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April 27, 2012

**VIA HAND DELIVERY**

**PUBLIC SERVICE COMMISSION**

Mr. Darrell Nitschke  
Executive Secretary  
North Dakota Public Service Commission  
600 E. Boulevard, Dept. 408  
Bismarck, ND 58505-0480

**RE: Minnkota Power Cooperative, Inc.  
345 kV Transmission Line – Center  
to Grand Forks – Siting Application  
Case No. PU-09-670**

Dear Mr. Nitschke:

Enclosed herewith for filing in connection with the above-referenced matter are copies of the following permits and/or approvals:

1. Finding of No Significant Impact, issued by the Rural Utilities Service (the Environmental Assessment was previously provided in Appendix D to the Certificate of Corridor Compatibility Application, filed on February 18, 2011);
2. Special Use Permit, issued by the Bureau of Reclamation, with accompanying letter dated March 30, 2012;
3. State Sovereign Land Permit Nos. S-1755, S-1756, S-1757 and S-1758, issued by the State Water Commission, with accompanying letter dated March 26, 2012;
4. Conditional Use Permits, issued by Griggs, Foster, Nelson, McLean, Grand Forks and Sheridan Counties, and Sharon Township (in Steele County), Loretta Township (in Grand Forks County), and Addie Township (in Griggs County) (please note that Foster County issued a Building Permit and Grand Forks County issued a Special Use Permit, which are their equivalent to a Conditional Use Permit);
5. Building Permit and Zoning Variance, issued by Addie Township (in Griggs County);
6. Letter Authorization from Eddy County, dated September 7, 2011;
7. Letter from the Natural Resources Conservation Service regarding Farmland Conversion Form AD-1006; and
8. Determinations of No Hazard from the Federal Aviation Administration.

A CD containing a copy of the above-referenced documents and this letter in PDF format is also enclosed.

Mr. Darrell Nitschke  
April 27, 2012  
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Should you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script, appearing to read "Mike Hennes".

Mike Hennes  
System Projects Manager  
Minnkota Power Cooperative  
(701) 795-4352

Encl.

cc: Mr. Jerry Lein (*w/ encl. – via e-mail*)  
Mr. Brian Hunker (*w/o encl. – via e-mail*)  
Ms. Mollie M. Smith (*w/o encl. – via e-mail*)

**FINDING OF NO SIGNIFICANT  
IMPACT**

**CENTER TO GRAND FORKS 345 KV  
TRANSMISSION LINE PROJECT  
OLIVER, BURLEIGH, MCLEAN, SHERIDAN, WELLS, FOSTER,  
EDDY, GRIGGS, NELSON, STEELE AND GRAND FORKS  
COUNTIES, NORTH DAKOTA**

**MINNKOTA POWER COOPERATIVE, INC.**

**ENGINEERING AND ENVIRONMENTAL STAFF  
RURAL UTILITIES SERVICE**

**February 2012**

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

**A. INTRODUCTION**

The Rural Utilities Service (RUS) has received a request from Minnkota Power Cooperative, Inc. (Minnkota) to construct, operate and maintain approximately 250 miles of 345 kV transmission line in North Dakota. The transmission line would extend between the existing Center 345 kV Substation located about one mile east of the Milton R. Young Generation Station near Center, North Dakota, and the existing Prairie Substation located west of Grand Forks, North Dakota. The proposal is called the Center to Grand Forks 345 kV Transmission Line Project (Project) and will be located in Oliver, Burleigh, McLean, Sheridan, Wells, Foster, Eddy, Griggs, Nelson, Steele, and Grand Forks Counties, North Dakota.

RUS is considering providing financial assistance to Minnkota for construction, thereby making the proposed Project an action subject to review under the National Environmental Policy Act of 1969 (NEPA) (U.S.C. 4231 et seq.), the Council on Environmental Quality's (CEQ) regulations for implementing NEPA (40 CFR Parts 1500-1508), and RUS' NEPA implementing regulations, Environmental Policies and Procedures (7 CFR Part 1794), and an undertaking subject to review under Section 106 of the National Historic Preservation Act (NHPA), 16 U.S.C. § 470f, and its implementing regulations, "Protection of Historic Properties" (36 CFR Part 800). After completing an independent analysis of an EA prepared by Minnkota and its environmental consultant, HDR Engineering, Inc., RUS concurred with its scope and content. In accordance with 7 CFR § 1794.41, RUS adopted the report and issued it as the agency's EA for the proposed Project. RUS finds that the EA is consistent and meets the standards for an adequate assessment. Minnkota published a newspaper notice, announcing the availability of the EA for public review, in accordance with 7 CFR § 1794.42.

**B. PURPOSE AND NEED**

Minnkota's load growth over the past years has increased at a rate of 2.9 % annually. Future load growth is expected to grow at approximately 1.9 % annually. Base load generation is needed to meet this growth. In order to meet this need, Minnkota entered into an agreement with Minnesota Power and Square Butte Electric Cooperative to exchange its rights to the DC transmission line for additional base load capacity in the Milton R. Young Generation Station Unit 2. These arrangements were approved by RUS on December 23, 2009. Because the DC line will no longer be available to Minnkota to carry generation to its eastern North Dakota and western Minnesota service areas, a new transmission line is required. The proposal will provide a direct link from its base load generation in western North Dakota to its eastern service territory. In addition it will provide a major system improvement to the regional transmission grid and provide support for future wind development in the area. RUS has

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

reviewed the Alternative Evaluation Study and determined that the proposed project will meet the present and future needs of Minnkota.

**C. PROJECT DESCRIPTION**

The proposed Project would consist of the following major components:

**345 kV High Voltage Transmission Line**

The proposed Project consists of approximately 250 miles of new, high-voltage alternating-current (AC) transmission line to run from the existing Center 345 kV Substation located one mile east of the Milton R. Young Generation Station and 4.5 miles southeast of the town of Center in Oliver County, to the existing Prairie Substation located about 0.5 mile west of the city of Grand Forks in Grand Forks County. A crossing of the Missouri River in central North Dakota would be required. The proposed Project would deliver energy from existing base load generation to Minnkota's cooperative members. While final engineering and design have not been completed, the line would mostly be constructed with self-supporting, single pole self-supporting weathering tubular steel structures. Typical structures would be approximately 140-feet-high and placed approximately 1,000-feet apart. The typical right-of-way (ROW) for a single pole 345 kV line would be approximately 150-feet-wide, with a 250-foot-wide ROW required at the Missouri River span. Typical monopole structure would have about 78.5 square feet of permanent impact (10 foot diameter base). Temporary access road within the ROW may be required to access the proposed structure locations. No permanent access road would be located within the ROW.

It is anticipated that each phase wire would consist of bundled conductors composed of two 959.6 kcmil (thousand circular mils) Suwannee trapezoidal wire (TW) type aluminum conductor steel reinforced (ACSR) cables. Each conductor has an outside diameter of 1.1 inches. The trapezoidal configuration of the aluminum strands allows more capacity than in an equal diameter conductor of standard ACSR design. Suwannee TW type ACSR consists of seven steel wires at the center surrounded by 22 trapezoidal shaped aluminum strands. The trapezoidal configuration of the aluminum strands reduces air gaps between strands. Two shield wires, also known as lightning protection wires, are planned. On one side, the shield wire would be fiber optic ground wire (OPGW), and, on the other side, the shield wire would be 0.5-inch Extra High Strength steel cable. OPGW consists of 24 strands of single mode fiber optics conductors in a steel tube wrapped with ten strands of steel wire around the fiber optic tube. Table 1 outlines typical characteristics of a 345 kV transmission line structure.

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

**Table 1. Typical Characteristics of 345 kV Transmission Line Structures**

345 kV Transmission Line	Details
Voltage (kV)	345 kV
ROW width (feet)	150
Approximate Span length (feet)	1,000
Range of structure heights (feet)	95 - 180
Number of structures per mile	5 - 7
Minimum ground clearance beneath conductor (feet)	35 - 40
Depth of concrete footings for the poles (feet)	30 - 40
Diameter of concrete footings for the poles (feet)	7 - 10
Average area of permanent disturbance per structure (square feet)	78.5

**Center 345 kV Substation Upgrades**

The Center 345 kV Substation is located about 4.5 miles southeast of the town of Center, North Dakota and about 1 mile east of the Milton R. Young Generation Station in Oliver County. Most upgrades would occur within the existing substation's fenced boundary (ownership shared with Otter Tail Power Company). This would involve installing new 345 kV circuit breakers, 345 kV dead-end structures, one new and one replacement 345/230 kV transformer and associated bus work, new 345 kV switches and associated foundations, steel structures, and control panels. A line reactor for open line voltage control would also be required. The reactor would require a 22,500-square-foot (0.5 acre) expansion to the north end of the substation, beyond the existing fenced boundary but on Minnkota-owned property.

**New 230 kV Tie Line**

This approximately 1,500-foot-long 230 kV Tie Line would parallel the existing tie line on Minnkota-owned property. It would be needed to complete a second transmission-to-transmission interconnection between the Square Butte 230 kV Substation and the Center 345 kV Substation. The Square Butte 230 kV Substation is located approximately 0.2 miles south of the Center 345 kV Substation. Figure 1 shows the location of the Center 345 kV Substation as the western end point for the proposed Project. The 230 kV Tie Line and Square Butte 230 kV Substation are near the Center 345 kV Substation.

**Existing 230 kV Tie Line Upgrades**

The existing Square Butte 230 kV Substation to Center 230 kV Substation Tie Line modifications will include: terminating the existing line to the new T2 terminal at the Center Substation, new 1272/Pheasant aluminum conductor, steel overhead ground wire and associated line hardware, installing 1 new dead-end structure for

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
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T2 terminal location, removal of an existing dead-end structure at the T1 terminal location. All work will occur on Minnkota-owned property.

**Square Butte 230 kV Substation Upgrades**

The Square Butte 230 kV Substation is located about 4.5 miles southeast of the town of Center, North Dakota, and about 1 mile east of the Milton R. Young Generation Station in Oliver County. Existing 230 kV circuit breakers and line terminal equipment would be re-allocated from the existing high-voltage direct-current (HVDC) tie line to the new 345 kV interconnect as part of the agreement with Minnesota Power. This activity would be completed within the existing substation footprint.

**Prairie Substation Upgrades**

The Prairie Substation is located within the city limits of Grand Forks, North Dakota in Grand Forks County. All upgrades would occur within the fenced boundary of the existing Minnkota-operated substation. This would involve installing new 345 kV circuit breakers, 345 kV dead-end structures, one new and one relocated 345/230 kV transformer and associated bus work, new 345 kV switches and associated foundations, steel structures, and control panels. New 230 kV circuit breakers would be added to accommodate interconnecting with the existing 230 kV ring bus.

**Fiber Optic Regeneration Stations**

Four fiber optic regeneration stations would be required along the proposed route to re-amplify the protection and control signals carried in the OPGW. The stations would be placed about 50-55 miles apart. Permanent access roads would be constructed for each fiber optic regeneration station. Each station would require a permanent area of about 50-foot by 50-foot (2,500 sq ft total) that would be leveled, graveled, and have a perimeter fence. The station would have a small 10-foot by 15-foot (150 sq ft total) heated and air-conditioned control building to house the electronic equipment, a battery bank for backup power, and a 20-foot-wide permanent access road. These four stations would be placed at the base of a structure within the ROW.

**Table 2. Fiber Optic Regeneration Stations for the Proposed Project**

Station #	County	Public Land Survey Location	Township	Access Road Length (feet)
1	Sheridan	T146N, R78W, Section 7, NE	Pickard	100
2	Wells	T147N R70W Section 5, NE	South Cottonwood	60
3	Foster	T147N R63W Section 13, SE	Florance	66
4	Grand Forks	T150N R56W Section 35, SE	Logan Center	65

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**Temporary Laydown Areas**

There are eight temporary laydown areas planned for the proposed Project. Minnkota would have three laydown areas located on property currently owned and utilized by Minnkota for its operations. Laydown areas 1A and 1B would be located at the Center 345 kV Substation and laydown area number 7 would be located near the Prairie Substation on property that is currently utilized by Minnkota as a laydown area and equipment yard (indicated in Table 3).

Five temporary lay down areas may be established for the proposed Project and each would temporarily impact approximately 10 acres. Table 3 outlines the location of the lay down areas. These areas were selected for their location, access, security, ability to efficiently and safely warehouse supplies and in an effort to minimize excavation and grading.

The laydown areas would be leveled (if necessary), graveled, and may have a perimeter fence. Erosion and sediment control best management practices would be utilized for sites in close proximity to wetlands. Construction office trailers may be located within the laydown areas. The laydown areas would accept delivery of and store equipment and materials necessary to construct the new transmission line facilities, and would be an area for pre-assembly work and to potentially locate portable concrete batch plant sites. Areas disturbed as a result of establishing the laydown area would be restored to pre-construction condition or per landowner agreement.

**Table 3. Laydown Areas for the Proposed Project**

Laydown Area ID	Laydown Area Size (Acres)	Public Land Survey Location	Comment
1A (Milton R. Young Station property)	5	T141N, R83W, Section 5	Existing Minnkota laydown area
1B (Center 345 kV Substation)	10	T142N, R83W, Section 33	Existing Minnkota-owned land
2	10	T148N, R73W, Section 36	Temporary on private land
3	10	T147N, R66W, Section 7	Temporary on private land
4A, 4B, 4C,	10, 2, 2	T147N, R65W, Section 4	Temporary on private land
5	10	T147N, R60W, Section 20	Temporary on private land
6	10	T149N, R55W, Section 6	Temporary on private land
7 (Prairie Substation)	20	T151N, R51W, Section 12	Existing Minnkota laydown area

**Relocation of Transmission Line Structures at Center 345 kV Substation**

Relocation of an existing Minnkota-owned transmission line section and addition of new structures would facilitate the addition of a second tie line between the Center 345 kV Substation and the Square Butte 230 kV substation. All relocated

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structures would occur on Minnkota-owned property. Currently, Minnkota is in negotiation regarding the work details with the other utilities that use this substation. This work may involve terminating the existing 230 kV Tie Line in a new bay within the substation. The new bay is approximately one span length south of the existing termination point. One structure will be removed and a new structure added and terminated at the new bay. The conductor will be replaced between structures.

#### **D. ALTERNATIVES EVALUATED**

##### **No Action**

The No Action Alternative, RUS would not provide financing assistance and/or Minnkota would not construct the proposed Project. This alternative would require Minnkota to pursue other methods to meet the purpose and need for this Project –see below.

##### **Alternatives Eliminated From Further Consideration**

System Alternatives that were eliminated from further consideration included construction of a new 230 kV Center-Grand Forks Transmission Line, construction of a new 345 kV Center-Fargo 345 kV Transmission Line, develop optional corridor concept for interconnections and undergrounding the transmission line. Based on present and future load serving needs, inadequate line capacity and high costs, these alternatives were eliminated from further consideration.

##### **Route Alternatives**

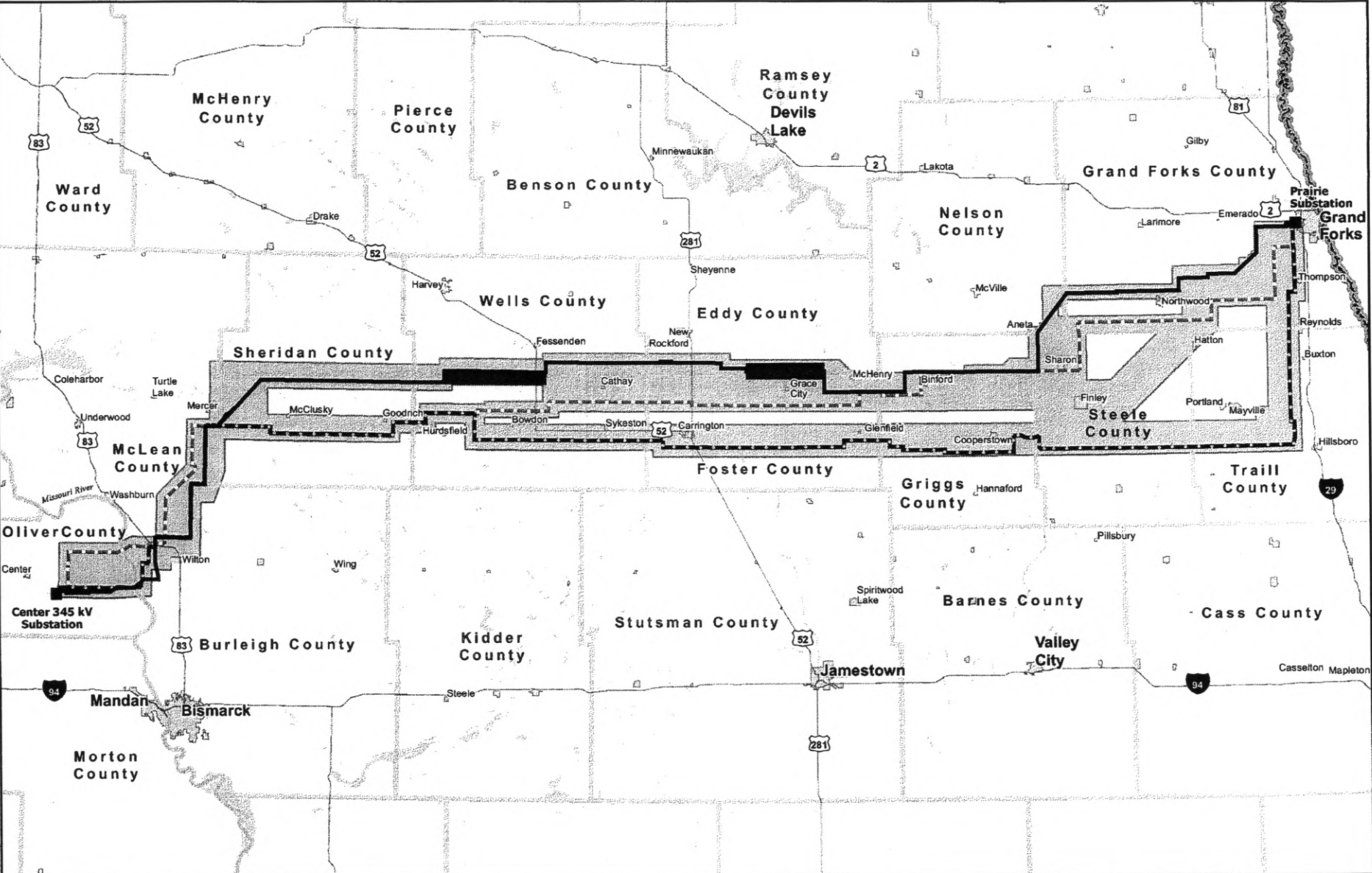
Potential route segments were identified and evaluated during the early development process. Thirty nine segments were eliminated from further consideration due to environmental and engineering constraints and public comments received during the scoping process. Three main route alternatives (A, B and C) were considered and evaluated during the review process (Refer to the Figure 1).

##### **Preferred Alternative**

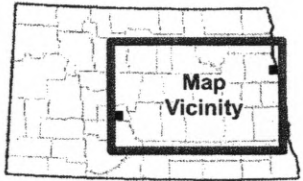
Under the preferred alternative, RUS would consider providing financing assistance for the proposal and Minnkota would construct, operate, and maintain the facilities as described in the project description section. Route A was identified as the environmental preferred corridor for the following reasons:

- Reduce impacts on residences
- Shortest length
- Fewest number of poles on farmed lands
- Reduced visual impacts and fewest number of large water body crossings
- Missouri River crossing near existing line crossings; and
- Best address public agency and tribal input.

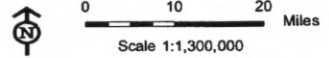
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**FIGURE 1.**  
 Revised EA Route Options  
 Center to Grand Forks Project  
 Minncota Power Cooperative, Inc.



- EA Route A (Revised)
- - - EA Route B
- ... EA Route C
- Project Substation
- ▨ Macro-Corridors



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A detailed description of the preferred alternative route is found in Attachment 1. RUS has reviewed the appropriate engineering and environmental studies and concluded that the proposal is a viable, economically feasible alternative to meet Minnkota's needs to ensure the overall reliability of the system and future load growth.

**E. SUMMARY OF NATIONAL ENVIRONMENTAL CONCERNS**

**Threatened and Endangered Species**

The U. S. Fish and Wildlife Service (USFWS) identified six federally listed threatened and endangered species and their habitats and two candidate species that may be present in the project area. The species include the interior least crane (Endangered), pallid sturgeon (Endangered), piping plover (Threatened), whooping crane (Endangered), gray wolf (Endangered), black-footed ferret (Endangered), Dakota skipper (Candidate) and the Sprague's pipit (Candidate). Based on the Biological Assessment (BA) and potential mitigation measures, RUS has made the following determinations with respect to threatened and endangered species:

- Interior Least Tern: May affect, is not likely to adversely affect;
- Piping Plover: May affect, is not likely to adversely affect;
- Whooping Crane: May affect, is not likely to adversely affect;
- Pallid Sturgeon: No effect;
- Gray Wolf: May affect, is not likely to adversely affect; and
- Black-Footed Ferret: No effect.

According to guidelines and recommendations by the USFWS, Minnkota has developed a line marking plan to minimize impacts to whooping cranes. The plan and associated BA is currently under review by the USFWS. Minnkota will implement the mitigation/conservation line marking measures as outlined in the BA and continue to revise the marking plan as necessary. Identification of distribution lines that will either be marked or undergrounded to meet USFWS recommendations will continue through 2014 if necessary. Therefore, based on the information available RUS has determined that the Project will not significantly impact threatened or endangered species.

**Important Farmland**

The proposed Project will impact important farmlands. Approximately 1,281 acres of prime farmland, 532 acres of prime farmland if drained and 544 acres of farmland of statewide importance are located within the rights-of-way. Approximately 312 acres will be temporarily disturbed during the construction process. However, only approximately 3 acres will be permanently lost for long term production. RUS has therefore determined that the proposed facilities will have a minor impact on the total number of acres of important farmlands that will be permanently impacted.

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

**Floodplains**

Floodplains will be spanned by the transmission line; nineteen intermittent and/or permanent surface waters will be crossed by the proposed Project. The majority of the floodplains located in the project area can be spanned. Based on the width of the Missouri River, three structures could be located in the 100-year floodplain. No transmission line structures will be located in the Missouri River. Structures should not impede the flow of water during a flooding event. Therefore, RUS has determined that the proposed facilities will have a little or no impact on floodplains in the project area.

**Wetlands**

Approximately 1,856 acres of wetlands are located along the preferred route. Wetland types include freshwater emergent wetlands (1,677 acres), freshwater forested/scrub wetlands (20.5 acres), freshwater ponds (63 acres), lakes (25 acres) and riverine (71 acres). Wetland impacts will be avoided or minimized during the final siting/staking of the final transmission line alignment. Several wetland and two grassland easements will be crossed by the proposed alignment. Most of these crossings will occur at the edge of the easements and therefore will have little permanent disturbance. Minnkota has applied for permits to cross these areas. The USFWS is in the process of reviewing the potential impacts and has issued an EA for the facilities. Once the review is complete, Minnkota should obtain the appropriate permits. The Army Corps of Engineers (USACE) will also have to issue a permit to cross the Missouri River. Minnkota will use Best Management practices during the construction and operation of the transmission line and associated facilities to protect wetland resources and minimize soil erosion. Therefore, RUS has determined that there will be a minimum impact to wetlands in the project area.

**Historic Properties/Cultural Resources**

A cultural resources literature search and records review was conducted by Minnkota and HDR Engineering, Inc. Fifty four archaeological sites were previously recorded within one mile of the proposed Route A centerline. No sites were identified as eligible for listing on the *National Register of Historic Places* (NHRP). The status of the remainder sites were determined to be unevaluated. A Programmatic Agreement (PA) was developed and executed on August 25, 2011, for the Project to establish the procedures for the phased identification and evaluation of historical properties during project construction.

HDR developed and implemented a predictive model to guide survey efforts for the Project. The route was divided into high, medium and low potential areas for the presence of historic properties. High and some medium areas were then subjected to a Class III survey. The high percentage of sites were found on hilltops with commanding views of the surrounding areas or elevated areas adjacent to water features. Twenty five previously unrecorded sites were identified during the Class III Cultural resource survey. Four sites were isolated finds and not considered eligible for listing on the NHRP. Two Addendums to

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

the Class II Survey have been completed. RUS has determined that no historic properties or significant sites would be affected. The North Dakota State Historic Preservation Officer (NDSHPO) has concurred with these findings. A total of 75 miles of the current route have been surveyed including all lay down areas. Thirty one new sites were identified. There will be no adverse effects to historic properties. It was determined that one historic architectural history site would have indirect adverse effects. The NDSHPO concurred with this determination. An acceptable mitigation plan has been developed and approved by all parties to mitigate the potential impacts. There are less than two miles of the route that remain for shovel test surveys. These surveys will be completed sometime this spring.

Tribal contacts were initiated with 17 Native American tribes to solicit their comment and concerns. None of the tribes identified properties of religious and cultural significance in the area, however concerns related to project construction on hill tops and at river crossings were identified. In addition, there were requests to re-evaluate sites that had been previously identified. Copies of all surveys completed have been sent to the Native American tribes for review and comment.

RUS has determined that the proposed Project will not impact historic properties listed or eligible for listing in the NRHP or any other cultural resources.

**Environmental Justice**

There was no evidence of areas with a concentration of low-income or minority populations that were identified through the scoping meetings and census information. The general public has been provided ample opportunity to comment on and effect the location of the Project through numerous public workshops and informational meetings. RUS has determined that the project will not result in a disproportionately high or adverse environmental impact on low income or minority populations in the area.

**F. PUBLIC INVOLVEMENT**

In order to solicit input from the appropriate agencies and the public, an agency meeting and six public scoping workshops were held prior to the development and preparation of the EA. The Notice of Intent to prepare the EA and Hold Public Workshops were published in the *Federal Register* on October 30, 2009. Public workshops were held in Grand Forks, Cooperstown, Carrington, McClusky, Wilton and Center, North Dakota. In addition to these workshops, several pre- and post scoping informational meetings were held during the environmental review process. Newspaper notices and advertisements appeared in the following papers: *New Rockford Transcript*, *Foster County Independent*, *The Bismarck Tribune*, *Grand Fork Herald*, *Center Republican*, *Lakota American*, *McClusky Gazette*, *McLean County Independent*, *Griggs*

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

*County Courier, Steele County Press, The Herald Press, The Fargo Forum, Steele Ozone and Kidder County Press and Trail County Tribune.*

The availability of the EA was announced in the abovementioned newspapers. The EA was mailed to Federal, State and local agencies and individuals for review and comment. In addition, the Environmental Assessment was made available for review in local libraries, Minnkota's headquarters and web site and the RUS web page. The comment period ended on January 31, 2008. The Agency comments and responses are summarized in the following table. All comments were addressed via meetings with the individuals, telephone conversations or by letter. No new environmental concerns were identified.

**G. RELATED AUTHORIZING ACTIONS**

- The USFWS must approve a grasslands and/or wetlands easement.
- The USACE must approve a permit to cross the Missouri River.
- The Public Service Commission must approve a Certificate of Corridor Compatibility and a Route Permit prior to construction of the Project.
- The Bureau of Reclamation (BOR) must approve a Special Use Permit to cross a Reclamation facility twice. Additional site-specific environmental measures may be required by the BOR.

**H. FINDING OF NO SIGNIFICANT IMPACT**

RUS has determined that the construction, operation and maintenance of the proposed Center-Grand Forks 345 kV Transmission Line and associated facilities will have no significant impacts on the following:

- Properties listed or eligible for listing on the *National Register of Historic Places*;
- Important farmland;
- Floodplains and wetlands;
- Existing land uses;
- Federally listed threatened or endangered species or their designated critical habitat;
- Air Quality;
- Critical wildlife habitat; and
- Water resources.

No other potential impacts resulting from the project have been identified. Therefore, RUS has determined that this Finding of No Significant Impact (FONSI) fulfills its obligations under the National Environmental Policy Act, as amended (42 §§U.S.C. 4321 *et seq.*), the Council on Environmental Quality Regulations (40 CFR §§1500-1508), and RUS's Environmental Policies and Procedures (7 CFR Part 1794) for its action related to the project.

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

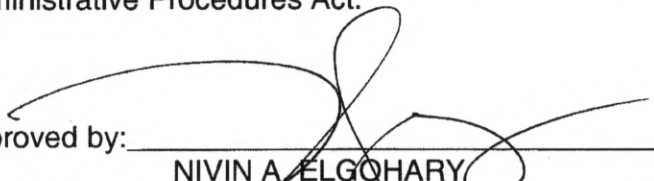
Regulations (40 CFR §§1500-1508), and RUS's Environmental Policies and Procedures (7 CFR Part 1794) for its action related to the project.

The NDSHPO has reviewed the Supplemental Addendums to the Cultural Resource Survey and has concurred with RUS's determinations of "no historic properties affected" and "no significant sites affected" for the proposed project. There are less than two miles of the preferred route left to be shovel tested which will occur as soon as weather permits. If the PSC modifies the proposed route in its final decision, additional survey work may be necessary. This phased approach will be done in accordance with the terms of the executed PA. Once the survey work is completed, the final archaeological report, along with RUS's determinations will be sent to the appropriate parties for review and concurrence. We anticipate that the Section 106 process will be concluded in late spring.

The decision of RUS is that the NEPA process has been satisfied with respect to a request for financing assistance from Minnkota for the construction of the Center-Grand Forks 345 kV Transmission Line and associated facilities. RUS is satisfied that the environmental impacts of the proposed project have been adequately addressed and, therefore, reaches a FONSI. Since RUS's Federal action will not result in significant impacts to the quality of the human environment, the preparation of an environmental impact statement related to the proposed project will not be prepared.

**I. RUS LOAN REVIEW AND RIGHT OF ADMINISTRATIVE REVIEW**

This FONSI is not a decision on Minnkota's loan application and therefore not an approval of the expenditure of federal funds. Issuance of the FONSI and its notices concludes RUS' environmental review process in accordance with NEPA and RUS' Environmental Policies and Procedures (7 CFR Part 1794). The ultimate decision as to loan approval depends upon conclusion of this environmental review process in addition to financial and engineering reviews. Issuance of the FONSI and publication of notices will allow for these reviews to proceed. The decision to provide financial assistance is also subject to the availability of loan funds for the designated purpose in RUS' budget. There are no provisions to appeal this decision (i.e., issuance of a FONSI). Legal challenges to the FONSI may be filed in federal district court under the Administrative Procedures Act.

Approved by:   
NIVIN A. ELGOHARY  
Assistant Administrator – Electric Program  
Rural Utilities Service

  
Date

**CENTER-GRAND FORKS 345 KV TRANSMISSION LINE PROJECT  
FINDING OF NO SIGNIFICANT IMPACT**

**ATTACHMENT 1  
REVISED ROUTE A DESCRIPTION**

## REVISED PREFERRED ROUTE DESCRIPTION – JANUARY 13, 2012 ROUTE

The following is a description of the proposed Route from west to east starting at the Center 345 kV Substation and ending at the Prairie Substation. The proposed Route is approximately 250-miles-long. The proposed Route proceeds diagonally northeast out of the Center 345 kV Substation for about 0.9 miles to the section line, through the North Dakota state permitting process this segment of the proposed Route was expanded about 1,000 feet southeast. Then the proposed Route proceeds due east along the section line for about 3.25 miles, then turns diagonally southeast on a cross-country path for about 0.5 miles, then proceeds east for approximately 0.75 miles, then northeast for about 0.5 miles to the section line. Through the North Dakota state permitting process this segment of the proposed Route was expanded about 0.5 miles to the south to the quarter section line. The proposed Route travels east along the section line for about 3 miles, then diagonals to the northeast for about 1 mile, then turns to travel east for almost 3 miles to the Missouri River. It crosses the Missouri River about 0.16 miles north of the existing HVDC transmission line on the west side of the river and about 0.5 miles north of the existing HVDC transmission line on the east side of the river. From the west side of the Missouri River, the proposed Route proceeds diagonally northeast for almost 2 miles, crossing State Highway 1804, then the proposed Route proceeds east along 279th Ave NE for about 2.25 miles. The proposed Route then proceeds north for about 0.75 miles before turning diagonally northwest for about 2 miles. The proposed Route then proceeds north for 3.75 miles along a section line with a one structure bend in the proposed Route near Yanktonai Lake, and then east for about 5.5 miles along a quarter-section line to within 0.5 miles west of State Highway 41.

The proposed Route proceeds north for about 8.5 miles along the quarter-section line about 0.5 miles west of State Highway 41, turns east for approximately 2 miles along State Highway 41, and follows State Highway 41 to the north for about 9 miles; within this segment, the proposed Route spans the McClusky Canal and Chain of Lakes Recreation Area. The proposed Route turns east for about 2 miles along 3rd St NW to the McLean/Sheridan County line. The proposed Route proceeds diagonally, cross-country for about 2.4 miles to 5th St NW; then turns east along 5th St NW for about 0.75 miles. Due to the North Dakota state permitting process this segment of the proposed Route was expanded approximately 1,000 feet northwest. The proposed Route travels diagonally, cross-country for about 7 miles, then diagonally northeast for 0.75 miles to the west side of 1st Ave NE in Sheridan County. At that point the proposed Route proceeds east (about 0.25 miles north of 10th St NE) for about 20.5 miles; within this segment, the proposed Route crosses the McClusky Canal and State Highway 14. The proposed Route turns south for about 0.25 miles to 10th St NE/the section line; then turns east along the section line for about 4 miles, before turning north for about 0.25 miles to go east for about 1 mile approximately 0.25 miles north of 10th St NE. The proposed Route turns south for about 0.25 miles to the section line, then travels east for about 2.25 miles along the section line to within 0.25 miles west of State Highway 3, and then proceeds north for about 1 mile to 11th St NE. The North Dakota state permitting process expanded this almost 28-mile-long segment of the proposed Route about 0.25 miles south to the section line. The proposed Route turns east along 11th St NE for about 6.75 miles, crossing State Highway 3, then turns north for about 1 mile on a quarter-section line to 12th St NE. The proposed Route turns east along 12th St NE for about 9 miles, crossing U.S. Highway 52; then turns north for about 1.5 miles on a quarter-section line between 44th Ave NE and 45th Ave NE. The North Dakota state permitting process expanded this nearly 16-mile-long segment of the proposed Route about 2 miles south to the section line. The proposed Route turns east along a quarter-section line between 13th St NE and 14th St NE for about 17.5 miles to 62nd Ave NE in Eddy County, crossing State Highway 30. The proposed Route turns north along 62nd Ave NE for about 0.5 miles, then turns east for about 1.5 miles, before turning south for about 0.5 miles to the quarter-section line. The North Dakota state permitting process expanded this 1.5-mile-long segment of the proposed Route about 0.5 miles north. The proposed Route turns east along a quarter-section line for about 8 miles to a quarter-section line between 71st Ave NE

and 72nd Ave NE, crossing U.S. Highway 281, where it turns south for about 1 mile to just north of the quarter-section line, and continues east for about 4 miles just north of the quarter-section line to where it turns south for about 0.5 miles to just north of the section line along 12th St NE (Foster/Eddy County line) where it travels approximately 12 miles to the east. The North Dakota state permitting process expanded this about 12-mile-long segment of the proposed Route about 1.5 miles north from the southern edge of the previous Route A and 1 mile south from the south edge of the previous Route A.

To bypass the towns of McHenry and Binford, the proposed Route goes south for approximately 3.25 miles, then east for about 12.5 miles along 3rd St NE/9th St NE (crossing State Highway 20), and north for about 3 miles to 12th St NE. Along 12th St NE, the proposed Route heads east for about 20.5 miles, across State Highway 1, Sheyenne River, and State Highway 45, to about 0.5 miles east of 120th Ave NE in Steele County where the proposed Route travels north for about 6 miles on the quarter-section to 18th St NE near Aneta. At Aneta, the proposed Route goes northeast, diagonally, cross-country for about 7.5 miles to 6th Ave NE in Grand Forks County. The proposed Route travels east along 6th Ave NE for about 7.75 miles, then north for about 0.2 miles along 41st St NE. The proposed Route then proceeds east for about 9.5 miles, crossing State Highway 18, and turns north for about 2 miles along the quarter-section line (about 0.5 miles west of 31st St NE). Then the proposed Route travels east about 200 feet north of 8th Ave NE for about 4.5 miles to 27th St NE. At 27th St NE, the proposed Route travels north for about 0.5 miles and then travels east for about 4.25 miles to the existing Western (Western Area Power Administration) 230 kV transmission line. Then, the proposed Route proceeds northeast, diagonally, cross-country for about 4 miles adjacent to the Western line ROW, then north for about 2.5 miles along the quarter-section line, approximately 0.5 miles west of 19th St NE, where it turns to go east along the 14th Ave NE section line for about 0.5 miles to 19th St NE. The proposed Route goes north for about 1.5 miles along 19th St NE to the quarter-section line between 15th Ave NE and 16th Ave NE. The North Dakota state permitting process expanded this almost 1.5-mile-long segment of the proposed Route along 19<sup>th</sup> St NE approximately 1,200 feet to the east to the section line. The proposed Route turns to go east along the quarter-section line for almost 4.5 miles. The North Dakota state permitting process expanded this approximately 4.5-mile-long segment of the proposed Route along the quarter-section line about 100 feet south. At 0.5 miles west of 14th St NE, the proposed Route heads north along the quarter-section line for about 0.75 miles to the south side of the existing 230 kV transmission line and then proceeds east along the south side of the existing transmission line for about 1.5 miles into the Prairie Substation.



IN REPLY REFER TO:

DK-6000  
LND-6.00

## United States Department of the Interior

BUREAU OF RECLAMATION  
Dakotas Area Office  
P.O. Box 1017  
Bismarck, North Dakota 58502

**MAR 30 2012**



Mr. Michael Hennes  
Minnkota Power Cooperative, Inc.  
P.O. Box 13200  
Grand Forks, ND 58208-3200

Subject: Special Use Permit 12-LM-60-1076 to Cross the McClusky Canal

Dear Mr. Hennes:

Enclosed is a copy of the signed special use permit allowing Minnkota Power Cooperative, Inc. to cross the McClusky Canal and place one pole on Bureau of Reclamation lands. The permit is valid for 25 years and may be renewed at the end of this period.

If you have any questions, please contact Walt Fairbanks at 701-221-1284 or Nathan Kraft at 701-221-1254.

Sincerely,

Joseph E. Hall  
Chief, Environmental and Resource Management

Enclosure

# RECLAMATION

Managing Water in the West

## Special Use Permit 12-LM-60-1076



**Project:** Minnkota Crossing McClusky Canal

**Expiration Date:** December 31, 2037

**Exhibits Attached:** Maps

**Permit Fee:** \$200

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**Permittee:**

Michael Hennes- Minnkota Power Cooperative, Inc.  
1822 Mill Road  
PO Box 13200  
Grand Forks, ND 58208-3200

**Purpose:** The permittee is granted permission to span the McClusky Canal in two locations with a single circuit 345-kilovolt transmission line. The permittee is allowed to place one pole on Reclamation lands, located on the east side of the canal at Section 7 T.147N. R.76W. The overhead transmission line is supported by a steel self supporting mono pole with concrete foundations without guy wires. Access to construct, maintain and operate the power line will be granted for the term of this permit. See attached general and special conditions.

**Description of Premises (legal description and major features, i.e. reservoir, canal):** 500 foot area of Section 23 & 26, T. 145 N., R. 79 W., McLean County, North Dakota. SE1/4 Section 7 T.147 N., R76 W., Sheridan County, ND as shown on the attached exhibit

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Sign name or names as written in body of permit. For co-partnership, permittees should sign as members of firm; for corporation the officer authorized to execute contracts, etc. should sign, with title the sufficiency of such signature being attested by the Secretary and with corporate seal, in lieu of witness.

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***The Permittee hereby accepts this permit subject to the terms, covenants, obligations, and reservations, expressed or implied herein***

**Assign/Managing Agency****Bureau of Reclamation**

Signature

*Richard L. Long*  
Richard L. Long

Name/Title

Area Manager - DKAO

Date

*3/29/12*

**Permittee(s)****Michael Hennes - Minnkota Power Inc.**

Signature

*Michael Hennes*  
Michael Hennes

Name/Title

System Projects Manager

Date

*3/19/12*

## GENERAL CONDITIONS

This permit is issued as authorized by Reclamation Law, and subject to all conditions contained herein.

**1. Payments.** All payments shall be made to the issuing office of the U.S. Bureau of Reclamation on or before the date of issue by a postal money order or a check made payable to the U.S. Bureau of Reclamation.

**2. Use Limitations.** The permitted use: (a) is limited to the purposes and premises herein specified; (b) does not unless specified in the permit grant any rights to water; (c) does not unless provided for in the permit allow restriction of public entry or uses or to the area; (d) is subject to existing easements, rights-of-way, or reservations; (e) is subject to the right of the Bureau to grant other permits for the same premises upon a finding by the Issuing Officer that the additional use is compatible with the use permitted herein; and (f) shall not impede the Bureau, its agents or assigns from carrying on whatever activities are necessary, to (1) protect and maintain the premises, facilities, and adjacent lands administered by the United States and its agencies and (2) manage all resources located on the premises and other Bureau lands.

**3. Damages.** The United States shall not be responsible for any loss or damage to property arising from the issuance of this permit, including but not limited to damages to growing crops, animals, and machinery; or injury to the permittee or its associates, officers, agents, employees, or any others who are on the premises; or for damages or interference caused by natural phenomena. The permittee agrees to save the United State or any of its assigns or agencies harmless from any and all claims for damages or losses that may arise from or be incident to any activity associated with this permit. The permittee also agrees to save the United States, its assigns and agencies, harmless from any damage to the permittee or third parties resulting from project activities of the Bureau, its agents and assigns.

**4. Operating Rules and Laws.** The permittee shall keep the premises in a neat and orderly condition at all times, and shall comply with all municipal, county, State and Federal laws, rules and regulations applicable to their operations under the permit. Also, the permittee shall take all reasonable precautions to prevent the escape of fires to suppress fires and shall render all reasonable assistance in the suppression of fires.

**5. Responsibility of Permittee.** The permittee, by operating on the premises, shall be considered to have accepted these premises with all the facilities, fixtures, or improvements in their existing condition as of the date of this permit. At the end of the period specified or upon earlier termination the permittee shall give up the premises in like condition as when received except for reasonable wear, tear, or damage occurring without fault or negligence. The permittee will fully repay the Bureau for any and all damage, directly or indirectly, resulting from the permittee's negligence or failure to use reasonable care.

**6. Revocation.** (a) Violation: This permit may be revoked on the tenth day following written notice to the permittee upon a finding by the Bureau of Reclamation that the permittee has violated any of the terms herein or made use of the premises for purposes not herein prescribed: Provided; That if said violation or non-prescribed use of the premises ceases within 10 days of receipt of notice, the permittee will be allowed to maintain occupancy under this permit.

(b) Non-use and project purposes: This permit may also be revoked with 30 days written notice to the permittee upon a finding by the Bureau of Reclamation that: (1) the permittee has failed to use or discontinued use of the premises, or (2) the premises are needed for project purposes.

(c) Possession: Upon any such revocation, the Bureau, by and through any authorized representative may take possession of said premises for its own and sole use in accordance with Section 10.

**7. Cultural Values.** Should evidence of historical, archaeological, or paleontological sites be discovered during use of the premises, the Permittee immediately shall suspend operations and advise the issuing officer.

**8. Compliance.** Failure of the Bureau to insist upon strict compliance with any of this permit's terms, conditions, and requirements shall not constitute a waiver or relinquish of the Bureau's right to thereafter enforce any of the permit's terms, conditions, or requirements.

**9. Termination.** At the termination of this permit, the permittee shall immediately give up possession to the Bureau, reserving, however, the rights specified in Paragraph 10. Upon failure to do so, the permittee shall pay the

Government, as liquidated damages, an amount double the rate specified in this permit, for the entire time possession is retained. The acceptance of any fee for liquidated damages or any other act of administration relating to the continued tenancy is not to be considered as an approval of the permittee's possession.

**10. Removal of Permittee's Property.** Upon the expiration, termination, or revocation of this permit, if all rental charges and damage claims due the Government have been paid, the permittee may remove all structures, machinery, or other property, from the premises. Upon failure to remove any of the said property within 60 days of expiration, termination, or revocation, it shall become the property of the United States, and the permittee shall pay the United States for all expenses related to property removal.

**11. Transfer of Privileges.** This permit is not transferable.

**12. Refunds.** All money paid under this permit shall be retained by the Government. If Section 6 (b) (2) is exercised, the fee paid under this permit shall be refunded by a prorata share, as determined by the Bureau of Reclamation.

**13. Official Barred from Participating.** No Member of Congress or Resident Commissioner shall participate in any part of this contract or to any benefit that may arise from it, but this provision shall not pertain to this contract if made with a corporation for its general benefit.

**14. Nondiscrimination in Employment.** The permittee agrees to be bound by the equal opportunity clause of Executive Order 11246.

**15. Liability.** The permitted activities shall be conducted so as not to interfere with the operation, maintenance, and administration of Reclamation Projects. Any additional repairs, maintenance, or expense to Reclamation Projects as a result of the permitted activities shall be reimbursed to the United States by the permittee. The Secretary of the Interior's determination of such expense shall be final and binding upon the parties hereto.

**16. Trespass.** Any use of the premises not herein prescribed shall be considered a trespass. Any violation or trespass on any Bureau lands by the permittee shall be cause for revocation of this permit, in accordance with Section 6. (a) The permittee shall be liable for any damages resulting therefrom and an approximate charge as determined by the issuing officer shall be made to the permittee. Any property constructed in trespass shall be considered property of the United States.

**17. Disclosure.** In accordance with the Privacy Act of 1974 (PL 93-579) please be advised that: (a) Participation is voluntary; however, failure to answer all questions fully may delay processing of this application or result in denial of this permit. (b) Information will be used as a criteria for the issuance of special use permits and for identification of personnel having special use permits on Bureau lands. (c) In the event there is indicated a violation of a statute, regulation, rule, order, or license, whether civil, criminal, or regulatory in nature, the requested information may be transferred to the appropriate Federal, State, or local agency charges with investigation or processing such violations.

**18. Security Requirements.** In accordance with the Bureau of Reclamation's Commissioner's Memorandum of May 30, 2002, the following security provisions shall be followed and apply: (a) All event activities will be disclosed to the local law enforcement agency via the Facility Manager as to the actual date(s), time, expected number of participants. (b) No individual shall be allowed within 100 feet of the facility and/or mission essential vulnerable areas without the written approval of the Facility Manager. (c) The Reclamation Field Office and administrative area bathroom facilities shall be off limits to all unauthorized individuals - as applicable. (d) The Bureau of Reclamation reserves the right to modify any security measures commensurate with the Office of Homeland Security Advisory System.

Work: 38 / File: bureau-2 / NA

## SPECIAL CONDITIONS

1. The canal is at risk of sliding at any time, extreme caution should be taken when entering the canal rights-of-way (ROW). Reclamation and the Garrison Diversion Conservancy District will not assume responsibility for any damage to the 345 kV transmission line due to normal canal operation and maintenance or landslides.
2. Upon advance notice from Reclamation, the Permittee will be responsible for possibly relocating the cable in the event that any excavation is needed to perform maintenance on the canal or associated structures.
3. Overhead wires across the canal ROW must have a minimum clearance of 40 ft. above all ground at an ambient temperature of 120 degrees Fahrenheit.
4. Minnkota Power Cooperative, Inc. will install and maintain fence line grounding to existing fencing.
5. Overhead warning signs must installed facing traffic that show the clearance and electrical line voltage.
6. Overhead electrical lines should cross perpendicular to the centerline of the canal
7. Power lines across the canal ROW must have avian avoidance and visibility enhancement devices installed.
8. Any disturbed areas must be repaired and seeded within 30 days of completion of installation.
9. Within 60 days completion of installation, the Permittee will provide the Bureau of Reclamation an as-built drawing identifying the location of the 345 kV transmission line.
10. If maintenance is required on the 345 kV transmission line located within the McClusky Canal ROW, the Permittee shall notify Reclamation before work commences.



# State of North Dakota

## Office of the State Engineer

900 EAST BOULEVARD AVE. • BISMARCK, ND 58505-0850  
701-328-2750 • FAX 701-328-3696 • <http://swc.nd.gov>

March 26, 2012

John T. Graves  
Minnkota Power Cooperative Inc.  
1822 Mill Road, P.O. Box 13200  
Grand Forks, ND 58208-3200

RE: Application S-1755, S-1756, S-1757, and S-1758, Construct a 345 kilovolt transmission line across the Missouri River, James River at two locations, and Sheyenne River.

Dear Mr. Graves:

Enclosed are your sovereign land authorizations to construct a transmission line across the Missouri River in Oliver and Burleigh Counties, the James River in Eddy and Wells Counties, and the Sheyenne River in Griggs County. No towers will be placed on sovereign lands and wires will be strung across the Missouri River with the use of a helicopter.

Construction will occur in the NW  $\frac{1}{4}$  NW  $\frac{1}{4}$  of Section 28, Township 142 North, Range 81 West, Oliver County and the NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Section 27, Township 142 North, Range 81 West, Burleigh County; the SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 3, Township 147 North, Range 72 West, Wells County; the SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 33, Township 148 North, Range 65 West, Eddy County; and the NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Section 6, Township 147 North, Range 58 West, Griggs County.

Also enclosed are copies of all the solicitation of views we received from other agencies on your project and a copy of NDDH "Construction and Environmental Disturbance Requirements". If you have any questions or if I can be of further assistance, please contact me at (701) 328-4935.

Sincerely,

Gerald R. Heiser  
Regulatory Section

GH:/1625  
Enclosure

Sovereign Land Permit No. S-1755

Permittee: **Minnkota Power Cooperative Inc.**  
1822 Mill Road  
P.O. Box 13200  
Grand Forks, ND 58208-3200

Location: **NW ¼ NW ¼ of Section 28, Township 142 North, Range 81 West, Oliver County and the NE ¼ NE ¼ of Section 27, Township 142 North, Range 81 West, Burleigh County**

Project Description:

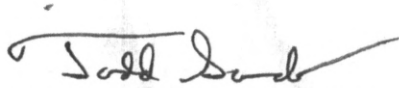
**The Permittee is hereby authorized to construct a transmission line across the Missouri River in Oliver and Burleigh Counties. Specifically, the applicant is constructing a 345 kilovolt transmission line from Center to Grand Forks. The line is routed to cross the Missouri River, James River at two locations, and the Sheyenne River. No towers will be placed on sovereign lands and wires will be strung across the Missouri River with the use of a helicopter.**

This authorization is subject to the conditions listed below and to the attached North Dakota Department of Health "Construction and Environmental Disturbance Requirements." Any other use of sovereign land is prohibited. Any proposed additional use must comply with the application and permitting process and all other requirements of state law.

**General Conditions**

1. Construction of the transmission line over the Missouri River is a privileged use of a public resource and does not constitute a property right. The public use and enjoyment of the Missouri River is of high priority.
2. All construction, maintenance, and reclamation activities shall be carried out in a manner reasonably designed to prevent degradation of the Missouri River.
3. No work is to be conducted within the Missouri River from April 15 to June 1 to protect fisheries resources.
4. The Permittee will implement erosion control measures to minimize the opportunity for sediments to enter the Missouri River.
5. All construction debris or excess material shall be disposed of in a non-wetland, non-timbered upland site or in an approved landfill.

6. All disturbed sites are to be revegetated with species native to the project area.
7. This Authorization is site specific for the project as proposed and outlined in the application and supporting documents. Any changes or deviation from the site or design will need authorization from the State Engineer.
8. At the discretion of the State Engineer, in accordance with the exercise of any of the State Engineer's duties, the project is subject to modification or removal at the expense of the permittee.
9. The State Engineer or the State Engineer's representative shall have access to inspect the authorized project during construction and associated activities and for the life of the project to ensure that it is being or has been accomplished and maintained in accordance with the terms and conditions of this Authorization.
10. By granting this Authorization, no liability for damages of any kind, including those caused by improper construction, operation and maintenance, design or failure in design, materials, or workmanship, is assumed by or transferred to the State of North Dakota, the State Engineer, the State Water Commission or any of their respective employees, agents, or assigns. The Permittee will indemnify and hold harmless the State of North Dakota, its officials, employees, agents, boards, commissions, and assigns for any and all liability for work performed and action taken under this Authorization.



Todd Sando  
State Engineer

Date: 3/26/12



**Minnkota Power Coop. Inc**  
**T142N, R81W Sec. 28**

**Oliver-Burleigh Co**  
**Permit No. S1755**





**STATE  
HISTORICAL  
SOCIETY  
OF NORTH DAKOTA**

Jack Dalrymple  
*Governor of North Dakota*

**North Dakota  
State Historical Board**

Gereld Gerntholz  
*Valley City - President*

Calvin Grinnell  
*New Town - Vice  
President*

A. Ruric Todd III  
*Jamestown - Secretary*

Albert I. Berger  
*Grand Forks*

Diane K. Larson  
*Bismarck*

Chester E. Nelson, Jr.  
*Bismarck*

Margaret Puetz  
*Bismarck*

Sara Otte Coleman  
*Director  
Tourism Division*

Kelly Schmidt  
*State Treasurer*

Alvin A. Jaeger  
*Secretary of State*

Mark Zimmerman  
*Director  
Parks and Recreation  
Department*

Francis Ziegler  
*Director  
Department of  
Transportation*

Merlan E. Paaverud, Jr.  
*Director*

*Accredited by the  
American Association  
of Museums since 1989*

February 17, 2012

Mr. Gerald R. Heiser  
Sovereign Lands Manager  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505-0830

NDSHPO REF.: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission  
Line Project:

SWC: S-1755 Missouri River Crossing, Oliver-Burleigh Counties [142-81-27 and -28]

SWC: S-1756 James River Crossing, Wells County [147-72-3]

SWC: S-1757 James River Crossing, Wells County [148-65-33]

SWC: S-1758 Sheyenne River Crossing, Griggs County [147-58-6]

Dear Mr. Heiser:

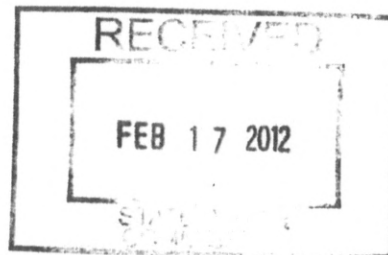
We have received and reviewed correspondence and documentation for: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission Line Project: "SWC: Missouri, James, and Sheyenne River Crossings."

As indicated in the correspondence and attachments, concurrent federal and state review is being completed. At that time, we would concur with "*No Historic Properties Affected*" and "*No Significant Sites Affected*" determinations provided the project river crossing are of the nature stated and that each takes in the location plotted and mapped in the SWC documentation.

Thank you for the opportunity to review the project. If you have questions please contact either Susan Quinnell at (701) 328-3576 or [squinnell@nd.gov](mailto:squinnell@nd.gov) or Paul Picha at [ppicha@nd.gov](mailto:ppicha@nd.gov) or (701) 328-3574.

Sincerely,

Merlan E. Paaverud, Jr.  
State Historic Preservation Officer (North Dakota)  
and  
Director, State Historical Society of North Dakota





NORTH DAKOTA  
DEPARTMENT OF HEALTH

ENVIRONMENTAL HEALTH SECTION

1200 Missouri Avenue  
P.O. Box 5520  
Bismarck, North Dakota 58506-5520  
Fax #701-328-5200

Construction and Environmental Disturbance Requirements

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

**Soils**

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

**Surface Waters**

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

**Fill Material**

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

Environmental Health Section  
and Enforcement  
701-328-5150

Environmental  
Engineering  
701-328-5188

Municipal  
Facilities  
701-328-5211

Waste  
Management  
701-328-5166

Water  
Quality  
701-328-5210

**Sovereign Land Permit No. S-1756**

Permittee: **Minnkota Power Cooperative Inc.**  
**1822 Mill Road**  
**P.O. Box 13200**  
**Grand Forks, ND 58208-3200**

Location: **SE ¼ SW ¼ of Section 3, Township 147 North, Range 72 West, Wells County**

Project Description:


**The Permittee is hereby authorized to construct a transmission line across the James River in Wells County. Specifically, the applicant is constructing a 345 kilovolt transmission line from Center to Grand Forks. The line is routed to cross the Missouri River, James River at two locations, and the Sheyenne River. No towers will be placed on sovereign lands.**

This authorization is subject to the conditions listed below and to the attached North Dakota Department of Health "Construction and Environmental Disturbance Requirements." Any other use of sovereign land is prohibited. Any proposed additional use must comply with the application and permitting process and all other requirements of state law.

**General Conditions**

1. Construction of the transmission line over the James River is a privileged use of a public resource and does not constitute a property right. The public use and enjoyment of the James River is of high priority.
2. All construction, maintenance, and reclamation activities shall be carried out in a manner reasonably designed to prevent degradation of the James River.
3. No work is to be conducted within the James River from April 15 to June 1 to protect fisheries resources.
4. The Permittee will implement erosion control measures to minimize the opportunity for sediments to enter the James River.
5. All construction debris or excess material shall be disposed of in a non-wetland, non-timbered upland site or in an approved landfill.
6. All disturbed sites are to be revegetated with species native to the project area.

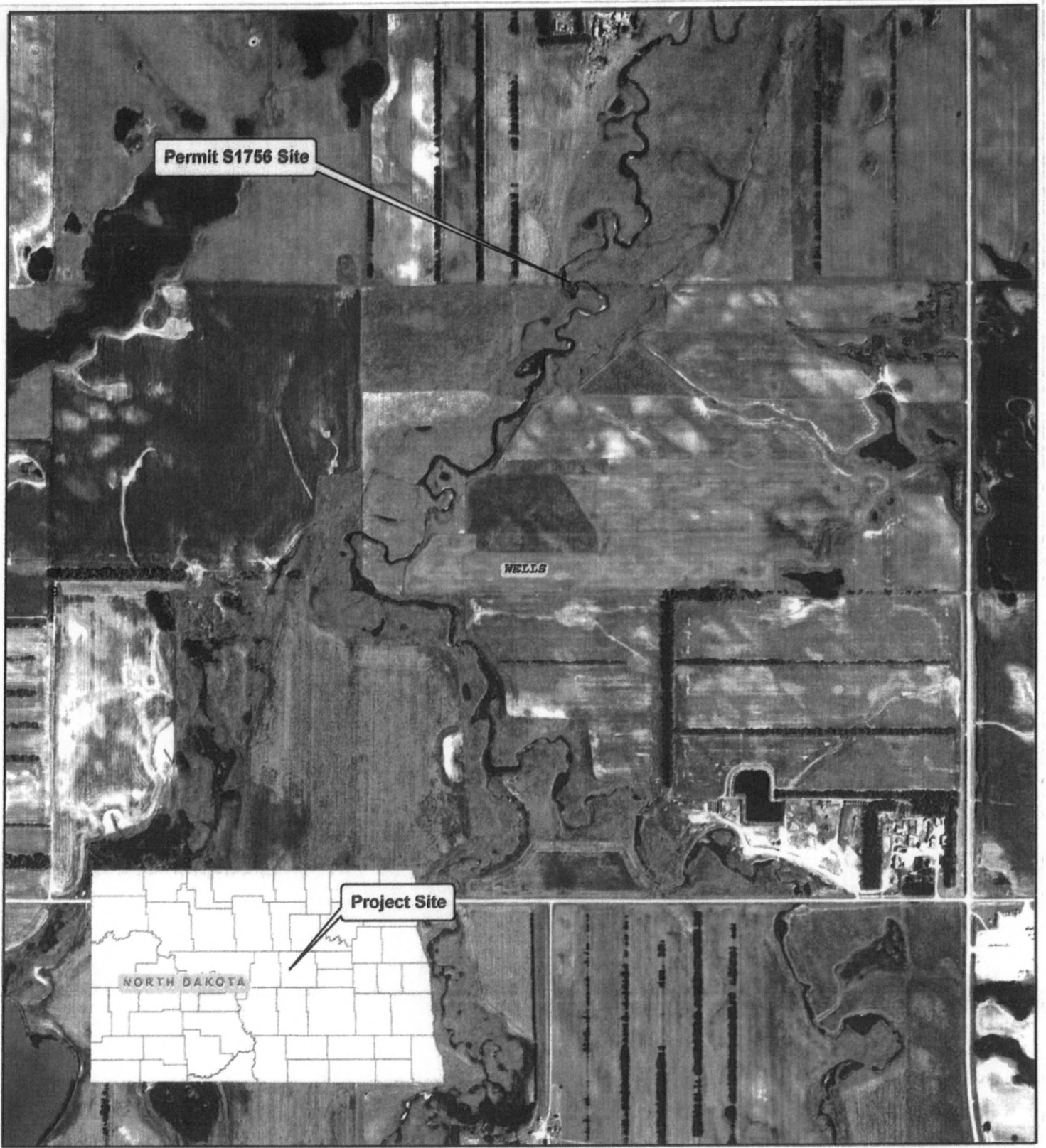
7. This Authorization is site specific for the project as proposed and outlined in the application and supporting documents. Any changes or deviation from the site or design will need authorization from the State Engineer.
8. At the discretion of the State Engineer, in accordance with the exercise of any of the State Engineer's duties, the project is subject to modification or removal at the expense of the permittee.
9. The State Engineer or the State Engineer's representative shall have access to inspect the authorized project during construction and associated activities and for the life of the project to ensure that it is being or has been accomplished and maintained in accordance with the terms and conditions of this Authorization.
10. By granting this Authorization, no liability for damages of any kind, including those caused by improper construction, operation and maintenance, design or failure in design, materials, or workmanship, is assumed by or transferred to the State of North Dakota, the State Engineer, the State Water Commission or any of their respective employees, agents, or assigns. The Permittee will indemnify and hold harmless the State of North Dakota, its officials, employees, agents, boards, commissions, and assigns for any and all liability for work performed and action taken under this Authorization.



---

Todd Sando  
State Engineer

Date: 3/26/12



Permit S1756 Site

WELLS

Project Site

NORTH DAKOTA



**Minnkota Power Coop. Inc**  
**T147N, R72W Sec. 3**

**Wells Co**  
**Permit No. S1756**





1200 Missouri Avenue  
P.O. Box 5520  
Bismarck, North Dakota 58506-5520  
Fax #701-328-5200

### Construction and Environmental Disturbance Requirements

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

#### **Soils**

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

#### **Surface Waters**

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#### **Fill Material**

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Environmental Health Section  
and Enforcement  
701-328-5150

Environmental  
Engineering  
701-328-5188

Municipal  
Facilities  
701-328-5211

Waste  
Management  
701-328-5166

Water  
Quality  
701-328-5210



**STATE  
HISTORICAL  
SOCIETY  
OF NORTH DAKOTA**

Jack Dalrymple  
*Governor of North Dakota*

**North Dakota  
State Historical Board**

Gereld Gerntholz  
*Valley City - President*

Calvin Grinnell  
*New Town - Vice  
President*

A. Ruric Todd III  
*Jamestown - Secretary*

Albert I. Berger  
*Grand Forks*

Diane K. Larson  
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Chester E. Nelson, Jr.  
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Sara Otte Coleman  
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Kelly Schmidt  
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*Secretary of State*

Mark Zimmerman  
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Parks and Recreation  
Department*

Francis Ziegler  
*Director  
Department of  
Transportation*

Merlan E. Paaverud, Jr.  
*Director*

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of Museums since 1989*

February 17, 2012

Mr. Gerald R. Heiser  
Sovereign Lands Manager  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505-0830

NDSHPO REF.: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission  
Line Project:  
SWC: S-1755 Missouri River Crossing, Oliver-Burleigh Counties [142-81-27 and -28]  
SWC: S-1756 James River Crossing, Wells County [147-72-3]  
SWC: S-1757 James River Crossing, Wells County [148-65-33]  
SWC: S-1758 Sheyenne River Crossing, Griggs County [147-58-6]

Dear Mr. Heiser:

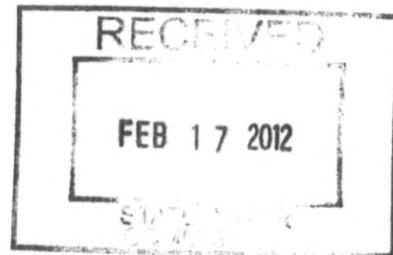
We have received and reviewed correspondence and documentation for: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission Line Project: "SWC: Missouri, James, and Sheyenne River Crossings."

As indicated in the correspondence and attachments, concurrent federal and state review is being completed. At that time, we would concur with "*No Historic Properties Affected*" and "*No Significant Sites Affected*" determinations provided the project river crossing are of the nature stated and that each takes in the location plotted and mapped in the SWC documentation.

Thank you for the opportunity to review the project. If you have questions please contact either Susan Quinnell at (701) 328-3576 or [squinnell@nd.gov](mailto:squinnell@nd.gov) or Paul Picha at [ppicha@nd.gov](mailto:ppicha@nd.gov) or (701) 328-3574.

Sincerely,

Merlan E. Paaverud, Jr.  
State Historic Preservation Officer (North Dakota)  
and  
Director, State Historical Society of North Dakota



Sovereign Land Permit No. S-1757

Permittee: **Minnkota Power Cooperative Inc.**  
**1822 Mill Road**  
**P.O. Box 13200**  
**Grand Forks, ND 58208-3200**

Location: **SW ¼ SW ¼ of Section 33, Township 148 North, Range 65 West, Eddy County**

Project Description:

**The Permittee is hereby authorized to construct a transmission line across the James River in Eddy County. Specifically, the applicant is constructing a 345 kilovolt transmission line from Center to Grand Forks. The line is routed to cross the Missouri River, James River at two locations, and the Sheyenne River. No towers will be placed on sovereign lands.**

This authorization is subject to the conditions listed below and to the attached North Dakota Department of Health "Construction and Environmental Disturbance Requirements." Any other use of sovereign land is prohibited. Any proposed additional use must comply with the application and permitting process and all other requirements of state law.

**General Conditions**

1. Construction of the transmission line over the James River is a privileged use of a public resource and does not constitute a property right. The public use and enjoyment of the James River is of high priority.
2. All construction, maintenance, and reclamation activities shall be carried out in a manner reasonably designed to prevent degradation of the James River.
3. No work is to be conducted within the James River from April 15 to June 1 to protect fisheries resources.
4. The Permittee will implement erosion control measures to minimize the opportunity for sediments to enter the James River.
5. All construction debris or excess material shall be disposed of in a non-wetland, non-timbered upland site or in an approved landfill.
6. All disturbed sites are to be revegetated with species native to the project area.

7. This Authorization is site specific for the project as proposed and outlined in the application and supporting documents. Any changes or deviation from the site or design will need authorization from the State Engineer.
8. At the discretion of the State Engineer, in accordance with the exercise of any of the State Engineer's duties, the project is subject to modification or removal at the expense of the permittee.
9. The State Engineer or the State Engineer's representative shall have access to inspect the authorized project during construction and associated activities and for the life of the project to ensure that it is being or has been accomplished and maintained in accordance with the terms and conditions of this Authorization.
10. By granting this Authorization, no liability for damages of any kind, including those caused by improper construction, operation and maintenance, design or failure in design, materials, or workmanship, is assumed by or transferred to the State of North Dakota, the State Engineer, the State Water Commission or any of their respective employees, agents, or assigns. The Permittee will indemnify and hold harmless the State of North Dakota, its officials, employees, agents, boards, commissions, and assigns for any and all liability for work performed and action taken under this Authorization.



Todd Sando  
State Engineer

Date: 3/26/12



**Minnkota Power Coop. Inc**  
**T148N, R65W Sec. 33**

**Eddy Co**  
**Permit No. S1757**





NORTH DAKOTA  
DEPARTMENT OF HEALTH

ENVIRONMENTAL HEALTH SECTION

1200 Missouri Avenue  
P.O. Box 5520  
Bismarck, North Dakota 58506-5520  
Fax #701-328-5200

Construction and Environmental Disturbance Requirements

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

**Soils**

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

**Surface Waters**

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

**Fill Material**

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

Environmental Health Section  
and Enforcement  
701-328-5150

Environmental  
Engineering  
701-328-5188

Municipal  
Facilities  
701-328-5211

Waste  
Management  
701-328-5166

Water  
Quality  
701-328-5210



**STATE  
HISTORICAL  
SOCIETY  
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*Director*

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February 17, 2012

Mr. Gerald R. Heiser  
Sovereign Lands Manager  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505-0830

NDSHPO REF.: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission  
Line Project:

SWC: S-1755 Missouri River Crossing, Oliver-Burleigh Counties [142-81-27 and -28]

SWC: S-1756 James River Crossing, Wells County [147-72-3]

SWC: S-1757 James River Crossing, Wells County [148-65-33]

SWC: S-1758 Sheyenne River Crossing, Griggs County [147-58-6]

Dear Mr. Heiser:

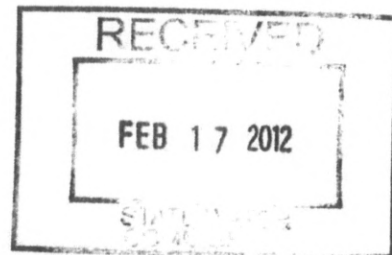
We have received and reviewed correspondence and documentation for: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission Line Project: "SWC: Missouri, James, and Sheyenne River Crossings."

As indicated in the correspondence and attachments, concurrent federal and state review is being completed. At that time, we would concur with "*No Historic Properties Affected*" and "*No Significant Sites Affected*" determinations provided the project river crossing are of the nature stated and that each takes in the location plotted and mapped in the SWC documentation.

Thank you for the opportunity to review the project. If you have questions please contact either Susan Quinnell at (701) 328-3576 or [squinnell@nd.gov](mailto:squinnell@nd.gov) or Paul Picha at [ppicha@nd.gov](mailto:ppicha@nd.gov) or (701) 328-3574.

Sincerely,

Merlan E. Paaverud, Jr.  
State Historic Preservation Officer (North Dakota)  
and  
Director, State Historical Society of North Dakota



Sovereign Land Permit No. S-1758

Permittee: **Minnkota Power Cooperative Inc.**  
**1822 Mill Road**  
**P.O. Box 13200**  
**Grand Forks, ND 58208-3200**

Location: **NW ¼ NE ¼ of Section 6, Township 147 North, Range 58 West, Griggs County**

Project Description:

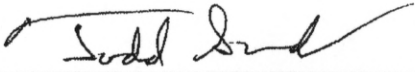
**The Permittee is hereby authorized to construct a transmission line across the Sheyenne River in Griggs County. Specifically, the applicant is constructing a 345 kilovolt transmission line from Center to Grand Forks. The line is routed to cross the Missouri River, James River at two locations, and the Sheyenne River. No towers will be placed on sovereign lands.**

This authorization is subject to the conditions listed below and to the attached North Dakota Department of Health "Construction and Environmental Disturbance Requirements." Any other use of sovereign land is prohibited. Any proposed additional use must comply with the application and permitting process and all other requirements of state law.

**General Conditions**

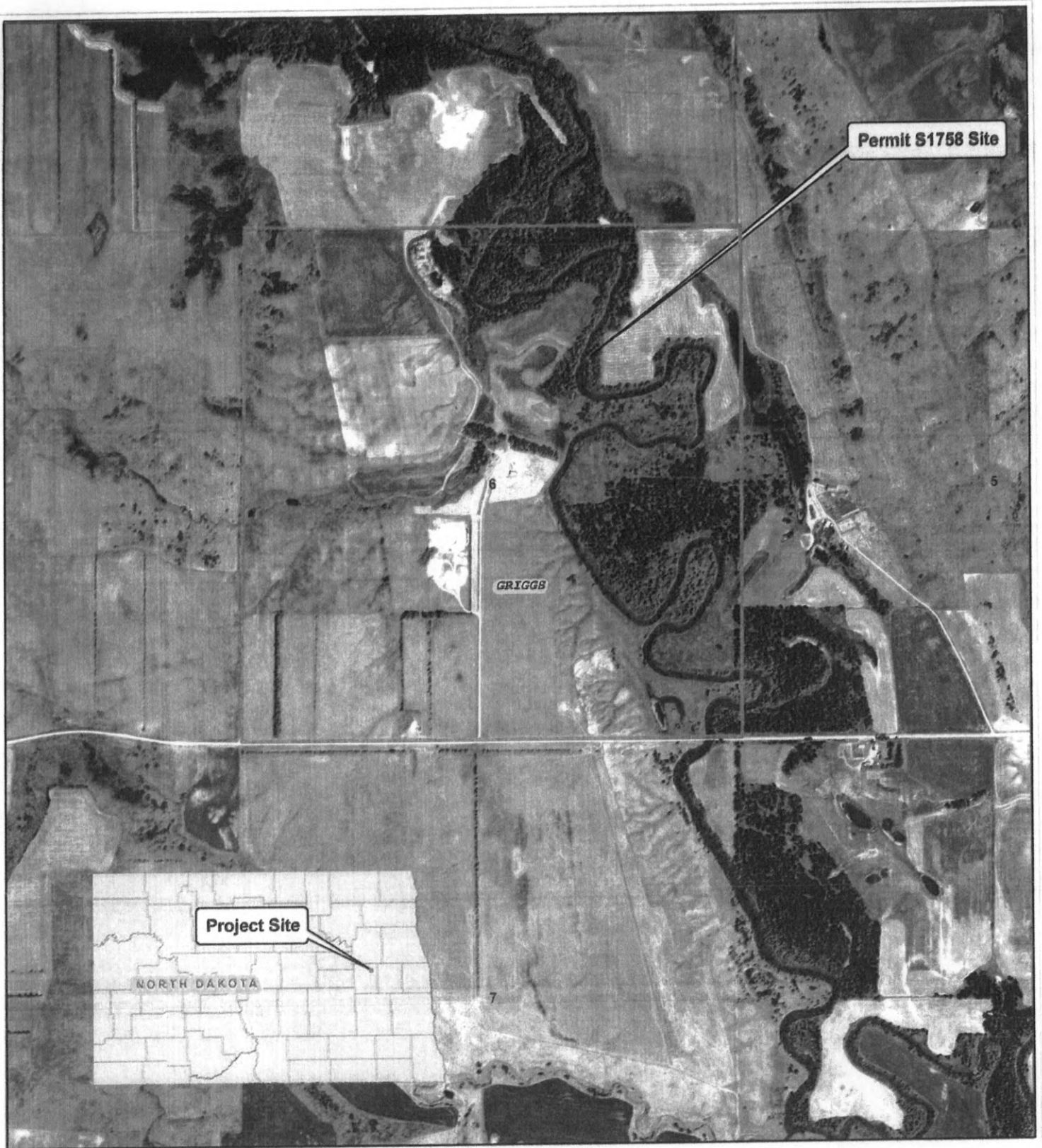
1. Construction of the transmission line over the Sheyenne River is a privileged use of a public resource and does not constitute a property right. The public use and enjoyment of the Sheyenne River is of high priority.
2. All construction, maintenance, and reclamation activities shall be carried out in a manner reasonably designed to prevent degradation of the Sheyenne River.
3. No work is to be conducted within the Sheyenne River from April 15 to June 1 to protect fisheries resources.
4. The Permittee will implement erosion control measures to minimize the opportunity for sediments to enter the Sheyenne River.
5. All construction debris or excess material shall be disposed of in a non-wetland, non-timbered upland site or in an approved landfill.
6. All disturbed sites are to be revegetated with species native to the project area.

7. This Authorization is site specific for the project as proposed and outlined in the application and supporting documents. Any changes or deviation from the site or design will need authorization from the State Engineer.
8. At the discretion of the State Engineer, in accordance with the exercise of any of the State Engineer's duties, the project is subject to modification or removal at the expense of the permittee.
9. The State Engineer or the State Engineer's representative shall have access to inspect the authorized project during construction and associated activities and for the life of the project to ensure that it is being or has been accomplished and maintained in accordance with the terms and conditions of this Authorization.
10. By granting this Authorization, no liability for damages of any kind, including those caused by improper construction, operation and maintenance, design or failure in design, materials, or workmanship, is assumed by or transferred to the State of North Dakota, the State Engineer, the State Water Commission or any of their respective employees, agents, or assigns. The Permittee will indemnify and hold harmless the State of North Dakota, its officials, employees, agents, boards, commissions, and assigns for any and all liability for work performed and action taken under this Authorization.



Todd Sando  
State Engineer

Date: 3/26/12



Permit S1758 Site

GRIGGS

Project Site

NORTH DAKOTA



**Minnkota Power Coop. Inc**  
**T147N, R58W Sec. 6**

**Griggs Co**  
**Permit No. S1758**





NORTH DAKOTA  
DEPARTMENT OF HEALTH

ENVIRONMENTAL HEALTH SECTION

1200 Missouri Avenue  
P.O. Box 5520  
Bismarck, North Dakota 58506-5520  
Fax #701-328-5200

Construction and Environmental Disturbance Requirements

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**Soils**

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

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Environmental Health Section  
and Enforcement  
701-328-5150

Environmental  
Engineering  
701-328-5188

Municipal  
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Waste  
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701-328-5166

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Quality  
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**STATE  
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*Director*

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February 17, 2012

Mr. Gerald R. Heiser  
Sovereign Lands Manager  
North Dakota State Water Commission  
900 East Boulevard Avenue  
Bismarck, North Dakota 58505-0830

NDSHPO REF.: 10-0173d USDA-RUS/PSC Center to Grand Forks 345 kV Transmission  
Line Project:

SWC: S-1755 Missouri River Crossing, Oliver-Burleigh Counties [142-81-27 and -28]

SWC: S-1756 James River Crossing, Wells County [147-72-3]

SWC: S-1757 James River Crossing, Wells County [148-65-33]

SWC: S-1758 Sheyenne River Crossing, Griggs County [147-58-6]

Dear Mr. Heiser:

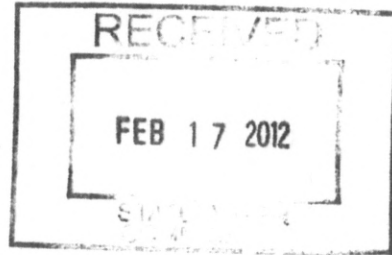
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Thank you for the opportunity to review the project. If you have questions please contact either Susan Quinnell at (701) 328-3576 or [squinnell@nd.gov](mailto:squinnell@nd.gov) or Paul Picha at [ppicha@nd.gov](mailto:ppicha@nd.gov) or (701) 328-3574.

Sincerely,

Merlan E. Paaverud, Jr.  
State Historic Preservation Officer (North Dakota)  
and  
Director, State Historical Society of North Dakota



**GRIGGS COUNTY**  
**PETITION FOR CONDITIONAL USE PERMIT**

Conditional Use Permits are required when the use of a special nature is not automatically permitted in a zoning district. The fee for filing the Petition for Conditional Use Permit will be determined according to the Fee Schedule plus publication costs (which will be assessed upon receipt of the statement from the publication source).

Completed Petition, all required information and the fee as determined by the Griggs County Zoning Administrator is to be returned to P.O. Box 541, Cooperstown ND 58425-0541. Questions? Please call Connie MacKenzie, Griggs County Zoning Administrator on 701-797-2413.

NAME OF PETITIONER: MINNKOTA POWER COOPERATIVE, INC.

ADDRESS OF PETITIONER: 1822 MILL ROAD P.O. BOX 13200 GRAND FORKS, ND 58208-3200

NAME AND ADDRESS OF PROPERTY OWNER (if different from above): SEE ATTACHED MAP

TELEPHONE #: 701-795-4354 CELL PHONE #: \_\_\_\_\_ E-MAIL ADDRESS: bhoffart@minnkota.cor

STREET ADDRESS OF PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED (if different from above address): See Attached Map

LEGAL DESCRIPTION OF PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED: \_\_\_\_\_  
See Attached TOWNSHIP: \_\_\_\_\_

CURRENT ZONING OF THE PROPERTY: \_\_\_\_\_

DESCRIBE USE OR ACTIVITY PROPOSED FOR THIS PROPERTY (please include all proposed activities for which this property may be used): Construction, maintenance and operation of a single pole overhead 345KV electrical transmission line.

DESCRIBE ALL USES OF PROPERTY WITHIN ONE (1) MILE OF THE SUBJECT PROPERTY/PARCEL(S): \_\_\_\_\_  
Agricultural

WHAT EFFECT WILL THE CONDITIONAL USE HAVE ON PROPERTIES WITHIN ONE-HALF (1/2) MILE? (PLEASE DESCRIBE):  
Minor affect on farming operations around structure.

PLEASE LIST ALL PROPERTY OWNERS ADJACENT TO PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED: See Attached

PROPOSED START DATE: Fall 2011

I HEREBY CERTIFY THAT I AM THE OWNER OR AUTHORIZED AGENT OF THE ABOVE PROPERTY AND, THAT, TO THE BEST OF MY KNOWLEDGE, ALL INFORMATION CONTAINED IN THIS PETITION IS TRUE AND CORRECT.

SIGNATURE:  DATE: 4-13-11

**ATTACH SITE PLAN SHOWING LOCATION OF BUILDING(S) AND USE RELEVANT TO PROPERTY/PARCEL INVOLVED IN THE CONDITIONAL USE PERMIT.**

(PLEASE RETURN ALL INFORMATION, INCLUDING THIS PETITION, TO THE GRIGGS COUNTY ZONING ADMINISTRATOR, P.O. BOX 541, COOPERSTOWN ND 58425-0541 AND PAYMENT OF FEE AS DETERMINED BY THE GRIGGS COUNTY ZONING ADMINISTRATOR.)

FOR USE BY ZONING ADMINISTRATOR ONLY

CONDITIONAL USE PERMIT:

- APPLICATION WITH INFORMATION RECEIVED: DATE: 04/13/2011
- SITE PLANS/LOCATION/ELEVATIONS RECEIVED: DATE: 04/13/2011
- FEE PAID: \$4,200 DATE: 04/13/2011
- DATE OF PLANNING COMMISSION HEARING: MAY 12, 2011 AT BINFORD FIRE HALL, BINFORD ND
- DATE ADJACENT LAND OWNERS NOTIFIED: 05/05/2011

ACTION TAKEN BY GRIGGS COUNTY PLANNING COMMISSION:

ACTION TAKEN FOR CONDITIONAL USE PERMIT:  APPROVED  DENIED

IF APPROVED, CONDITIONS:

1. All easements must be secured before Building Permits issued.
2. Approval of any permits is contingent upon full approval by Public Service Commission including any required new separate route permit approval designating a transmission line route within the approved corridor.
3. Approval of Zoning Variance by Griggs County Commission
4. Comply with Griggs County Road Department road haul agreement.
5. Comply with Griggs County Zoning Regulations – specifically 6.18.
6. Pay publication costs within 30 days of billing.

IF DENIED, REASON(S): \_\_\_\_\_

SIGNED: Connie M. Mackenzie DATE: 5/18/11

CONNIE M. MACKENZIE, GRIGGS COUNTY ZONING ADMINISTRATOR

SIGNED:  Lyle Pfeifer, a mark witnessed by Connie M. Mackenzie, Zoning Administrator DATE: 5/19/11

LYLE PFEIFER, GRIGGS COUNTY PLANNING COMMISSION CHAIRMAN OR DIANE COWDREY, GRIGGS COUNTY COMMISSION CHAIRMAN

ACTION TAKEN BY GRIGGS COUNTY COMMISSION: Hearing held 10/6/11 with publication.

- APPROVED: 1. Comply with P.S.C. Findings of Fact, Conclusions of Law and Order dated 9/7/2011.
- ADDITIONAL CONDITIONS, (IF ANY): 2. Provide updated Final Map of proposed distribution line once approved by P.S.C.
- 3. Submit Building Permit Application once route finalized
- 4. Pay Publication costs within 30 days of billing.

APPROVAL VALID FOR ONE YEAR FROM DATE BELOW. IF NO BUILDING PERMIT HAS BEEN ISSUED WITHIN THAT TIME, AN EXTENSION OF THE CONDITIONAL USE PERMIT MUST BE REQUESTED.

DENIED:

REASON(S): \_\_\_\_\_

SIGNED: Diane Cowdrey DATE: 10-10-11

DIANE COWDREY, GRIGGS COUNTY COMMISSION CHAIRMAN

No Warranty of Suitability

Griggs County, by approving a subdivision, auditor's lot, change of use, variance or by issuing a building permit, does NOT warrant that the property in question is suitable for any particular purpose, including, but not limited to, improvements to real property.

**FOSTER COUNTY  
AUDITOR'S OFFICE  
P.O. Box 104  
1000 5<sup>th</sup> Street North  
Carrington, ND 58421  
Phone: 701-652-2441  
Fax: 701-652-2173**

**Commissioners  
James Carr, Chairman  
Paul Straley, Vice Chairman  
Leroy Hart, Commissioner**

**County Auditor  
Roger R. Schlotman**

April 24, 2012

Minnkota Power Cooperative, Inc.  
1822 Mill Road  
P.O. Box 13200  
Grand Forks, ND 58208-3200

Re: 345V Electrical Transmission Line/Foster County, ND

Dear Mr. Hoffart:

The Board of County Commissioners on April 17<sup>th</sup> reviewed the transmission line change from Eddy County, south to the North Half of Section 3, T. 147 N., R. 64 W., which was requested by the owner's father, Jeff Topp of Grace City.

This letter is your official building permit authorization to construct, maintain and operate a single pole overhead 345KV Electrical Transmission Line in Foster County, specifically in the townships of T-147N- R. 62W, and T-147N R-63W., and T-147N R.64W as per your request.

**Also, the Commissioners request that all Foster County roads traveled by Minnkota's construction equipment be returned to preconstruction condition.**

Enclosed is your check for \$50.00 for the above route change and public hearing, which has been declined because of the owner's request.

Sincerely,



Roger R. Schlotman  
County Auditor/Zoning Administrator

# Foster County Planning and Zoning

App. Request	_____
App. Received	_____
Approved	<u>4-17-12</u> Denied _____

## Building Permit Application

### Applicant(s):

Name(s) MINNKOTA POWER COOPERATIVE, INC.  
Address 1822 MILL ROAD P.O. BOX 13200  
City GRAND FORKS State ND Zip 58208-3200  
Phone # 701-795-4354 Fax # 701-795-4333  
Cell # 701-213-7476 Email bhoffart@minnkota.com

### Property Owner(s), if different from above:

Name(s) \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone # \_\_\_\_\_ Fax # \_\_\_\_\_  
Email \_\_\_\_\_

### Parcel Information:

PID#(s): \_\_\_\_\_ Parcel Acreage: \_\_\_\_\_

Complete Legal Description: South Half of Sections 13, 14, 15, 16, 17, & 18 of T. 147 N., R. 62 W.,  
East Half of Sections 3, 10, & 15 of T. 147 N., R. 63 W., and the North Half of Section 3, T. 147 N., R. 64 W.

Request: Conditional Use Permit for the construction, maintenance and operation of a single pole overhead  
345KV electrical transmission line.

I hereby authorize Foster County to enter upon property subject to this application to gather information pertinent to this request.

Signature(s) of Developer(s):

Brian S. Hoffart Date: 4-4-12  
Brian S. Hoffart \_\_\_\_\_ Date: \_\_\_\_\_

Signature(s) of Owner(s):

Approved 4-17-12 Date: \_\_\_\_\_  
Tom R. Schlotman, Administrator

# COUNTY OF NELSON

**CONDITIONAL USE PERMIT NO.** 25

Has been granted to Minnkota Power Cooperative, Inc.

Address PO Box 13200, Grand Forks, ND 58208-3200

To erect, ~~alter, repair, move~~ a single pole overhead 345KV electrical transmission line

Location of project(s): Sec. 33, 32, 28, 27, 22, 15, 14, 12, 11, & 1, Twp. 149, Rge. 57

Date May 11, 2011

W. J. Davidson Code Administrator

# CONDITIONAL USE PERMIT

## COUNTY OF McLEAN

State of North Dakota

Owner Minnkota Power Coop. Inc. Permit Fee: \$2835.00

Address PO Box 13200 Permit Number: 2710

Grand Forks, ND 58208-3200 Date Approved: 9/20/2011


Legal Description: Involving land located in parts of: Sections 2, 11, 14, 23, 26, 35 of Township 145 Range 79, Sections 13, 23, 24, 26, 35, of Township 146 Range 79, Sections 1, 12, 13, 14, 15, 16, 17, 18, of Township 143 Range 80, Sections 1, 12, 13, 24, 25, 36, of Township 144 Range 80, and Sections 13, 24, 25, 36 of Township 143 Range 81.

By resolution of the McLean County Board of County Commissioners, as recommended for approval by of the McLean County Planning & Zoning Commission, a Conditional Use Permit is hereby granted to Minnkota Power Cooperative, Inc. to construct and operate a 345-Kilovolt (KV) transmission line from Center to Grand Forks, ND traveling through portions of McLean County; subject to approval by the Public Service Commission (PSC).

This permit is hereby granted upon the express condition that the person to whom it is granted, his agents, employees and workmen, that all of the work done in, around and upon said above described permit area or any part thereof shall conform in all respects to the zoning ordinances of McLean County concerning the Conditional Use Permit.

Effective date – 9/20/2011

(seal)



Lauren Hunze, Land Use Administrator

Grand Forks County  
Planning and Zoning

Comp. App. Date	8-10-11
PAC Rec. Date	9-19-11
CB Action Date	9-20-11
CB Approval	<input checked="" type="checkbox"/> Denial <input type="checkbox"/>

**Special Use Permit Application**

**Applicant(s):**

Name(s) MINNKOTA POWER COOPERATIVE, INC.

Address P.O. BOX 13200

City GRAND FORKS State ND Zip 58208-3200

Phone # 701-795-4354 Fax # 701-795-4333

Cell # 701-213-7476 Email bhoffart@minnkota.com

**Property Owner(s), if different from above:**

Name(s) See Attached Spreadsheet

Address \_\_\_\_\_

City \_\_\_\_\_

Phone # \_\_\_\_\_

Email \_\_\_\_\_



**Brian Hoffart**  
Right-of-Way Agent

Office: (701) 795-4354  
Fax: (701) 795-4333  
Cell: (701) 213-7476  
bhoffart@minnkota.com

**Parcel Information:**

1822 Mill Road • P.O. Box 13200 • Grand Forks, ND 58208-3200 • Phone (701) 795-4000

PID#(s): \_\_\_\_\_ Parcel Acreage: \_\_\_\_\_

Complete Legal Description: See Attached Spreadsheet

Request: THE CONSTRUCTION AND OPERATION OF A 345-KILOVOLT (KV) TRANSMISSION LINE FROM  
CENTER TO GRAND FORKS, ND.

<b>Primary Contact:</b>	
Grand Forks County Planning and Zoning Department	151 South 4 <sup>th</sup> Street Grand Forks, ND 58206-5294 701.780.8413

GRAND FORKS COUNTY COMMISSION MEETING

September 20, 2011 – 6:00 P.M.

The Board met pursuant to adjournment with Commissioners Malm, Schmisek, Murphy and Knauf present. Commissioner Pic absent.

Chairman Malm approved the minutes of the September 6, 2011 meeting as presented.

Moved by Murphy, seconded by Schmisek, to approve the order of agenda. Motion carried.

Moved by Schmisek, seconded by Knauf, to approve the consent agenda. Items in the consent agenda included: employee status changes for Shariyka Newton, Laura Ziegler, Susan Duval, Richard Hoffer, Ryan Thompson and Erica Sims; bills as submitted by the County Auditor, Check #156091 – 156363 in the amount of \$622,533.34; overtime; August Financial Report and bond for check reissue. Motion carried.

Lane Magnuson, County Planner, addressed the board.

Mike Hennes, Minnkota Power Cooperative, addressed the board.

Laurie Santangelo, 1655 16<sup>th</sup> St NE, Brenna Township, addressed the board.

Beau Bateman, 6500 32<sup>nd</sup> Ave S, Brenna Township, addressed the board.

Moved by Schmisek, seconded by Knauf, to approve a Special Use Permit for Minnkota Power Cooperative to construct and operate a 345-Kilovolt (KV) Transmission Line from Center, ND to Grand Forks, ND with the following conditions: 1. The applicant shall receive final approval from the Public Service Commission for the Route Permit. Any changes during the Route Permit Process shall also serve as an amendment to this Special Use Permit. 2. The applicant shall repair all roads and lands damaged during construction of the line or during future repairs. 3. The applicant will strive to achieve the requests of the townships and landowners. Motion carried.

Moved by Murphy, seconded by Knauf, to approve a Special Use Permit for Enoch Thorsgard to locate a manufactured home in the NW ¼ of section 3 of Union Township, with the following condition: the applicant must install a code compliant septic system through the County's permitting process. Motion carried.

Moved by Schmisek, seconded by Knauf, to approve the application of Derek Sondreal for a variance to construct an outbuilding 12.5 feet from the side lot line in the SE ¼ of section 10, Allendale Township, with the following condition: the applicant shall be required to install a drainage swale in the remaining side yard setback that effectively conveys additional runoff to the 10<sup>th</sup> Avenue township ditch, then easterly toward Wilson Creek. Motion carried.

Debbie Nelson, Finance and Tax Director, addressed the board. The public hearing on the 2012 Budget was opened. No one appeared and the public hearing was closed.

Moved by Schmisek, seconded by Murphy, to approve the 2012 Final Budget of \$39,859,418. Motion carried. A copy of the final budget is on file in the County Finance and Tax Office.

Moved by Knauf, seconded by Murphy, to approve the Service Agreements with CVIC, Lutheran Social Services, Circle of Friends Humane Society, Summer Performing Arts, Shelter for the Homeless and Greater Grand Forks Community Service and Restitution Program. Motion carried.

**CONDITIONAL USE PERMIT**

County of Sheridan  
McClusky, North Dakota

Owner: Minnkota Power Coop. Inc Permit Fee: \$150.00

Address: PO BOX 13200 Permit Number 010  
Grand Forks, ND Date Issued: 9/6/11  
58 208-3200

Legal Description: Maps as filed in the County  
Auditor's Office

Permission is hereby granted for a Conditional Use Permit for the purpose

of: The construction and operation of a 345-Kilovolt  
(KV) transmission line from Center to Grand Forks, ND.

This permit is hereby granted upon the express condition that the person to whom it is granted, his agents, employees and workmen, that all of the work done in, around and upon said above described permit area or any part thereof shall conform in all respects to the ordinances of Sheridan County concerning the Conditional Use Permit.

Comments

(seal)

Shirley A. Murray

Shirley A. Murray, County Auditor

## DISCLAIMER

The Sheridan County Zoning Plan, adopted August 2<sup>nd</sup>, 1994 and amendments thereto, was enacted for the purpose of promoting, sound and desirable locations and uses for building and land in Sheridan County. Any permits required and/or issued under the zoning plan are required and/or issued to ensure that the provisions of the Sheridan County Zoning Plan are being complied with, building, conditional use permits, or any other permits issued by Sheridan County under the auspices of its Zoning Plan do not, nor are they intended to ensure, that any such structures or uses are in compliance with any state or federal laws or with the rules and regulations of any state or federal agency. The applicant for any building, conditional use or any other permit required by the Zoning Plan is solely responsible for ensuring compliance with any said laws or regulations.

Sharon Township  
CONDITIONAL USE PERMIT

TOWNSHIP

PERMIT NO. 2011-1  
5-10 19 2011

PERMISSION IS GRANTED TO:

NAME Minnesota Power Cooperative, Inc

ADDRESS 1822 Mill Road PO Box 13200 - Grand Forks, ND 58208-3200

TO: Construct Power Line N/S thru West side of township  
(DESCRIBE PROPOSED USE)  
contingent on acceptance of Variance on Sect 6 & 18.

SPECIAL CONDITIONS THAT MUST BE MET BY APPLICANT (LIST):

Variance were accepted by zoning board on Sect 6 to  
place pole 101' from center of road and Sect 18 pole is to be 115'  
from center of road.

PERMIT FEE: \$100

PAID

NOT PAID

5-10  
DATE

19 2011

Perry Ostrom  
CHAIRMAN  
TOWNSHIP ZONING BOARD

Pat Moran - member

Dean Vig  
Benjamin A. Vig

SHARON TOWNSHIP

May 10,2011-3:00pm Dean Vig residence

Rick Thompson, Dean Vig, Dennis Lund, Ben Vig, and Perry Ostmo present.

Zoning/Township boards met again to discuss Variances requested by Minnkota Power Coopertive,Inc. for their placement of poles. On Sect.18 they agreed to place pole no less than 115' from center of road(18/19).That was satisfactory with Dennis Lund, owner of SW1/4 of 18-148-57.

The other variance in Sect.6-148-57 was a request to place pole no less than 101' from center of road(6/7).

Dean made a motion to accept the two variances. Rick 2nd. Motion carried.

Township Board then convened. Rick made a motion to accept Zoning board's recommendations/motions to approve the Conditional Use Permit along with both Variances for the construction of a Power line through Sharon Township. Dean 2nd. Motion carried. Fee will be \$50 per variance. We will send copies of Permit, Variances, and minutes on to Minnkota.

Meeting adjourned;

Perry Ostmo  
Zoning Administrator/Township Clerk

Ben Vig - supervisor

Dean a Vig

Sharon Township  
REQUEST FOR VARIANCE

Date April 20, 2011

**Applicant:**

Name: MINNKOTA POWER COOPERATIVE, INC.

Address: 1822 MILL ROAD P.O. BOX 13200 GRAND FORKS, ND 58208-3200

Location of Property: SEE ATTACHED MAPS Section 18-148-57  
(Legal Description)

Present Zoning of Property: AGRICULTURAL

Present Use of Property: AGRICULTURAL

Reasons for Request for Variation

Please note that the following questions must be answered completely. If additional space is needed, attach extra pages to application.

Before answering read the Notice to Applicants

1. What characteristics of your property prevent its being used for any of the uses permitted in your zone?

Too narrow \_\_\_\_\_ Elevation \_\_\_\_\_ Soil \_\_\_\_\_

Too small \_\_\_\_\_ Slope \_\_\_\_\_ Subsurface \_\_\_\_\_

Too shallow \_\_\_\_\_ Shape \_\_\_\_\_ Other SEE ATTACHED MAPS set back too close  
(specify)

2. Describe the items checked, giving dimensions where appropriate.

SEE ATTACHED MAPS location of pole on section 18  
will be 115 feet off of center of township road

3. How do the above site conditions prevent any reasonable use of your land under the terms of the Zoning Ordinance? REASONABLE USE OF LAND TO REMAIN.

4. Are the conditions on your property the result of man-made changes (such as the relocation of a road or highway)? NO, if so, describe

5. Which of the following types of modifications will allow you a reasonable use of your land?

Change in setback requirement X Change in lot coverage requirement \_\_\_\_\_  
Change in yard restriction \_\_\_\_\_ Change in height requirement \_\_\_\_\_  
Change in area requirement \_\_\_\_\_

6. State the variation requested, give distances where appropriate.

Minnkota Power requesting a variance for 2-345 KV structures in Sharon Township to be closer than 150 feet to township right of way, see attached maps for proposed locations.

7. Are the conditions of hardship for which you request a variation true only of your property? Yes \_\_\_\_\_ If not, how many other properties are similarly affected? \_\_\_\_\_

-----  
*For Use by Board of Adjustment Only*

Date filed: 5/10/2011

Date set for hearing: 5/4/2011

Date notice published in newspaper: \_\_\_\_\_

Date the adjacent property owners notified: 5/4/2011

Fee \$ 50 Paid \_\_\_\_\_

The board shall base its findings on evidence presented in the application, comments received from adjacent property owners and the following conditions before it may approve a request for a variance:

- a) The particular surroundings or the topographic condition of the property would result in undue hardship.
- b) The variance request is not based on a desire for economic or other gains.
- c) The alleged difficulty or hardship is caused by this ordinance and has not been created by any person presently having an interest in the property.
- d) The variance shall not be detrimental to the public welfare or injurious to other properties in the area.
- e) The variance shall not be contrary to the interest and purpose of this ordinance.

In light of the evidence presented at the hearing on this case and in conformity with the requirements of the Zoning Ordinance, a variance is:

\_\_\_\_\_ denied  
\_\_\_\_\_ granted

~~\_\_\_\_\_ granted subject to the following requirements:~~  
Pole placed in section 18 will not be closer than 115 feet from center of road

5/10, 2011  
Date

Ken Olson  
Chairman, Board of Adjustment  
Paul Thompson, member  
Dean A. Vig

Sharon Township

Date 4/20/11

REQUEST FOR VARIANCE

Applicant:

Name: Minn Kota Power Cooperative Inc

Address: 1822 Mill Road Box 13200 Grand Forks ND 58208

Location of Property: section 6 148-57  
(Legal Description)

Present Zoning of Property: Agricultural

Present Use of Property: Agricultural

Reasons for Request for Variation

Please note that the following questions must be answered completely. If additional space is needed, attach extra pages to application.

Before answering read the Notice to Applicants

1. What characteristics of your property prevent its being used for any of the uses permitted in your zone?

Too narrow _____	Elevation _____	Soil _____
Too small _____	Slope _____	Subsurface _____
Too shallow _____	Shape _____	Other <u>setback too close</u> (specify)

2. Describe the items checked, giving dimensions where appropriate.  
location of pole on section 6 will be 101 feet off at center of township road

3. How do the above site conditions prevent any reasonable use of your land under the terms of the Zoning Ordinance? reasonable use of land to remain

4. Are the conditions on your property the result of man-made changes (such as the relocation of a road or highway)? no, if so, describe

5. Which of the following types of modifications will allow you a reasonable use of your land?

Change in setback requirement <u>X</u>	Change in lot coverage requirement _____
Change in yard restriction _____	Change in height requirement _____
Change in area requirement _____	

6. State the variation requested, give distances where appropriate.

Minor kids request a variance for pole structures to be closer than 150ft set back.

7. Are the conditions of hardship for which you request a variation true only of your property? YES If not, how many other properties are similarly affected? \_\_\_\_\_

*For Use by Board of Adjustment Only*

Date filed: 5/10/2011

Date set for hearing: 5/4/2011

Date notice published in newspaper: \_\_\_\_\_

Date the adjacent property owners notified: 5/4/2011

Fee \$ 50 Paid \_\_\_\_\_

The board shall base its findings on evidence presented in the application, comments received from adjacent property owners and the following conditions before it may approve a request for a variance:

- a) The particular surroundings or the topographic condition of the property would result in undue hardship.
- b) The variance request is not based on a desire for economic or other gains.
- c) The alleged difficulty or hardship is caused by this ordinance and has not been created by any person presently having an interest in the property.
- d) The variance shall not be detrimental to the public welfare or injurious to other properties in the area.
- e) The variance shall not be contrary to the interest and purpose of this ordinance.

In light of the evidence presented at the hearing on this case and in conformity with the requirements of the Zoning Ordinance, a variance is:

\_\_\_\_\_ denied  
\_\_\_\_\_ granted

X granted subject to the following requirements:  
Pole placed in section 6 will not be close than 101 feet from center of road

5/10, 2011  
Date

Perry Ostrom

Perry Ostrom  
Chairman, Board of Adjustment

Paul Thompson member  
Dean AC

Permit No. 1001

LORETTA TOWNSHIP  
**PERMIT**

Building(\_\_\_\_); Zoning Change(\_\_\_\_); Conditional Use(X); Site Approval(\_\_\_\_)

This permit is issued to:

Name of applicant: MINNKOTA POWER COOPERATIVE, INC.

Mailing Address: 1822 MILL ROAD P.O. BOX 13200 GRAND FORKS, ND 58208-3200

Phone Numbers: work 701-795-4354; home \_\_\_\_\_; cell 701-213-7476

If applicant is a business or organization; Title of authorized agent: RIGHT OF WAY AGENT

Subject Property is located in: NORTHWEST (quarter) of Section 6-149-56

Subject Property address: NA

For the purpose of: CONSTRUCTION, MAINTENANCE AND OPERATION OF A SINGLE  
POLE OVERHEAD 345KV ELECTRICAL TRANSMISSION LINE.

Applicant has() or has not (\_\_\_\_) met all the requirements of LORETTA  
Township Zoning Regulations.

Applicant is required to meet these conditions:  
Restore To pre construction Condition For road.  
\$50 permit Fee

And to insure that all construction and uses will conform to LORETTA Township  
and State building codes and ordinances.

LORETTA Township reserves the right to enter subject property to gather information  
pertinent to this permit and to ensure compliance with any conditions.

04 109 13002  
Date

Dale Bjorn  
Chairperson of Township Supervisors

Addie Township

1. Application for Building (Zoning) Permit

MINNKOTA POWER COOPERATIVE, INC.

This application is made for: use \_\_\_\_\_ construction \_\_\_\_\_ repair \_\_\_\_\_ and \_\_\_\_\_ of use or structure located at \_\_\_\_\_ at a cost of \$ 3,382,200.00 for the following use:

Legal description of property: (See attached)

Describe the proposed use for this property: Construction, maintenance and operation of a single pole overhead 345KV electrical transmission line.

Attached are plans and drawings.

The main structure will be as follows:

Construction Steel Pole/with concrete footing Front yard setback (in feet) (See attached)
Height (stories and feet) 130-150 feet Side yard setback (in feet) (See attached)
Number of family units \_\_\_\_\_ Rear yard setback (in feet) (See attached)
Dimensions of lot/parcel \_\_\_\_\_

The accessory building will be as follows:

Description \_\_\_\_\_
Height \_\_\_\_\_ Size \_\_\_\_\_
Distance from rear lot line \_\_\_\_\_ Distance from side yard line \_\_\_\_\_

I hereby certify that I am the owner or authorized agent for the above property and that all construction will conform with Addie Township ordinances, laws and regulations.

Signature: [Handwritten Signature]
Date: April 23, 2012

1822 MILL ROAD P.O. BOX 13200
GRAND FORKS, ND 58208-3200
Address: 701-795-4354

Date: [Handwritten Date]
Code Administrator: [Handwritten Name]

Phone: [Handwritten Number]
Date: [Handwritten Date]

This application is used for building (zoning) permits including repair and expansion of improvements for a permitted use in the zoning district. If the use does not conform with the provisions of the district, the permit must not be issued until the Zoning Commission approves the zoning change, conditional use, or gives the site approval for designated use.

Per Cond use permit
Fee Pd \$3,407.20

ADDIE TOWNSHIP  
PETITION FOR ZONING VARIANCE

NAME OF PETITIONER: MINNKOTA POWER COOPERATIVE, INC.

ADDRESS OF PETITIONER: 1822 MILL ROAD P.O. BOX 13200 GRAND FORKS, ND 58208-3200

NAME AND ADDRESS OF PROPERTY OWNER (if different from above): See Attached Maps and Property Owner List

TELEPHONE #: 701-795-4354 CELL PHONE #: \_\_\_\_\_ E-MAIL ADDRESS: bhoffart@minnkota.com

STREET ADDRESS OF PROPERTY FOR WHICH VARIANCE IS BEING REQUESTED (if different from above address): \_\_\_\_\_  
See Attached

PROVIDE THE LEGAL DESCRIPTION AND THE ACREAGE OF THE PARCEL(S) TO BE AFFECTED BY THE VARIANCE (MAY ATTACH METES AND BOUNDS DESCRIPTION): See Attached

\_\_\_\_\_ TOWNSHIP: \_\_\_\_\_

CURRENT ZONING OF THE PROPERTY: Agricultural

DESCRIBE THE NATURE OF THE REQUEST FOR A VARIANCE FROM THE DIMENSIONAL STANDARDS OR OTHER CIRCUMSTANCES (ZONING) PRESCRIBED BY THE GRIGGS COUNTY ZONING ORDINANCE: \_\_\_\_\_

Minnkota Power is requesting a variance of Addie Township Ordinance to allow 345 kv structures to be closer than 75 feet to section line. Proposed tower heights will be from 130 feet to 150 feet. Minnkota Power is requesting a variance for all structures in Addie Township, 6 structures to be along the north line of Sections 5 & 6 of Addie Township to be closer than 75' and remaining 26 structures centerline to be 75' from section lines. (See Attached Maps)

DESCRIBE THE HARDSHIP OR REASON THAT IS BASIS FOR THE REQUESTED VARIANCE: \_\_\_\_\_

Land owners requested closer to section lines and Minnkota requires a 150' easement, which if placed at 75 feet will lessen easement impact to agriculture land.

DESCRIBE ALL USES OF PROPERTY WITHIN ONE HUNDRED FIFTY (150) FEET INCLUDING PUBLIC RIGHT-OF-WAY OF THE SUBJECT PARCEL(S): Agricultural

I HEREBY CERTIFY THAT I AM THE OWNER OR AUTHORIZED AGENT OF THE ABOVE PROPERTY AND, THAT, TO THE BEST OF MY KNOWLEDGE, ALL INFORMATION CONTAINED IN THIS PETITION IS TRUE AND CORRECT.

SIGNATURE:  DATE: 4.15.11

ATTACH SITE PLAN SHOWING LOCATION OF BUILDING(S) AND USE RELEVANT TO PROPERTY/PARCEL INVOLVED IN THE REQUESTED VARIANCE.

*Approved 11-18-11  
twp Fall meeting  
Larry Rescher  
clerk.*

ADDIE TOWNSHIP  
PETITION FOR CONDITIONAL USE PERMIT

NAME OF PETITIONER: MINNKOTA POWER COOPERATIVE, INC.

ADDRESS OF PETITIONER: 1822 MILL ROAD P.O. BOX 13200 GRAND FORKS, ND 58208-3200

NAME AND ADDRESS OF PROPERTY OWNER (if different from above): SEE ATTACHED MAP

TELEPHONE #: 701-795-4354 CELL PHONE #: \_\_\_\_\_ E-MAIL ADDRESS: bhoffart@minnkota.cor

STREET ADDRESS OF PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED (if different from above address): See Attached Map

LEGAL DESCRIPTION OF PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED: \_\_\_\_\_  
See Attached TOWNSHIP: \_\_\_\_\_

CURRENT ZONING OF THE PROPERTY: \_\_\_\_\_

DESCRIBE USE OR ACTIVITY PROPOSED FOR THIS PROPERTY (please include all proposed activities for which this property may be used): Construction, maintenance and operation of a single pole overhead 345KV electrical transmission line.

DESCRIBE ALL USES OF PROPERTY WITHIN ONE (1) MILE OF THE SUBJECT PROPERTY/PARCEL(S): \_\_\_\_\_  
Agricultural

WHAT EFFECT WILL THE CONDITIONAL USE HAVE ON PROPERTIES WITHIN ONE-HALF (1/2) MILE? (PLEASE DESCRIBE): \_\_\_\_\_  
Minor affect on farming operations around structure.

PLEASE LIST ALL PROPERTY OWNERS ADJACENT TO PROPERTY FOR WHICH CONDITIONAL USE PERMIT IS BEING REQUESTED: See Attached

PROPOSED START DATE: Fall 2011

I HEREBY CERTIFY THAT I AM THE OWNER OR AUTHORIZED AGENT OF THE ABOVE PROPERTY AND, THAT, TO THE BEST OF MY KNOWLEDGE, ALL INFORMATION CONTAINED IN THIS PETITION IS TRUE AND CORRECT.

SIGNATURE:  DATE: 4-13-11

ATTACH SITE PLAN SHOWING LOCATION OF BUILDING(S) AND USE RELEVANT TO PROPERTY/PARCEL INVOLVED IN THE CONDITIONAL USE PERMIT.

MISCELLANEOUS MINUTES OF TOWNSHIP MEETING

Fall meeting at home of clerk

11-18-11

Present: LeRoy Eggermont, Warren Southward, Kevin Toward,  
clerk Larry Kessler

Minutes of the 2011 annual meeting were read and approved  
by Kevin, 2nd by Warren

New Bus: Warren and LeRoy attended Community meeting

Regarding conditional use permit for Melketa Power.  
as result of said meeting it was felt that Addie Twp  
should approve the Melketa power conditional use permit  
and zoning variance for their poles.

Motion by Warren Southward to approve Conditional  
use permit and zoning variance was made 2nd by  
LeRoy Eggermont. all were in favor

We sent Brian Hoffart a letter stating addie twp  
approved conditional use permit and zoning variance  
for Melketa power at the 11-18-11 meeting

- Motion by Warren Southward to proceed with  
contacting the st to make the hill north of  
twp rd a borrow pit SE 1/4 27-147-60 2nd  
by LeRoy Eggermont.

# EDDY COUNTY STATES ATTORNEY

---

Travis S. Peterson  
PO Box 231  
New Rockford, ND 58356

Telephone: (701) 947-2442  
Facsimile: (701) 947-2443  
travis@petersonlawofficespc.com

September 7, 2011

Brian Hoffart  
Minnkota Power Cooperative, Inc.  
1822 Mill Road, PO Box 13200  
Grand Forks ND 58208-3200

RE: Eddy County, ND  
Conditional Use Permit

Dear Mr. Hoffart:

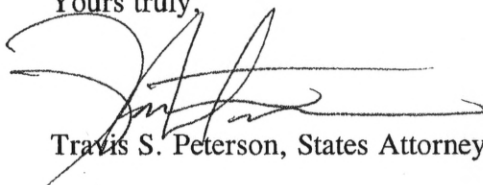
Your letter of May 18, 2011 and the concerns set forth therein was discussed at the September 6, 2011 regular meeting of the Eddy County Commission.

Please be advised that Eddy County, ND has no particular or specific conditional use permit application requirements. Therefore, the Center to Grand Forks electric transmission line project is authorized in Eddy County, ND, as long as the North Dakota Public Service Commission is satisfied and grants approval.

Please note, however, that it remains necessary for Minnkota Power Cooperation, Inc., its agents, employees and representatives to comply with all load limits and other road regulations on any and all federal, state, county, township and local highways located within Eddy County, ND.

Thank you for your consideration to this matter.

Yours truly,



Travis S. Peterson, States Attorney



Natural Resources Conservation Service  
502 Hwy 2 W, Suite 1  
Devils Lake, ND 58301

January 12, 2012

**Michael Swenson**  
**Environmental Scientist**  
**HDR Engineering, Inc.**  
**701 Xenia Avenue South**  
**Minneapolis, MN 55416-3636**

**Subject: Farmland Conversion Impact Rating**  
**Minnkota Power Cooperative, Center to Grand Forks Transmission Line Project**

Dear Mr. Swenson,

I have reviewed the transmission line plans and AD-1006 that you sent to Jill Haakenson at our NRCS Devils Lake Area Office. Due to the minor acreage of prime farmland conversion (<5 acres total) over a distance of 250 miles and crossing numerous counties, our agency will not require the completion of the AD-1006. The primary environmental concerns in relation to the completion of this project are to:

1. Protect the natural hydrology and functions of any wetlands along or in proximity to the transmission line route.
2. Minimize any negative impacts to the farmland soils – particularly surface soil erosion or soil compaction.
3. Prevent any waste materials or chemicals used in construction of the project from being carried by runoff water into any natural watercourses that the project crosses..

Please contact me if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads "Alan R. Gulsvig".

Alan R. Gulsvig  
MLRA Soil Survey Leader  
Ph. (701) 662-7967, ext. 155



Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2223-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1301
Location:	Grand Forks, ND
Latitude:	47-53-49.14N NAD 83
Longitude:	97-12-21.57W
Heights:	852 feet site elevation (SE)
	126 feet above ground level (AGL)
	978 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 126 feet above ground level (978 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2223-OE.

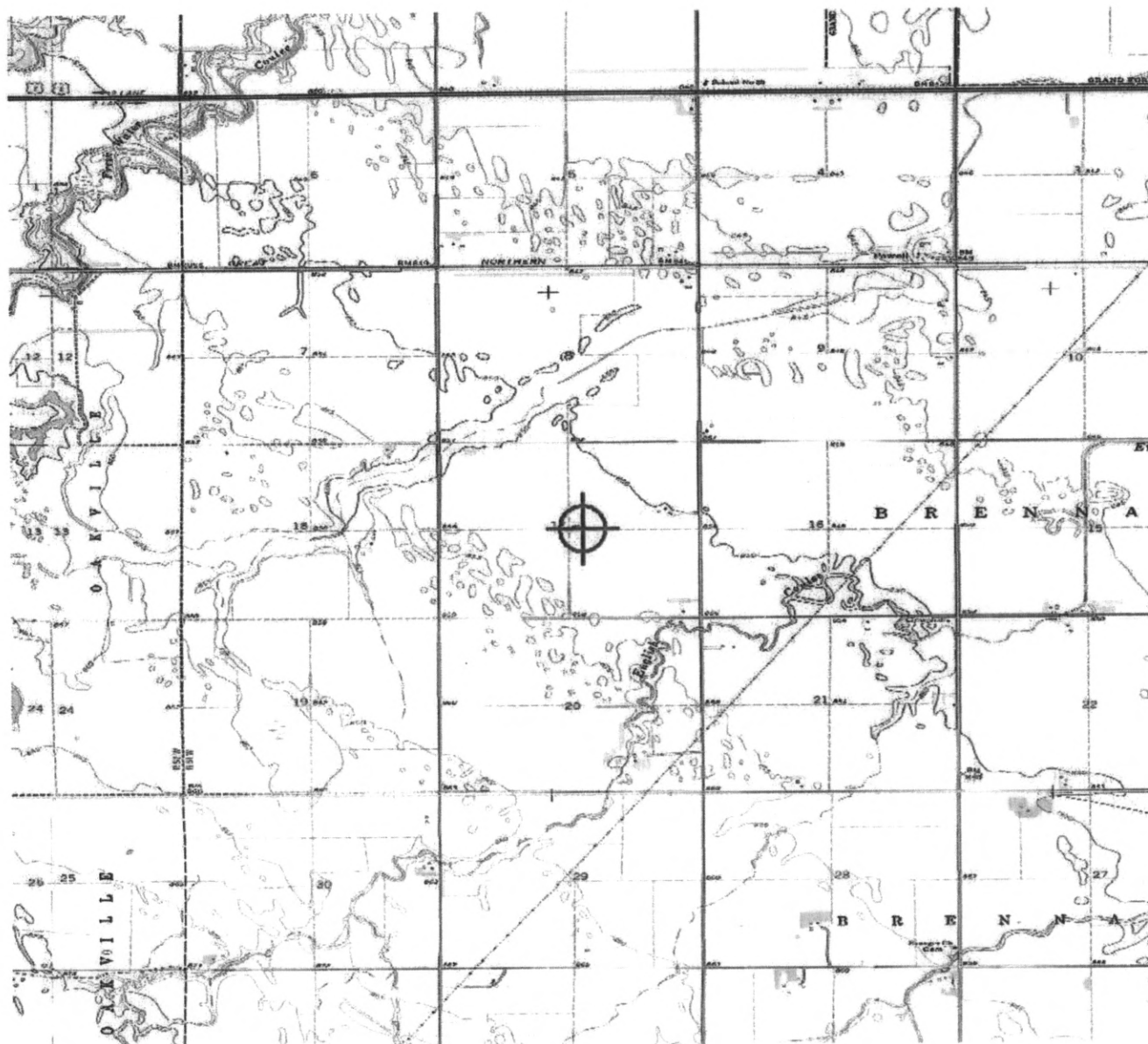
**Signature Control No: 161508667-162218551**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2223-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2224-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:           Transmission Line 1302  
 Location:           Grand Forks, ND  
 Latitude:           47-53-49.09N NAD 83  
 Longitude:         97-12-07.59W  
 Heights:           852 feet site elevation (SE)  
                       126 feet above ground level (AGL)  
                       978 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 126 feet above ground level (978 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

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- (a) extended, revised or terminated by the issuing office.
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If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2224-OE.

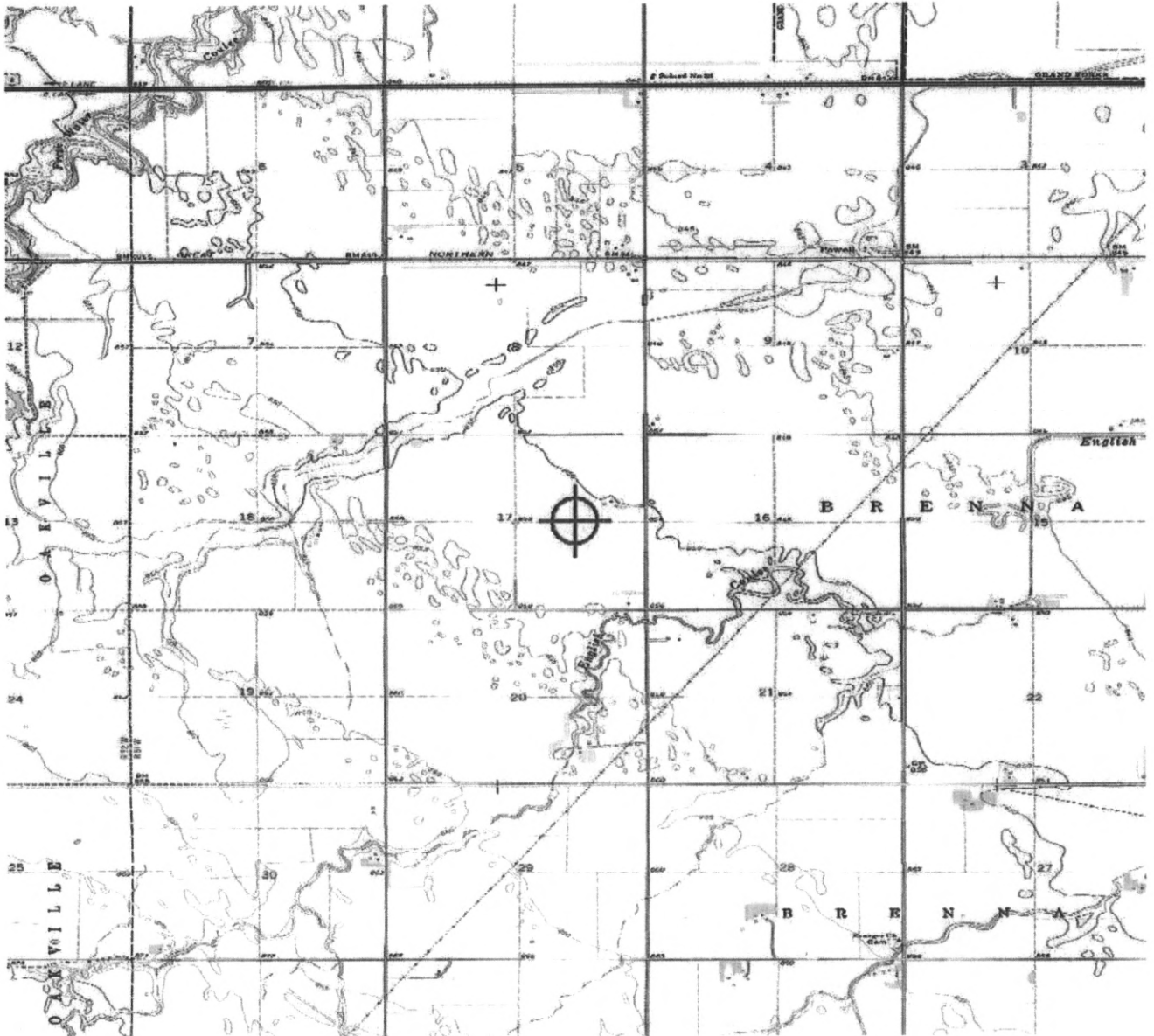
**Signature Control No: 161508668-162218552**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2224-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2225-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1303
Location:	Grand Forks, ND
Latitude:	47-53-49.03N NAD 83
Longitude:	97-11-54.11W
Heights:	851 feet site elevation (SE) 80 feet above ground level (AGL) 931 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 80 feet above ground level (931 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

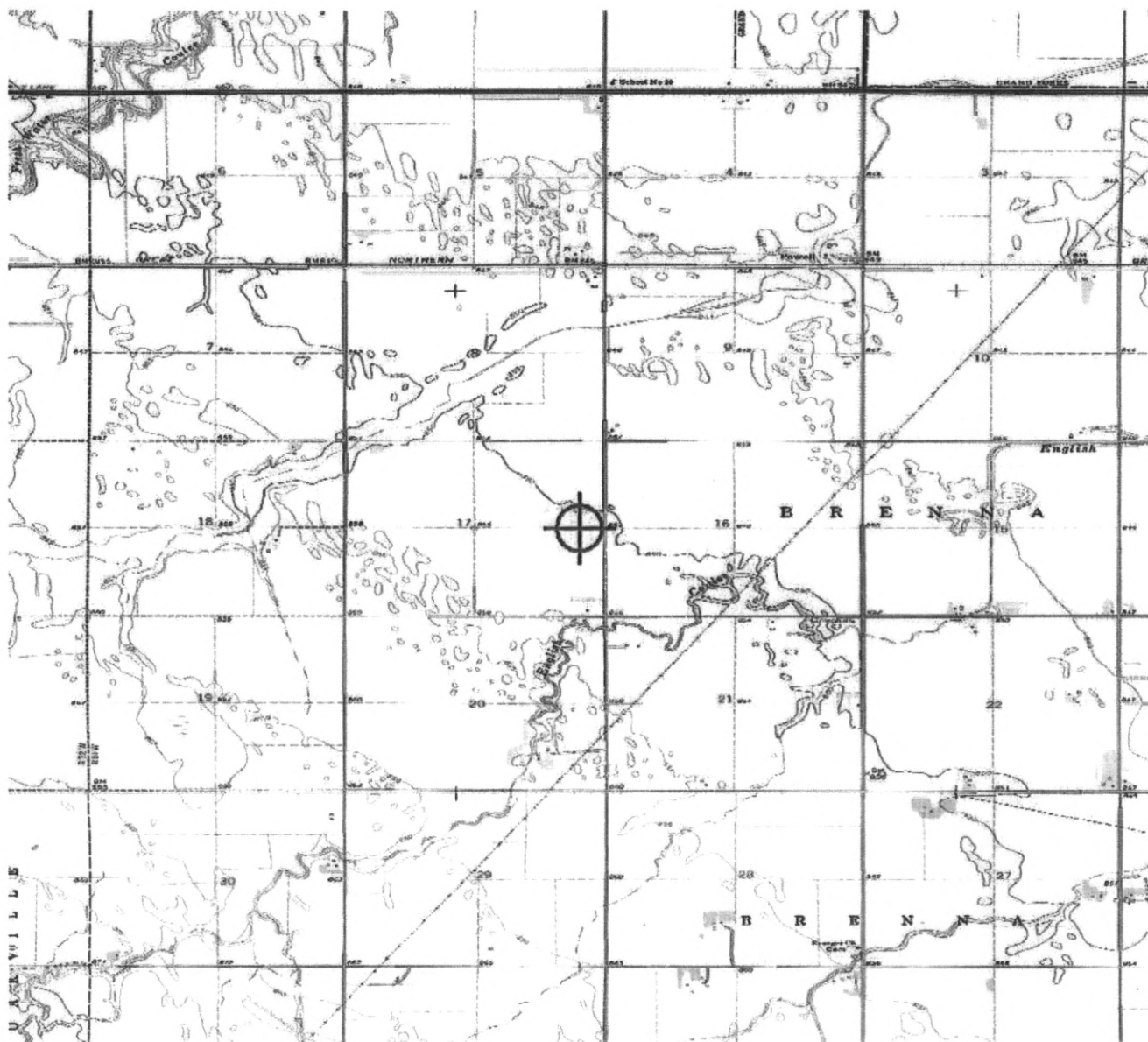
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2225-OE.

**Signature Control No: 161508669-162218549**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2225-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2226-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1304
Location:	Grand Forks, ND
Latitude:	47-53-48.99N NAD 83
Longitude:	97-11-43.30W
Heights:	851 feet site elevation (SE)
	80 feet above ground level (AGL)
	931 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 80 feet above ground level (931 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

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This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

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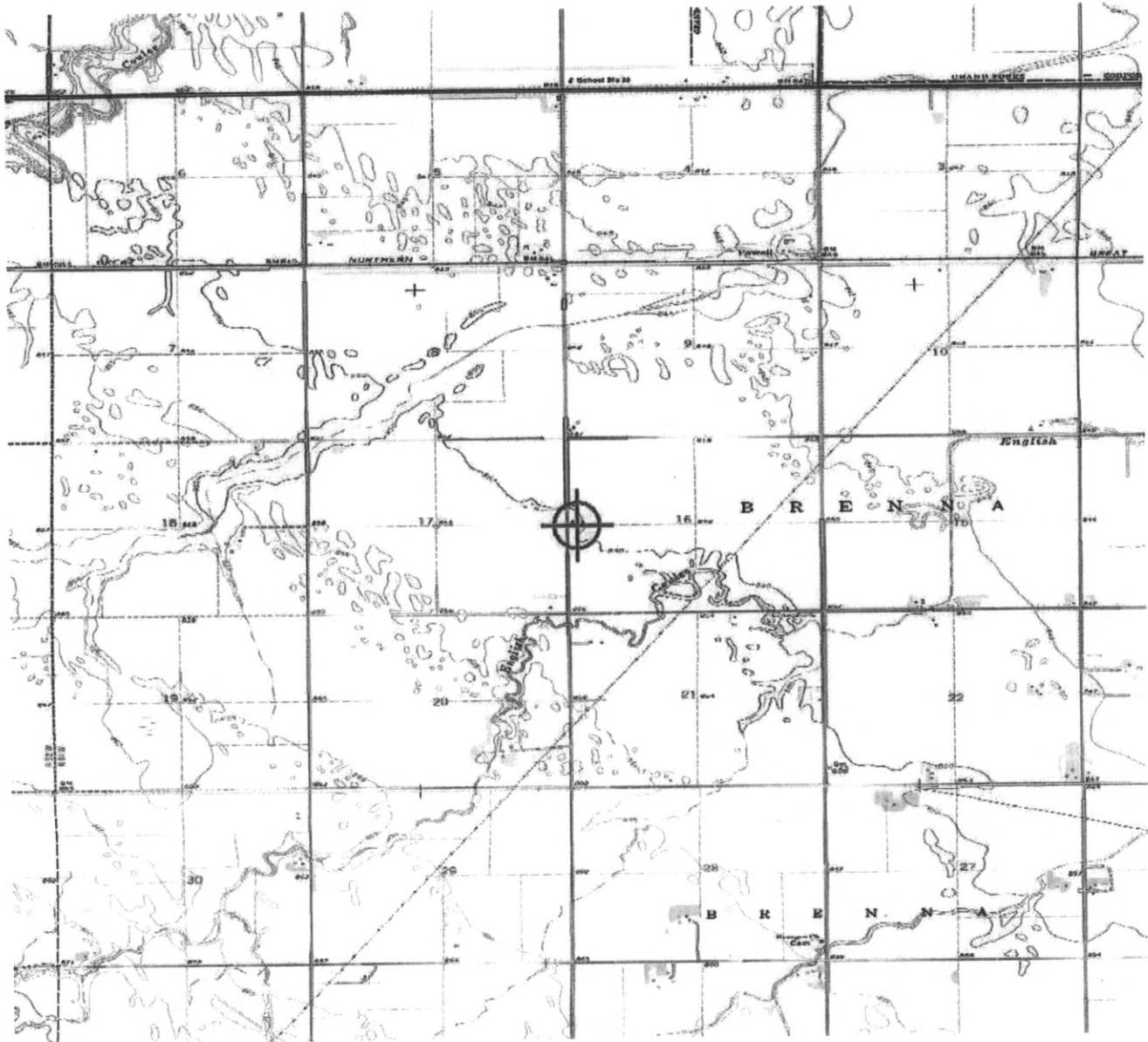
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2226-OE.

**Signature Control No: 161508670-162218544**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2226-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2215-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1293
Location:	Grand Forks, ND
Latitude:	47-53-49.11N NAD 83
Longitude:	97-14-22.56W
Heights:	859 feet site elevation (SE) 126 feet above ground level (AGL) 985 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 126 feet above ground level (985 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2215-OE.

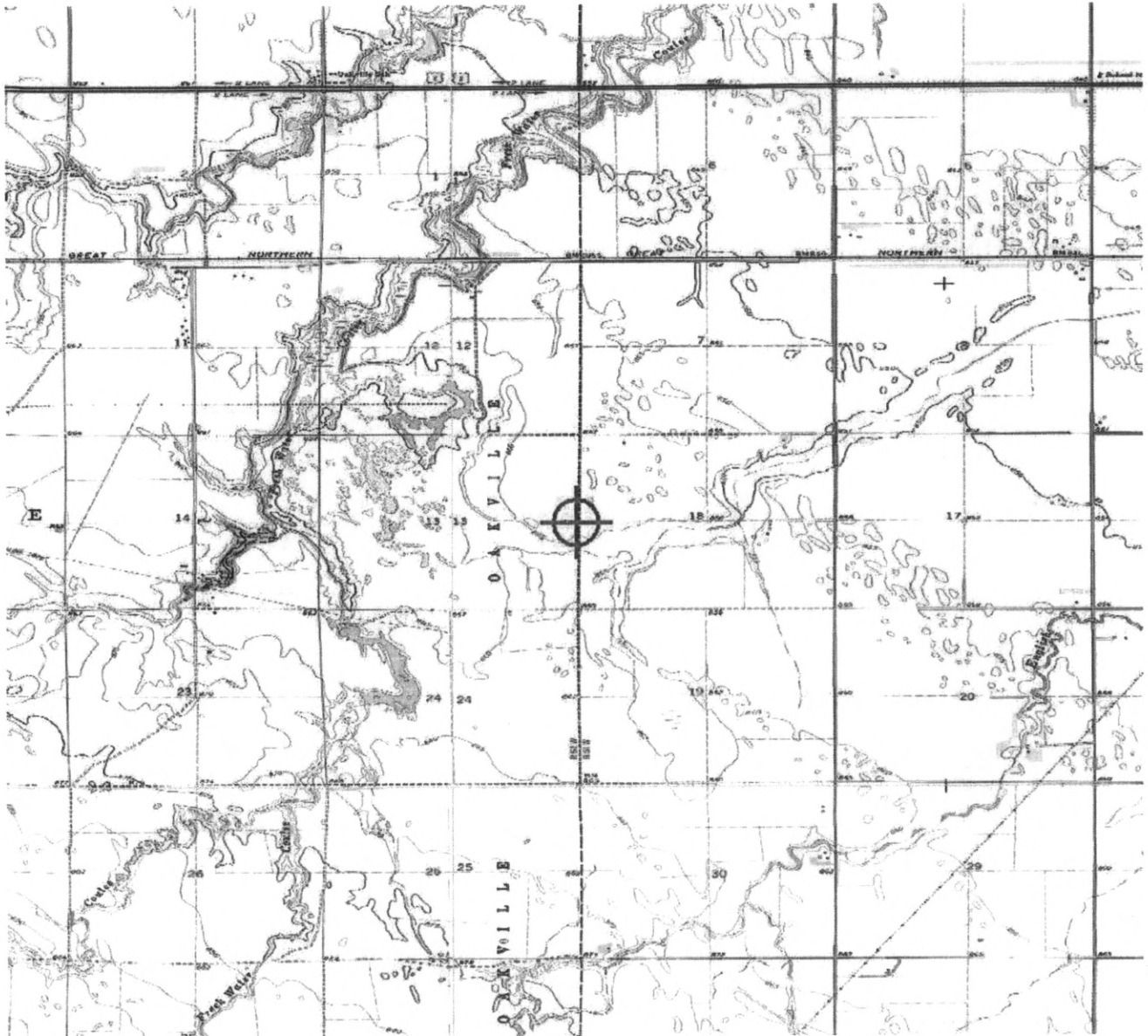
**Signature Control No: 161508658-162218537**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2215-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2216-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1294
Location:	Grand Forks, ND
Latitude:	47-53-49.15N NAD 83
Longitude:	97-14-07.54W
Heights:	858 feet site elevation (SE) 126 feet above ground level (AGL) 984 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 126 feet above ground level (984 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

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If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2216-OE.

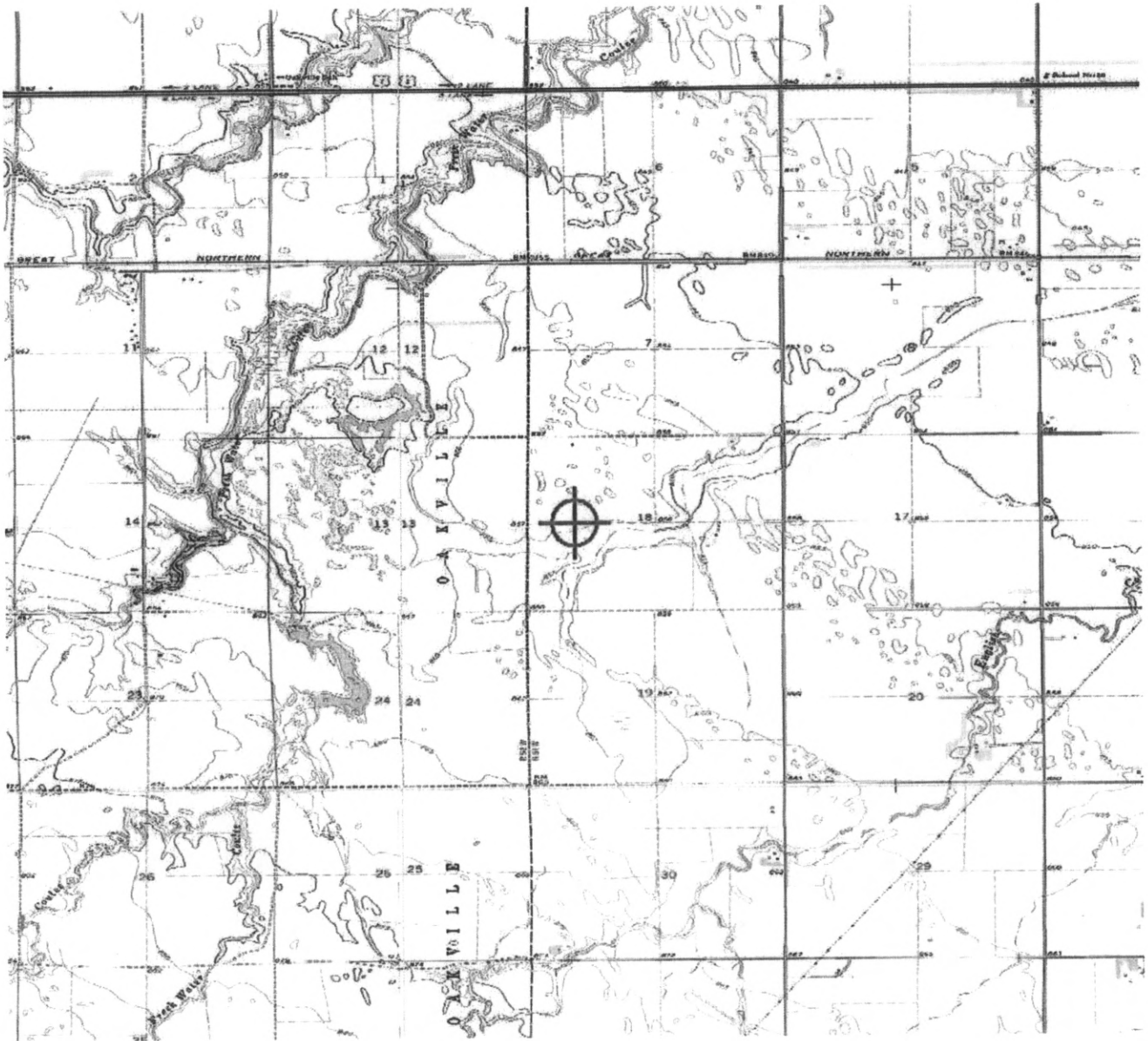
**Signature Control No: 161508660-162218548**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2216-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2217-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1295
Location:	Grand Forks, ND
Latitude:	47-53-49.19N NAD 83
Longitude:	97-13-51.94W
Heights:	855 feet site elevation (SE)
	126 feet above ground level (AGL)
	981 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
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This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2217-OE.

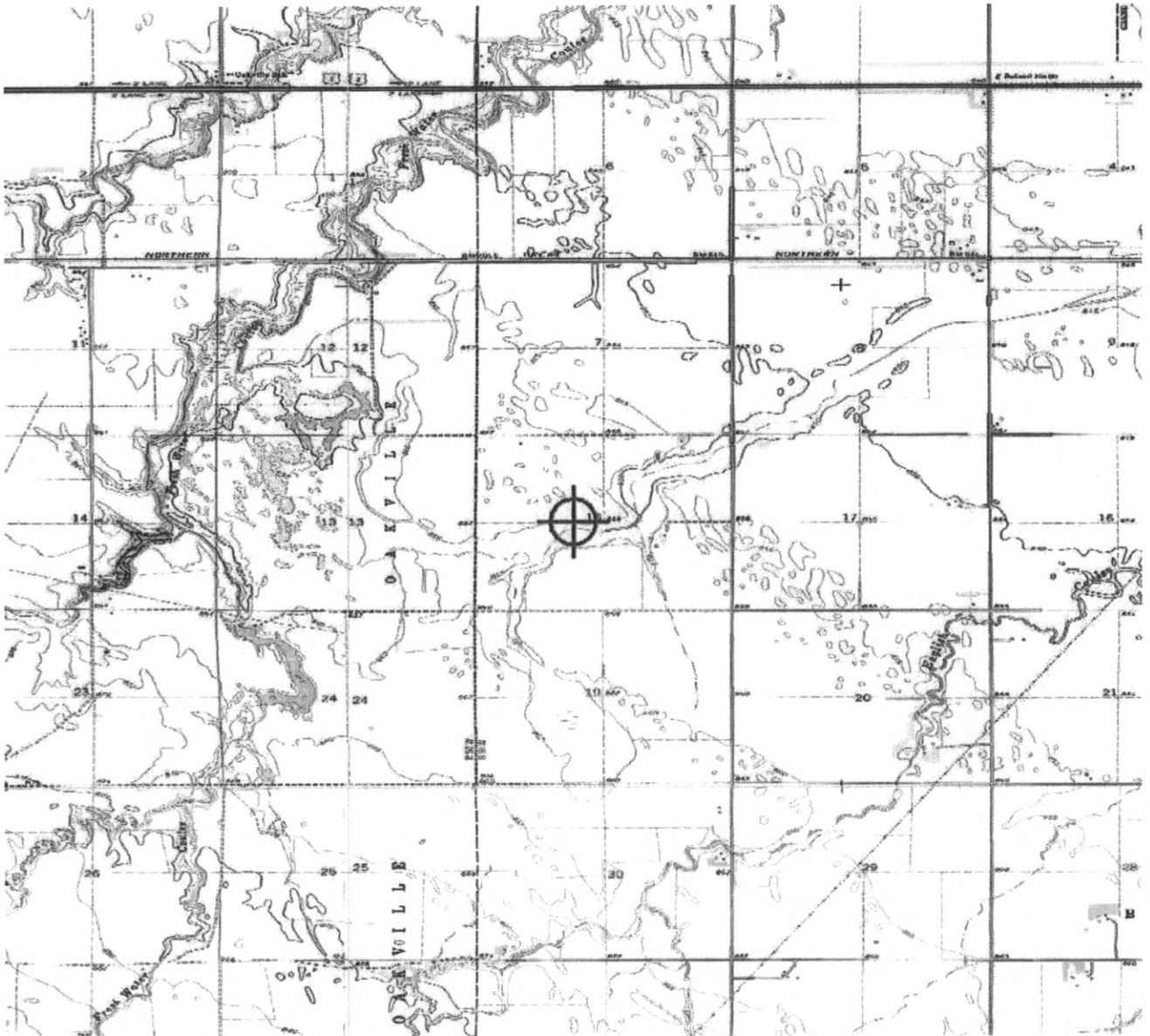
**Signature Control No: 161508661-162218541**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2217-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2218-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1296
Location:	Grand Forks, ND
Latitude:	47-53-49.24N NAD 83
Longitude:	97-13-36.43W
Heights:	852 feet site elevation (SE) 126 feet above ground level (AGL) 978 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 126 feet above ground level (978 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2218-OE.

**Signature Control No: 161508662-162218547**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2219-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1297
Location:	Grand Forks, ND
Latitude:	47-53-49.28N NAD 83
Longitude:	97-13-20.75W
Heights:	859 feet site elevation (SE) 131 feet above ground level (AGL) 990 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 131 feet above ground level (990 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2219-OE.

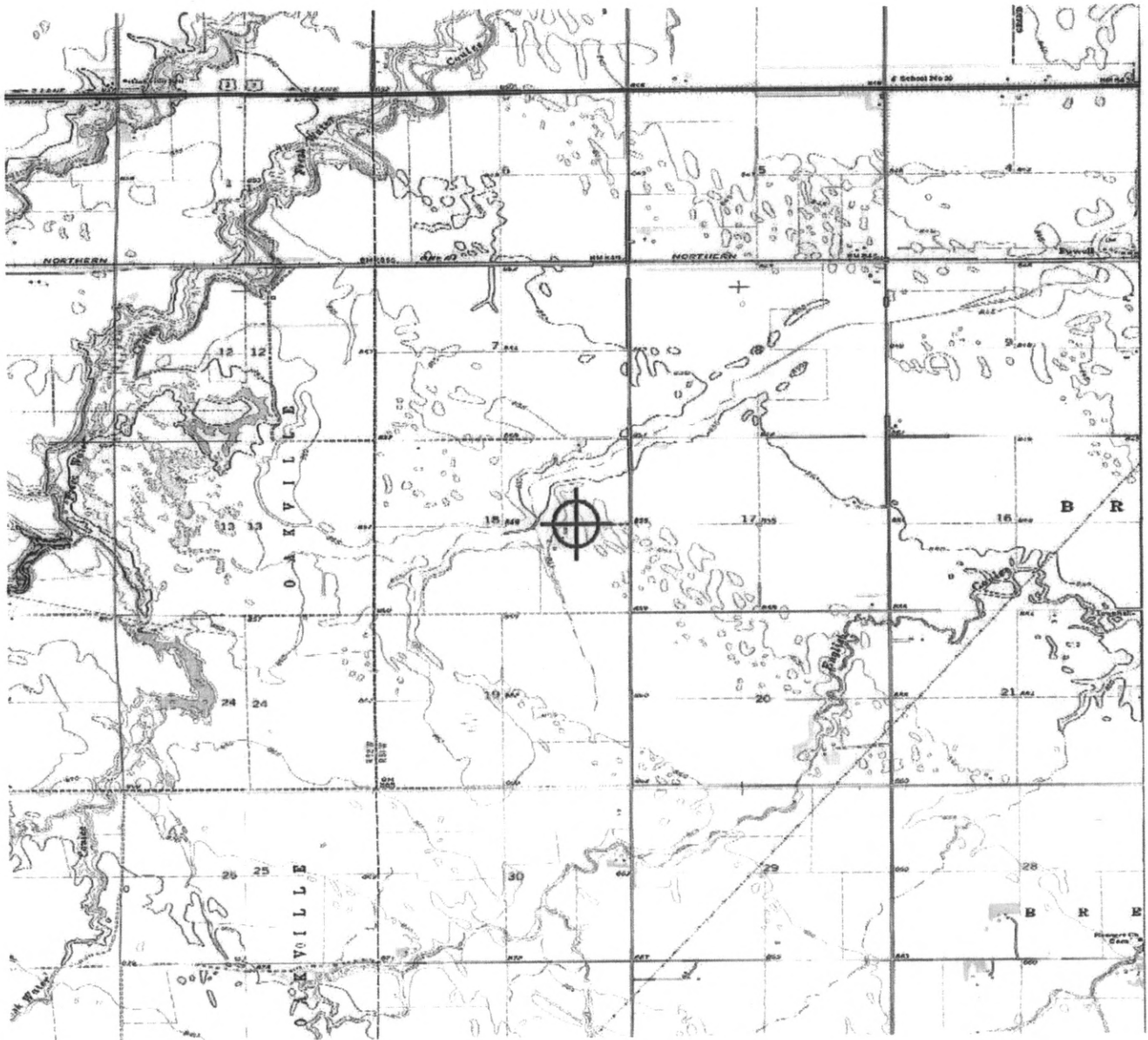
**Signature Control No: 161508663-162218546**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2219-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2220-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1298
Location:	Grand Forks, ND
Latitude:	47-53-49.32N NAD 83
Longitude:	97-13-04.80W
Heights:	855 feet site elevation (SE) 141 feet above ground level (AGL) 996 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 141 feet above ground level (996 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2220-OE.

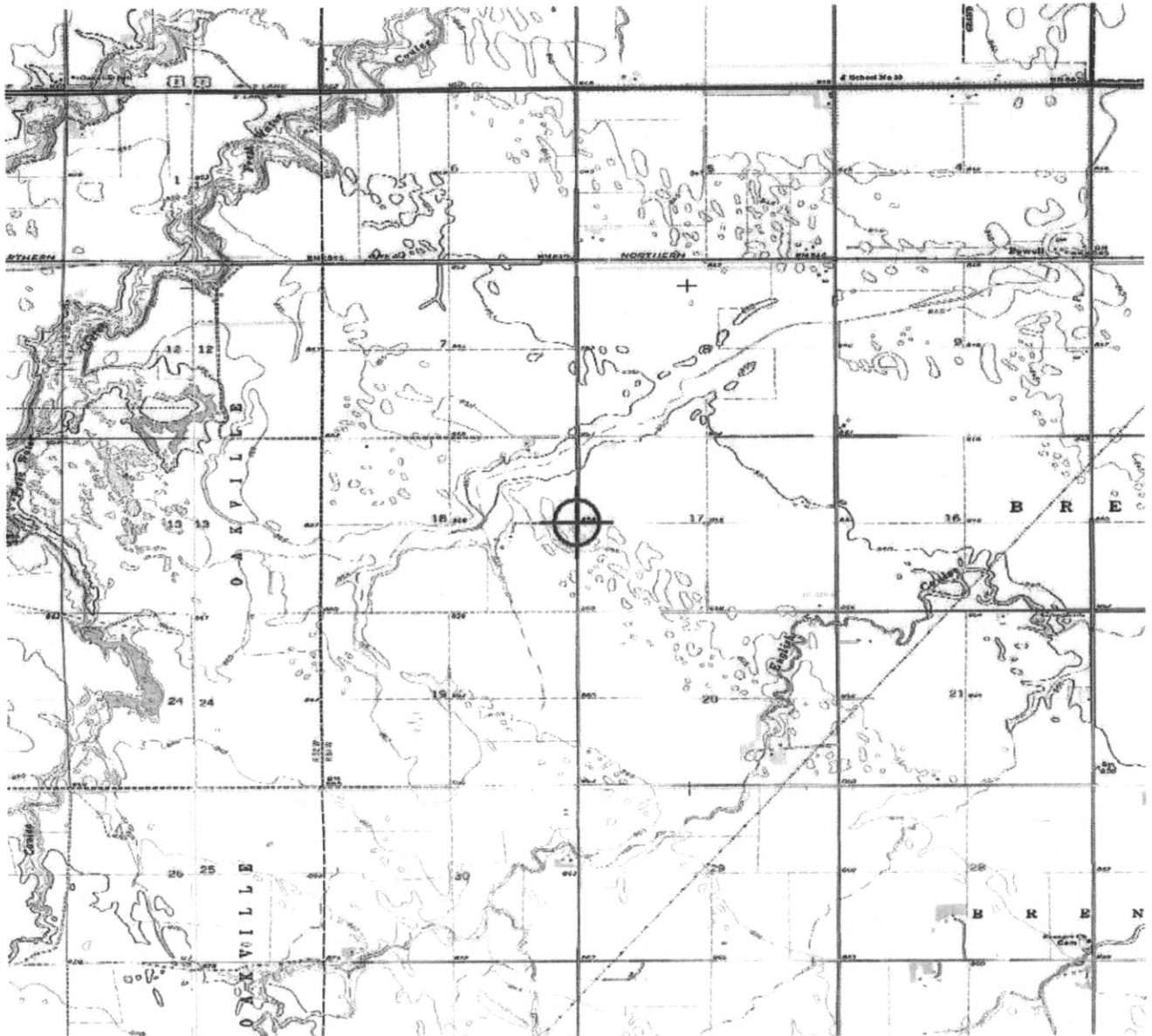
**Signature Control No: 161508664-162218550**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2220-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2221-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1299
Location:	Grand Forks, ND
Latitude:	47-53-49.26N NAD 83
Longitude:	97-12-49.96W
Heights:	854 feet site elevation (SE) 131 feet above ground level (AGL) 985 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 131 feet above ground level (985 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2221-OE.

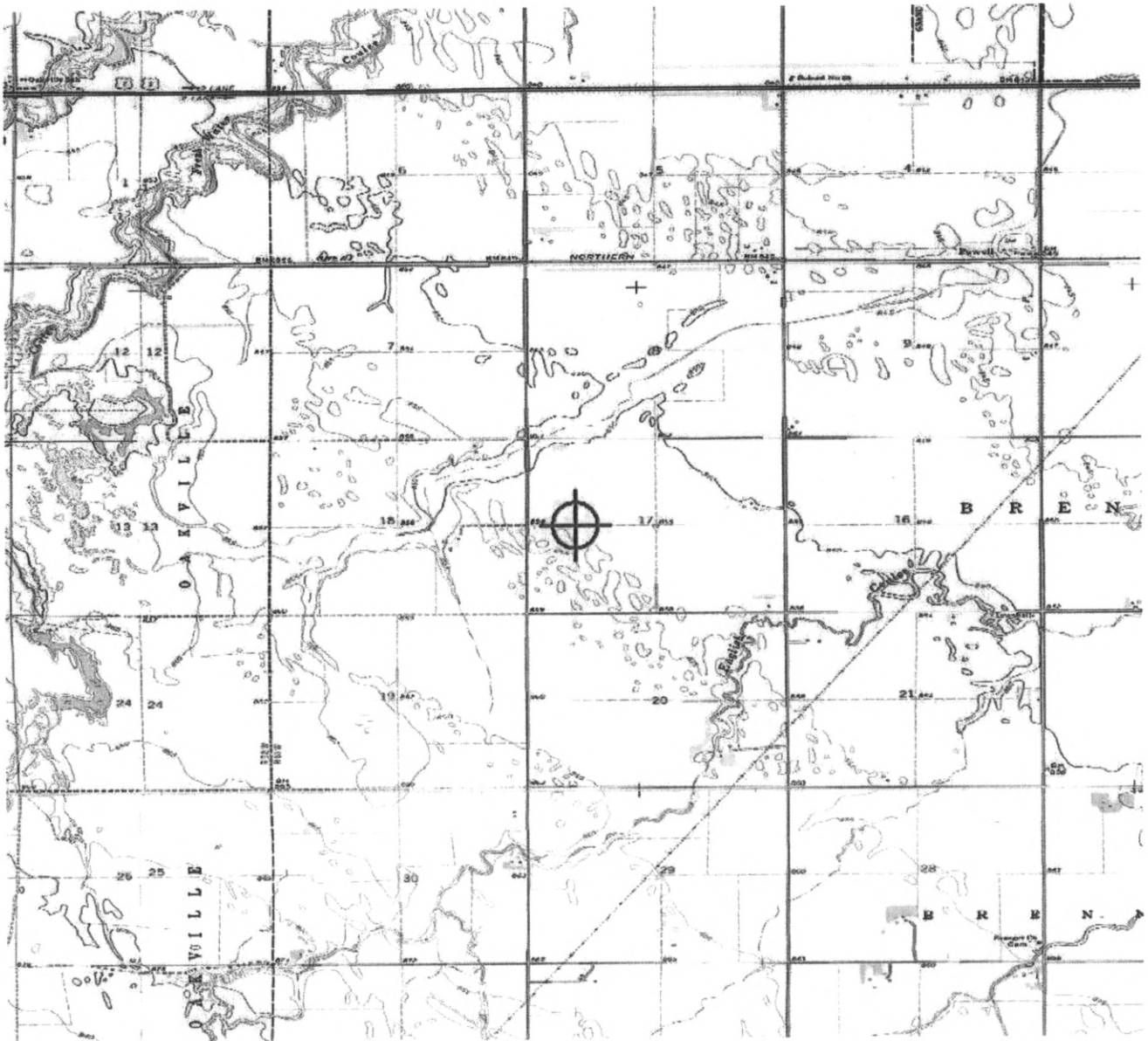
**Signature Control No: 161508665-162218543**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2221-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2222-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1300
Location:	Grand Forks, ND
Latitude:	47-53-49.20N NAD 83
Longitude:	97-12-35.70W
Heights:	854 feet site elevation (SE)
	131 feet above ground level (AGL)
	985 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 131 feet above ground level (985 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

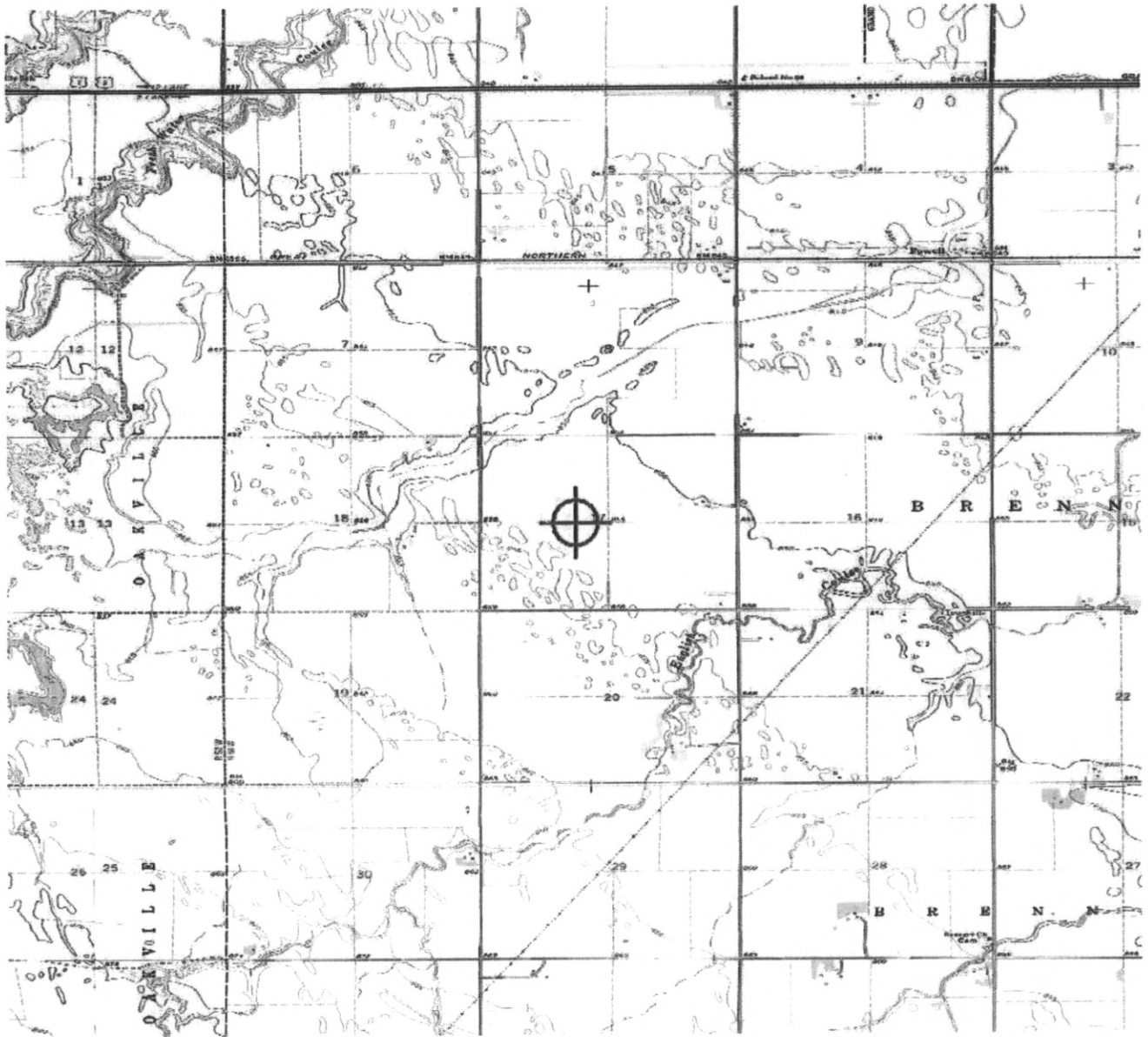
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2222-OE.

**Signature Control No: 161508666-162218555**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2222-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2227-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure: Transmission Line 1305  
 Location: Grand Forks, ND  
 Latitude: 47-53-48.96N NAD 83  
 Longitude: 97-11-32.41W  
 Heights: 850 feet site elevation (SE)  
 80 feet above ground level (AGL)  
 930 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 80 feet above ground level (930 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2227-OE.

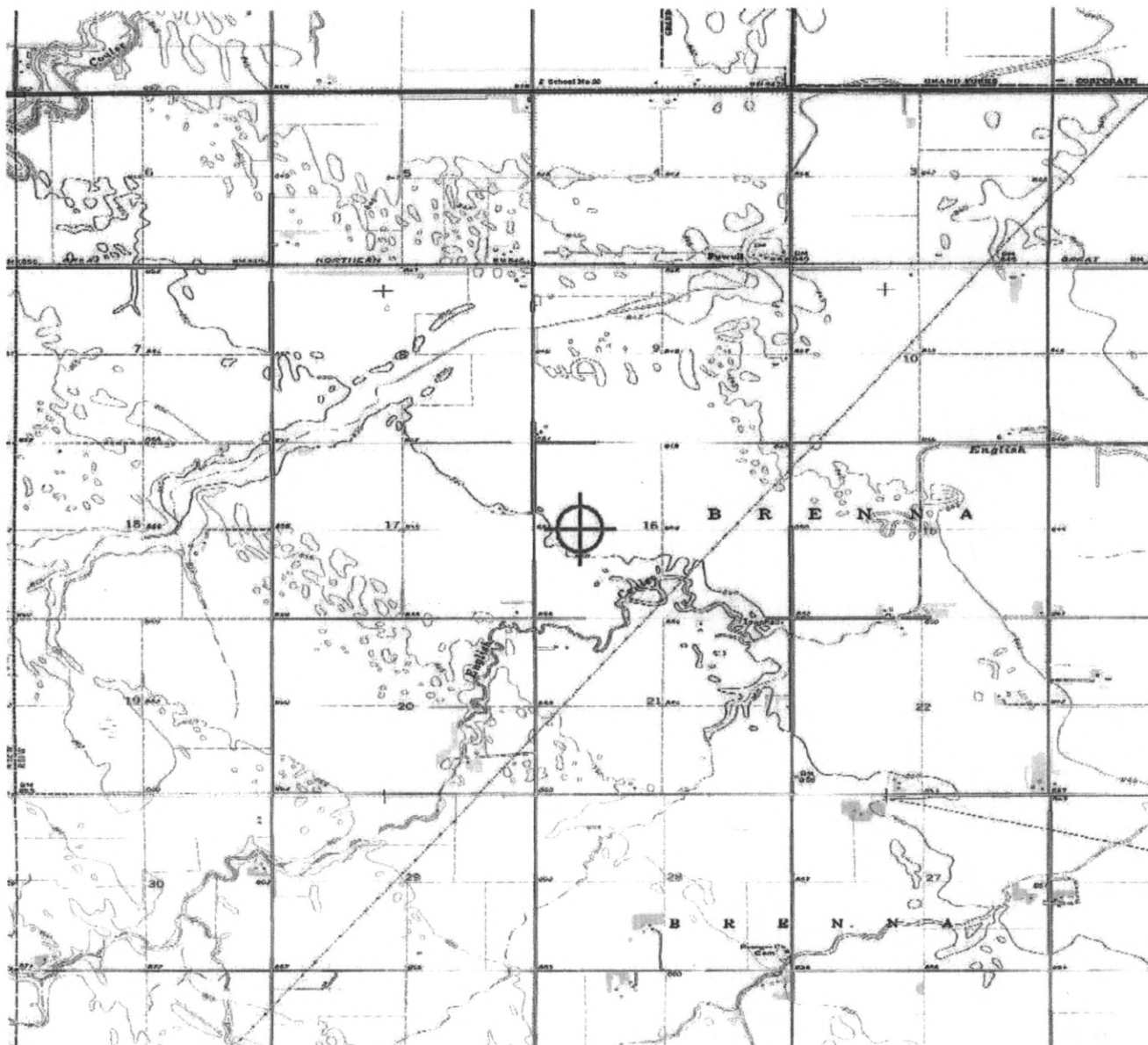
**Signature Control No: 161508671-162218553**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2227-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2228-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1306
Location:	Grand Forks, ND
Latitude:	47-53-48.93N NAD 83
Longitude:	97-11-23.43W
Heights:	850 feet site elevation (SE) 60 feet above ground level (AGL) 910 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 60 feet above ground level (910 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

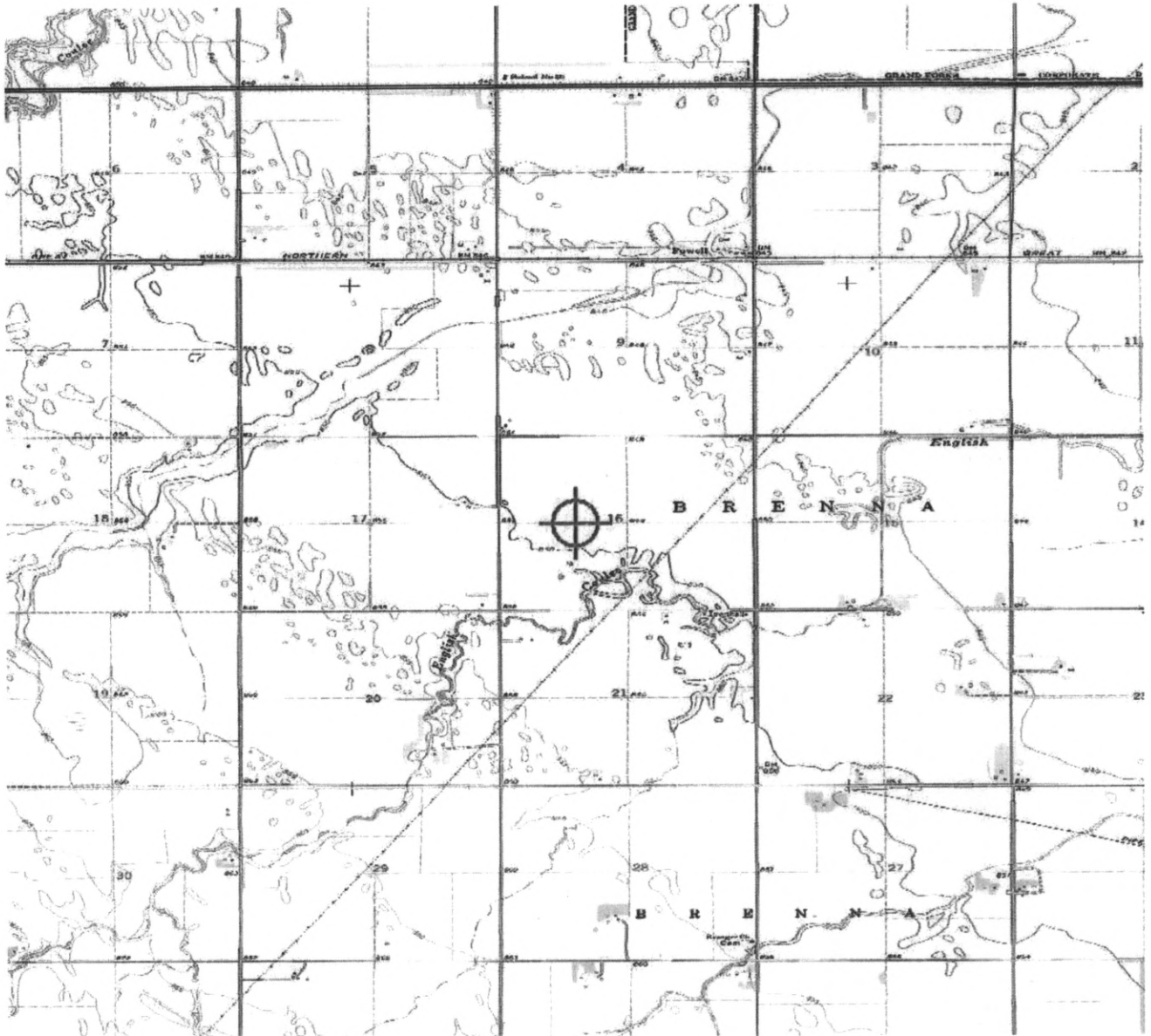
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2228-OE.

**Signature Control No: 161508672-162218536**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2228-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2229-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1307
Location:	Grand Forks, ND
Latitude:	47-53-48.91N NAD 83
Longitude:	97-11-16.82W
Heights:	850 feet site elevation (SE)
	60 feet above ground level (AGL)
	910 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 60 feet above ground level (910 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

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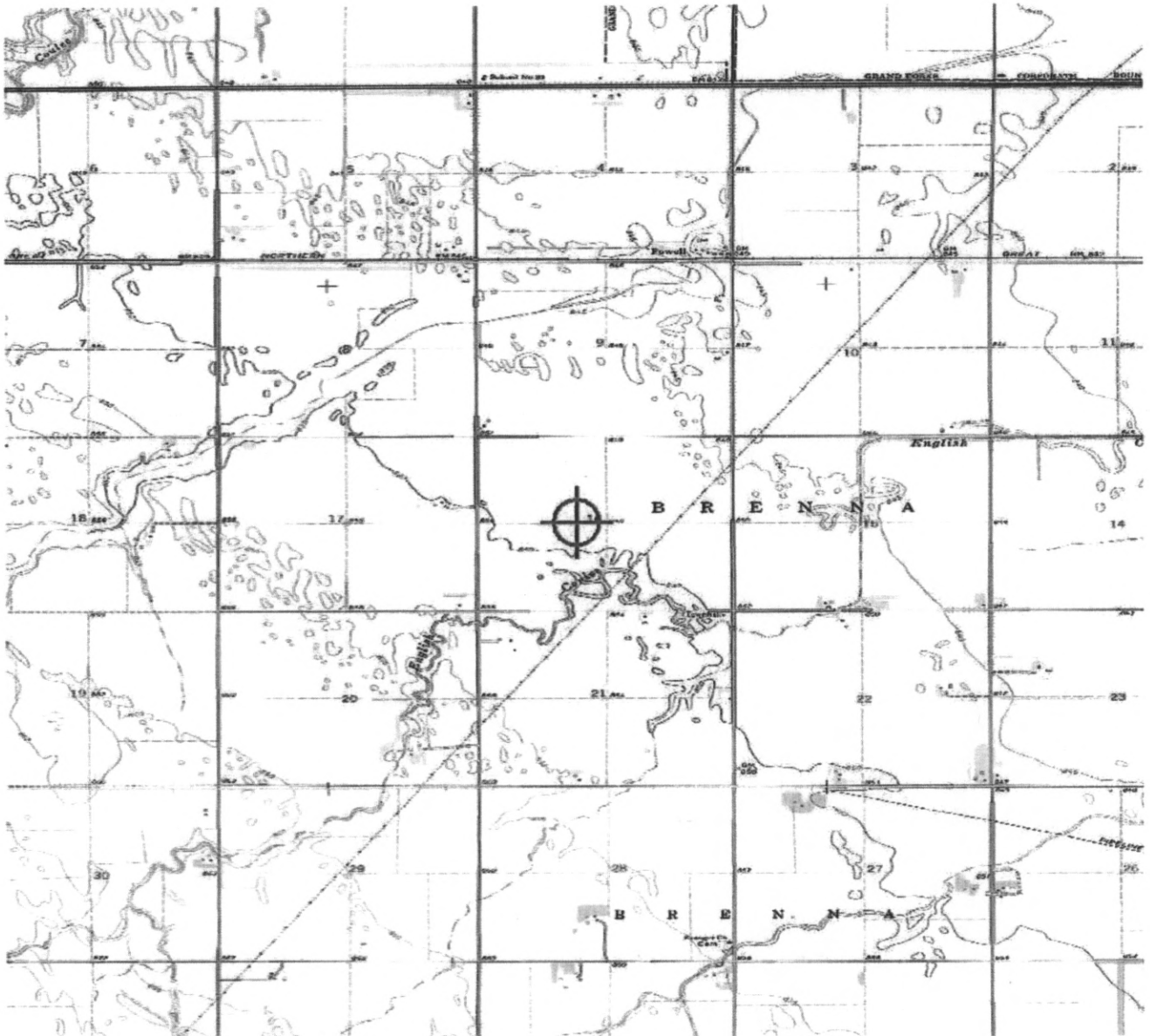
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2229-OE.

**Signature Control No: 161508673-162218545**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2229-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2230-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1308
Location:	Grand Forks, ND
Latitude:	47-53-48.89N NAD 83
Longitude:	97-11-09.87W
Heights:	849 feet site elevation (SE) 60 feet above ground level (AGL) 909 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 60 feet above ground level (909 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
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NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2230-OE.

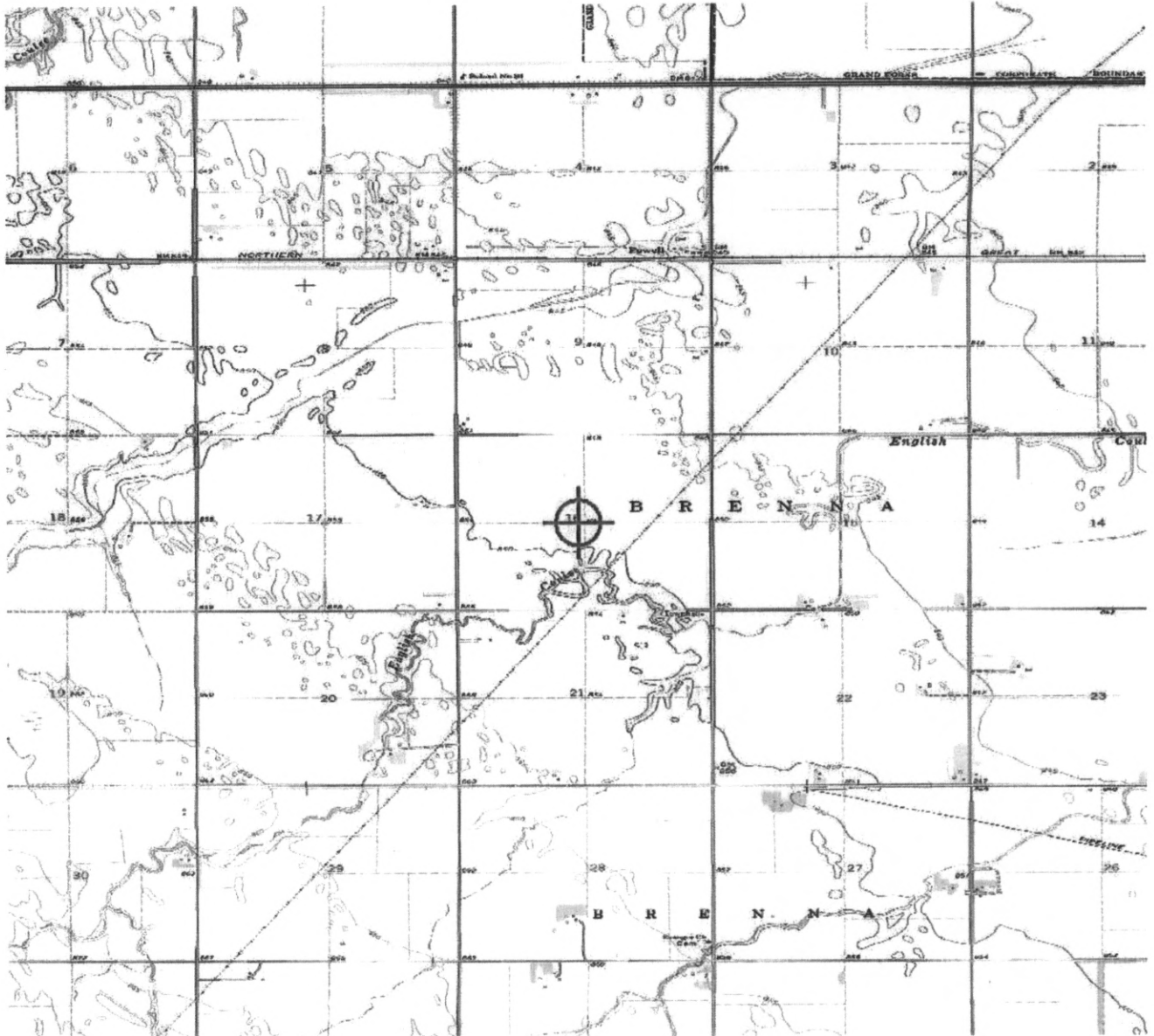
**Signature Control No: 161508674-162218542**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2230-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2231-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1309
Location:	Grand Forks, ND
Latitude:	47-53-48.87N NAD 83
Longitude:	97-11-02.97W
Heights:	848 feet site elevation (SE)
	60 feet above ground level (AGL)
	908 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 60 feet above ground level (908 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

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NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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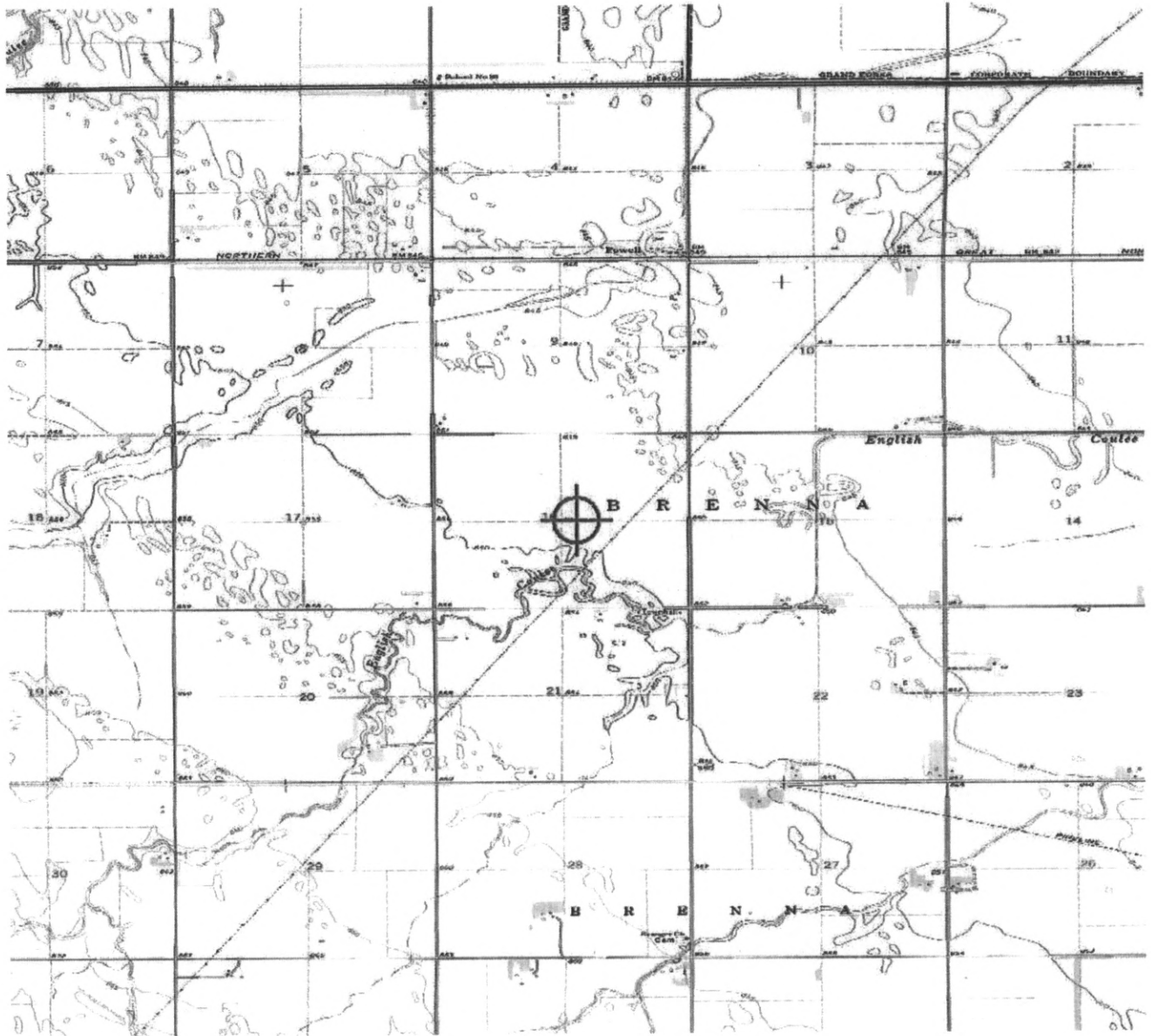
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2231-OE.

**Signature Control No: 161508675-162218538**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2231-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2232-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1310
Location:	Grand Forks, ND
Latitude:	47-53-48.85N NAD 83
Longitude:	97-10-56.01W
Heights:	848 feet site elevation (SE) 60 feet above ground level (AGL) 908 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

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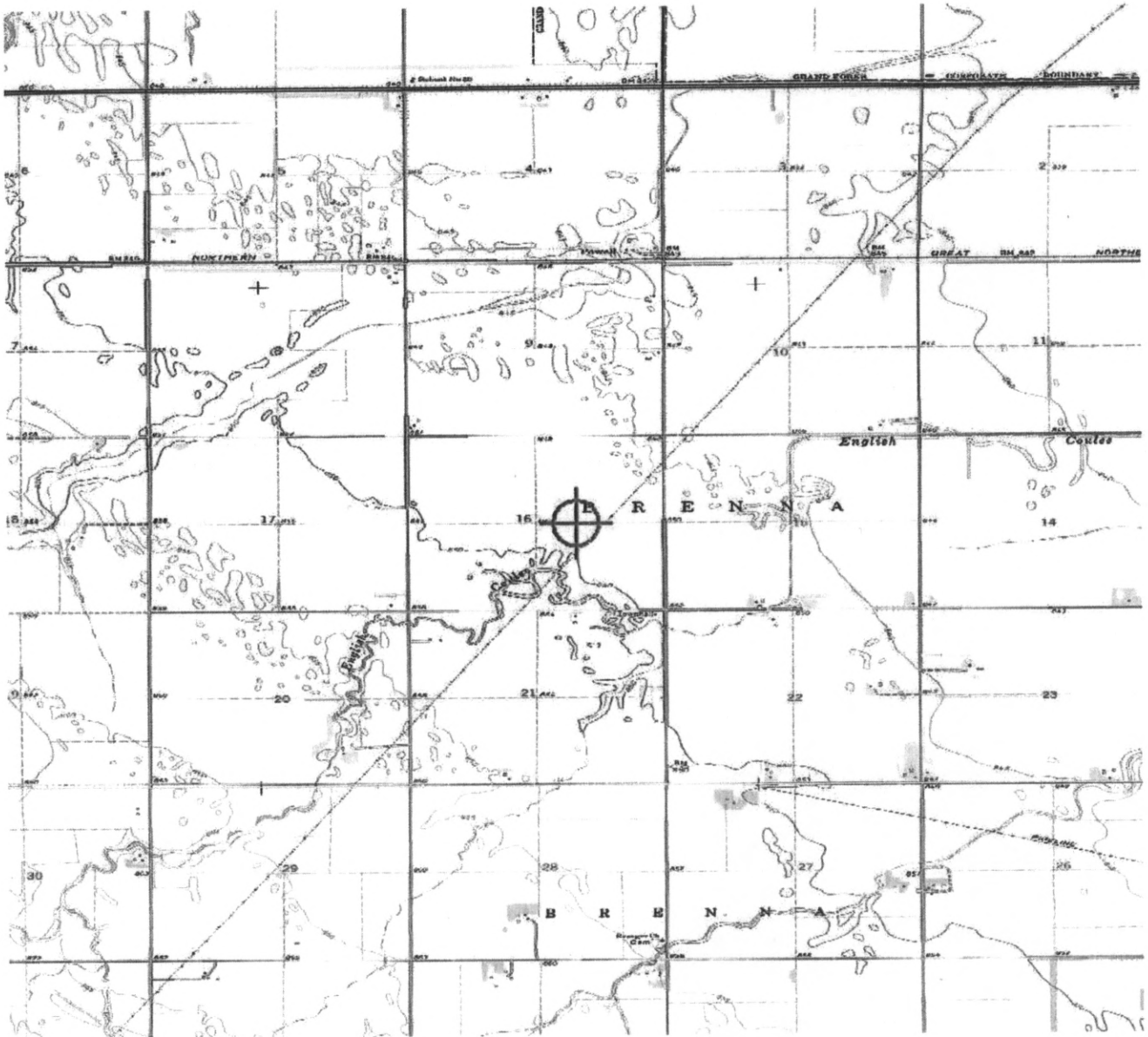
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2232-OE.

**Signature Control No: 161508676-162218554**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2232-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2233-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:           Transmission Line 1311  
Location:           Grand Forks, ND  
Latitude:            47-53-48.82N NAD 83  
Longitude:          97-10-48.93W  
Heights:            848 feet site elevation (SE)  
                      60 feet above ground level (AGL)  
                      908 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

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This determination expires on 10/09/2013 unless:

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- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2233-OE.

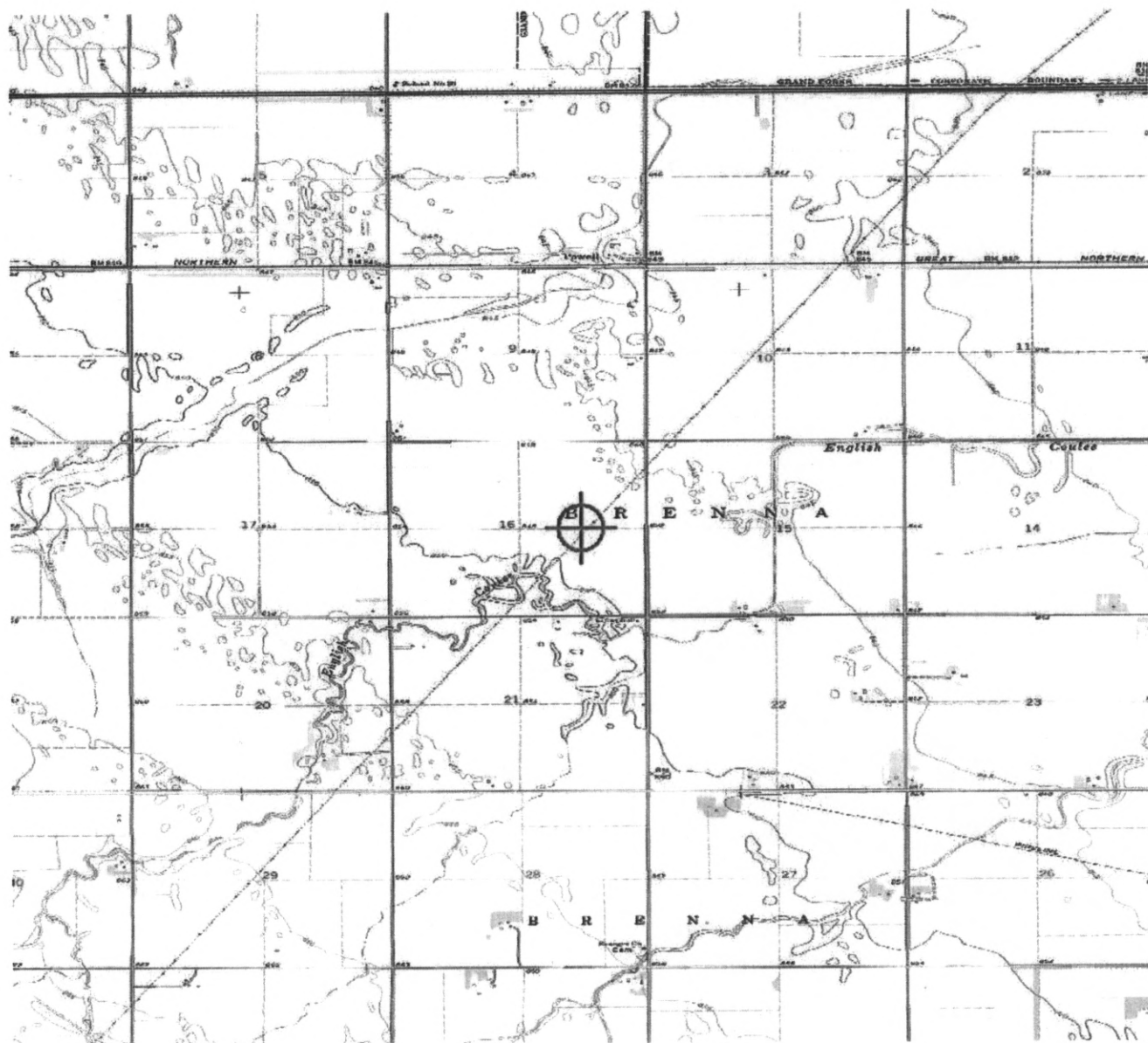
**Signature Control No: 161508677-162218539**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2233-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2234-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1312
Location:	Grand Forks, ND
Latitude:	47-53-48.82N NAD 83
Longitude:	97-10-46.45W
Heights:	848 feet site elevation (SE) 60 feet above ground level (AGL) 908 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)  
 Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

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If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2234-OE.

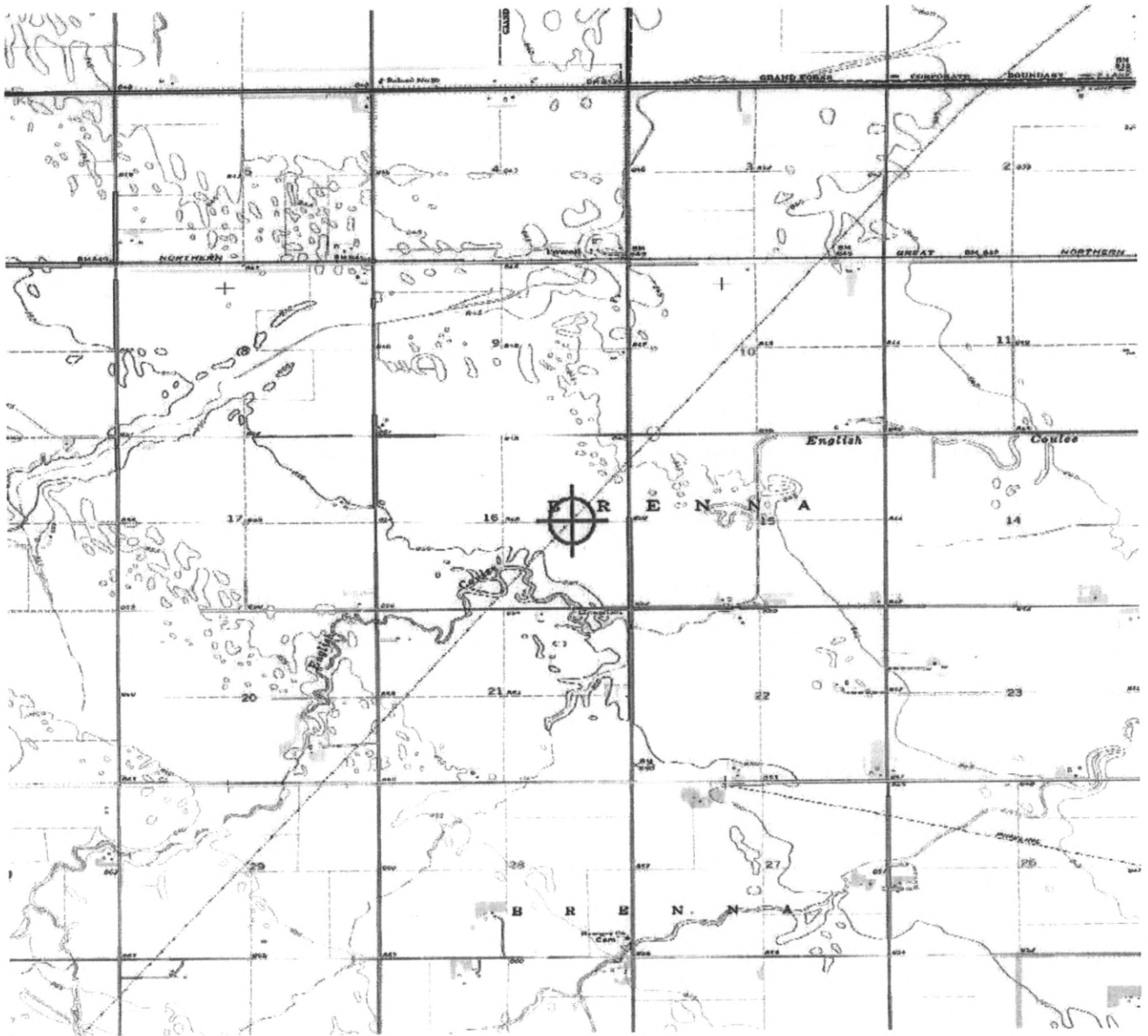
**Signature Control No: 161508678-162218540**

( DNE )

Fred Souchet  
Specialist

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2234-OE





Mail Processing Center  
Federal Aviation Administration  
Southwest Regional Office  
Obstruction Evaluation Group  
2601 Meacham Boulevard  
Fort Worth, TX 76137

Aeronautical Study No.  
2012-AGL-2235-OE

Issued Date: 04/09/2012

Mike Hennes  
Minnkota Power Cooperative Inc  
1822 Mill Road  
Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1313
Location:	Grand Forks, ND
Latitude:	47-53-48.80N NAD 83
Longitude:	97-10-39.81W
Heights:	848 feet site elevation (SE) 60 feet above ground level (AGL) 908 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

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NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power will void this determination. Any future construction or alteration , including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

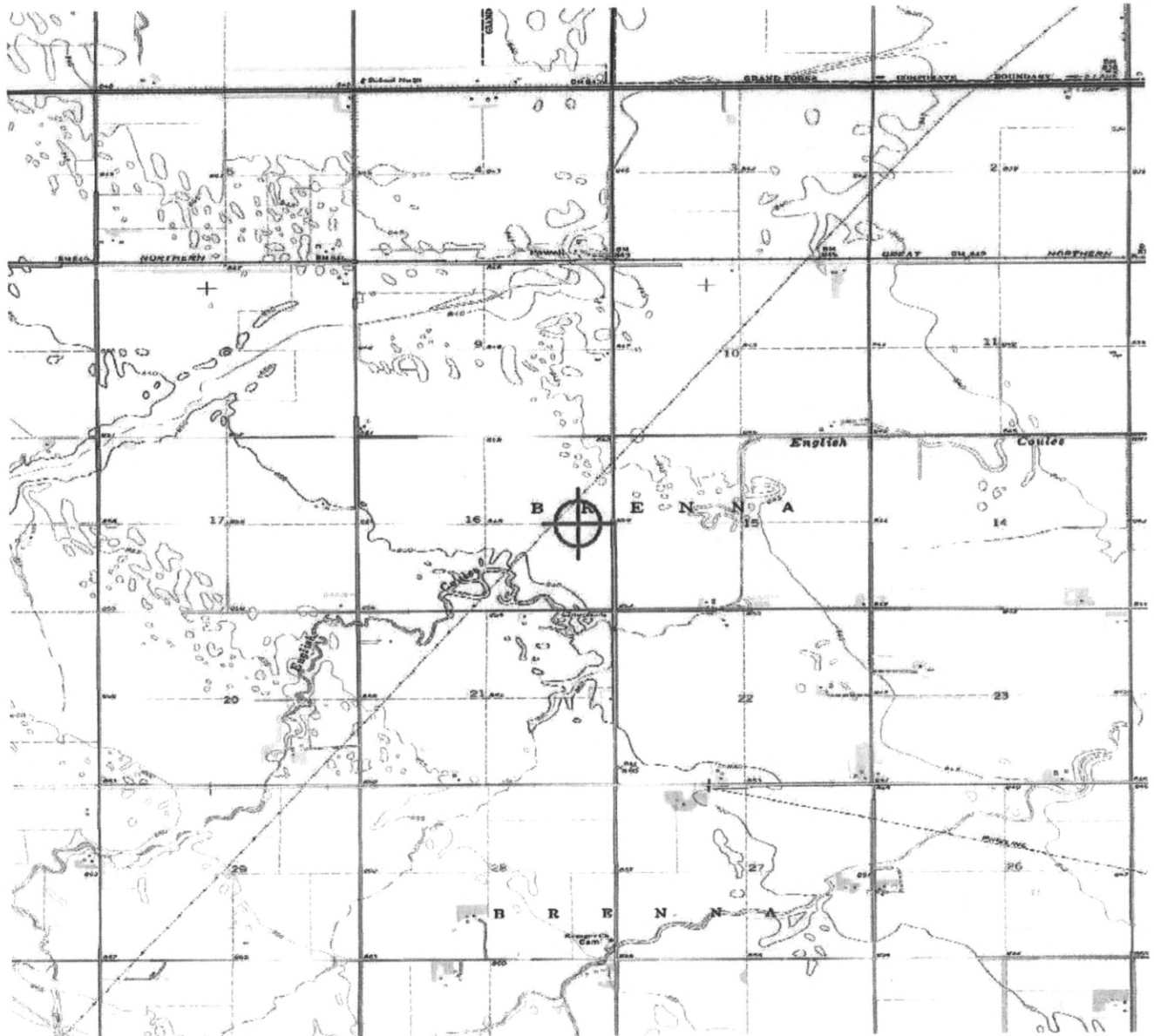
If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2235-OE.

**Signature Control No: 161508679-162218562**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2235-OE





Mail Processing Center  
 Federal Aviation Administration  
 Southwest Regional Office  
 Obstruction Evaluation Group  
 2601 Meacham Boulevard  
 Fort Worth, TX 76137

Aeronautical Study No.  
 2012-AGL-2236-OE

Issued Date: 04/09/2012

Mike Hennes  
 Minnkota Power Cooperative Inc  
 1822 Mill Road  
 Grand Forks, MN 58208

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line 1314
Location:	Grand Forks, ND
Latitude:	47-53-48.77N NAD 83
Longitude:	97-10-32.60W
Heights:	847 feet site elevation (SE)
	60 feet above ground level (AGL)
	907 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part I)
- Within 5 days after the construction reaches its greatest height (7460-2, Part II)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory circular 70/7460-1 K Change 2.

Any height exceeding 60 feet above ground level (907 feet above mean sea level), will result in a substantial adverse effect and would warrant a Determination of Hazard to Air Navigation.

This determination expires on 10/09/2013 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

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If we can be of further assistance, please contact our office at (847) 294-7458. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2012-AGL-2236-OE.

**Signature Control No: 161508680-162218563**  
Fred Souchet  
Specialist

( DNE )

Attachment(s)  
Map(s)

TOPO Map for ASN 2012-AGL-2236-OE

