

# Information for File #2012-00732-DWW

**Applicant** Northeast Service Cooperative; 5525 Emerald Avenue, Mountain Iron, Minnesota 55768; (218)748-7600

**Agent** Compass Consultants, Inc.; 150 Second Street SW, Perham, Minnesota 56573 (218) 346-3600

**Corps Contact** Daryl Wierzbinski, 1554 Highway 2, Suite 2, Two Harbors, Minnesota 55616

**E-Mail** daryl.w.wierzbinski@usace.army.mil

**Phone** (651) 290-5691

**Primary County** Carlton and St. Louis

**Legal Description** Section 2, T. 48N., R. 17W., Carlton County  
Sections 4, 8, 9, 16, 17, 21, 22 and 28, T. 49N., R. 17W., Carlton County  
Section 31, T. 50N., R. 17W., St. Louis County

**Information Complete** **July 8, 2013**

**Posting Expires** **September 29, 2013**

**Authorization Type** LOP-10-FDL

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act.

## **PROJECT DESCRIPTION AND PURPOSE:**

Northeast Service Cooperative is proposing to install broadband infrastructure (fiber cable) within existing road right-of-ways on the Fond du Lac Reservation. The fiber cable for Phase (II) would be installed using the vibratory cable plow and directional boring procedures. The fiber cable would be placed across 1,587 square feet of wetlands and Squaw Creek (two locations) on the Fond du Lac Reservation.

## **NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:**

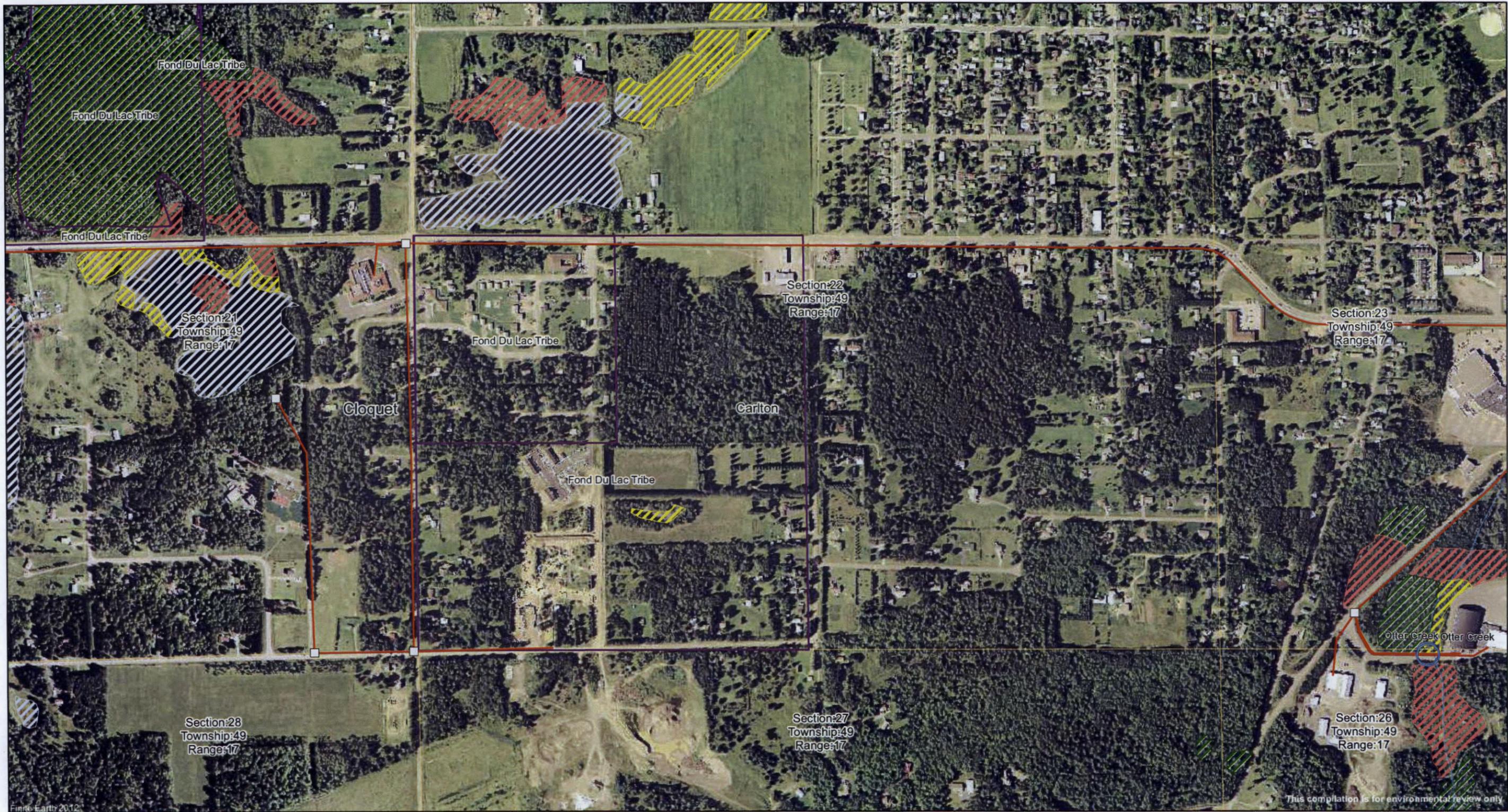
The Phase (II) project would result in crossing 1,587 square feet of wetlands adjacent to tributaries to St. Louis River and crossing approximately 20 linear feet of Squaw Creek on the Fond du Lac Reservation. The wetlands should revert back to pre-project conditions along the project corridor. The water crossing would be directionally bored, thus there would be no direct or indirect impacts to the creek or creek banks.

This project could be exempt under Section 404 of the Clean Water Act; equipment that is capable of plowing (vibratory plow) or knifing the fiber cable into the ground in one single operation, does not require a Clean Water Act permit. However, if the work across the wetlands would be graded and/or smoothed then a Corps permit would be required.

## **COMPENSATORY MITIGATION:**

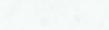
Compensatory mitigation may be required by the Fond du Lac Band at a ratio of 1.25:1.

**Drawings** See attached, below.

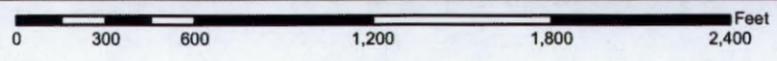


Finite Earth 2012

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MNDNR, FWS NWI, ESRI LMIC FSA 2010

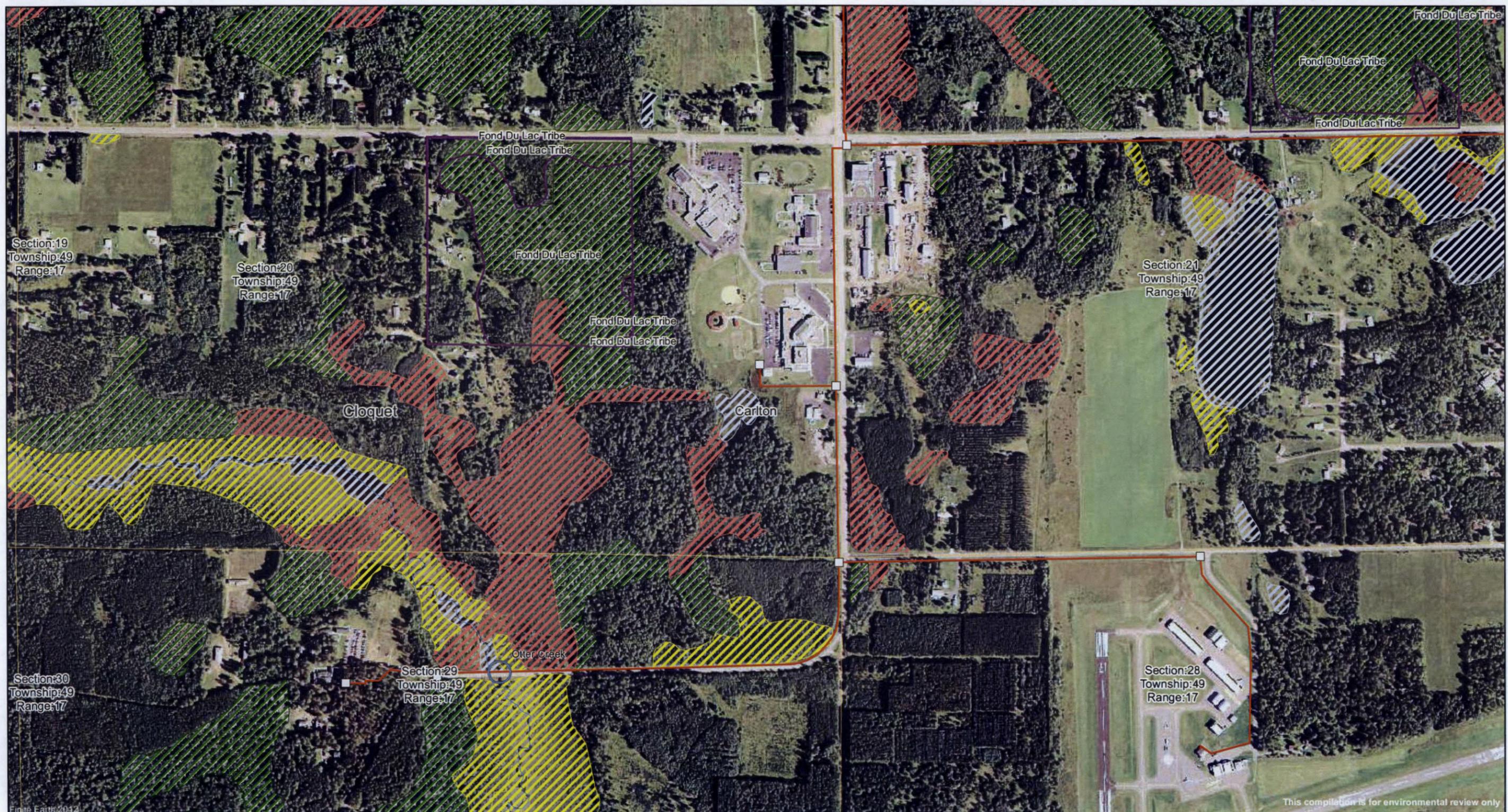
-  PEM Emergent Wetlands
-  PSS Scrub-Shrub Wetlands
-  PFO Forested Wetlands
-  L Lacustrine Wetlands
-  PAB Aquatic Beds Wetlands
-  PUB Unconsolidated Bottom Wetlands
-  R Riverine Wetlands
-  Stream

Crossing: 903 Feet  
 Crossing: 96 Feet  
 Crossing: 109 Feet

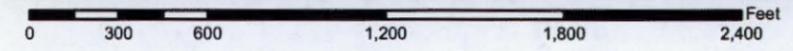


-  Water Crossing
-  Cable Alignment
-  Vault Box
-  Phase I Cable

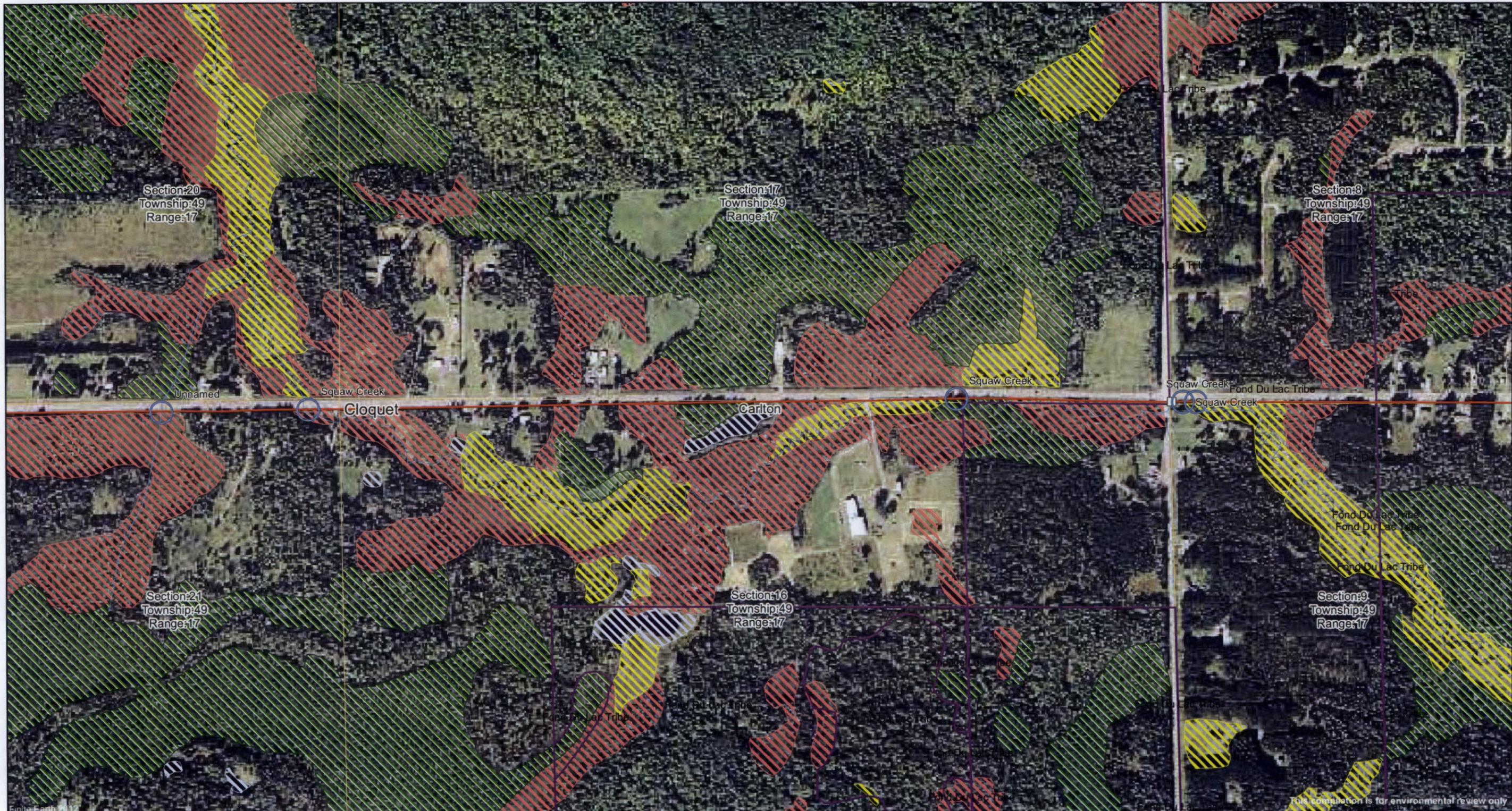
2012-00732-DWW  
 Drawing 1 of 6



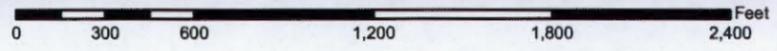
-  PEM Emergent Wetlands
  -  PSS Scrub-Shrub Wetlands
  -  PFO Forested Wetlands
  -  L Lacustrine Wetlands
  -  PAB Aquatic Beds Wetlands
  -  PUB Unconsolidated Bottom Wetlands
  -  R Riverine Wetlands
  -  Stream
- Crossing: 945 Feet
- Crossing: 674 Feet
- Crossing: 19 Feet



-  Water Crossing
-  Cable Alignment
-  Vault Box
-  Phase I Cable



- PEM Emergent Wetlands
  - PSS Scrub-Shrub Wetlands
  - PFO Forested Wetlands
  - L Lacustrine Wetlands
  - PAB Aquatic Beds Wetlands
  - PUB Unconsolidated Bottom Wetlands
  - R Riverine Wetlands
  - Stream
- Crossing: 1035 Feet  
 Crossing: 3869 Feet  
 Crossing: 263 Feet  
 Crossing: 83 Feet

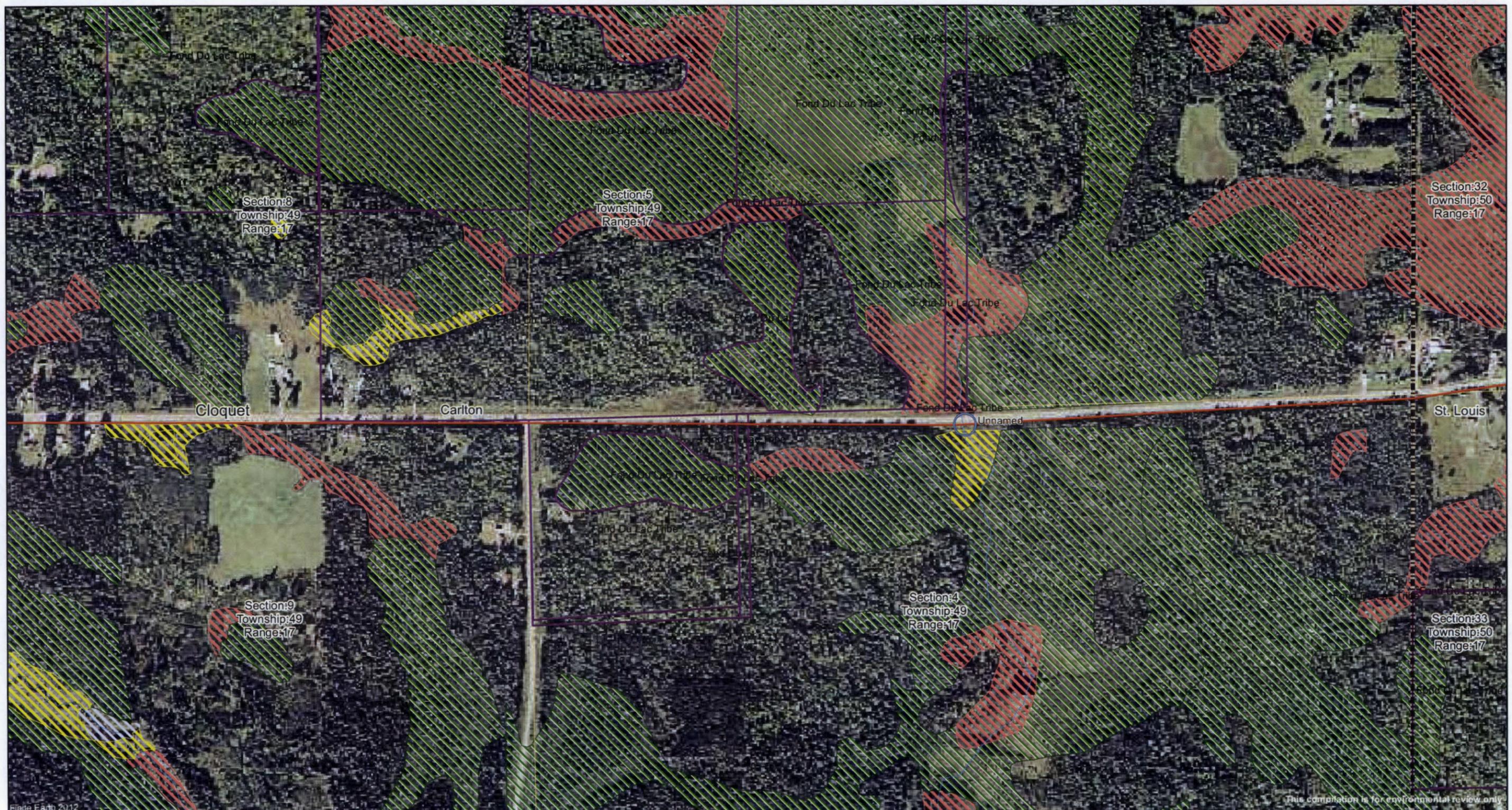


- Water Crossing
- Cable Alignment
- Vault Box
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MNDNR, FWS NWI, ESRI LMIC FSA 2010

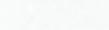
2012-00732-DWW  
 Drawing 3 of 6



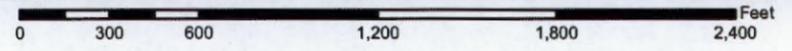
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MNDNR, FWS NWI, ESRI LMIC FSA 2010

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-  PUB Unconsolidated Bottom Wetlands
-  R Riverine Wetlands
-  Stream

Crossing: 1357 Feet

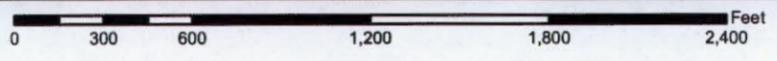


-  Water Crossing
-  Cable Alignment
-  Vault Box
-  Phase I Cable

2012-00732-DWW  
 Drawing 4 of 6



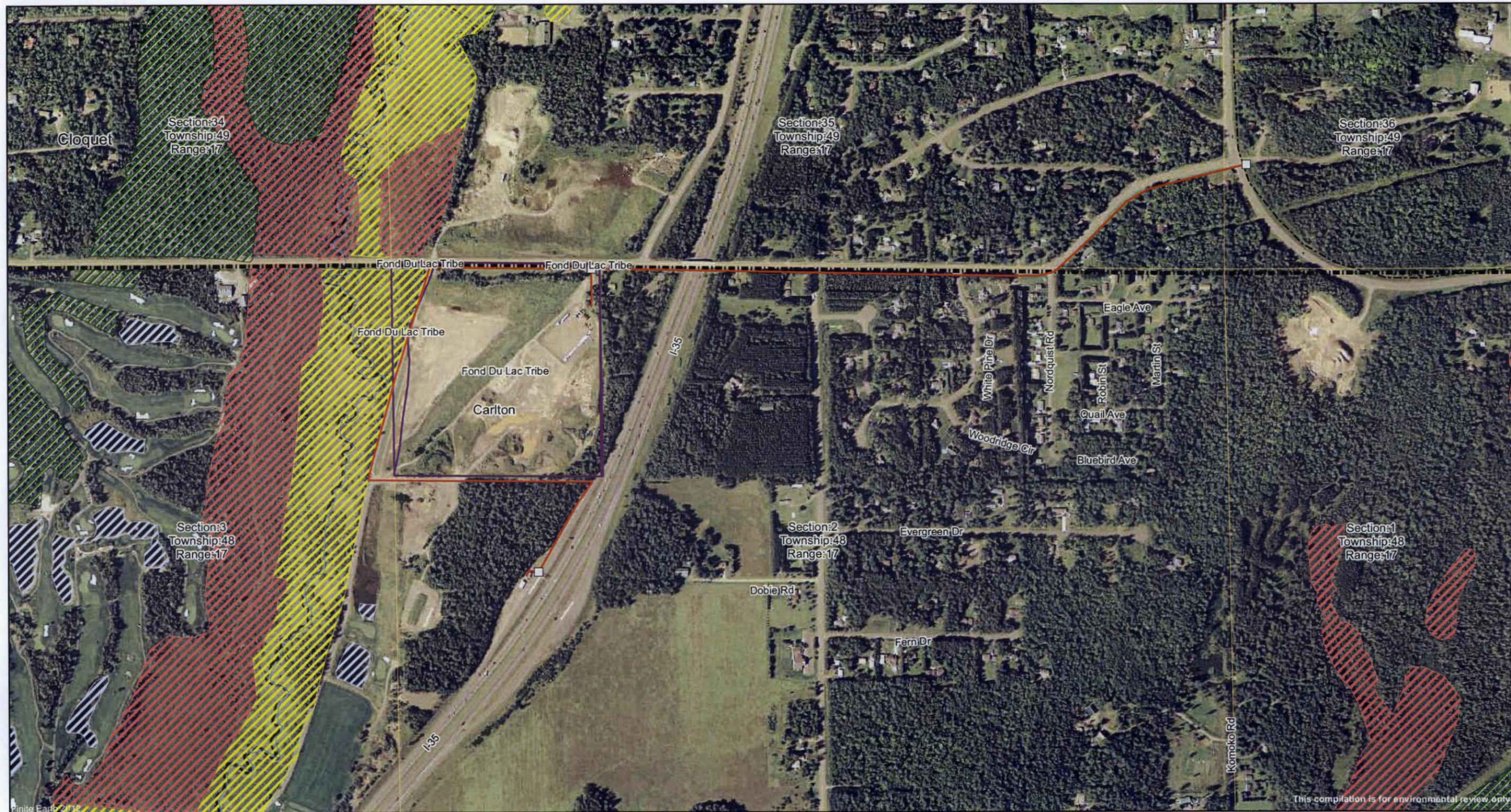
- PEM Emergent Wetlands
  - PSS Scrub-Shrub Wetlands
  - PFO Forested Wetlands
  - L Lacustrine Wetlands
  - PAB Aquatic Beds Wetlands
  - PUB Unconsolidated Bottom Wetlands
  - R Riverine Wetlands
  - Stream
- Crossing: 546 Feet  
 Crossing: 732 Feet  
 Crossing: 1331 Feet



- Water Crossing
- Cable Alignment
- Vault Box
- Phase I Cable

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 MNDNR, FWS NWI, ESRI LMIC FSA 2010

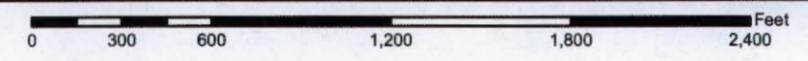
2012-00732-DWW  
 Drawing 5 of 6



Finite Earth 2012

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- Water Crossing
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Drawing 6 of 6