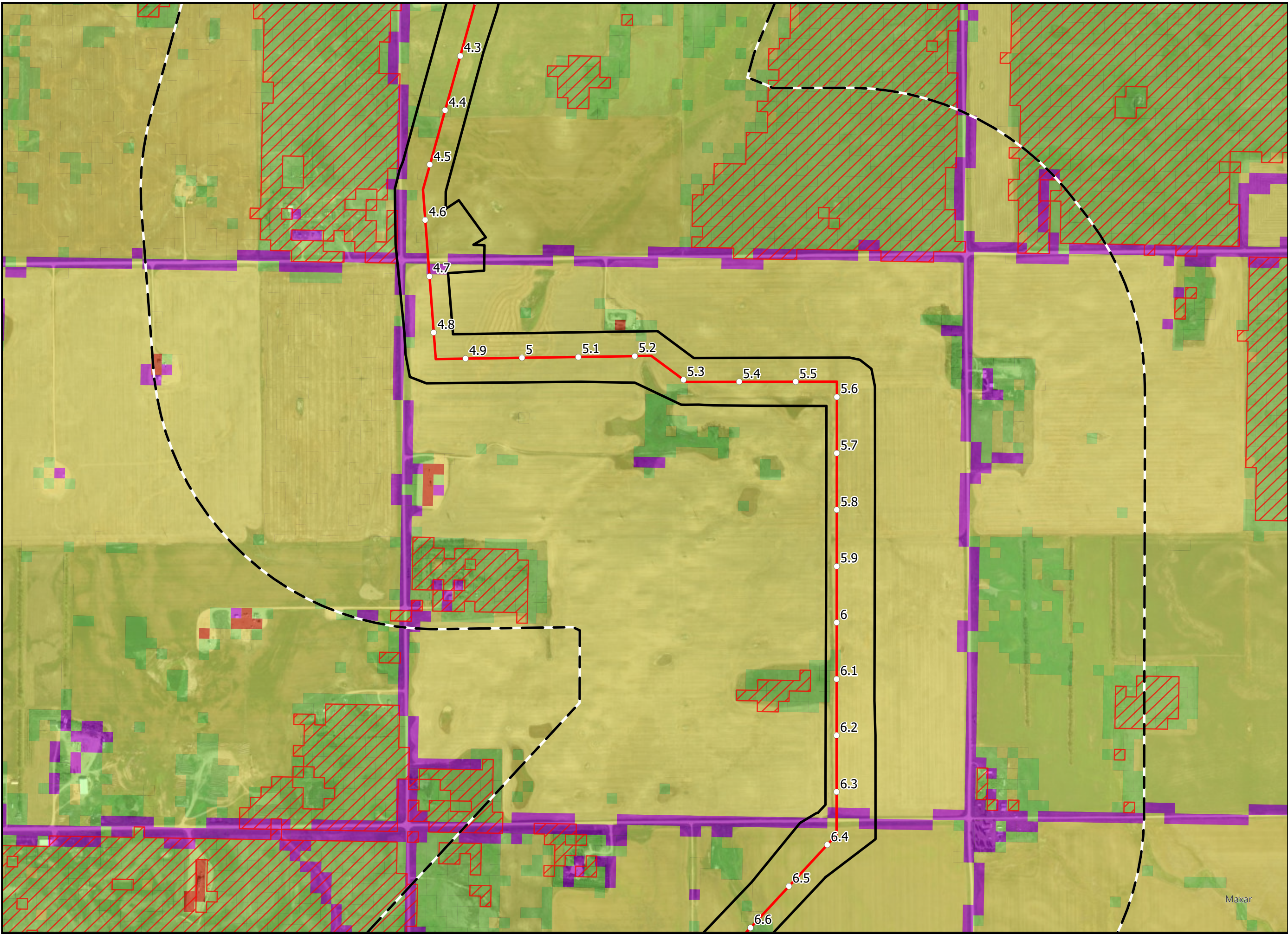
**Appendix C
Habitat Review
Tioga Extension Project
Williams County, ND**

Page 3 of 5



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REVISED: 03/14/2025 DRAWN BY: JSS

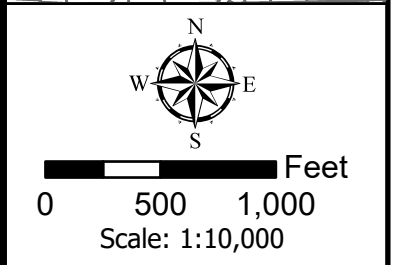
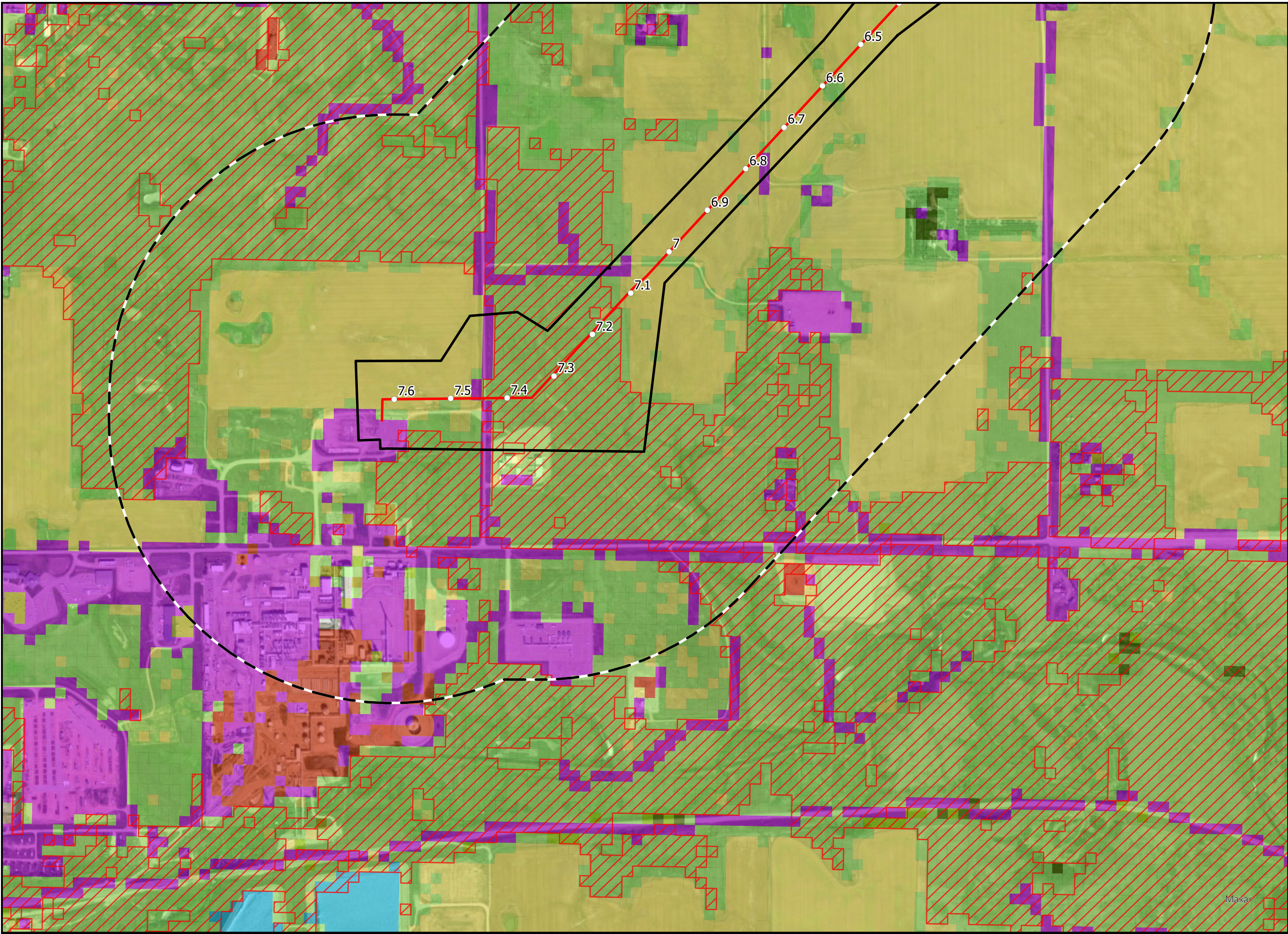


- Legend**
- Milepost
 - Proposed Pipeline
 - - - 1 Mile Study Area
 - ▭ Project Area
 - NDGF Unbroken Grassland 2022**
 - ▨ NDGF Unbroken Grassland 2022
 - Landfire Vegetation**
 - Developed
 - Agricultural
 - Quarries
 - Herb Cover

**Appendix C
Habitat Review
Tioga Extension Project
Williams County, ND**

Page 4 of 5





- Legend**
- Milepost
 - Proposed Pipeline
 - ⎓ 1 Mile Study Area
 - ⎓ Project Area
 - NDGF Unbroken Grassland 2022**
 - ▨ NDGF Unbroken Grassland 2022
 - Landfire Vegetation**
 - Barren
 - Developed
 - Agricultural
 - Open Water
 - Quarries
 - Herb Cover
 - Shrub Cover
 - Sparse Vegetation
 - Tree Cover

**Appendix C
Habitat Review
Tioga Extension Project
Williams County, ND**

Page 5 of 5



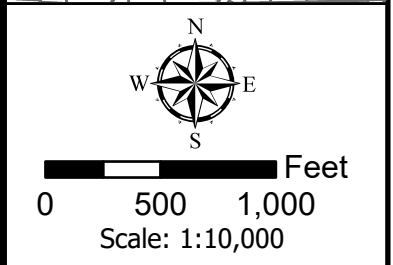
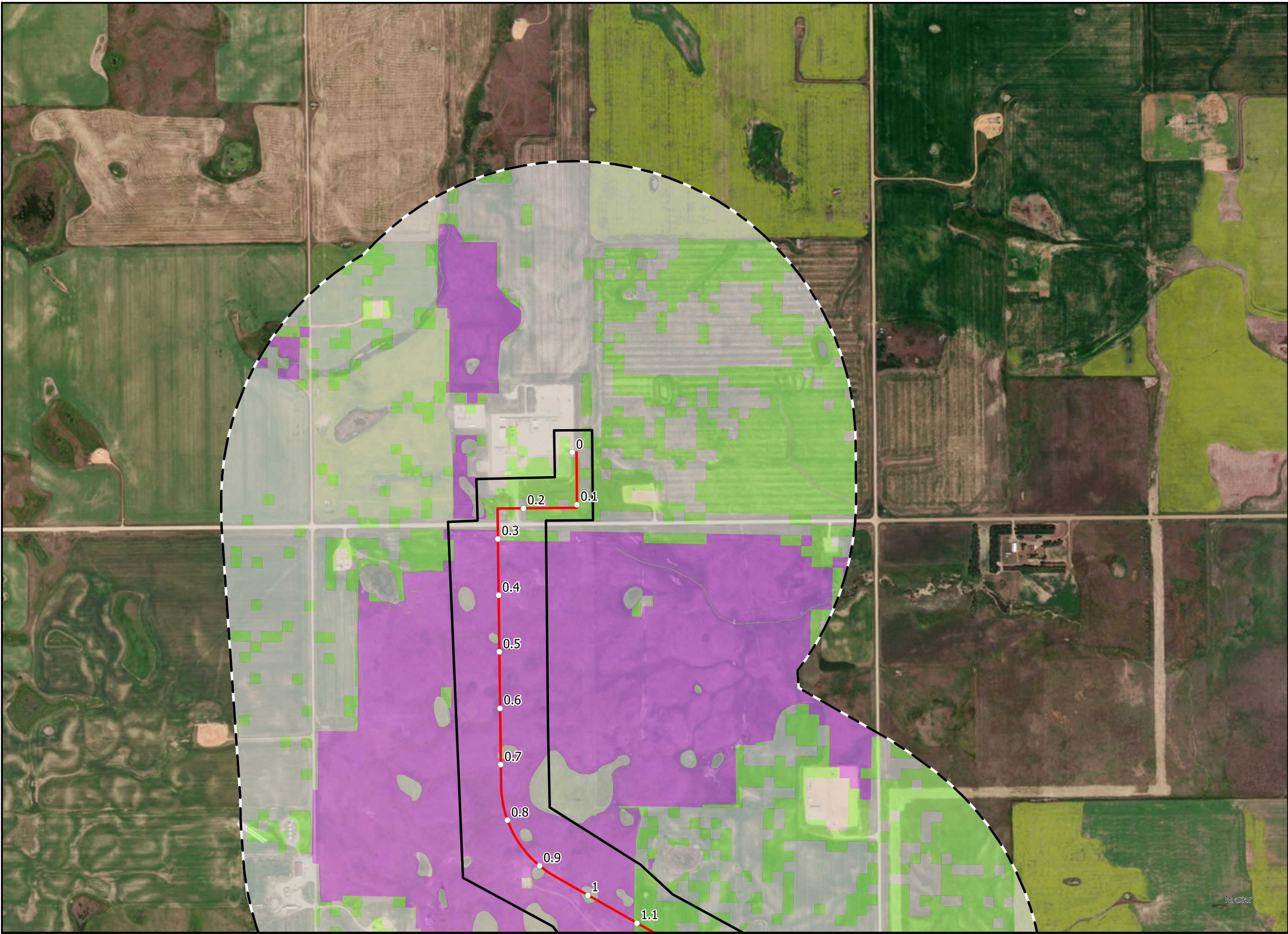
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M:\GIS\Projects\ONEOK\HRA\GIS\Habitat_Review\Map\Map.aprx ONE_SH_Landcover
REVISED: 03/14/2025 DRAWN BY: JSS



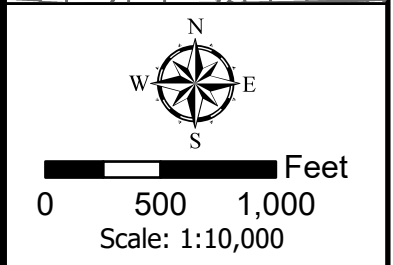
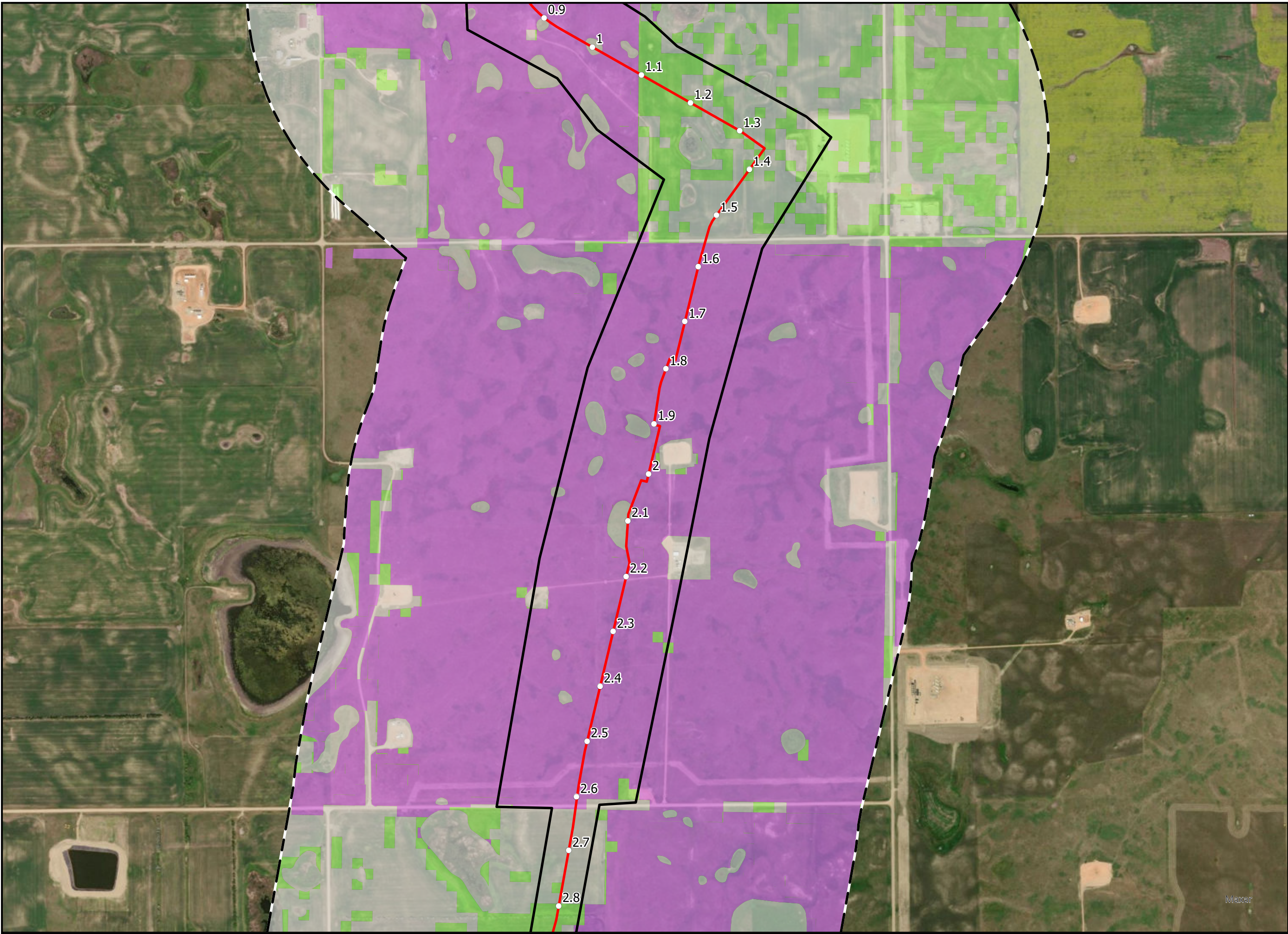
APPENDIX D

DAKOTA SKIPPER HABITAT MAP



- Legend**
- Milepost
 - Proposed Pipeline
 - ⎓ 1 Mile Study Area
 - ▭ Project Area
- Dakota Skipper Habitat**
- Potential Reproductive and Foraging Habitat
 - Potential Dispersal Habitat
 - Unsuitable Habitat

Appendix D
Desktop Grassland
and Dakota Skipper
Habitat Assessment
Tioga Extension Project
Williams County, ND
 Page 1 of 5



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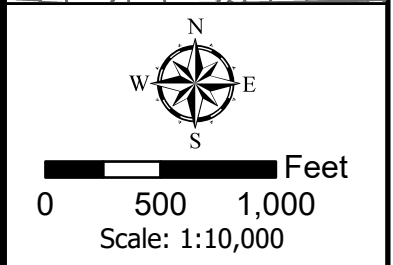
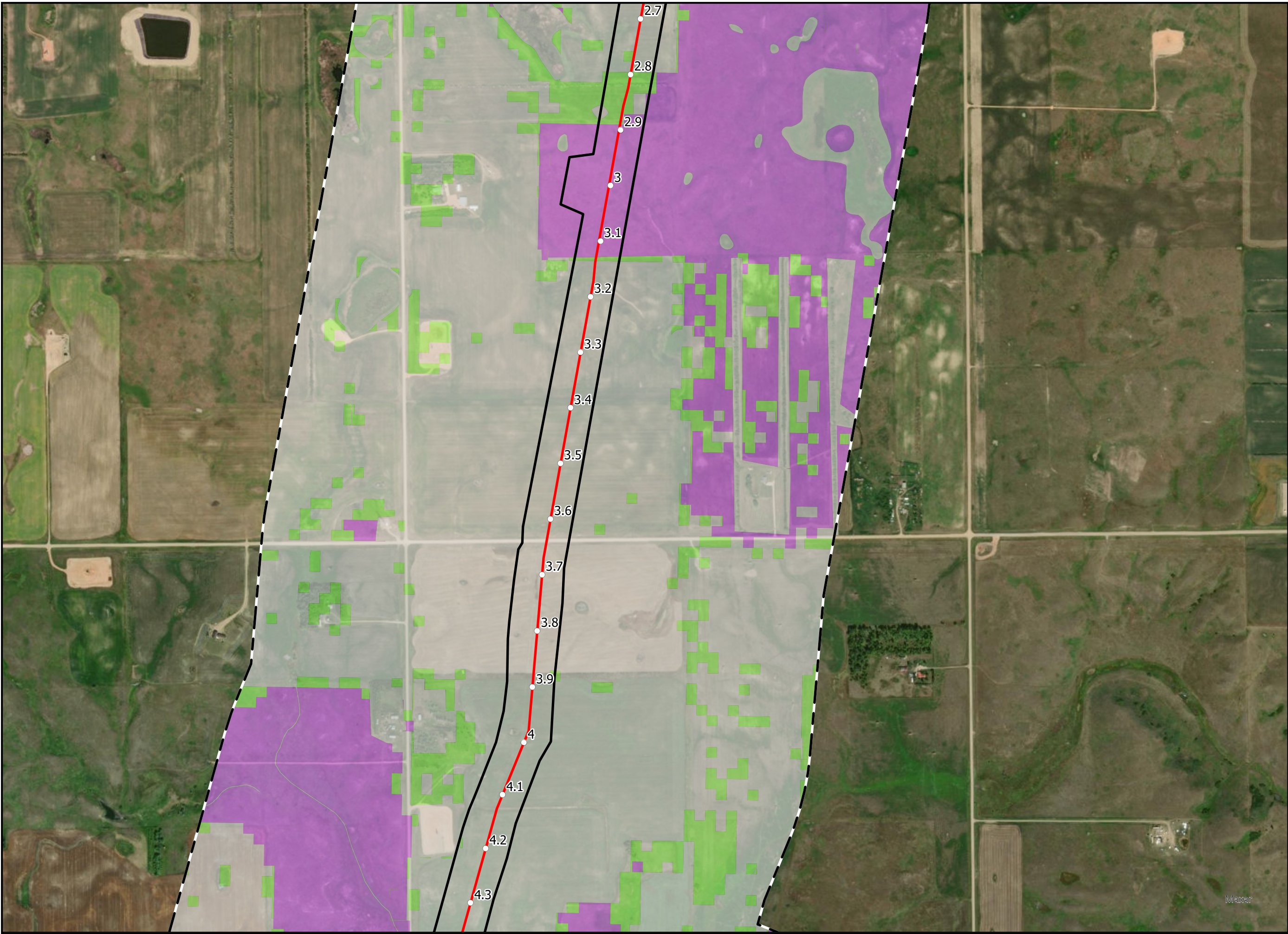
- Milepost
- Proposed Pipeline
- - - 1 Mile Study Area
- ▭ Project Area

Dakota Skipper Habitat

- ▭ Potential Reproductive and Foraging Habitat
- ▭ Potential Dispersal Habitat
- ▭ Unsuitable Habitat

Appendix D
Desktop Grassland
and Dakota Skipper
Habitat Assessment
Tioga Extension Project
Williams County, ND
 Page 2 of 5





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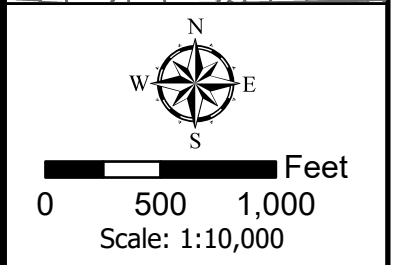
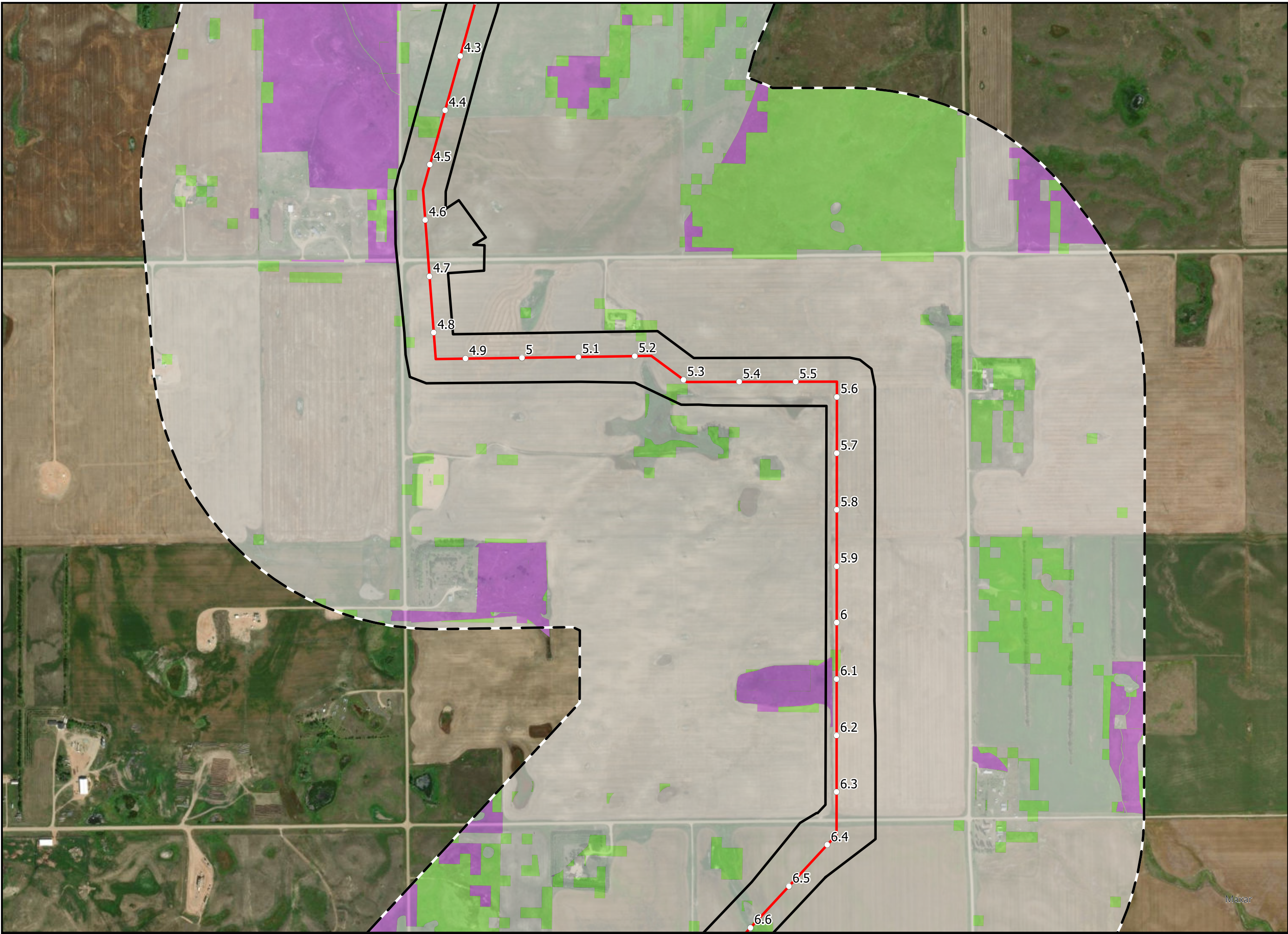
- Milepost
- Proposed Pipeline
- ▭ 1 Mile Study Area
- ▭ Project Area

Dakota Skipper Habitat

- Potential Reproductive and Foraging Habitat
- Potential Dispersal Habitat
- Unsuitable Habitat

Appendix D
Desktop Grassland
and Dakota Skipper
Habitat Assessment
 Tioga Extension Project
 Williams County, ND
 Page 3 of 5





Legend

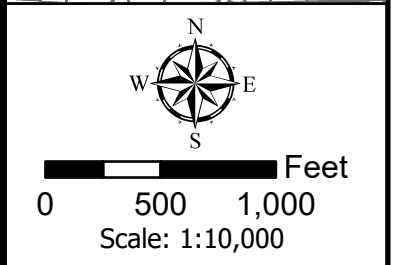
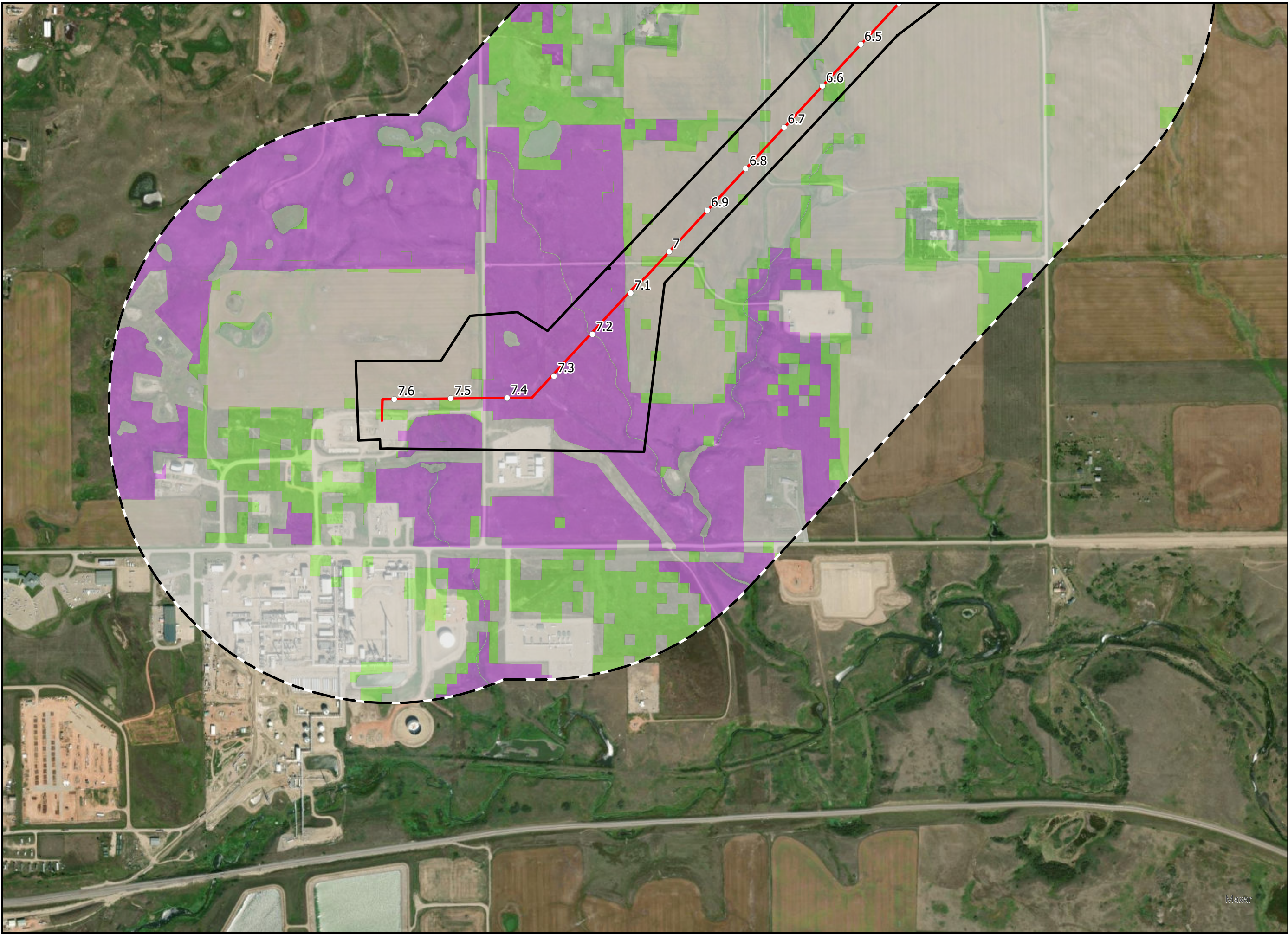
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Dakota Skipper Habitat

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Appendix D
Desktop Grassland
and Dakota Skipper
Habitat Assessment
Tioga Extension Project
Williams County, ND
 Page 4 of 5





Legend

- Milepost
- Proposed Pipeline
- ⬜ 1 Mile Study Area
- ⬜ Project Area

Dakota Skipper Habitat

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Appendix D
Desktop Grassland
and Dakota Skipper
Habitat Assessment
Tioga Extension Project
Williams County, ND
 Page 5 of 5



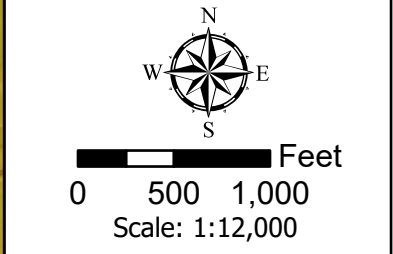
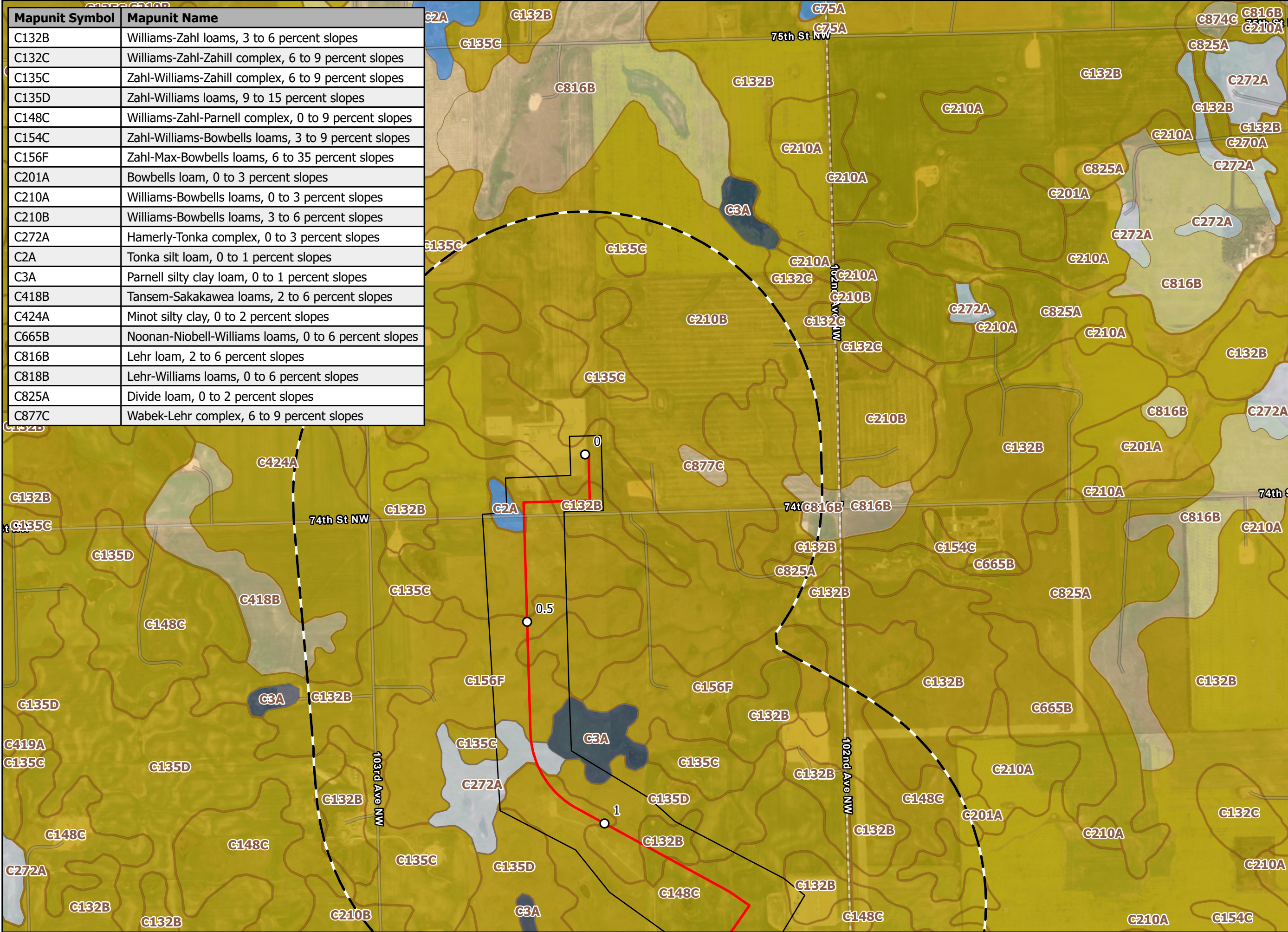


ERM

APPENDIX E

SOILS REVIEW MAP

Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C132C	Williams-Zahl-Zahill complex, 6 to 9 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C2A	Tonka silt loam, 0 to 1 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C418B	Tansem-Sakakawea loams, 2 to 6 percent slopes
C424A	Minot silty clay, 0 to 2 percent slopes
C665B	Noonan-Niobell-Williams loams, 0 to 6 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C877C	Wabek-Lehr complex, 6 to 9 percent slopes



Legend

- Milepost
- Proposed Pipeline
- - - 1 Mile Study Area
- Project Area

Hydric Classification

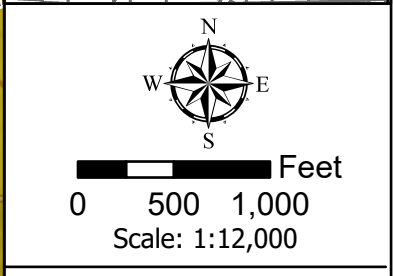
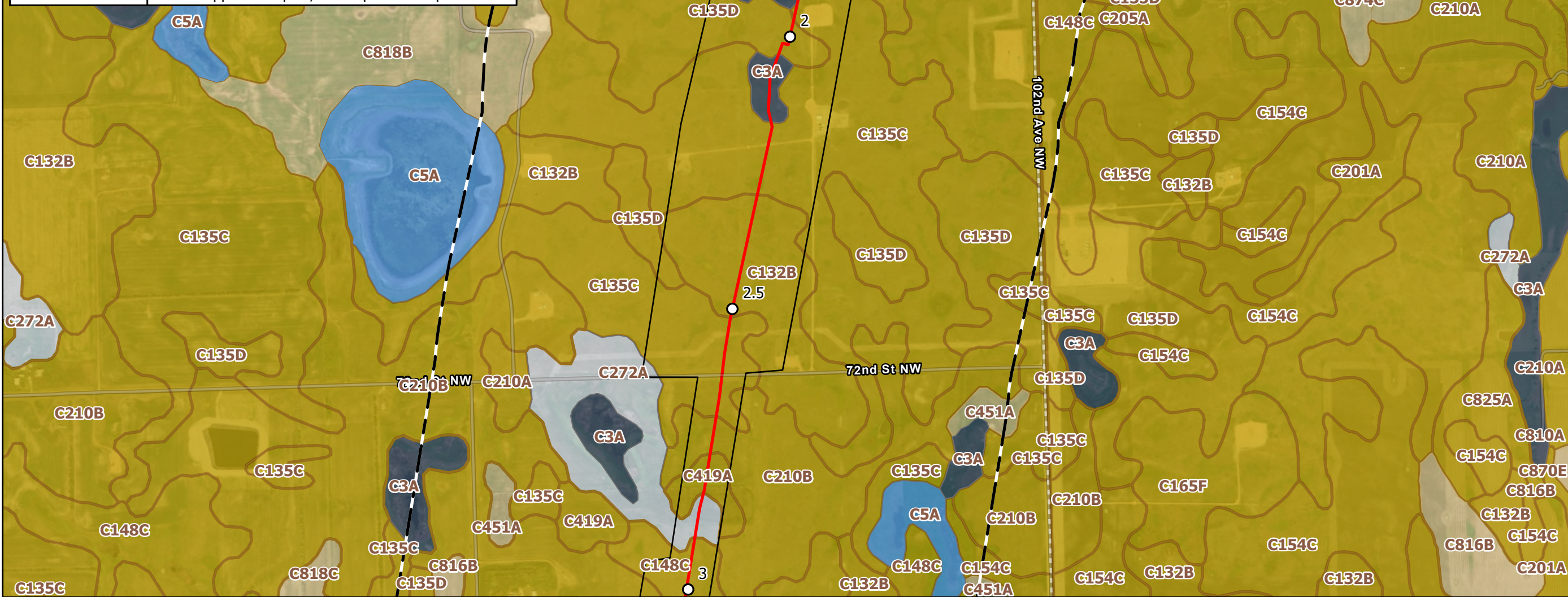
- Nonhydryc: 0%
- Predominantly Nonhydryc: 1-33%
- Partially Hydryc: 33-66%
- Predominantly Hydryc: 66-99%
- Hydryc: 100%

Appendix E
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 1 of 5



USDA/NRCS/Williams County, ND, 2022/04/2022. Drawn by: ERM
 REVISED: 03/14/2025 DRAWN BY: ERM

Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C419A	Wildrose silty clay, 0 to 2 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C5A	Southam silty clay loam, 0 to 1 percent slopes
C665B	Noonan-Niobell-Williams loams, 0 to 6 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C874C	Wabek-Appam complex, 6 to 9 percent slopes



Legend

- Milepost
- Proposed Pipeline
- ▭ 1 Mile Study Area
- ▭ Project Area

Hydic Classification

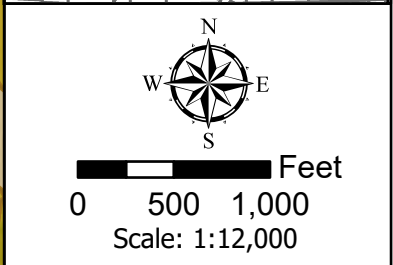
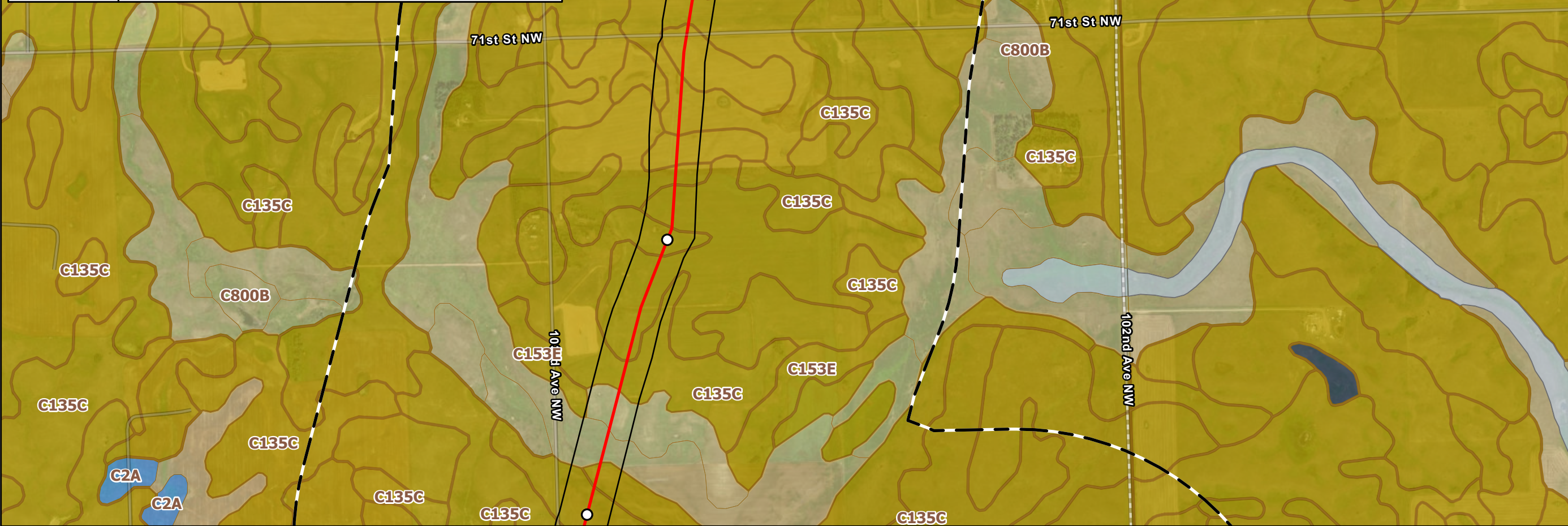
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Appendix E
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 2 of 5



REVISIONS: 03/14/2025
 DRAWN BY: EMH

Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C153E	Zahl-Max loams, 15 to 25 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C418B	Tansem-Sakakawea loams, 2 to 6 percent slopes
C419A	Wildrose silty clay, 0 to 2 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C480B	Shambo loam, 2 to 6 percent slopes
C480C	Shambo loam, 6 to 9 percent slopes
C491A	Straw-Fluvaquents channeled, complex, 0 to 2 percent slopes, frequently flooded
C501A	Korchea loam, 0 to 2 percent slopes, occasionally flooded
C5A	Southam silty clay loam, 0 to 1 percent slopes
C800B	Appam sandy loam, 2 to 6 percent slopes
C810A	Bowdle loam, 0 to 2 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C818C	Lehr-Williams loams, 6 to 9 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C905C	Amor-Williams-Zahl loams, 3 to 9 percent slopes
C906E	Amor-Zahl-Werner loams, 9 to 25 percent slopes



Legend

- Milepost
- Proposed Pipeline
- - - 1 Mile Study Area
- ▭ Project Area

Hydric Classification

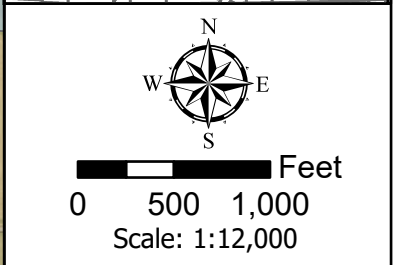
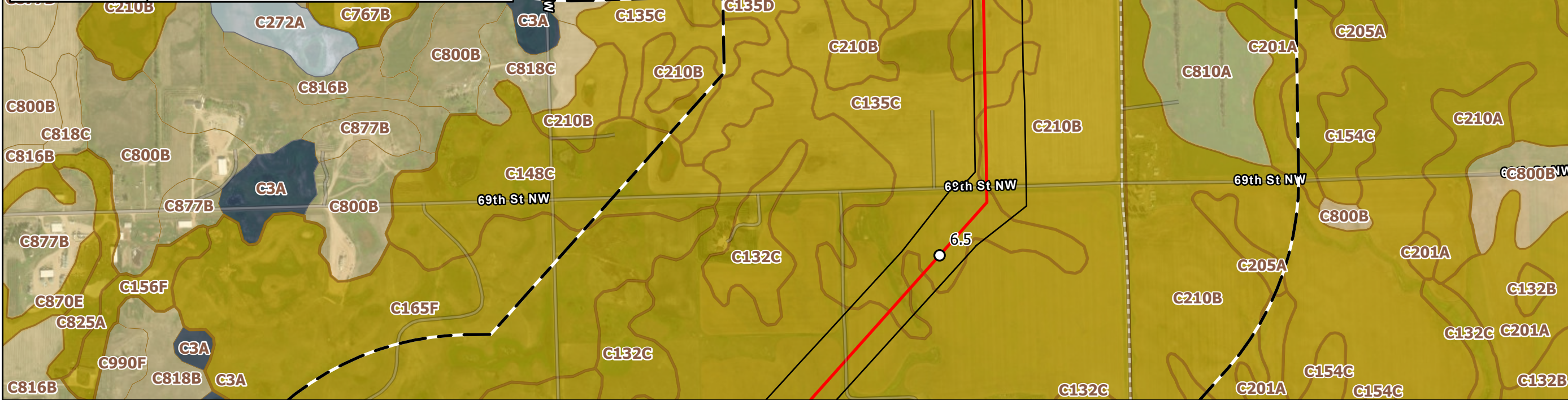
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Appendix E
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 3 of 5



REVISIONS: 03/14/2025
 DRAWN BY: EMH

Mapunit Symbol	Mapunit Name
C132B	Williams-Zahl loams, 3 to 6 percent slopes
C132C	Williams-Zahl-Zahill complex, 6 to 9 percent slopes
C135C	Zahl-Williams-Zahill complex, 6 to 9 percent slopes
C135D	Zahl-Williams loams, 9 to 15 percent slopes
C148C	Williams-Zahl-Parnell complex, 0 to 9 percent slopes
C153E	Zahl-Max loams, 15 to 25 percent slopes
C154C	Zahl-Williams-Bowbells loams, 3 to 9 percent slopes
C156F	Zahl-Max-Bowbells loams, 6 to 35 percent slopes
C165F	Zahl-Max-Parnell complex, 0 to 35 percent slopes
C201A	Bowbells loam, 0 to 3 percent slopes
C205A	Bowbells-Tonka complex, 0 to 3 percent slopes
C210A	Williams-Bowbells loams, 0 to 3 percent slopes
C210B	Williams-Bowbells loams, 3 to 6 percent slopes
C272A	Hamerly-Tonka complex, 0 to 3 percent slopes
C2A	Tonka silt loam, 0 to 1 percent slopes
C3A	Parnell silty clay loam, 0 to 1 percent slopes
C451A	Arnegard loam, 0 to 2 percent slopes
C767B	Parshall-Tally fine sandy loams, 0 to 6 percent slopes
C800B	Appam sandy loam, 2 to 6 percent slopes
C810A	Bowdle loam, 0 to 2 percent slopes
C816B	Lehr loam, 2 to 6 percent slopes
C818B	Lehr-Williams loams, 0 to 6 percent slopes
C818C	Lehr-Williams loams, 6 to 9 percent slopes
C825A	Divide loam, 0 to 2 percent slopes
C874B	Wabek-Appam complex, 2 to 6 percent slopes
C874C	Wabek-Appam complex, 6 to 9 percent slopes
C877B	Wabek-Lehr complex, 2 to 6 percent slopes
C905C	Amor-Williams-Zahl loams, 3 to 9 percent slopes
C906E	Amor-Zahl-Werner loams, 9 to 25 percent slopes



Legend

- Milepost
- Proposed Pipeline
- 1 Mile Study Area
- Project Area

Hydric Classification

- Nonhydric: 0%
- Predominantly Nonhydric: 1-33%
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Appendix E
 U.S. Department of Agriculture
 Natural Resources Conservation
 Service Soil Survey Map
 Tioga Extension Project
 Williams County, ND
 Page 4 of 5



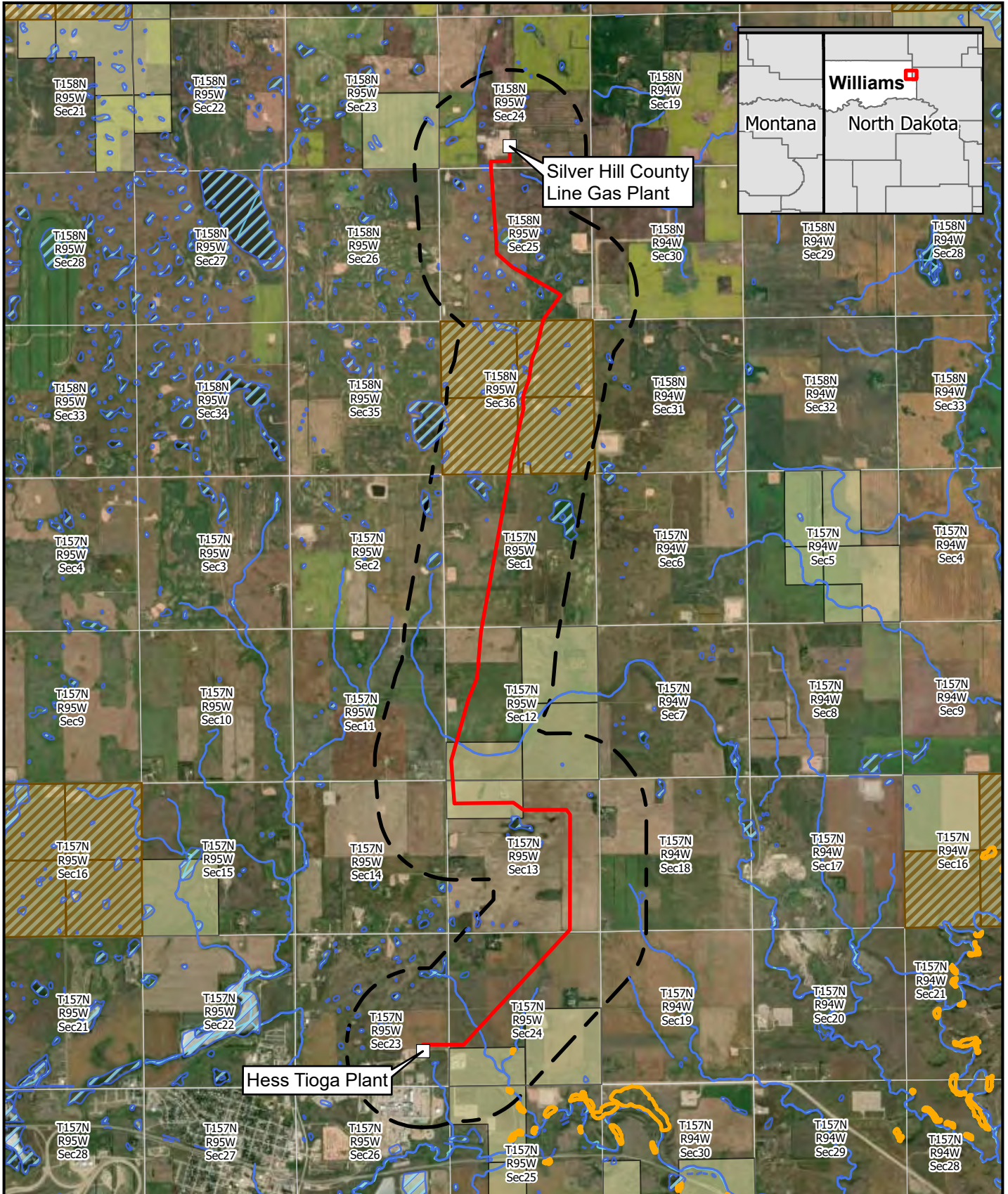
REVISIONS: 03/14/2025
 DRAWN BY: EMH



EXHIBIT F AGENCY CORRESPONDENCE



Agency Consultation Maps
Included with all Letters



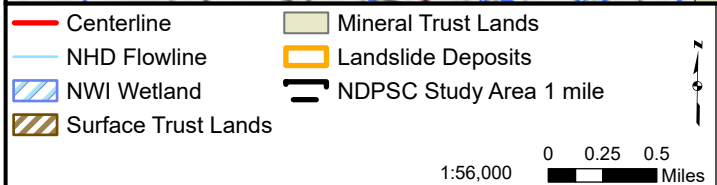
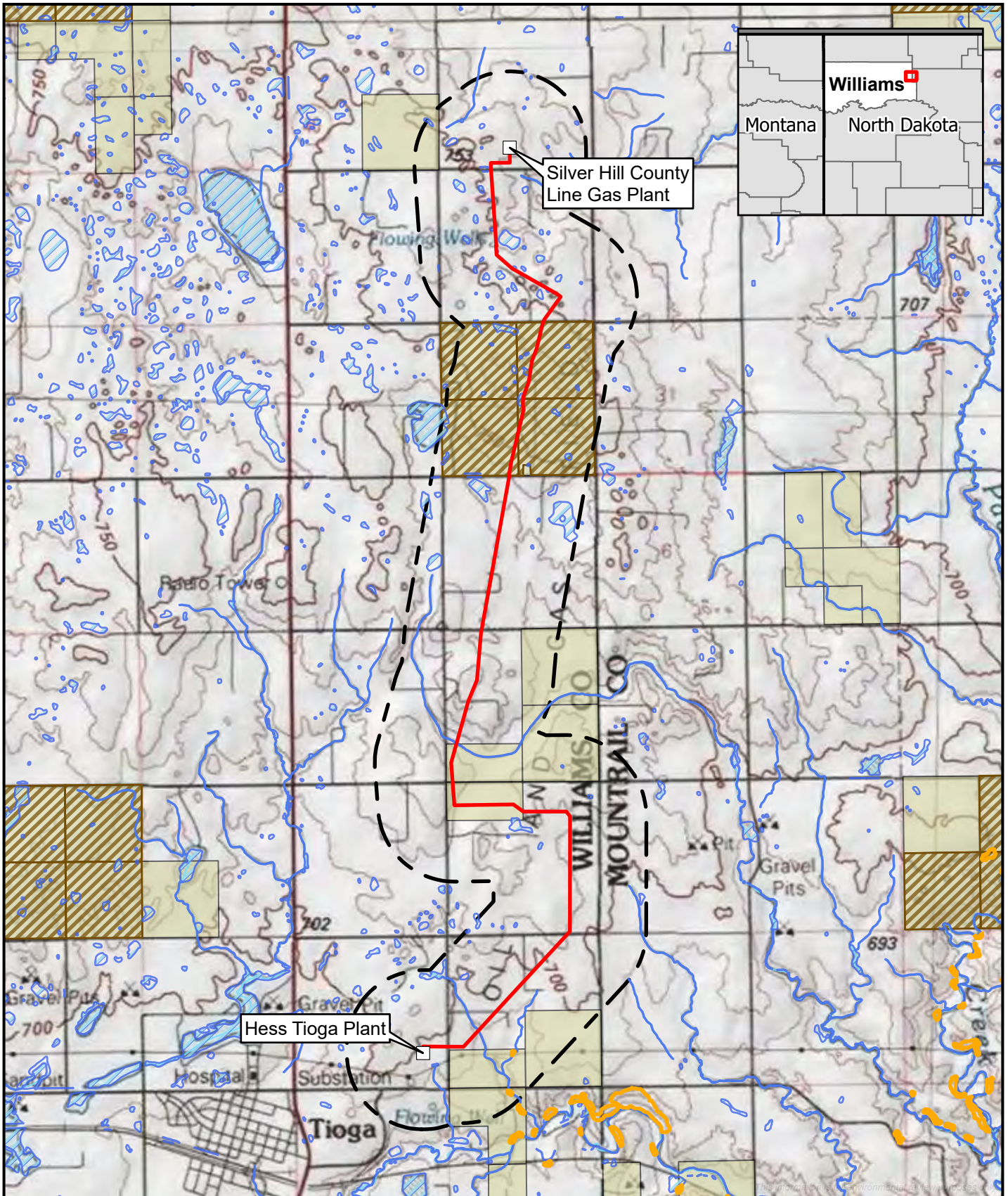
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NHD Flowline	Landslide Deposits
NWI Wetland	NDPSC Study Area 1 mile
Surface Trust Lands	Section Boundary

1:56,000 0 0.25 0.5 Miles

ONEOK

ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
 Project Map - Aerial Imagery
 Williams County, ND

ERM



ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
 Project Map - Topographic
 Williams County, ND

North Dakota Aeronautics Commission



February 20, 2025

Mr. Kyle Wanner, Director
North Dakota Aeronautic Commission
PO Box 5020
Bismarck, ND 58502

Via Email: kcwanner@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Wanner,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

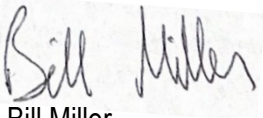
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

February 20, 2025
Mr. Kyle Wanner

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is positioned above the printed name.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Attorney General



February 20, 2025

Mr. Drew H. Wrigley
Attorney General
State of North Dakota
600 East Boulevard Avenue, Dept. 125
Bismarck, ND 58505-0040

Via Email: ndag@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Wrigley,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

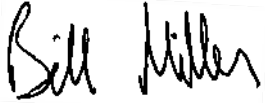
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February 20, 2025
Mr. Drew Wrigley

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Sincerely,

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Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Agriculture



February 20, 2025

Doug Goehring, Agriculture Commissioner
North Dakota Department of Agriculture
600 E Boulevard Avenue, Dept 602
Bismarck, ND 58505-0020

Via Email: ndda@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Goehring,

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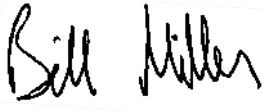
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158 North	95 West	23, 24, 25, 26, 35, 36

ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. Doug Goehring

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Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style with a large initial "B".

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

U.S. Department of Agriculture
North Dakota Farm Service Agency



February 20, 2025

Ms. Kristen Knudtson, State Executive Director
U.S. Department of Agriculture
North Dakota Farm Service Agency
1025 28th Street South
Fargo, ND 58103

Via Email: kristen.knudtson@usda.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Ms. Knudtson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

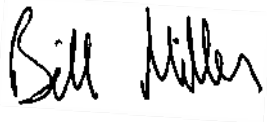
Tioga Extension Project Public Land Survey System Locations for Project Study Area		
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Ms. Kristen Knudtson

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Peterson, Beau - FPAC-FSA, ND](#)
To: [Eddie Zedaker](#)
Subject: RE: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Monday, April 21, 2025 3:05:13 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

EXTERNAL MESSAGE

Hi Eddie,

Looks as though I won't need anything further. I will let our SED know she may respond.

Have a great day!

Beau Peterson
ND Farm Service Agency


From: Peterson, Beau - FPAC-FSA, ND
Sent: Friday, April 18, 2025 12:14 PM
To: Maddy Krumwiede <maddy.krumwiede@erm.com>
Subject: RE: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Hi Maddy,

When able, please provide a copy of the findings report based on the environmental impact you had received for the job. Although it appears no Conservation contracts are impacted, there may still be land used as collateral for loans now or in the future. Having this on file will provide the agency with the documentation ahead of those impacted landowners each having to request. Give me a call anytime if you have follow up questions.

Thank you for your time,

Beau Peterson
Chief Agricultural Program Specialist
FPAC-FSA | Conservation, Environmental, & Livestock
North Dakota State FSA Office

 **U.S. DEPARTMENT OF AGRICULTURE**
ND Farm Service Agency
1025 28th St S Fargo, ND 58103
p: (701) 893-2231 | c: (701) 831-8824

From: Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>
Sent: Tuesday, April 15, 2025 11:07 AM
To: Peterson, Beau - FPAC-FSA, ND <Beau.Peterson@usda.gov>

Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>

Subject: FW: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Beau –

Can you give Maddy a call regarding the environmental review needs for this request? She is looking for some information as to what is needed for the review to send to the National Office.

Her office phone is 612-347-7106.

Thank you!

Kristen

Kristen Knudtson

Deputy State Executive Director
Acting Compliance Program Director
ND FSA State Office



U.S. DEPARTMENT OF AGRICULTURE
ND Farm Service Agency
1025 28th St. S, Fargo ND 58103
p: (701) 893-2216 | c: (701) 990-2579

From: Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>

Sent: Wednesday, March 26, 2025 12:26 PM

To: Eddie Zedaker <eddie.zedaker@erm.com>

Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; bill.miller@oneok.com; Ariana Rodriguez <ariana.rodriguez@erm.com>; Laframboise, Brandi - FPAC-FSA, ND <brandi.laframboise@usda.gov>; Peterson, Beau - FPAC-FSA, ND <Beau.Peterson@usda.gov>; Awender, Karen - FPAC-FSA, ND <karen.awender@usda.gov>; Armstrong, Ashtyn - FPAC-FSA, ND <Ashtyn.Armstrong@usda.gov>; Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>

Subject: RE: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Eddie –

Thank you for the email below on additional details. Yes, our National Office would like to review the environmental permit as this project does impact our cropland and noncropland acreage which must follow Highly Erodible Land and Wetland compliance.

Kristen

Kristen Knudtson

Deputy State Executive Director
Acting Compliance Program Director

ND FSA State Office



U.S. DEPARTMENT OF AGRICULTURE
ND Farm Service Agency
1025 28th St. S, Fargo ND 58103
p: (701) 893-2216 | c: (701) 990-2579

From: Eddie Zedaker <eddie.zedaker@erm.com>
Sent: Friday, March 21, 2025 12:39 PM
To: Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; bill.miller@oneok.com; Ariana Rodriguez <ariana.rodriguez@erm.com>; Laframboise, Brandi - FPAC-FSA, ND <brandi.laframboise@usda.gov>; Peterson, Beau - FPAC-FSA, ND <Beau.Peterson@usda.gov>; Awender, Karen - FPAC-FSA, ND <karen.awender@usda.gov>; Armstrong, Ashtyn - FPAC-FSA, ND <Ashtyn.Armstrong@usda.gov>
Subject: RE: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Kristen,
Thank you for your response.

The proposed project will have no impacts in Section 30 Township 158 North Range 94 West.

Project impacts would be limited to a narrow corridor along the pipeline route. ONEOK studied a broader Project Study Area which is a 1-mile-wide corridor buffered from the pipeline project area to understand any adjacent constraints or opportunities including if any future route deviations were needed. Section 30 Township 158 North Range 94 West is located within the Study Area, but outside of any planned project impact areas.

If no action is to occur within Section 30, would the FSA still like to see environmental permitting? All documents will be posted on the PSC docket.

Sincerely,



ERM

Sustainability is our business

Eddie Zedaker
Managing Consultant, Capital Project Delivery

Mobile
(256) 872-5818

erm.com

From: Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>
Sent: Wednesday, March 19, 2025 3:22 PM
To: Ariana Rodriguez <ariana.rodriguez@erm.com>

Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com; Laframboise, Brandi - FPAC-FSA, ND <brandi.laframboise@usda.gov>; Peterson, Beau - FPAC-FSA, ND <Beau.Peterson@usda.gov>; Awender, Karen - FPAC-FSA, ND <karen.awender@usda.gov>; Armstrong, Ashtyn - FPAC-FSA, ND <Ashtyn.Armstrong@usda.gov>; Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>

Subject: RE: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

EXTERNAL MESSAGE

Ariana –

Thank you for providing the shapefiles to us for this project.

Based on the shapefile you provided, there may be one conservation reserve program (CRP) contract impacted. Your buffer zone of the “study area” crosses into a CRP contract in Section 30 Township 158 North Range 94 West. Can you please describe what activity will be occurring in your “study area” so that we can ensure the soil and grass for this CRP contract is not disturbed?

If the grass and/or soil is impacted, there will be implications on the CRP contract. At this time, I cannot provide you more details on the CRP contract itself without the producer’s authorization.

Additionally, the FSA National Office would like to receive a copy of the Environmental Impact Study and any mitigation plan that may have been developed to ensure it meets FSA program requirements.

Thank you.

Kristen

Kristen Knudtson

Deputy State Executive Director
Acting Compliance Program Director
ND FSA State Office



U.S. DEPARTMENT OF AGRICULTURE
ND Farm Service Agency
1025 28th St. S, Fargo ND 58103
p: (701) 893-2216 | c: (701) 990-2579

From: Ariana Rodriguez <ariana.rodriguez@erm.com>

Sent: Thursday, February 20, 2025 5:55 PM

To: Knudtson, Kristen - FPAC-FSA, ND <kristen.knudtson@usda.gov>

Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com

Subject: [External Email]ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

You don't often get email from ariana.rodriguez@erm.com. [Learn why this is important](#)

[External Email]

If this message comes from an **unexpected sender** or references a **vague/unexpected topic**;

Use caution before clicking links or opening attachments.

Please send any concerns or suspicious messages to: Spam.Abuse@usda.gov

Dear Ms. Knudtson,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



ERM

Sustainability is our business

Ariana Rodriguez

Consulting Senior Associate, Capital Project Delivery

She/Her/Hers

Minneapolis
810.241.9723

erm.com



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North Dakota Department of Health



February 20, 2025

Mr. Dirk Wilke, Interim Health and Human Services Director
North Dakota Department of Health
600 East Boulevard Avenue, Dept. 301
Bismarck, ND 58505-0200

Via Email: dhseo@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Wilke,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

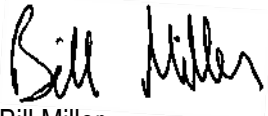
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
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February 20, 2025
Mr. Dirk Wilke

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Human Services



February 20, 2025

Ms. Jessica Thomasson
Executive Director
North Dakota Department of Human Services
600 East Boulevard Avenue, Dept. 325
Bismarck, ND 58505

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Ms. Thomasson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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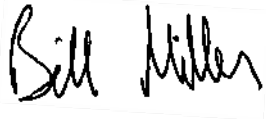
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Ms. Jessica Thomasson

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Labor and Human Rights



February 20, 2025

Mr. Zachary Greenberg, Interim Commissioner
North Dakota Department of Labor and Human Rights
600 E. Boulevard Avenue
Department 406, Room 107
Bismarck, ND 58505

Via Email: labor@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Greenberg,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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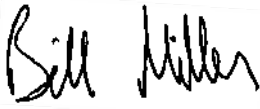
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. Zachary Greenberg

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Career and Technical Education



February 20, 2025

Mr. Wayde Sick
Director and Executive Officer
North Dakota Department of Career and Technical Education
600 East Boulevard Avenue, Dept. 270
Bismarck, ND 58505

Via Email: cte@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Sick,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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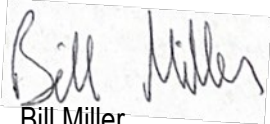
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February 20, 2025
Mr. Wayde Sick

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Commerce



February 20, 2025

Mr. Chris Schilken, Commissioner
North Dakota Department of Commerce
1600 East Century Avenue, Suite 6
P.O. Box 2057
Bismarck, ND 58502-2057

Via Email: cschilken@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Schilken,

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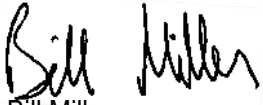
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February 20, 2025
Mr. Chris Schilken

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style with a large initial "B".

Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Energy Infrastructure and Impact Office



February 20, 2025

North Dakota Energy Infrastructure & Impact Office
1707 North 9th Street
Bismarck, ND 58501

Via Email: energyimpact@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

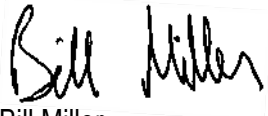
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

February 20, 2025
North Dakota Energy Infrastructure & Impact Office

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Game and Fish Department



March 12, 2025

Mr. John Schumacher
Conservation Biologist
North Dakota Game and Fish Department, Conservation and Communication Division
100 North Bismarck Expressway
Bismarck, ND 58501-5095

Ms. Sandra "Sandy" Johnson
Conservation Biologist
North Dakota Game and Fish Department, Conservation and Communication Division
100 North Bismarck Expressway
Bismarck, ND 58501-5095

Via email: jdschumacher@nd.gov; sajohnson@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Schumacher and Ms. Johnson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at the Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area (Study Area) centered on the proposed pipeline route. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
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158 North	95 West	23, 24, 25, 26, 35, 36

March 12, 2025

Mr. John Schumacher & Ms. Johnson

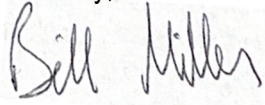
On January 29, 2025, Bill Miller (ONEOK) and Maddy Krumwiede (ERM) met with John Schumacher (North Dakota Game and Fish Department [NDGFD]) to introduce the Project. To continue coordination with NDGFD, ONEOK requests eagle nest data for known locations within the Study Area, and NDGFD review of the Study Area for:

- Presence or absence of sensitive species and their habitats;
- Game refuge or game management lands; and
- Private Land Open to Sportsmen ("PLOTS") lands.

The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year.

ONEOK requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)
Project Study Area Shapefile and KMZ

Cc: Maddy Krumwiede and Eddie Zedaker, ERM



April 4, 2025

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, LLC
100 West Fifth Street
Tulsa, OK 74103

Dear Mr. Miller:

RE: Tioga Extension Project

ONEOK Bakken Pipeline, LLC is proposing to construct approximately 7.6 miles of 6-inch-diameter natural gas liquids pipeline originating at the Silver Hill County Line Gas Plant and terminating at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota.

A primary concern with pipeline projects is the possible disturbance of native prairie associated with construction of the pipeline and access roads. Avoidance of native prairie areas reduces impacts to several grassland species including many of the species of conservation priority. We ask that work within these areas be avoided to the extent possible, and disturbed areas be reclaimed to pre-project conditions.

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 recommend that surveys be conducted for raptor nests before construction begins, and a construction buffer be implemented around active eagle nest sites as determined by the U.S. Fish & Wildlife Service's eagle management guidelines. Ms. Sandra Johnson, Conservation Biologist, can be contacted at 701-328-6382 for additional information on eagle sites 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 during project construction.

Sincerely,


Bruce Kreft
Chief
Conservation & Communications Division

Governor
Kelly Armstrong

Director
Jeb Williams

Deputy Director
Scott A. Peterson

From: [Johnson, Sandra K.](#)
To: [Eddie Zedaker](#); [Schumacher, John D.](#)
Cc: [Miller, Bill P.](#); [Maddy Krumwiede](#); [Ariana Rodriguez](#)
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Tuesday, March 18, 2025 8:04:34 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)

EXTERNAL MESSAGE

Hi Eddie,
There are no known Bald or Golden Eagle nests within 0.5 mile of the project area.
Let me know if you have any other questions.
Thanks,
Sandy

Sandra Johnson
Conservation Biologist

(701) 328-6382 • sajohnson@nd.gov • gf.nd.gov



NORTH
Dakota | Game and Fish
Be Legendary.



From: Eddie Zedaker <eddie.zedaker@erm.com>
Sent: Wednesday, March 12, 2025 10:29 AM
To: Schumacher, John D. <jdschumacher@nd.gov>; Johnson, Sandra K. <sajohnson@nd.gov>
Cc: Miller, Bill P. <Bill.Miller@oneok.com>; Maddy Krumwiede <maddy.krumwiede@erm.com>; Ariana Rodriguez <ariana.rodriguez@erm.com>
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

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

From: Eddie Zedaker
Sent: Wednesday, March 12, 2025 9:57 AM
To: Schumacher, John D. <jdschumacher@nd.gov>; sajohnson@nd.gov
Cc: Miller, Bill P. <Bill.Miller@oneok.com>; Maddy Krumwiede <maddy.krumwiede@erm.com>; Ariana Rodriguez <ariana.rodriguez@erm.com>

Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Dear Mr. Schumacher and Ms. Johnson,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Eddie Zedaker
Managing Consultant, Capital Project Delivery

Mobile
(256) 872-5818

erm.com



P.S. I have uploaded the zipped shapefile to the secure transfer link provided by Mr. Schumacher.

This e-mail and any attachments may contain proprietary, confidential and/or privileged information. No confidentiality or privilege is waived or lost by any transmission errors. This communication is intended solely for the intended recipient, and if you are not the intended recipient, please notify the sender immediately, delete it from your system and do not copy, distribute, disclose, or otherwise act upon any part of this email communication or its attachments. To find out how the ERM Group manages personal data please review our [Privacy Policy](#)

North Dakota Office of the Governor



February 20, 2025

Office of Kelly Armstrong
600 East Boulevard Avenue
Bismarck, ND 58505

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Governor Armstrong,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

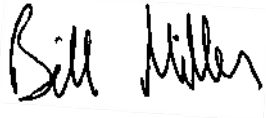
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

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February 20, 2025
North Dakota Office of the Governor

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Transportation



February 20, 2025

North Dakota Department of Transportation
District 7-Williston
605 Dakota Parkway West
Williston, ND 58802-0698

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

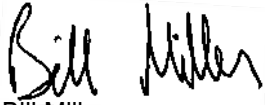
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February 20, 2025
North Dakota Department of Transportation

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

March 12, 2025

Bill Miller
Environmental Project Manager
ONEOK
100 West 5th Street
Tulsa, OK 74403

BAKKEN PIPELINE PROJECT CONSTRUCT 7.7 MILE-LONG, 6-INCH DAMETER
NATURAL GAS LIQUIDS PIPELINE REFERRED TO AS TIOGA EXTENSION PROJECT,
WILLIAMS COUNTY, NORTH DAKOTA

We have reviewed your February 20, 2025, letter.

This project should have no adverse effect on North Dakota Department of Transportation highways.

However, if because of this project any work needs to be done on highway right of way, appropriate permits and risk management documents will need to be obtained from the Department of Transportation Williston District Engineer, Joel Wilt at 701-774-2700.



JON KETTERLING, P.E., DIRECTOR - OFFICE OF PROJECT DEVELOPMENT

57\jk\js

c: Joel Wilt, Williston District Engineer

State Historical Society of North Dakota



March 12, 2025

Mr. William Peterson
State Historic Preservation Officer
State Historical Society of North Dakota
North Dakota Heritage Center
612 East Boulevard Avenue
Bismarck, ND 58505-0830

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Pipeline Project, Williams County, North Dakota
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Project Review

Dear Mr. Peterson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at the Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, and ready for service in November 2025.

ONEOK has established a Project route and defined a Project Area of Potential Effect (APE) for direct effects as a corridor of varying widths between 200- to 350-foot-wide (see Figures 1 and 2 enclosed). Within the APE, ONEOK is currently designing an up to 75-foot-wide construction right-of-way (ROW) and extra temporary workspaces. The majority (98 percent) of the APE has been previously surveyed, and the remaining portion of the APE has been disturbed by past infrastructure construction.

ONEOK contracted with Metcalf Archaeological Consultants, Inc. (Metcalf) to conduct a Class I File Search for the proposed Project, and the surrounding 1-mile radius as recommended by the North Dakota State Historic Preservation Office (SHPO). Of the 88 archaeological sites and 25 cultural heritage sites identified in the Class I review, 15 sites are within, or immediately adjacent to, the Project APE. ONEOK has routed around unevaluated sites by a 100-foot-wide buffer to avoid impacts. At these sites, exclusion fencing would be installed along the edge of workspace to prohibit inadvertent impacts within the 100-foot site buffer during construction (see Figure 3 enclosed).

The following table lists the 15 sites within the APE, and their respective National Register of Historic Places (NRHP) recommendations and avoidance recommendations.

Tioga Extension Project Class I Results of Sites within APE			
Site ID#	Description	NRHP Status	Avoidance Recommendation
32WI02307	Postcontact – Depression	Not Eligible	No avoidance
32WI01630 / CHFVI0092	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3
32WI2392 / CHFVI0098	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3
32WI02393 / CHFVI0099	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3
32WI2394 / CHFVI0100	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3
32WIx0820	Precontact – Isolated Find	Not Eligible	No avoidance
32WI01494	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3
32WI01495	Postcontact – Scatter	Not Eligible	No avoidance
32WIx0816	Postcontact – oil pad	Not Eligible	No avoidance
32WI02144 / CHFVI0093	Precontact – Stone Feature	Unevaluated	Install fencing along the edge of construction workspace to maintain a 100-foot buffer between construction and the site as shown in Figure 3

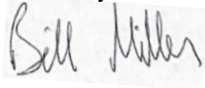
The archaeological Class I File Search documenting the previously recorded cultural resources survey of the Tioga Extension Project is enclosed. Also enclosed is the Unanticipated Discoveries Plan to be implemented during construction. As the entire APE has been recently surveyed or is previously disturbed by past infrastructure construction and all significant or unevaluated resources will be avoided, ONEOK agrees with Metcalf's recommendation that the Project will not affect significant archaeological sites and that no additional cultural resource investigations are warranted.

March 12, 2025
Tioga Extension Project

By this letter, ONEOK respectfully requests the SHPO review the Project avoidance measures and provide written concurrence that the proposed project will not affect properties listed on, or eligible for listing on, the NRHP. The Project is subject to the authority of the North Dakota Public Service Commission under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the North Dakota Public Service Commission later this year.

We appreciate your assistance with this request and look forward to your timely review and comments on this Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Overview Map Set Depicting Tioga Extension Project Area of Potential Effect
Aerial Map Set Depicting Proposed Avoidance Measures for Unevaluated Sites
Class I Report for the ONEOK Tioga Extension Project in Williams County, ND
Unanticipated Discoveries Plan
Shapefile of APE (provided electronically)

cc: Andrew J. Robinson, Margaret (Margie) Patton, Lorna Meidinger, SHPO (via email)
Maddy Krumwiede and Eddie Zedaker, ERM

March 12, 2025 Letter Enclosures
(Maps and Figures) Excluded due
to Confidentiality of Cultural
Resource Information



March 13, 2025

Eddie Zedaker
ERM
Eddie.zedaker@erm.com

SHSND Ref.: 25-9034 ONEOK Tioga Extension Pipeline Project in portions of [T157N R95W Sections 1, 12, 13, 23, 24 and T158N R95W Sections 24, 25, 36] in Williams County, North Dakota

Dear Eddie,

We have reviewed the Class I report submitted for SHSND Ref.: 25-9034. Within the project area you provided to us, there are 9 archaeological sites, 1 isolated find, and 6 cultural heritage sites that have been previously identified. It appears for site 32WI2307 that a potential structure that is visible in the 1958 aerial and cultural heritage site CHFWI0091 were missed. Therefore we do not agree that existing work is sufficient to support all of the recommendations within the report. It is our determination that there would be no significant sites affected by this project if sites 32WI1494, 32WI1630, 32WI2144, 32WI2307, 32WI2392, 32WI2393, 32WI2394, CHFWI0091, CHFWI0092, CHFWI0093, CHFWI0098, CHFWI0099, and CHFWI0100 are avoided through the use of fencing for a 100-foot buffer between the sites and the construction. We recognize that the distance between 32WI2307 and the western edge of your project area as submitted does not meet this avoidance recommendation. If the project corridor cannot be adjusted, the options at this location are to conduct further cultural resource work in consultation with our office or consult for distance stipulations for potentially boring across the avoidance area at this site.

Thank you for the opportunity to review this project under North Dakota cultural resources consultation. This letter does not serve as federal agency consultation or SHPO consultation for compliance with Section 106 of the National Historic Preservation Act of 1966, as amended, (36 CFR Part 800), or the National Environmental Policy Act, as amended, (42 U.S.C. §§ 4321- 4347). If you have any questions, please contact Lorna Meidinger, Lead Historic Preservation Specialist at lbmeidinger@nd.gov or (701) 328-2089.

Sincerely,

for William D. Peterson, PhD
Director, State Historical Society of North Dakota

cc: Liz France

25-9034



March 18, 2025

Eddie Zedaker
ERM
Eddie.zedaker@erm.com

SHSND Ref.: 25-9034 ONEOK Tioga Extension Pipeline Project in portions of [T157N R95W Sections 1, 12, 13, 23, 24 and T158N R95W Sections 24, 25, 36] in Williams County, North Dakota

Dear Eddie,

After receiving our letter dated March 13, 2025, Liz France of Metcalf Archaeological Consultants, Inc. consulted with us on behalf of this project regarding distance stipulations for boring in the vicinity of 32WI2307. Boring through this vicinity at a distance no less than 50 feet from the site boundary is acceptable. Should the project propose a distance less than 50 feet, we will need further consultation regarding the distance and possible additional stipulations.

Thank you for the opportunity to review this project under North Dakota cultural resources consultation. This letter does not serve as federal agency consultation or SHPO consultation for compliance with Section 106 of the National Historic Preservation Act of 1966, as amended, (36 CFR Part 800), or the National Environmental Policy Act, as amended, (42 U.S.C. §§ 4321- 4347).

If you have any questions, please contact Lorna Meidinger, Lead Historic Preservation Specialist at lmeidinger@nd.gov or (701) 328-2089.

Sincerely,

for William D. Peterson, PhD
Director, State Historical Society of North Dakota

cc: Liz France

25-9034

From: [Eddie Zedaker](#)
To: [Meidinger, Lorna B.](#)
Cc: [Liz France \(Metcalf\)](#)
Subject: RE: SHSND# 25-9034 - 32WI2307
Date: Wednesday, April 2, 2025 2:11:01 PM
Attachments: [image001.png](#)

Good Afternoon Lorna,

I just wanted to follow up on my email from a few weeks ago below. Does this address the comment from the March 13, 2025 letter regarding CHFWI0091?

Feel free to reach out to me or Liz if you have any questions.

Thank you,



ERM

Sustainability is our business

Eddie Zedaker

Managing Consultant, Capital Project Delivery

Mobile
(256) 872-5818

erm.com

From: Eddie Zedaker <eddie.zedaker@erm.com>
Sent: Tuesday, March 18, 2025 2:30 PM
To: Meidinger, Lorna B. <lbmeidinger@nd.gov>
Cc: Liz France (Metcalf) <lfrance@metcalfarchaeology.com>
Subject: RE: SHSND# 25-9034 - 32WI2307

Thank you, Lorna. The proposed route, via bore, is greater than 50 feet from 32WI2307.

Regarding CHFWI0091, the CHF is on the maps but was mislabeled and was not specifically discussed. This CHF location will be avoided, along with site 32WI1494 as they are immediately adjacent to each other. If you look at the maps, Page 2 of Figure 3, included in the letter you will see that there are two of the same labels for site 32WI1494. The label on the north side of the sites should be for CHFWI0091 and the label to the south is for site 32WI1494. Please let me know if that clarification addresses the comment from the March 13, 2025 letter.

Sincerely,

Eddie Zedaker



ERM

Sustainability is our business

Managing Consultant, Capital Project Delivery

Mobile
(256) 872-5818

erm.com

From: Meidinger, Lorna B. <lbmeidinger@nd.gov>
Sent: Tuesday, March 18, 2025 12:31 PM
To: Eddie Zedaker <eddie.zedaker@erm.com>
Cc: Liz France (Metcalf) <lfrance@metcalfarchaeology.com>
Subject: SHSND# 25-9034 - 32WI2307

EXTERNAL MESSAGE

Eddie,

Attached is our letter after discussions with Liz France regarding 32WI2307.

Respectfully,

Lorna Meidinger
Lead Historic Preservationist
State Historical Society of North Dakota
612 E Boulevard Ave
Bismarck, ND 58505
701.328.2089



April 3, 2025

Eddie Zedaker
ERM
Eddie.zedaker@erm.com

SHSND Ref.: 25-9034 ONEOK Tioga Extension Pipeline Project in portions of [T157N R95W Sections 1, 12, 13, 23, 24 and T158N R95W Sections 24, 25, 36] in Williams County, North Dakota

Dear Eddie,

After receiving our letter dated March 13, 2025, you reached out regarding cultural heritage site CHFWI0091 being missed in the submitted Class I documentation. The maps had the location marked but mislabeled and the site was not discussed in the text. CHFWI0091 should be avoided through the use of fencing for a 100-foot buffer between the sites and the construction. If this site cannot be avoided, further consultation with our office and the appropriate cultural group will be necessary.

Thank you for the opportunity to review this project under North Dakota cultural resources consultation. This letter does not serve as federal agency consultation or SHPO consultation for compliance with Section 106 of the National Historic Preservation Act of 1966, as amended, (36 CFR Part 800), or the National Environmental Policy Act, as amended, (42 U.S.C. §§ 4321- 4347). If you have any questions, please contact Lorna Meidinger, Lead Historic Preservation Specialist at lbmeidinger@nd.gov or (701) 328-2089.

Sincerely,

for William D. Peterson, PhD
Director, State Historical Society of North Dakota

25-9034

North Dakota Indian Affairs Commission



February 20, 2025

Mr. Brad Hawk, Executive Director
North Dakota Indian Affairs Commission
600 East Boulevard Avenue
1st Floor Judicial Wing, Rm. 117
Bismarck, ND 58505

Via Email: bhawk@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Hawk,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

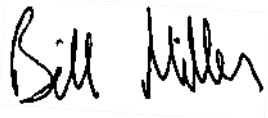
Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
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157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. Brad Hawk

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Job Service of North Dakota



February 20, 2025

Mr. Patrick Bertagnolli
Executive Director
Job Service of North Dakota
PO Box 5507
Bismarck, ND 58506-5507

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Bertagnolli,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

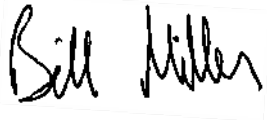
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February 20, 2025
Mr. Patrick Bertagnolli

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Sincerely,

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Trust Lands



February 20, 2025

Chris Suelzle
Minerals Division Director
North Dakota Department of Trust Lands - Minerals Management
1707 North 9th Street
Bismarck, ND 58501

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Suelzle,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.


ONEOK respectfully submits this letter as notification of the proposed Project and to request review of the 1-mile-wide Project Study Area for Mineral Trust Lands. Based on review of publicly available data, ONEOK identified several Mineral Trust parcels in the vicinity of the Project, some of which are directly crossed by the pipeline route. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included below.

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February 20, 2025
Mr. Chris Suelzle

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Sincerely,

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Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM



February 20, 2025

Mr. Joseph Stegmiller
Director
North Dakota Department of Trust Lands – Surface / School Trust
1707 North 9th Street
Bismarck, ND 58501

Via Email: dtlSurface@nd.gov; landrow@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Stegmiller,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

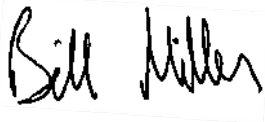
ONEOK respectfully submits this letter as notification of the proposed Project and to request review of the one-mile-wide Project Study Area for Surface / School Trust Lands. Based on review of publicly available data, ONEOK identified Surface / School Trust parcels in the vicinity of the Project, some of which are directly crossed by the pipeline route. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included on the next page.

February 20, 2025
Mr. Joseph Stegmiller

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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [-Info-ROW-ND Dept. of Trust Lands](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); bill.miller@oneok.com
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project / R-10647 - ONEOK BAKKEN PIPELINE LLC - Gas Transmission Pipeline
Date: Wednesday, March 12, 2025 10:32:32 AM
Attachments: [image003.png](#)
[image004.png](#)
[image005.png](#)
[NDDTLS ONEOK Tioga Extension 2025-02-20 \(1\).pdf](#)

EXTERNAL MESSAGE

RE: R-10647 - ONEOK BAKKEN PIPELINE LLC - Gas Transmission Pipeline / ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Williams County

Township 158 North, Range 95 West

Section 36: ALL

To Whom it May Concern:

Trust Lands were granted to the state of North Dakota through the Enabling Act of 1889 from the United States for the sole purpose of generating revenue for the beneficiaries defined by the North Dakota Constitution. Through our state constitution, the Board of University and School lands (Board), is charged with managing these Trust Lands in a way that is in the best interest of the trusts' beneficiaries (i.e. various schools). The North Dakota Department of Trust Lands (NDDTL) manages these lands on behalf of the Board. All proposed projects crossing NDDTL managed property are subject to review and approval by the Board or through the Board's agent, the Commissioner.

The above listed company has applied for a Gas Transmission Pipeline Right-of-Way across the above listed section(s) of land which are managed by the North Dakota Department of Trust Lands (NDDTL). The above listed company is currently working through the NDDTL ROW process to obtain an agreement. NDDTL has expressed several routing comments through this tract of land.

Any questions can be forwarded to NDDTL ROW staff by phone (701-328-2800) or email (landrow@nd.gov). Please include the ROW# in the subject matter line ("R-10647") in all correspondence.

If you have any questions, please contact the Department via emailing landrow@nd.gov.

Sincerely,

North Dakota Department of Trust Lands

701.328.1916 • land.nd.gov/rightsofway • landrow@nd.gov
1707 N 9th St • Bismarck, ND 58501



From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Thursday, February 20, 2025 5:04 PM
To: -Info-ROW-ND Dept. of Trust Lands <landrow@nd.gov>; -Info-DTL Surface <dtlsurface@nd.gov>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Some people who received this message don't often get email from ariana.rodriguez@erm.com. [Learn why this is important](#)

North Dakota Parks and Recreation Department



February 20, 2025

Kathy Duttonhefner
Natural Resources Division Chief
North Dakota Parks and Recreation Department
Liberty Memorial Building
604 E. Boulevard Ave. Dept 750
Bismarck, ND 58505

Via Email: kgduttonhefner@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Ms. Duttonhefner,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK respectfully submits this letter as notification of the proposed Project and to request Project review from the North Dakota Parks and Recreation Department (NDPRD). ONEOK is requesting NDPRD review of the North Dakota Natural Heritage Inventory system and for presence or absence of state parks, recreation areas, natural areas, and land and water conservation fund projects within the one-mile-wide Project Study Area. Based on review of publicly available information, ONEOK is not aware of any specific NDPRD interests in the vicinity of the Project.

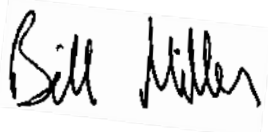
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February 20, 2025
Ms. Kathy Duttonhefner

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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

March 6, 2025

Bill Miller
ONEOK Inc.
100 West Fifth Street
Tulsa, OK 74103

Re: ONEOK Bakken Pipeline Tioga Extension Project

Dear Bill,

The North Dakota Parks and Recreation Department (NDPRD) has reviewed the above-referenced proposed construction of natural gas pipeline referred to as the Tioga Extension Project located on Willimas, North Dakota.

NDPRD's scope of authority and expertise covers properties that NDPRD owns, leases, or manages; properties protected under Section 6(f) of the Land and Water Conservation Fund (LWCF); rare plants; and ecological communities established through the Natural Heritage Program.

The project does not appear to affect properties NDPRD owns, leases, or manages positively.

The project does not appear to affect any properties protected under Section 6(f) of the LWCF.

A North Dakota Natural Heritage biological conservation database query determines 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, we have no known plant and animal species of concern or significant ecological communities documented within or immediately adjacent to the project site.

We appreciate your commitment to rare plant, animal, and ecological community conservation, management, and inter-agency cooperation. For additional information, please contact Kathy Duttonhefner at 701-328-5370, 701-220-3377 (cell), or kgduttonhefner@nd.gov.

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

Sincerely,



Kathy Duttonhefner, Chief Natural Resources Division

USDA Natural Resource Conservation Service



February 21, 2025

Mr. Dan Hovland
State Conservationist
Natural Resources Conservation Service
P.O. Box 1458
220 East Rosser Avenue
Federal Building, Room 270
Bismarck, ND 58501

Via Email: dan.hovland@usda.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Hovland,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

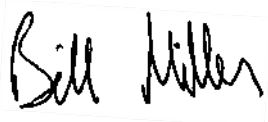
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February 21, 2025
Mr. Dan Hovland

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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM



March 5, 2025

Natural Resources
Conservation Service

Bismarck State Office
PO Box 1458
Bismarck, ND
58502-1458

Voice 701.530.2000
Fax 855-813-7556

Bill Miller, Environmental Project Manager
ONEOK Bakken Pipeline, LLC
ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
bill.miller@oneok.com
maddy.krumwiede@erm.com

Dear Mr. Miller:

The Natural Resources Conservation Service (NRCS) has reviewed your letter dated February 21, 2025, concerning project ONEOK Bakken Pipeline L.L.C., Tioga Extension Project, Williams County, North Dakota.

Farmland Protection Policy Act

NRCS has a major responsibility with the Farmland Protection Policy Act (FPPA) in documenting conversion of farmland (i.e., Prime, Statewide Importance and/or Local Importance) to non-agricultural use when federal funding is used. Your proposed project consists of burying natural gas liquids pipeline. The burying of pipelines does not remove farmland from production; therefore, FPPA does not apply to this project and no further action is needed.

To maintain soil productivity, it is recommended that topsoil and subsoil not be mixed and when restored topsoil is replaced as the surface layer. If grass seeding is necessary in native grassland only native plant species adapted to the area should be used.

Wetlands

The Wetland Conservation Provisions of the 1985 Food Security Act, as amended, provide that if a USDA participant converts a wetland for the purpose or to have the effect of making agricultural production possible, loss of USDA benefits could occur. NRCS has developed the following guidelines for the installation where wetlands occur. If these guidelines are followed the impacts to the wetland will be considered minimal allowing USDA participants to continue to receive USDA benefits. Following are the requirements:

- Disturbance to the wetland must be temporary.
- No drainage of wetland is allowed (temporary or permanent).
- Mechanized landscaping necessary for installation is kept to a minimum and preconstruction contours are maintained.

Helping People Help the Land

- Temporary side cast material must be placed in such a manner not to be dispersed in the wetland.
- All trenches must be backfilled to the original wetland bottom elevation.

If you have additional questions pertaining to FPPA, please feel free to contact me at (701) 530-2018 or by email at Susan.Samsonliebig@usda.gov.

Sincerely,

Susan Samson-Liebig

SUSAN SAMSON-LIEBIG
Acting State Soil Scientist

North Dakota State Water Commission



February 20, 2025

Mr. John Paczkowski, P.E., State Engineer
North Dakota Department of Water Resources
C/O Project Review
900 East Boulevard Ave
Bismarck, ND 58505

Via Email: dwrprojectreview@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Paczkowski,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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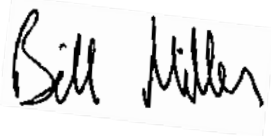
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158 North	95 West	23, 24, 25, 26, 35, 36

ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. John Paczkowski

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a light gray rectangular box.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

March 17, 2025

Mr. Bill Miller

ONEOK Inc
2728 Patton Road
St. Paul, Minnesota 55113
bill.miller@oneok.com
612-257-3481

Dear Mr. Miller,

This is in response to your request for a review of the environmental impacts associated with the ONEOK Bakken Pipeline L.L.C, Tioga Extension Project, located in Williams County, North Dakota.

The proposed project has been reviewed by Department of Water Resources (DWR), and the following comments are provided:

- Initial review indicates the project does not require a conditional or temporary permit for water appropriation. However, if surface water or groundwater will be diverted for construction of any future projects identified in the plan, a water permit will be required per North Dakota Century Code § 61-04-02. Please consult with the DWR Water Appropriation Division if you have any questions at (701) 328-2754 or appropinfo@nd.gov.

- Water Resource Districts and the DWR Regulatory Division's Engineering and Permitting Section are responsible for regulating drainage and water management in North Dakota. The DWR Engineering and Permitting Section also regulates the construction and modification of any dike, diversion, restoration, or other device. Consequently, the DWR requests to be notified regarding a proposed project's impacts, if any, to water resources, such as watercourses (i.e. streams or rivers), agricultural drains, wetlands (i.e. ponds, sloughs, lakes, or any series thereof), and dikes, diversions, restorations, and other water control devices, as any alterations, modifications, improvements, or impacts may require a drainage permit(s) or construction permit(s). For more information on these requirements, please visit the Regulation & Appropriation tab on the DWR website (dwr.nd.gov), or contact the Regulatory Division directly at 701-328-2750 or dwrregpermits@nd.gov.

- There are no FEMA National Flood Insurance Program (NFIP) floodplains identified or mapped where the proposed project is to take place. No permits relative to the NFIP are likely required based on the current Flood Insurance Rate Map and State minimum standards. However, flood risk has been identified through the North Dakota Risk Assessment Mapservice and Base Level Engineering (BLE) (ndram.dwr.nd.gov). In the absence of FEMA NFIP data, BLE is often considered best available data and is recommended to be considered in the design process. The State of North Dakota has no formal NFIP permitting authority as all NFIP permitting decisions are considered by impacted NFIP participating communities, the community with zoning authority for the area in question. Please work directly with the local floodplain administrators of the zoning authorities impacted.

Thank you for the opportunity to provide review comments. Should you have further questions, please contact me at 701-328-4970 or kyrkoski@nd.gov.

Sincerely,

Kyle Yrkoski

Kyle Yrkoski
Planner III

KY:mg/1570

United States Department of Defense



February 20, 2025

United States Department of Defense
Attn: State Director for North Dakota
ND Joint Forces Headquarters
PO Box 5511
Bismarck, ND 58501-7926

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

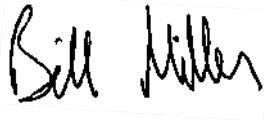
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

February 20, 2025
United States Department of Defense

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive, slightly slanted style.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

United States Fish and Wildlife Service



March 12, 2025

Mr. Jerry Reinisch
U.S. Fish and Wildlife Service
North Dakota Ecological Services Field Office
3425 Miriam Avenue
Bismarck, ND 58501-7926

Mr. Scott Williams
U.S. Fish and Wildlife Service
Crosby-Lostwood Wetland Management District
10100 Highway 42 NW
Crosby, ND 58730-9399

Via Email: jerry_reinisch@fws.gov; scott_a_williams@fws.gov; crosbywetlands@fws.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Project Review

Dear Mr. Reinisch and Mr. Williams,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area (Study Area) centered on the proposed pipeline route. Overview maps showing the Project pipeline and facilities are enclosed for your reference. Table 1, below, displays locational information for the Project Study Area.

Table 1 Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
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March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

On January 28, 2025, Bill Miller (ONEOK) and Maddy Krumwiede (ERM) met with the U.S. Fish and Wildlife Service (USFWS) North Dakota Field Office (NDFO). ONEOK introduced the Project and measures proposed to avoid and minimize impacts to protected species.

As discussed during the meeting, the majority of the Project is located within previously surveyed utility corridors, and ONEOK is proposing to leverage colocation with existing rights of way to the extent practicable to minimize new impact areas. As reviewed in the meeting, to assist in Project planning ONEOK conducted detailed desktop analysis using publicly available GIS data, aerial imagery and published literature, as well as reviewed publicly available environmental survey information from previous projects in the area, to evaluate the potential for protected species habitat within the Project Study Area.

To further aid in planning the Project, ONEOK requests the USFWS review the Study Area and provide technical assistance with respect to:

- avoidance and minimization measures, and comments or concurrence on the impact determinations discussed below for federally listed threatened, endangered, proposed, and candidate species potentially present in the Study Area;
- locations of known eagle nests; and
- locations of USFWS-managed lands or easements in the Study Area.

The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year.

Protected Species Review and Project-based Conservation Measures

Species identified by the Information for Planning and Consultation (IPaC) are listed in Table 2. ONEOK has analyzed the potential for these species to be present or affected by the Project and made effect determinations for USFWS consideration in its technical review.

Table 2			
USFWS Proposed, Candidate, and Listed Species¹			
Scientific Name	Common Name	Status	Effect Determination
Piping Plover	<i>Charadrius melodus</i>	Threatened	No effect
Rufa Red Knot	<i>Calidris canutus rufa</i>	Threatened	No effect
Whooping Crane	<i>Grus americana</i>	Endangered	Not likely to adversely affect
Dakota Skipper	<i>Hesperia dacotae</i>	Threatened	Not likely to adversely affect
Monarch Butterfly	<i>Danaus plexippus</i>	Proposed Threatened	Not likely to jeopardize
Suckley's Cuckoo Bumble Bee	<i>Bombus suckleyi</i>	Proposed Endangered	Not likely to jeopardize
Western Regal Fritillary	<i>Argynnis idalia occidentalis</i>	Proposed Threatened	Not likely to jeopardize

¹ Information for Planning and Consultation (IPaC). USFWS website. Available at <https://ecos.fws.gov/ipac/>. Accessed February 2025.

March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

ONEOK has identified several conservation and avoidance measures to enact during the Project to minimize or avoid impacts to species with potential to occur in the Study Area. General conservation measures are described here and species-specific measures are described with each species description below. ONEOK will provide pre-construction environmental training to ONEOK and contractor personnel whose activities may impact the environment during Project construction. As part of this training, ONEOK will provide information on proper identification of whooping cranes, red knots, and piping plovers and the procedures to implement in the event of a sighting.

ONEOK will retain an Environmental Inspector (EI) to verify that environmental protection measures, permit conditions, and other specifications are implemented appropriately by the contractor during Project construction, including conservation measures associated with threatened and endangered species. The EI will have stop-work authority to enforce all provisions of federal, state and local regulations and the provisions and requirements of any other applicable permits.

The majority of the Project is located within existing or proposed pipeline corridors and cultivated lands to minimize fragmentation of habitats. ONEOK will minimize impacts to potential habitat for protected species to the extent possible through strategic placement of the pipeline corridor, staging and laydown areas, and access roads, or by using horizontal directional drilling or boring under high quality habitat. Additionally, ONEOK will adhere to post-construction restoration and revegetation procedures prescribed by applicable permit conditions to ensure minimization of erosion during operation and maintenance of the pipeline. Identified grasslands and wetlands will be revegetated with appropriate native seed mixtures, subject to the terms of landowner agreements. ONEOK will comply with federal, state, and local rules and regulations, and restore the land to pre-existing condition, to the extent practicable.

Piping Plover

Piping plovers are small shore birds that nest on sandbars in rivers and sandy beaches bordering lakes and reservoirs. The Great Plains population of piping plovers are annual migrants; the species overwinters on the Gulf coast and migrates to summer nesting areas in the central U.S. and southern Canada. The species arrives in North Dakota in mid-April and remains until late August. Piping plovers utilize wide, sparsely vegetated beaches and barren river sandbars, as well as alkali lakes and wetlands in the Great Plains for nesting, foraging, sheltering, brood-rearing, and dispersal. Critical habitat has been designated for the piping plover in Williams County; however, the Study Area does not intersect with designated critical habitat for the species. The nearest designated critical habitat for the piping plover is associated with the Missouri River/Lake Sakakawea reservoir, approximately 12 miles east of the Project. The Project will have no impact on designated critical habitat.

No shorelines, or wetlands or waterbodies of a suitable habitat size and type are present within the Study Area. Due to the lack of suitable habitat, Project activities are expected to have *no effect* on piping plovers.

Rufa Red Knot

The rufa red knot is a medium-sized shorebird noted for its long-distance migration between summer breeding grounds in the Arctic and wintering areas at high latitudes in the Southern Hemisphere. Some

March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

red knots wintering in the Gulf migrate through interior North America during the spring migration and use inland saline lakes as stopover sites in the Northern Great Plains. Available data indicates a small number of rufa red knots may occasionally use manmade freshwater habitats (e.g., impoundments); the use of freshwater wetlands as stopover habitat is unconfirmed.

Red knot breeding has not been documented in North Dakota and the species is considered to be an infrequent, rare migrant during bi-annual migrations. Construction of the Project may occur during the rufa red knot fall migration; however, the Project does not cross or work in the vicinity of inland saline lakes, impoundments or large wetlands that may be suitable stopover habitat. In the event a rufa red knot is sighted by ONEOK's contractor or EI within 0.6 mile of the construction workspace during construction, or if the USFWS notifies ONEOK of a rufa red knot sighting within 0.6 mile of the construction workspace, construction activities will cease until the individual(s) have left the area. Any rufa red knot sightings by ONEOK's contractor or EI would be immediately reported to the USFWS NDFO, and the NDGFD. Based on the lack of suitable habitat and with these conservation measures in place, Project activities are expected to have *no effect* on rufa red knot.

Whooping Crane

Whooping cranes embark on a bi-annual migration from summer nesting and breeding grounds in Wood Buffalo National Park in northern Alberta to the barrier islands and coastal marshes of the Aransas National Wildlife Refuge (NWR) on the Gulf Coast of Texas. Twice yearly in the spring and fall, the cranes migrate along the Central Flyway, a migratory corridor approximately 220 miles wide and 2,400 miles in length that includes eastern Montana and portions of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and eastern Texas. During the migration, cranes make numerous stops, roosting in large shallow marshes, and feeding in harvested grain fields.

In North Dakota, whooping cranes are only present during the bi-annual migration between winter grounds and summer nesting sites (late April to June 15 and September 15 to November 15). As such, the species cannot be confirmed as present in or absent from the Study Area. However, the Study Area falls within the 95 percent migration corridor (i.e., the 220-mile band where 95 percent of all whooping crane sightings have occurred), and suitable stopover habitat (i.e., open landscape wetlands and croplands) is present in the Project Study Area.

Construction activities have the potential to temporarily impact individual whooping cranes. Specifically, if construction takes place during the species' migration period, human presence or noise from construction activities and equipment may cause migrating whooping cranes to startle and flush from wetlands or fields and/or to divert from the area.

The general Project-based conservation measures discussed above will minimize potential impacts on whooping crane individuals and habitat. In addition to these general Project-based conservation measures, the following species-specific conservation measures will be implemented. If a whooping crane is sighted by ONEOK's contractor or EI within 500 feet from the construction workspace during construction, or if the USFWS notifies ONEOK of a whooping crane sighting within 1/4 mile of the construction workspace, construction activities will cease until the individual(s) have left the area. Any

March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

whooping crane sightings by ONEOK's contractor or EI would be immediately reported to the USFWS NDFO, and the NDGFD. To avoid long-term impacts on the whooping crane's migratory stopover habitat, if wetlands are crossed using open trench methods by the Project, these features will be restored to pre-construction conditions. With these conservation measures in place, the Project is *not likely to adversely affect* the whooping crane.

Dakota Skipper

The Dakota skipper is a small-to-medium sized butterfly characterized by a short, sturdy body and a quick, skipping flight. The species is an obligate of high-quality prairie habitat (i.e., grasslands or discrete patches of habitat within a grassland that are predominantly native and that have not been tilled). The species does not thrive in heavily grazed or cultivated areas. Adults emerge in mid-June, feeding on the nectar of flowering native forbs; harebell, wood lily, and purple coneflower are common components of their diet. Larvae of the Dakota skipper feed on grasses, favoring little bluestem. The species overwinters at the base of grasses in the soil of the site which they inhabit. In North Dakota, the Dakota skipper typically occupies both wet-mesic and dry-mesic prairie. Grasslands dominated by exotic, invasive, or introduced plant species, or are low diversity grasslands, are unlikely habitat for Dakota skipper. High quality, high diversity, unbroken native prairie may provide appropriate habitat for Dakota skipper.

ONEOK conducted a desktop assessment of grassland and species habitat which demonstrated that there is no designated critical habitat in the Study Area; however, unbroken grasslands which may contain suitable habitat are present within the Study Area. Surveys to determine individual presence/probable absence of Dakota skipper have not been completed; therefore, ONEOK is currently assuming the species may be present in unbroken grassland areas and is planning the Project accordingly. In order to prevent impacts to potentially suitable habitat and individuals, surface construction impacts across parcels of grasslands will be limited to previously disturbed areas, such as established pipeline corridors operated by third parties, wherever possible. In areas of potentially suitable habitat where construction within a previously disturbed area is not feasible, ONEOK will utilize horizontal directional drill (HDD) construction techniques to bore under the habitat and avoid surface disturbance. Ground disturbing activities such as vehicle/equipment traffic, digging, grading, trenching, soil compaction, etc. will be avoided within potentially suitable habitat areas above the HDD; only foot traffic will be permitted in these areas. Trenching and equipment access will only be allowed in degraded grasslands that do not provide sufficient habitat for Dakota skipper.

If scheduling allows, ONEOK may deploy biological surveys in spring/summer 2025 to better delineate quality habitat from degraded grasslands and will engage with USFWS NDFO to discuss findings. With these conservation measures in place, the Project is *not likely to adversely affect* the Dakota skipper.

Monarch Butterfly

The monarch butterfly migrates across North Dakota. Habitat for the monarch butterfly can include a variety of landscapes where milkweed (*Asclepias* spp.) and nectar plants are present. Adult monarchs feed on the nectar of many flowers and lay their eggs on milkweed, the larvae caterpillar's only food source.

March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

The conservation measures outlined for Dakota skipper will also significantly avoid and minimize potential impacts to the monarch butterfly. Further, topsoil will be segregated and preserved for seedbank restoration and the pipeline right-of-way returned to preconstruction conditions; therefore, impacts on any potential habitat is anticipated to be short-term during construction and loss of habitat for monarchs post-construction is not anticipated. With these conservation measures in place, the Project is *not likely to jeopardize* the continued existence of the monarch butterfly.

Suckley's Cuckoo Bumble Bee

The Suckley's cuckoo bumblebee can be found in prairies, grasslands, meadows, woodlands, and agricultural and urban areas. The species is a social parasite that depends on the nests of other bumble bee species during the nesting season. It has experienced rapid population decline and there have been no recent reports of the species in North Dakota, although the state is within its historic range.

Desktop analysis for Suckley's cuckoo bumblebee potential habitat was completed within the Study Area and the analysis identified grasslands which may provide suitable habitat. The conservation measures outlined for Dakota skipper will also significantly avoid and minimize potential impact to this species. With these conservation measures in place, the Project is *not likely to jeopardize* the Suckley's cuckoo bumblebee.

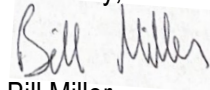
Western Regal Fritillary

The western regal fritillary is a butterfly typically found in tall-grass prairie remnants and other native prairie habitats. Regal fritillary adults rely on native nectar plants while larvae rely exclusively on native violets as a food source. All life stages are dependent on native warm-season grasses which act as protective sites. This species tends to remain within the boundaries of prairie habitats and viable populations are typically found in large 120 to 240 acre grasslands with some dispersal into remnant habitat. In North Dakota, the regal fritillary can be found state-wide in areas of quality habitat, with the southeast corner of the state provided the majority of the remaining habitat.

Desktop analysis for potential habitat for the western regal fritillary was completed within the Study Area and identified grasslands which may provide suitable habitat. The conservation measures outlined for Dakota skipper will also significantly avoid and minimize potential impact to this species. With these conservation measures in place, the Project is *not likely to jeopardize* the western regal fritillary.

We appreciate your assistance with review of the Project and request your reply within 30 days. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

March 12, 2025

Mr. Jerry Reinisch and Mr. Scott Williams

Enclosures: Project Overview Maps (aerial and topographic)
Project Study Area and Route Shapefiles

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Traylor, Cloe S](#)
To: [Eddie Zedaker](#)
Cc: [Williams, Scott A](#); Bill.Miller@oneok.com; [Maddy Krumwiede](#); [Ariana Rodriguez](#); [Reinisch, Jerry D](#)
Subject: Re: [EXTERNAL] ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Thursday, March 13, 2025 11:33:00 AM
Attachments: [image001.png](#)
[image002.png](#)
[158-95-25.pdf](#)

You don't often get email from cloe_traylor@fws.gov. [Learn why this is important](#)

EXTERNAL MESSAGE

Hi Eddie,

Thank you for reaching out to us. I am responding on behalf of Scott Williams. The one area I have flagged is in T158 R95 Section 25 - I have attached a map. There are two protected wetlands under easement in the path of the proposed pipeline that would be impacted. We would request that these wetlands be avoided or bored under. If those are not feasible options, we would need to initiate our compatibility process.

Please let us know if you have any questions. We appreciate your coordination with us.

Cloe Traylor

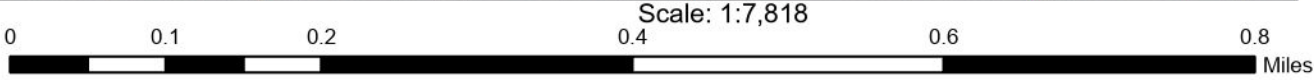
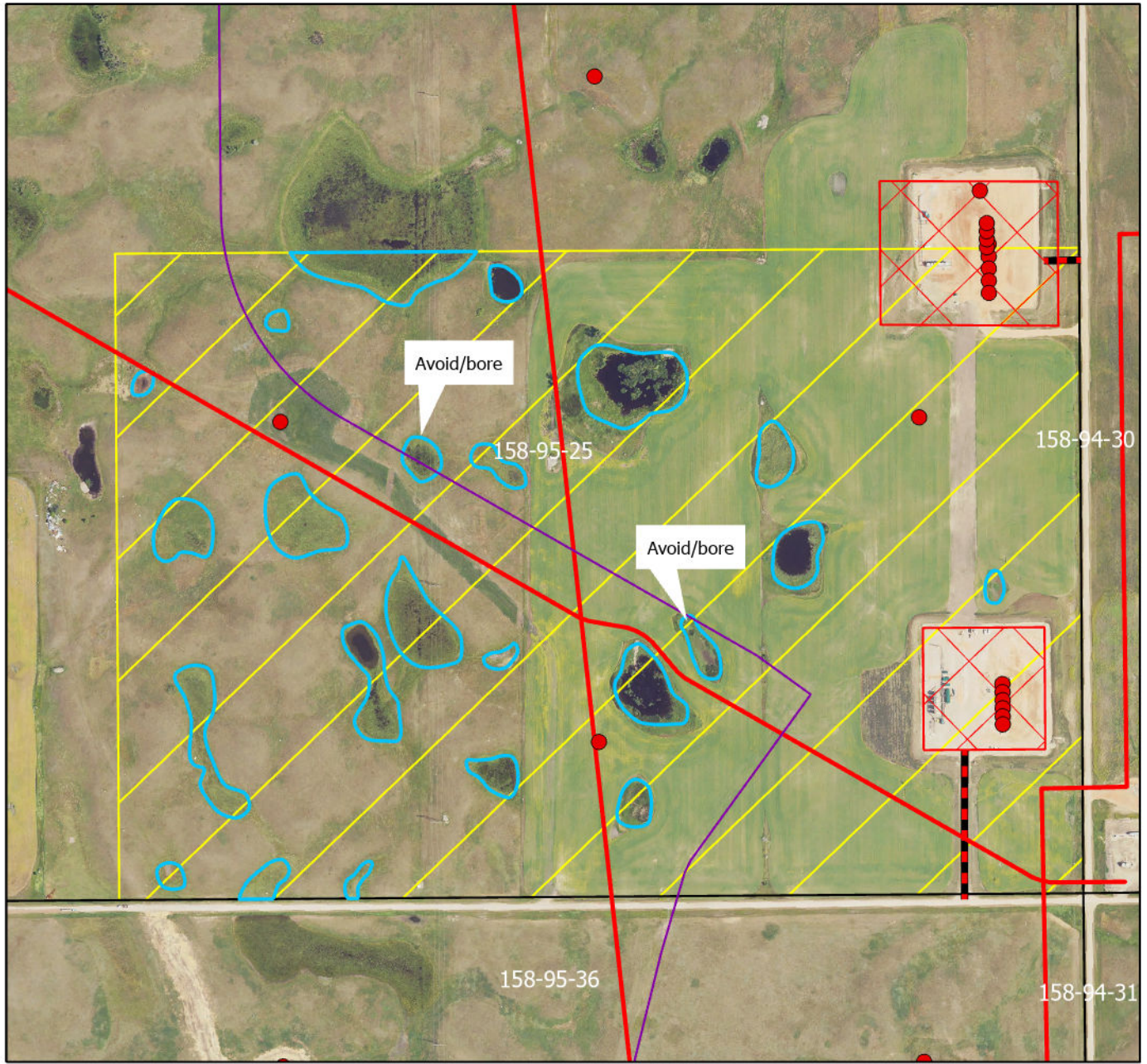
Wildlife Refuge Specialist
U.S. Fish and Wildlife Service
Crosby Wetland Management District
10100 Highway 42 NW
Crosby, ND 58730
Office: (701) 965-6488
Cell: (701) 240-4097

From: Williams, Scott A <Scott_A_Williams@fws.gov>
Sent: Thursday, March 13, 2025 8:57 AM
To: Traylor, Cloe S <cloe_traylor@fws.gov>
Subject: Fw: [EXTERNAL] ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Scott A. Williams
Wetland District Manager

Crosby Wetland Management District
United States Fish and Wildlife Service

ONEOK Tioga Extension Project
 Williams County - T 158 N. R 95 W.
 SECTION 25: E1/2SW1/4, SE1/4



Imagery: 2023 Photo
 Map Prepared: 3/13/2025



- | Oil and Gas Interest | | USFWS Managed Lands | |
|----------------------|-------------------|---------------------|-------------------------|
| Proposed Pipeline | Access Road | Section Boundary | Wetland Easement |
| Oil Well | Oil Pad | Grassland Easement | USFWS Protected Wetland |
| Existing Pipeline | Proposed Pipeline | | |

These shapefiles represent the approximate location, size and shape of wetland basins using visible water, vegetation, and soil indicators from aerial photography available at the time the shapefiles were created. The ONLY purpose of these shapefiles is to aid in the siting of oil and/or gas facilities. These shapefiles are not official for U.S. Fish and Wildlife Service protected wetlands and are not intended to be used for any other purpose besides the planning and siting of oil and/or gas facilities.

United States Department of the Interior



FISH AND WILDLIFE SERVICE
North Dakota Ecological Services

3425 Miriam Avenue
Bismarck, North Dakota 58501



IN REPLY REFER TO:2025-
0030085 ONEOK Tioga
Extension

April 2, 2025

Mr. Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, LLC
100 West 5th Street #LI
Tulsa, Oklahoma 74103

Dear Mr. Miller:

Thank you for the opportunity to provide comment on the proposed ONEOK Bakken-Tioga Extension natural gas pipeline project in Williams County, North Dakota. The project would involve construction of a 6-inch, 7.6-mile-long pipeline from the Silver Hill County Line Gas Plant to the ONEOK lateral meter station within the Hess Tioga Plant. Since the pipeline is a transmission line, it would be under the jurisdiction of the ND Public Service Commission. The U.S. Fish and Wildlife Service (Service) offers the following comments which are discretionary for you to implement in accordance with the Endangered Species Act (ESA) (16 U.S.C. 1531 *et seq.*) and the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668-668d, 54 Stat. 250).

We appreciate that ONEOK has designed the project to avoid impacts to listed species and has included proposed conservation measures to provide education for construction staff on whooping crane identification and to report all sightings within 1.0 mile of the project to the Service and to fence Dakota skipper suitable habitat prior to construction. Dakota skipper occupancy surveys and general pollinator surveys may be conducted at your discretion to document species in the project area; if surveys are conducted, a copy of the survey report sent to our office would help us continue to document the status of these species in North Dakota.

Based on the information presented and conservations measure commitments, the FWS does not expect this Project, as currently designed, will result in the incidental take of listed species under Section 9 of the ESA. We would be more than willing to discuss future changes to this project if they occur and work with you to help minimize potential impacts to listed species.

The FWS appreciates the opportunity to work with ONEOK and the ND Public Service Commission on our shared conservation goals. Should you have any questions regarding these comments, please have your staff contact Jerry Reinisch at (701) 425-2133 or contact Luke Toso at (720) 793-6797.

Sincerely,

Christopher Swanson
Field Supervisor
North and South Dakota Ecological Services

United States Army Corps of Engineers



February 20, 2025

Benjamin N. Soiseth
North Dakota Regulatory Section Chief
United States Army Corps of Engineers
North Dakota Regulatory Office, Omaha District
3319 University Street
Bismarck, ND 58504

Via Email: Benjamin.n.soiseth@usace.army.mil

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Soiseth,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

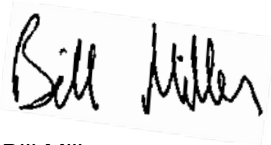
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

February 20, 2025
Mr. Benjamin Soiseth

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Township	Range	Sections within 1-mile-wide Study Area
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157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM



DEPARTMENT OF THE ARMY
 CORPS OF ENGINEERS, OMAHA DISTRICT
 NORTH DAKOTA REGULATORY OFFICE
 3319 UNIVERSITY DRIVE
 BISMARCK, NORTH DAKOTA 58504-7565

February 28, 2025

NWO-2025-00296-BIS

ERM

Attn: Ms. Maddy Krumwiede
 222 South 9th Street, Suite 2900
 Minneapolis, Minnesota 55402

Dear Ms. Krumwiede:

This is in response to your solicitation letter received on February 20, 2025 requesting Department of the Army (DA), United States Army Corps of Engineers (Corps) comments on the proposed ONEOK Bakken Pipeline, L.L.C., construction of an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project. The project site is located throughout Williams County, North Dakota as follows:

Township	Range	Sections
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

Corps Regulatory Offices administers Section 404 of the Clean Water Act. Section 404 of the Clean Water Act 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.

Enclosed for your information is the Fact Sheet for Nationwide Permit 12, Oil and Natural Gas Pipeline Activities. Oil and natural gas pipelines are already authorized by Nationwide Permit 12 provided the pipeline can be placed without any change to pre-construction contours and all other proposed construction activities and facilities are in compliance with the Nationwide's permit conditions and 401 Water Quality Certification. On Tribal Lands, Water Quality Certification is denied for all Nationwide Permits. Applicants must work with EPA to obtain individual water quality certification. Please note the pre-construction notification requirements on page 2 of the Fact Sheet. If a project involves any one of the notification requirements, the project proponent must

submit a DA application. Furthermore, a project must also be in compliance with the "Regional Conditions for Nationwide Permits within the State of North Dakota", found on pages 23 thru 30 of the Fact Sheet.

In the event your project(s) requires approval from the U.S. Army Corps of Engineers and cannot be authorized by Nationwide Permit(s), a Standard or Individual Permit will be required. A project that requires a Standard or Individual Permit is intensely reviewed and will require the issuance of a public notice. A Standard or Individual Permit generally requires a minimum of 120 days for processing but based on the project impacts and comments received through the public notice may extend well beyond 120 days.

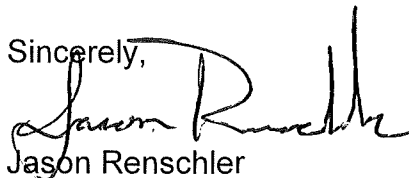
This correspondence letter does not approve the proposed construction work or does not verify the proposed project complies with the Nationwide Permit(s).

If this project requires a Section 404 permit, please complete and submit the enclosed Department of the Army permit application (ENG Form 6082) to the U.S. Army Corps of Engineers, North Dakota Regulatory Office, 3319 University Drive, Bismarck, North Dakota 58504 or to the email address below. If you are unsure if a permit is required, you may submit an application; include a project location map, description of work, and construction methodology.

The North Dakota Regulatory office can accept (and prefers) electronic submissions to the following email: CENWO-OD-RND@usace.army.mil.

Please refer to identification number NWO-2025-00296-BIS in any correspondence concerning this project. If you have any questions, please contact Jason Renschler at U.S. Army Corps of Engineers, North Dakota Regulatory Office, 3319 University Drive, Bismarck, North Dakota 58504-7565, by email at Jason.J.Renschler@usace.army.mil, or telephone at 701-989-6429.

Sincerely,



Jason Renschler
Senior Project Manager
North Dakota

Enclosure

- ENG Form 6082
- Nationwide Permit 12 Fact Sheet

U.S. Federal Aviation Administration



February 20, 2025

Federal Aviation Administration
United States Department of Transportation
800 Independence Avenue, SW
Washington, DC 20591

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

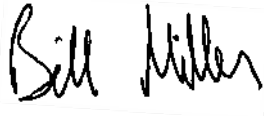
ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
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February 20, 2025
U.S. Federal Aviation Administration

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County Planning and Zoning



February 20, 2025

Kameron Hymer
Development Services Director
Williams County Planning and Zoning
P.O. Box 2047
Williston, ND 58802-2047

Sam Henderson
Williams County Floodplain Administrator
Williams County Planning and Zoning
220 2nd Ave East
Williston, ND 58801

Via Email: kameronh@co.williams.nd.us; samuelh@co.williams.nd.us

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
Project Notification and Request for Review

Dear Kameron Hymer and Sam Henderson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

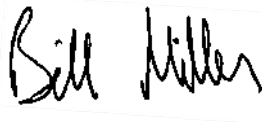
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February 20, 2025
Kameron Hymer and Sam Henderson

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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County Water Resource District Board



February 20, 2025

Williams County Water Resource District Board
P.O. Box 2047
Williston, ND 58802-2047

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at the Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area (Study Area) centered on the proposed pipeline route. With this notification letter, ONEOK is soliciting information and comments from the Williams County Water Resource District in regard to the following within the Study Area, as applicable:

- Locations of any county-regulated drains, ditches, and/or other drainage features;
- Special requirements, restrictions, or specifications regarding constructing pipelines across or under county-regulated drainage features;
- Local ordinances related to drainage; and
- Permits issued through your office which may be applicable to the Project, and a summary of the permit process and anticipated timeframes.

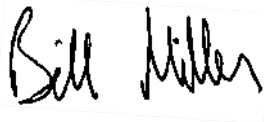
The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included on the next page.

February 20, 2025
Williams County Water Resource District Board

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Miller, Bill P.](#)
To: [Ariana Rodriguez](#); [Eddie Zedaker](#)
Subject: FW: (External) Tioga Extension Project - ONEOK Williams County Water Board Response
Date: Thursday, March 20, 2025 12:09:41 PM

EXTERNAL MESSAGE

From: Kevin Ploof <Kevin.Ploof@ackerman-estvold.com>
Sent: Thursday, March 20, 2025 10:59 AM
To: maddy.krumwiede@erm.com; Miller, Bill P. <Bill.Miller@oneok.com>
Cc: Beth M. Innis <BethI@co.williams.nd.us>; Drew (drewp@wdwnd.com) <drewp@wdwnd.com>
Subject: (External) Tioga Extension Project - ONEOK Williams County Water Board Response

All,

The Williams County Water Resource District does not have any comments related to the proposed Tioga Extension project.

Regards,

Kevin

Kevin Ploof, REHS/RS

Williams County Water Board Technical Advisor

Ackerman-Estvold

1907 17th Street SE

Minot, ND 58701

Office: 701.837.8737

Direct: 701.857.9165

www.ackerman-estvold.com [[ackerman-estvold.com](#)]

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Please consider the environment before printing this e-mail

NOTICE: The information contained in this electronic mail message is confidential and intended only for certain

recipients. Electronic data is transmitted for the recipient's convenience. The recipient agrees to indemnify and hold harmless Ackerman-Estvold from any liability arising from the use of this data and agrees to not disclose this data with any other party. Electronic files are subject to change and updates are the sole responsibility of the recipient. If you have received this communication in error, please notify the sender by reply transmission to kevin.ploof@ackerman-estvold.com and delete the message without copying or disclosing it.

Williams County Weed Control Board



February 20, 2025

Tom Leo
Weed Control Officer
Williams County Weed Control Board
PO Box 2047
Williston, ND 58802

Via Email: TomL@co.williams.nd.us

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Leo,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

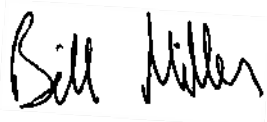
ONEOK respectfully submits this letter as notification of the proposed Project, and to request Project review and guidance and/or recommendations for weed control, pesticide use, and non-chemical treatment options. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included on the next page.

February 20, 2025
Mr. Tom Leo

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
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ONEOK requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County Board of Commissioners



February 20, 2025

Cory Hanson, Chair
Williams County Board of Commissioners
206 E Broadway
Williston, ND 58801

Via Email: coryh@co.williams.nd.us

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Cory Hanson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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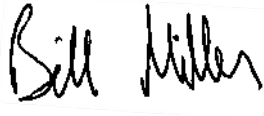
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Cory Hanson

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Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County
Tioga Township



February 20, 2025

Mr. Clarence Stewart
Supervisor Chairman
PO Box 1824
Tioga, ND 58852

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Stewart,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

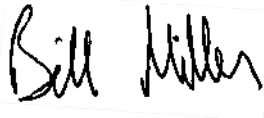
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February 20, 2025
Mr. Clarence Stewart

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Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County
Lindahl Township



April 14, 2025

Ms. Brenda Kutter
Lindahl Township Clerk-Treasurer
7769 106th Ave. NW,
McGregor, ND 58755

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Ms. Kutter,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

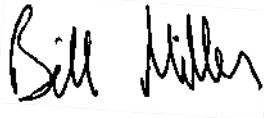
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April 14, 2025
Ms. Brenda Kutter

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Williams County
City of Tioga



February 20, 2025

Mr. Dan Larson, Community Service Director
City of Tioga
16 1st St NE
PO Box 218
Tioga, ND 58852

Via Email: CommunityServices@cityoftioga.com

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Larson,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

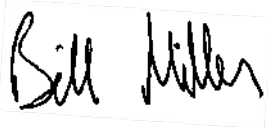
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Township	Range	Sections within 1-mile-wide Study Area
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158 North	95 West	23, 24, 25, 26, 35, 36

ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. Dan Larson

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Dan Larson](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); [Miller, Bill P.](#)
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Wednesday, March 5, 2025 9:23:01 AM
Attachments: [image004.png](#)

Some people who received this message don't often get email from communityservices@cityoftioga.com. [Learn why this is important](#)

EXTERNAL MESSAGE

Ariana,

Thank you for the information regarding the ONEOK's Tioga Extension Project. After reviewing the projects location, of which vast majority is beyond the City of Tioga's Jurisdiction there are NO concerns or Permits needed from the City of Tioga. Thank you

Dan Larson
Community Services Director
CommunityServices@CityofTioga.com
Office: (701) 664-2807 opt 4
Cell: (701) 641-2461

From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Thursday, February 20, 2025 6:04 PM
To: Dan Larson <CommunityServices@cityoftioga.com>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; Miller, Bill P. <bill.miller@oneok.com>
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Dear Mr. Larson,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Ariana Rodriguez
Consulting Senior Associate, Capital Project Delivery
She/Her/Hers

Minneapolis
810.241.9723

erm.com



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North Dakota Industrial Commission
Transmission Authority



February 20, 2025

Mr. Claire Vigesaa, Executive Director
North Dakota Industrial Commission Transmission Authority
600 East Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Via Email: Claire.Vigesaa@NDTransmissionauthority.com

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Vigesaa,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

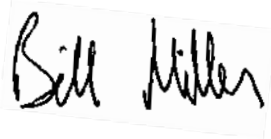
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February 20, 2025
Mr. Claire Vigesaa

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Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a light gray rectangular box.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Vigesaa, Claire](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); bill.miller@oneok.com
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Thursday, February 20, 2025 7:42:37 PM
Attachments: [image001.png](#)
[image002.png](#)

You don't often get email from cvigesaa@nd.gov. [Learn why this is important](#)

EXTERNAL MESSAGE

Ariana,

I am pleased to express our support of ONEOK's Tioga Extension Project. Further, we appreciate ONEOK's massive investment in North Dakota and all you do for our communities, state and nation! You are appreciated.

Best Regards,

Claire

Claire Vigesaa, Executive Director
North Dakota Transmission Authority
406-489-3881

From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Thursday, February 20, 2025 5:32 PM
To: Vigesaa, Claire <cvigesaa@nd.gov>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

You don't often get email from ariana.rodriguez@erm.com. [Learn why this is important](#)

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

Dear Mr. Vigesaa,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

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Sincerely,

ERM



Ariana Rodriguez

Consulting Senior Associate, Capital Project Delivery

She/Her/Hers

Minneapolis
810.241.9723

erm.com

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This e-mail and any attachments may contain proprietary, confidential and/or privileged information. No confidentiality or privilege is waived or lost by any transmission errors. This communication is intended solely for the intended recipient, and if you are not the intended recipient, please notify the sender immediately, delete it from your system and do not copy, distribute, disclose, or otherwise act upon any part of this email communication or its attachments. To find out how the ERM Group manages personal data please review our [Privacy Policy](#)

North Dakota Industrial Commission
Pipeline Authority



February 20, 2025

Mr. Justin Kringstad
North Dakota Industrial Commission Pipeline Authority
600 East Boulevard Ave. Dept. 405
Bismarck, ND 58505-0840

Via Email: jjkringstad@ndpipelines.com

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Kringstad,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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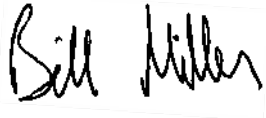
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Justin Kringstad

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Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

North Dakota Department of Environmental Quality



February 20, 2025

Mr. David Glatt, P.E., Director
North Dakota Department of Environmental Quality
4201 Normandy Street
Bismarck, ND 58503-1324

Via Email: dglatt@nd.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Glatt,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

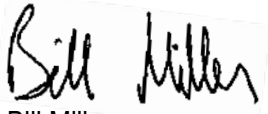
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February 20, 2025
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Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

VIA EMAIL:
Bill.Miller@oneok.com

March 14, 2025

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Re: Tioga Extension Project in Williams County

Dear Mr. Miller:

The North Dakota Department of Environmental Quality (Department) has reviewed the information concerning the above-referenced project received at the Department on February 20, 2025, with respect to possible environmental impacts.

1. Necessary measures should be taken to minimize fugitive dust emissions created during construction activities. Any complaints that may arise should 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. Oil and gas projects disturbing one or more acres are required to obtain a permit to discharge stormwater if runoff from the project will carry eroded material to a water of the state. A permit is not required for oil and gas projects if runoff from the project will not carry eroded material to a water of the state. Projects involving temporary dewatering or hydrostatic testing also are required to have a permit to discharge. Further information on the stormwater permit and temporary dewatering and hydrostatic testing permit may be obtained from the Department's website or by calling the Division of Water Quality at 701-328-5210. In addition, cities or counties may impose additional requirements and/or specific best management practices for construction affecting their storm drainage system. Check with the local officials to be sure any local stormwater management considerations are addressed.

4. All solid waste materials must be managed and transported in accordance with the state's solid and hazardous waste rules. Appropriate efforts to reduce, reuse and/or recycle waste materials are strongly encouraged. As appropriate, segregation of inert waste from non-inert waste can generally reduce the cost of waste management. Further information on waste management and recycling is available from the Department's Division of Waste Management at 701-328-5166.
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.

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

Sincerely,



Karl Rockeman, P.E., Deputy Director
North Dakota Department of Environmental Quality

KR:ll
Attach.

Construction and Environmental Disturbance Requirements

The following are the minimum requirements of the North Dakota Department of Environmental Quality (Department) for projects that involve construction and environmental disturbance in or near waters of the State of North Dakota. They ensure that minimal environmental degradation occurs as a result of construction or related work which has the potential to affect waters of the state. All projects must be constructed to minimize the loss of soil, vegetative cover, and pollutants (chemical or biological) from a site.

Soils

Prevent the erosion and sediment loss using erosion and sediment controls. Fragile and sensitive areas such as wetlands, riparian zones, delicate flora, and land resources must be prohibited against compaction, vegetation loss and unnecessary damage.

Surface Waters

All construction must be managed to minimize impacts to aquatic systems. Follow safe storage and handling procedures to prevent the contamination of water from fuel spills, lubricants, and chemicals. Stream bank and stream bed disturbances must be contained to minimize silt movement, nutrient upsurges, plant dislocations, and any physical chemicals, or biological disruption. The use of pesticides or herbicides in or near surface waters is allowed under the Department's pesticide application permit with notification to the Department.

Fill Material

Any fill material placed below the ordinary high-water mark must be free of topsoil, decomposable materials, and persistent synthetic organic compounds, including, but not limited to, asphalt, tires, treated lumber, and construction debris. The Department may require testing of fill material. All temporary fills must be removed. Debris and solid waste must be properly disposed or recycled. Impacted areas must be restored to near original condition.

North Dakota Geological Survey



February 20, 2025

Edward C. Murphy
North Dakota State Geologist
600 E Boulevard Avenue, Dept. 474
Bismarck, ND 58505-0614

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Murphy,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

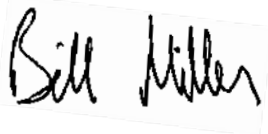
ONEOK respectfully submits this letter to the North Dakota Geological Survey (NDGS) as notification of the proposed Project and to request review of the 1-mile-wide Project Study Area for any NDGS interests or concerns. As part of our desktop review, ONEOK did not identify any abandoned mines (North Dakota Geographical Information System Data Portal), nor landslide deposit areas (North Dakota Geological Survey Landslide Maps) crossed by the Project centerline. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included below.

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February 20, 2025
Mr. Edward Murphy

The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. ONEOK requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a white rectangular box.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Miller, Bill P.](#)
To: [Ariana Rodriguez](#)
Cc: [Eddie Zedaker](#); [Maddy Krumwiede](#)
Subject: FW: (External) N.D. Geological Survey Comments: ONEOK Bakken Pipeline - Tioga Extension Project
Date: Wednesday, March 5, 2025 4:17:54 PM
Attachments: [image001.png](#)

EXTERNAL MESSAGE

From: Anderson, Fred J. <fjanderson@nd.gov>
Sent: Wednesday, March 5, 2025 3:46 PM
To: Miller, Bill P. <Bill.Miller@oneok.com>
Subject: (External) N.D. Geological Survey Comments: ONEOK Bakken Pipeline - Tioga Extension Project

Mr. Miller-

We would not note any geologic concerns with the proposed route or within the project corridor.

Thank you for notifying us of your use of our landslide mapping area data in your review of the proposed project alignments.

If there are any additional questions, please contact us.

Regards,

Fred J. Anderson

Geologist

701.328.8000 (O) . fjanderson@nd.gov . www.dmr.nd.gov [dmr.nd.gov]

N O R T H
Dakota | Mineral Resources
Be Legendary.™

North Dakota Forest Service



February 20, 2025

Thomas Claeys
State Forester
North Dakota Forest Service
307 1st Street East
Bottineau, ND 58318-1100

Via Email: Thomas.claeys@ndsu.edu

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Claeys,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

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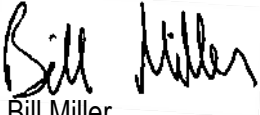
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ONEOK, Inc.
100 West Fifth Street
Tulsa, OK 74103
www.oneok.com

February 20, 2025
Mr. Thomas Claeys

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Sincerely,

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Bill Miller

Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Federal Bureau of Land Management



February 20, 2025

Bureau of Land Management
North Dakota Field Office
99 23rd Avenue West, Suite A
Dickinson, ND 58601

Via Email: BLM_MT_North_Dakota_FO@blm.gov

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

ONEOK has established a 1-mile-wide Project Study Area, and is soliciting information regarding any sensitive resources, development, property, or permits of relevance to your organization and the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK’s application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the Project Study Area is included below.

Tioga Extension Project Public Land Survey System Locations for Project Study Area		
Township	Range	Sections within 1-mile-wide Study Area
157 North	94 West	07, 18, 19
157 North	95 West	01, 02, 11, 12, 13, 14, 23, 24, 25, 26
158 North	94 West	30, 31
158 North	95 West	23, 24, 25, 26, 35, 36

February 20, 2025
Bureau of Land Management

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [McKenzie, Chelsie J](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#)
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Tuesday, February 25, 2025 3:27:11 PM

You don't often get email from cmckenzie@blm.gov. [Learn why this is important](#)

EXTERNAL MESSAGE

Good Afternoon,

Upon reviewing this project, it appears Bureau of Land Management managed lands are not involved, so we do not have any comments at this time.

Thank you

Chelsie McKenzie
Realty Specialist
Bureau of Land Management
North Dakota Field Office
99 23rd Avenue West, Suite A
Dickinson, ND 58601
Office: 701-227-7702
Cell: 701-502-1271

Military Aviation and Installation Assurance Siting
Clearinghouse



February 20, 2025

Military Aviation and Installation Assurance Siting Clearinghouse
3400 Defense Pentagon, Room 5C646
Washington, DC 20301-3400

Via Email: osd.dod-siting-clearinghouse@mail.mil

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

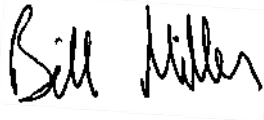
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February 20, 2025
Military Aviation and Installation Assurance Siting Clearinghouse

ONEOK respectfully requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

A handwritten signature in black ink that reads "Bill Miller". The signature is written in a cursive style and is contained within a thin black rectangular border.

Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

Twentieth Airforce Ninety-First Missile Wing
Minot Air Force Base



February 20, 2025

Mr. Cy Munos
Cable Affairs Officer
Twentieth Airforce 91st Missile Wing
Minot Air Force Base
196 Missile Avenue
Minot AFB, ND 58705

Via Email: cy.munos@us.af.mil

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Munos,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline extends from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

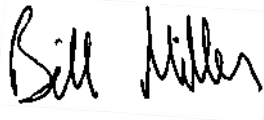
ONEOK respectfully submits this letter as notification of the proposed Project and requests a Project review from the U.S. Department of Defense, Air Force Cable Affairs regarding the location of intercontinental ballistic missiles and launch facilities within a 1-mile-wide study area surrounding the Project. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included on the next page.

February 20, 2025
Mr. Cy Munos

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ONEOK requests your reply within 30 days if you have comments regarding the Project or contact information for specific persons within your organization that should be included in future Project-related communications. ERM has been contracted by ONEOK to assist with the Project. Should you have questions or require additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or myself at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [MUNOS, CY I CIV USAF AFGSC 91 MMXS/MMXSFK](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); bill.miller@oneok.com
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Friday, February 21, 2025 8:26:35 AM
Attachments: [image001.png](#)
[image002.png](#)

EXTERNAL MESSAGE

Ariana,

The Minot AFB has no assets in the project area.

//SIGNED//

Cy Munos, CIV, USAF
Cable Affairs Officer, 91 MMXS/MMXSFK
Minot AFB ND
Comm: 701-723-6053
DSN: 453-6053
Work Cell: 701-720-8274

From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Thursday, February 20, 2025 5:43 PM
To: MUNOS, CY I CIV USAF AFGSC 91 MMXS/MMXSFK <cy.munos@us.af.mil>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com
Subject: [Non-DoD Source] ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

You don't often get email from ariana.rodriguez@erm.com. [Learn why this is important](#)

Dear Mr. Munos,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,

ERM



Ariana Rodriguez

Consulting Senior Associate, Capital Project Delivery

She/Her/Hers

Minneapolis
810.241.9723

erm.com

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Grand Forks Air Force Base



February 20, 2025

Grand Forks Air Force Base
319th Air Base Wing Public Affairs Office
701 Eielson St, Bldg. 607 Rm 211
Grand Forks AFB, ND 58204

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Sir or Madam,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

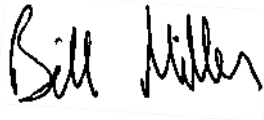
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February 20, 2025
Grand Forks Air Force Base

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Sincerely,

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Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [319 RW/PA Public Affairs](#)
To: [Ariana Rodriguez](#); [319 RW/PA Public Affairs](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); [Miller, Bill P.](#)
Subject: RE: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Friday, April 18, 2025 2:00:25 PM
Attachments: [image001.png](#)
[image002.png](#)

EXTERNAL MESSAGE

Ms. Rodriguez,

Thank you for seeking inputs from Grand Forks Air Force Base. After review, we do not have any comments to provide on your prospective project. Given the distance from the base and the intended work corridor, Grand Forks Air Force Base does not need to be included in additional notifications on this project.

Respectfully,
BREEANN R. SACHS, MSgt, USAF
Superintendent, Public Affairs
Acting Public Affairs Chief
319th Reconnaissance Wing
DSN: 747-5018; Cell: 701-213-9007

From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Friday, April 11, 2025 9:17 AM
To: 319 RW/PA Public Affairs <319RW.PA@us.af.mil>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; Miller, Bill P. <bill.miller@oneok.com>
Subject: [Non-DoD Source] ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

You don't often get email from ariana.rodriguez@erm.com. [Learn why this is important](#)

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ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



ERM

Sustainability is our business

Ariana Rodriguez

Consulting Senior Associate, Capital Project Delivery

She/Her/Hers

Minneapolis
810.241.9723

erm.com



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Western Area Water Supply Authority



February 20, 2025

Chris Brostuen, Chair
Western Area Water Supply Authority
1117 E Broadway
PO Box 2343
Williston, ND 58802

Via Email: waws@wawsp.com

RE: ONEOK Bakken Pipeline, L.L.C.
Tioga Extension Project
North Dakota Administrative Code Article 69-06-01-05 Notice and Request for Review

Dear Mr. Brostuen,

ONEOK Bakken Pipeline, L.L.C. (ONEOK), a wholly owned subsidiary of ONEOK, Inc., owns and operates natural gas liquids (NGLs) assets in North Dakota. ONEOK is proposing to construct an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline referred to as the Tioga Extension Project (Project). The pipeline will originate at Silver Hill County Line Gas Plant and terminate at the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Construction of the Project is scheduled to begin in August 2025 and will be completed in approximately 3-4 months, to begin service in November 2025.

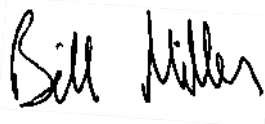
It is our understanding that the Western Area Water Supply Authority (WAWSA) facilitates a regional approach to water needs of rural residents, communities, and industries in the region, and may also have relevant information regarding rural water supply systems and projects. ONEOK respectfully submits this letter as notification of the proposed Project and to request a review of the Project's 1-mile-wide study area for WAWSA-administered or managed projects or interests. The Project is subject to the authority of the North Dakota Public Service Commission (NDPSC) under the Energy Conversion and Transmission Facility Siting Act, North Dakota Century Code chapter 49-22.1, and a copy of your response will be included in ONEOK's application for a Certificate of Corridor and Route Permit, which will be filed with the NDPSC later this year. Overview maps showing the Project pipeline and facilities are enclosed for your reference. A table displaying locational information for the 1-mile-wide Project Study Area is included on the next page.

February 20, 2025
Mr. Chris Brostuen

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Sincerely,



Bill Miller
Environmental Project Manager
ONEOK Bakken Pipeline, L.L.C.

Enclosures: Project Overview Maps (aerial and topographic)

cc: Maddy Krumwiede and Eddie Zedaker, ERM

From: [Barke, Chris](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); bill.miller@oneok.com
Subject: ONEOK Bakken Pipeline, L.L.C. 0 Tioga Extension Project
Date: Friday, February 21, 2025 10:33:15 AM

Some people who received this message don't often get email from chris.barke@wawsp.com. [Learn why this is important](#)

EXTERNAL MESSAGE

Ariana,

I was forwarded over information regarding the future construction of the ONEOK Bakken Pipeline Tioga Extension Project. I have reviewed routing of this particular project and have found numerous areas that this pipeline will cross R&T rural distribution lines. ONEOK will have to work closely with R&T in facilitating crossing agreements and safe crossings as to not disrupt the distribution of their water supply. I am not sure if you need anything in particular at this time or just needed a review and response. Please let me know if you have any further questions or requests.

Thank you,

Chris Barke

Landowner Relations
Western Area Water Supply
O: 701-774-6605 Ext. 214
C: 701-570-0426

From: [Craig Haskins](#)
To: [Ariana Rodriguez](#)
Cc: [Maddy Krumwiede](#); [Eddie Zedaker](#); [Bill.Miller@oneok.com](#)
Subject: FW: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project
Date: Tuesday, February 25, 2025 9:57:26 AM
Attachments: [image002.png](#)
[image004.jpg](#)
[image005.jpg](#)
[WAWSA ONEOK Tioga Extension 2025-02-20.pdf](#)
[ONEOK.PNG](#)
[Crossing Permit 2024.pdf](#)

Some people who received this message don't often get email from haskinsrtwater@nccray.net. [Learn why this is important](#)

EXTERNAL MESSAGE

Good Morning Ariana,

I was forwarded your email from WAWSA.

R&T Water District is the owner of the rural water lines in your project area. I have attached a screenshot of our water lines in the project area. I put a purple line through each spot of the approximate crossing.

R&T requires a crossing agreement to be completed for each crossing. I have attached the crossing agreement for you review.

Please let me know if you have any questions.

Thank you,
Craig

Craig Haskins | General Manager
R&T Water District
6392 114th Ave NW | Ray ND 58849
C. 612-419-2311
haskinsrtwater@nccray.net



From: Ariana Rodriguez <ariana.rodriguez@erm.com>
Sent: Thursday, February 20, 2025 6:00 PM
To: Western Area Water Supply Authority <waws@wawsp.com>
Cc: Maddy Krumwiede <maddy.krumwiede@erm.com>; Eddie Zedaker <eddie.zedaker@erm.com>; bill.miller@oneok.com
Subject: ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project

Dear Mr. Brostuen,

On behalf of ONEOK Bakken Pipeline, L.L.C. (ONEOK), please see the attached consultation letter requesting review of ONEOK's Tioga Extension Project (Project). The Project involves constructing an approximate 7.6-mile-long, 6-inch-diameter natural gas liquids pipeline extending from the Silver Hill County Line Gas Plant to the ONEOK Tioga Lateral meter station within the Hess Tioga Plant in Williams County, North Dakota. Due to Project schedule, we are respectfully requesting a review of the materials within 30 days.

If you have any questions or need additional information, please contact Maddy Krumwiede of ERM at 612-347-7106 or maddy.krumwiede@erm.com, or Bill Miller of ONEOK at 612-257-3481 or Bill.Miller@oneok.com.

Sincerely,



Ariana Rodriguez
Consulting Senior Associate, Capital Project Delivery
She/Her/Hers

Minneapolis
810.241.9723

erm.com

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EXHIBIT G ENVIRONMENTAL PERMIT TABLE



ONEOK Bakken Pipeline, L.L.C. - Tioga Extension Project			
Permit Summary			
Agency	Permit / Approval	Resource	Permit Status
Federal Permits			
U.S. Army Corps of Engineers (USACE) - Omaha District	Nationwide Permit (NWP) 12 - Utility Line Activities	Waters of the U.S.	N/A - The Project will not have dredge or fill impacts to waters of the United States
U.S. Fish and Wildlife Service (USFWS)	Compliance with Section 9 of the Endangered Species Act	Protected Species	Consultation request to the USFWS submitted 12 March 2025. Response received on April 2, 2025 states USFWS does not expect the Project as designed will result in incidental take of listed species under Section 9 of the ESA.
U.S. Fish and Wildlife Service (USFWS)	Wetland Easement	Wetlands	The Project is continuing to coordinate with USFWS, and avoid wetlands under USFWS easement via routing, workspace design, or HDD/bore.
State Permits (North Dakota)			
North Dakota Public Service Commission (PSC)	Certificate of Corridor Compatibility and Route Permit	Siting of Project Corridor / Route	Application to be submitted April 2025.
State Historic Society of North Dakota (SHPO)	Cultural Resources Consultation (Section 106 National Historic Preservation Act)	National Register of Historic Places - eligible cultural resources	Class I Cultural Resources Report was submitted to North Dakota SHPO on 12 March 2025. ONEOK received correspondence concurring with the project route with construction avoidance stipulations on March 13 and 18, 2025.
North Dakota Department of Trust Lands	License to Cross School Trust Lands	School Trust Lands	Right-of-way permits will be obtained prior to construction and filed with the NDPSA upon receipt.
North Dakota Department of Environmental Quality (NDDEQ) - Division of Water Quality	General Permit for Temporary Dewatering / Hydrostatic Testing NDG07-0000	Waters of the State / Trench Dewatering / Hydrostatic Discharge	Applicability to be determined pending finalization of the hydrostatic testing plan. If required, application to be submitted at least 30 days prior to discharge activities.
NDDEQ - Division of Water Quality	North Dakota Pollution Discharge Elimination System (NDPDES) General Stormwater Permit NDR10-0000	Waters of the State / Construction Stormwater	North Dakota recognizes federal Clean Water Act Section 402(j)(2), which exempts oil and natural gas projects from obtaining construction stormwater permit coverage. As such, ONEOK does not require this permit; however, ONEOK has developed a Stormwater Pollution Prevention Plan (SWPPP) which will be utilized during construction activities.
NDDEQ - Division of Water Quality	Section 401 Water Quality Certification	Waters of the State - Water Quality	N/A - The Project will not have dredge or fill impacts to waters of the United States
North Dakota State Water Commission (NDSWC)	Temporary Water Permit	Waters of the State - Appropriation	ONEOK is currently reviewing its options for sourcing water for dust control, drilling mud, and hydrostatic testing. If surface or ground waters will be utilized, ONEOK will submit an application for a Temporary Water Permit with NDSWC at least 2 weeks prior to appropriating water.
North Dakota Department of Transportation (NDDOT)	Utility Occupancy Permit	NDDOT managed highways and roads	To be obtained prior to construction.
Local/County Permits			
Western Area Water Supply Authority (WAWSA)	Crossing Permit	Crossing of WAWSA-managed water supply lines	Crossing permits will be obtained prior to construction and filed with NDPSA upon receipt.
Williams County Weed Board	Weed Management Plan	State- and county-listed noxious weeds	County does not currently have formal permit program for control of noxious weeds. ONEOK has developed a Weed Management Plan to control spread of state- and county-listed noxious weeds per state law.
Williams County Road Department / Engineer	Road/Section Line Crossing Permits	Crossing of Public Roads and Section Lines	To be obtained prior to construction.