



**US Army Corps
of Engineers**
St Paul District

SPONSOR: Brent Krohn

Public Notice

ISSUED: June 24, 2024
EXPIRES: July 24, 2024

REFER TO: 2022-01726-LED

SECTION:404 - Clean Water Act

1. WETLAND COMPENSATORY MITIGATION BANK PROPOSAL
2. SPECIFIC INFORMATION

SPONSOR'S ADDRESS: Brent Krohn
47130 Fort Road
Nicollet, MN 56074

SPONSOR'S AGENT Nick McCabe
ISG
115 East Hickory Street, Suite #300
Mankato, MN 56001

PROJECT LOCATION: The project site is Sections 23 and 24, Township 110 North, Range 28 West, Nicollet County, Minnesota. See the enclosed Figure 1 for details. The approximate coordinates Latitude 44.315747, Longitude -94.175850.

BANK SERVICE AREA: The proposed bank service area (BSA) is 9, within the Minnesota River – Mankato (28) watershed.

DESCRIPTION OF PROJECT: The sponsor is proposing to develop the Krohn Wetland Bank. The proposed bank site is approximately 36.4 acres in size, including 17.3 acres of upland buffer.

NEED AND OBJECTIVE OF PROJECT: The sponsor's goal for the project is to restore 17.3 acres of historic shallow marsh and fresh wet meadow wetlands onsite by disabling subsurface drain tile present across the site and by removing an earthen embankment from the southeastern property boundary. In addition to generating wetland credits onsite, this restoration would reconnect the wetlands onsite to Middle Lake, which was historically disconnected by the embankment, reduce nutrient and sediment loading into the lake and downstream waters, and improve floodwater storage for the watershed and the lake. The site, if approved, would have compensatory wetland mitigation credits that applicants for Department of the Army permits could purchase to offset unavoidable losses of wetland or stream functions. The sponsor states that this bank is needed as the wetland credit demand in this BSA is high.

ESTABLISHMENT, OPERATION AND MANAGEMENT: The sponsor proposes to restore via rehabilitation partially-drained wetlands by disabling the extensive subsurface drain tile system onsite and by reconnecting the site with Middle Lake through removal of an earthen embankment that was constructed to make the site farmable. To protect the landowner to the west from the increased water table, the sponsor proposes to construct a small protective berm in the southwest corner of the property. The sponsor proposes to permanently protect and preserve the site by granting a conservation easement to the State of Minnesota.

OWNERSHIP AND LONG-TERM MANAGEMENT: The site is currently owned by the sponsor. The sponsor expects to own and manage the established bank site through the monitoring period and long-term. Once performance standards have been achieved and the Corps releases the sponsor from monitoring, the sponsor anticipates that the following long-term management activities may be needed onsite: maintenance of signage, periodic inspections, periodic burning and/or mowing, control of invasive species, and potentially enforcement of the conservation easement in the event of encroachment.

TECHNICAL FEASIBILITY AND QUALIFICATIONS: ISG was contracted as the sponsor's agent to design the site and would provide assistance with construction, monitoring and maintenance during the monitoring period. ISG states that it has successfully engineered and completed multiple wetland mitigation projects in Minnesota, including the Benz Wetland Bank, Drummer Wetland Bank, Dan Ruby Wetland Bank, Menards Marshall Wetland Bank, and CR Farms Wetland Bank. The wetland design and restoration activities proposed are comparable to those completed on other farmed wetlands affected by drainage and embankment infrastructure.

ECOLOGICAL SUITABILITY: The site is currently comprised of fully drained and partially drained wetland impacted by the extensive drain tile onsite, pump, and potentially by the earthen embankment which disconnected the site from Middle Lake. The sponsor states that the site is in agricultural production and was cultivated in 6 of the last 10 years. A majority of the soils within the bank are mapped as hydric, consisting of Okoboji mucky silty clay loam and Glencoe clay loam, which indicate that these areas of the site historically contained a shallow marsh/deep marsh wetland complex. The sponsor anticipates that removal of the drainage infrastructure onsite will restore hydrological conditions to wet meadow/shallow marsh communities.

HYDROLOGY: The site contains an extensive subsurface drain tile system (particularly on the west side of the site) from which water is pumped into an adjacent private ditch that then drains into Middle Lake. An embankment between the site (southeast corner) and Middle Lake currently prevents backwater from the lake from entering the site. The sponsor proposes to disable the pump and drain tile to restore wetlands onsite and to remove the embankment to reconnect Middle Lake to this historic wetland complex.

CURRENT LAND USES: Currently, the parcel is wholly in agricultural production with no perennial vegetation remaining onsite. A majority of adjacent parcels are under similar cultivation and drainage condition.

COORDINATION WITH RESOURCE AGENCIES: The Corps is coordinating this proposal with the following members of the Interagency Review Team (IRT) and other resource agencies: the Minnesota Department of Natural Resources, U.S. Environmental Protection Agency, and the Minnesota Board of Water and Soil Resources.

3. FEDERALLY-LISTED THREATENED OR ENDANGERED WILDLIFE OR PLANTS OR THEIR CRITICAL HABITAT

None were identified by the bank sponsor or are known to exist in the action area and no critical habitat currently exists onsite. However, Nicollet County is within the known historic range for the following Federally-listed species:

Northern Long-Eared Bat	Hibernates in caves and mines – swarming in surrounding wooded areas in autumn. Roosts and forages in upland forests during spring and summer.
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The Corps is coordinating this notice with the U.S. Fish and Wildlife Service. The Corps will consider any comments it may have concerning Federally-listed threatened or endangered wildlife or plants or their critical habitat in our final assessment of the described work.

4. JURISDICTION

The Corps is reviewing this proposal in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act.

5. HISTORICAL/ARCHAEOLOGICAL

The Corps will review information on known cultural resources and/or historic properties within and adjacent to the project area. The Corps will also consider the potential effects of the project on any unidentified properties. The Corps will coordinate its determination on identification of historic properties and any effect findings with the State Historic Preservation Officer and other consulting parties as appropriate independent of this public notice. The Corps will resolve any adverse effects on historic properties in coordination with consulting parties prior to the Corps' authorization of the work in connection with this project.

6. PUBLIC HEARING REQUESTS

Any person may request, in writing, within the comment period specified in this notice, that the Corps hold a public hearing to consider this proposal. Requests for public hearings shall state, in detail, the reasons for holding a public hearing. The Corps may deny public hearing request(s) if substantive reasons for holding a hearing are not provided or if there is otherwise no valid interest to be served.

7. REPLIES/COMMENTS

The Corps invites interested parties to submit written facts, arguments, or objections by the expiration date above. These statements should bear upon the suitability of the location and the adequacy of the project and should, if appropriate, suggest any changes believed to be desirable. The Corps will forward comments received to the sponsor and consider all comments during our evaluation. Interested parties can obtain a copy of the full prospectus by emailing Leslie.e.day@usace.army.mil

Comments can be electronically submitted to leslie.e.day@usace.army.mil. If electronic submittal is not available, commenters should address replies to:

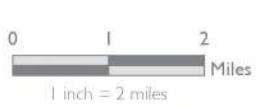
Regulatory Division
St. Paul District Corps of Engineers
332 Minnesota Street, Suite E1500
St. Paul, MN 55101

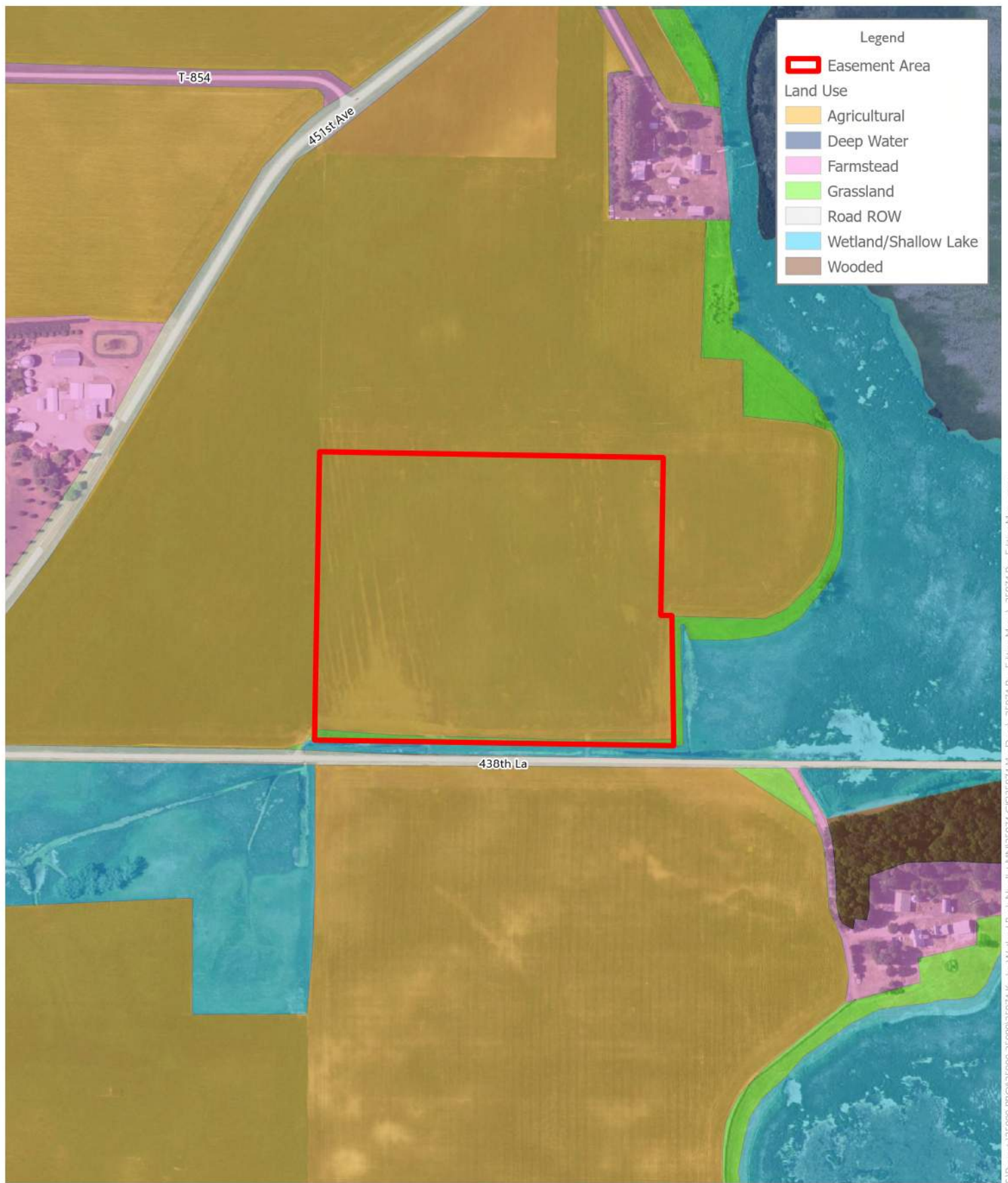
Or, IF YOU HAVE QUESTIONS ABOUT THE PROJECT, call Leslie Day at the St. Paul District Office of the Corps, telephone number 651-290-5365.

To receive Public Notice notifications, go to: <https://www.mvp.usace.army.mil/Contact/RSS/> and subscribe to the RSS Feed for which you would like to receive Public Notices.

Regulatory (File No. 2022-01726-LED)

Enclosure(s)
PN Figures 1-12





Wednesday, March 6, 2024

0 250 500
ft
1 inch = 500 feet



Figure 2
Land Use Map
Krohn Wetland Bank
Granby Twp, Nicollet County, Minnesota

Source(s):
Orthophoto (FSA, 2021)
Parcels (Nicollet Co, 2022)

ISG

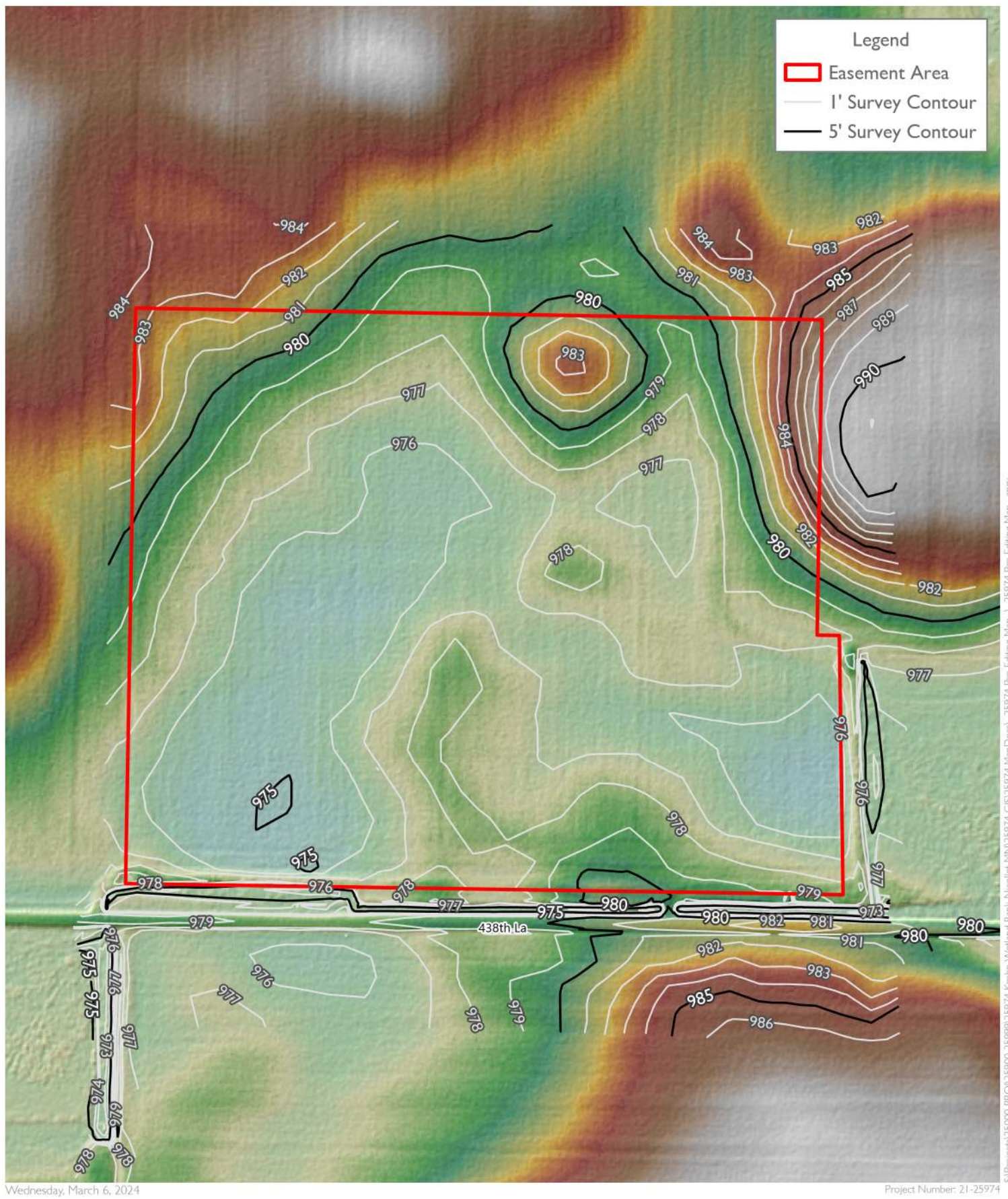


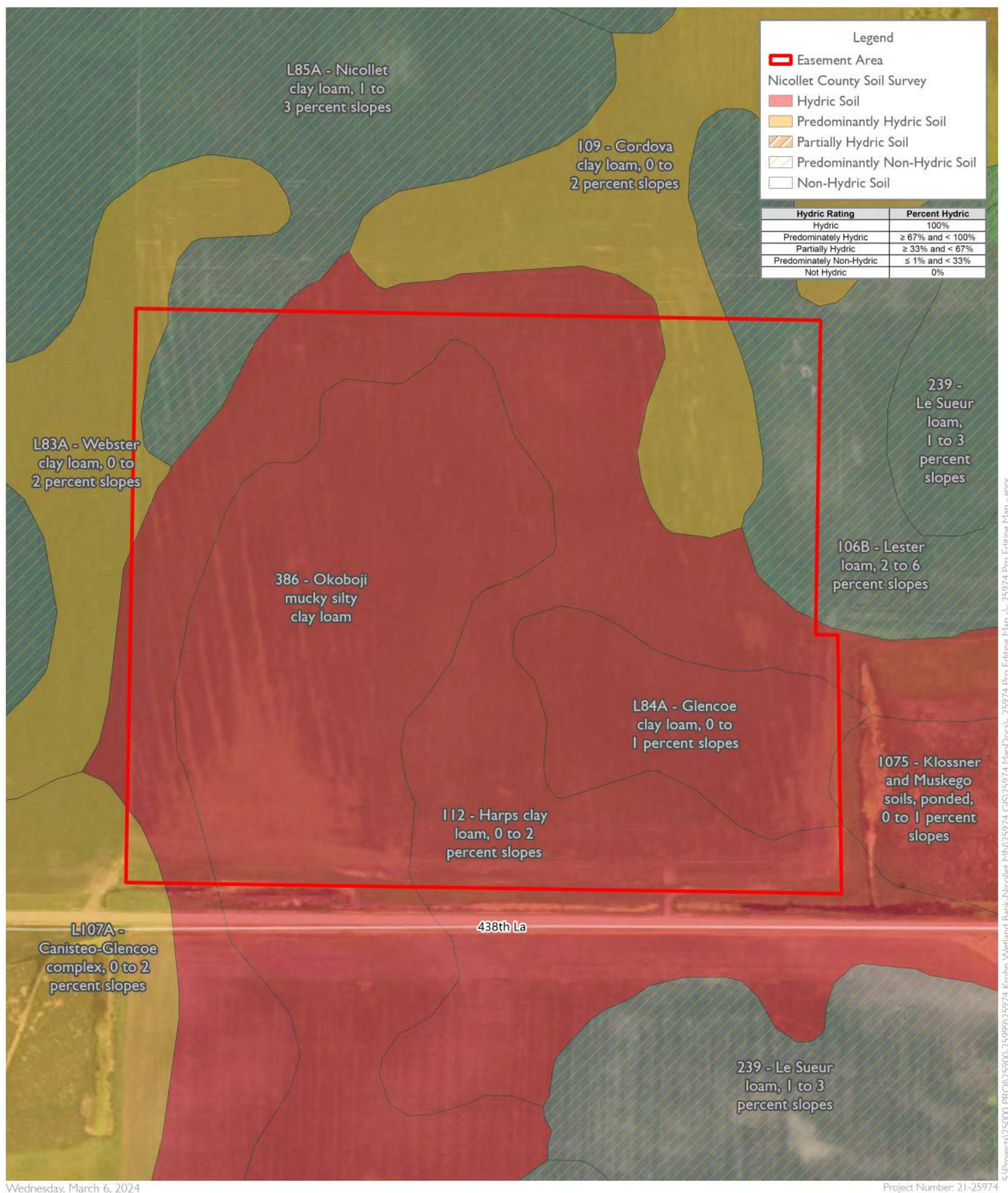
Figure 3
Existing Conditions
Topographic Map
Krohn Wetland Bank
 Granby Twp, Nicollet County, Minnesota

0 130 250
 ft
 1 inch = 250 feet



Source(s):
 Contours (ISG Survey, 2023)
 Hillshade (MnTopo, 2010)

ISG



0 130 250
ft.
1 inch = 250 feet



Figure 4
Nicollet County
Soil Survey Map
Krohn Wetland Bank
Granby Twp, Nicollet County, Minnesota

Source(s):
Orthophoto (FSA, 2021)
Soil Survey (USDA NRCS, 2015)

ISG

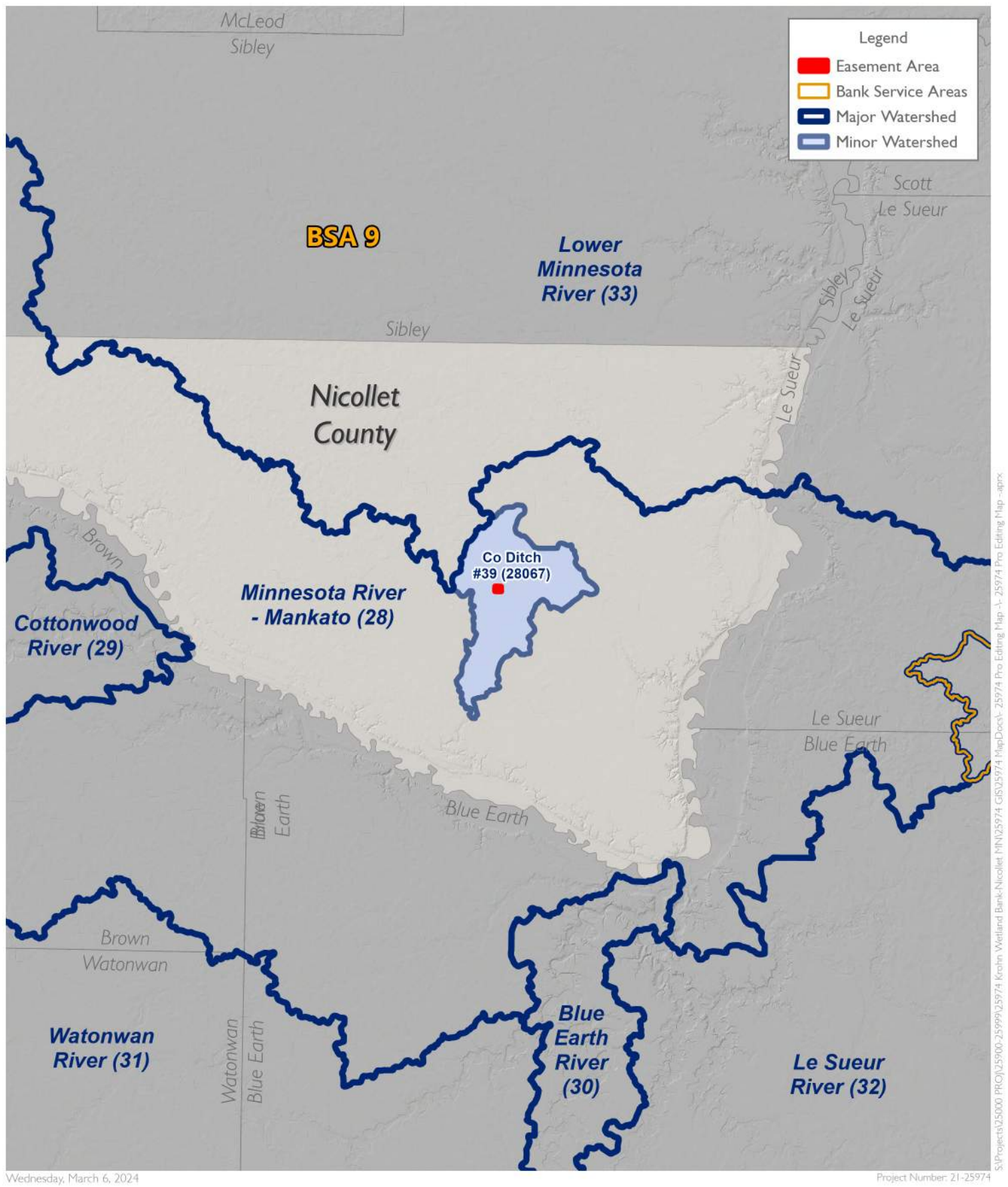


Figure 5
Watershed Map
Krohn Wetland Bank
 Granby Twp, Nicollet County, Minnesota



Source(s):
 Contours (ISG Survey, 2023)
 Hillshade (MnTopo, 2010)



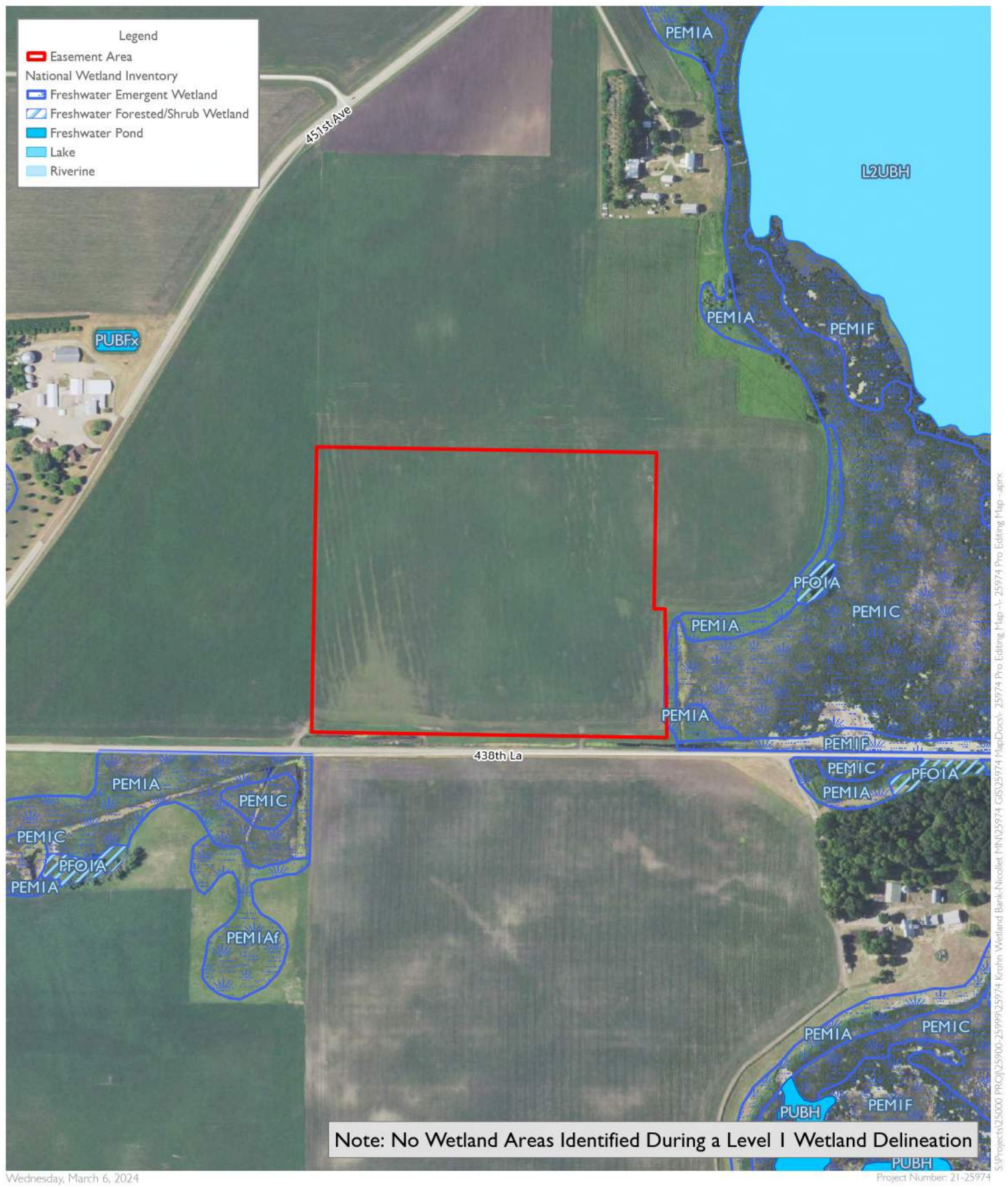


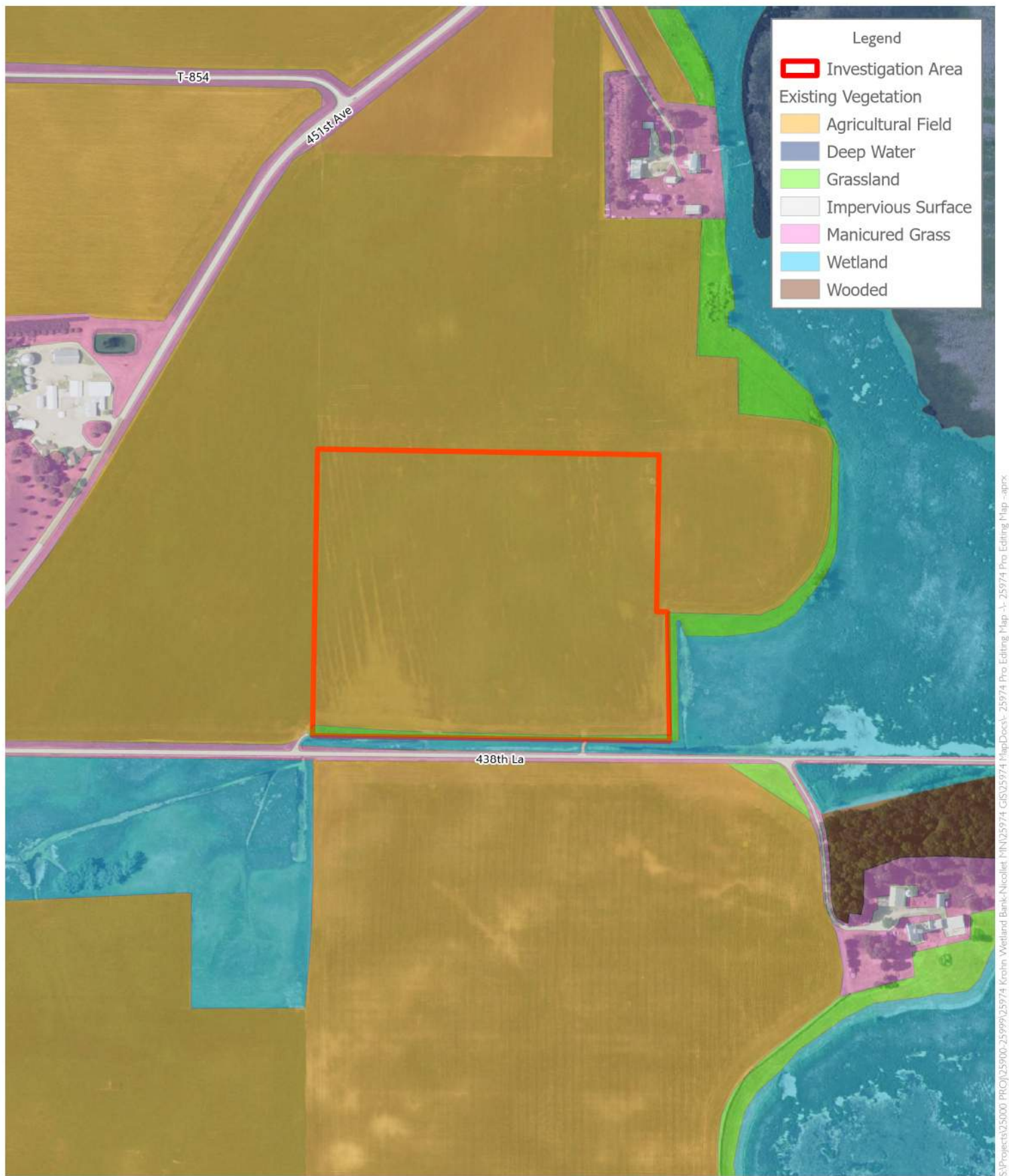
Figure 6
Existing Wetlands Map
Krohn Wetland Bank
 Granby Twp, Nicollet County, Minnesota

0 250 500
 ft.
 1 inch = 500 feet



Source(s):
 Orthophoto (FSA, 2021)
 NWI (MN DNR, 2019)

ISG



Wednesday, March 6, 2024

Project Number: 21-25974

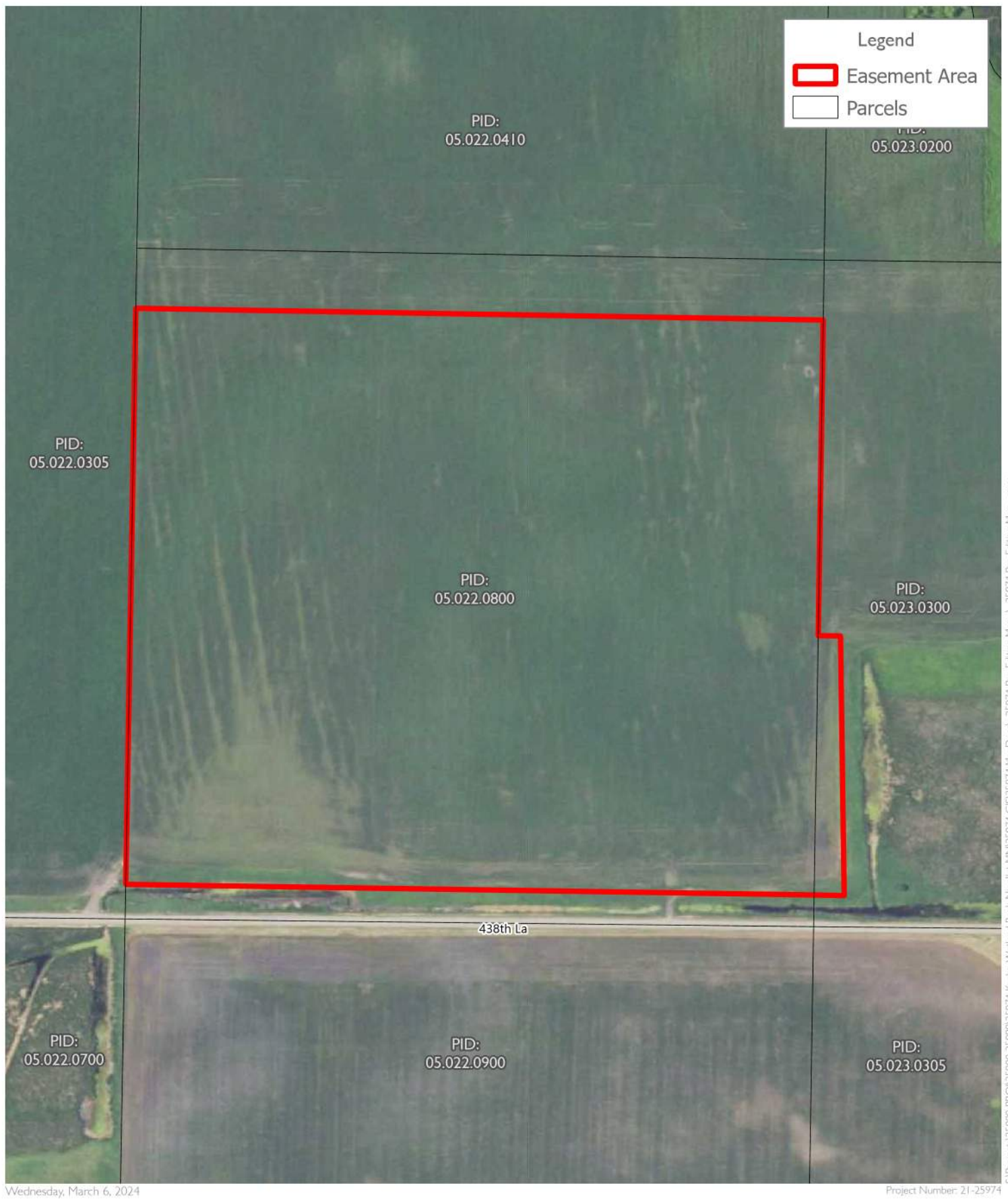
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1 inch = 500 feet



Figure 7
Existing Conditions
Vegetation Map
Krohn Wetland Bank
Granby Twp, Nicollet County, Minnesota

Source(s):
Orthophoto (FSA, 2021)

ISG



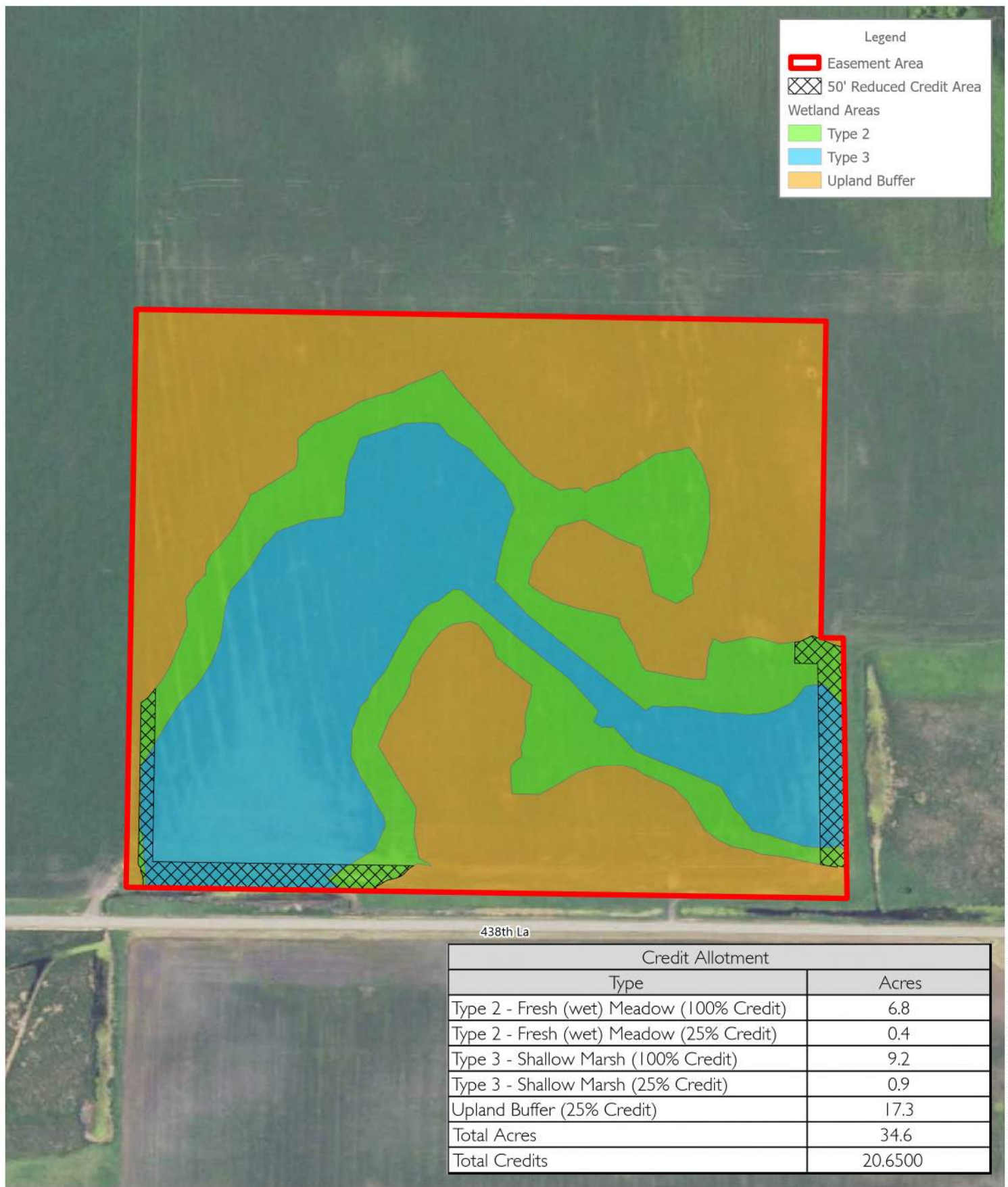
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ft
1 inch = 250 feet



Figure 8
Proposed Easement Boundary Map
Krohn Wetland Bank
 Granby Twp, Nicollet County, Minnesota

Source(s):
 Orthophoto (FSA, 2021)
 Parcels (Nicollet Co, 2022)

ISG



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Project Number: 21-25974

0 130 250
ft
1 inch = 250 feet



Figure 9
Credit Allocation and
Proposed Vegetation Map
Krohn Wetland Bank
Granby Twp, Nicollet County, Minnesota

Source(s):
Orthophoto (FSA, 2021)

ISG

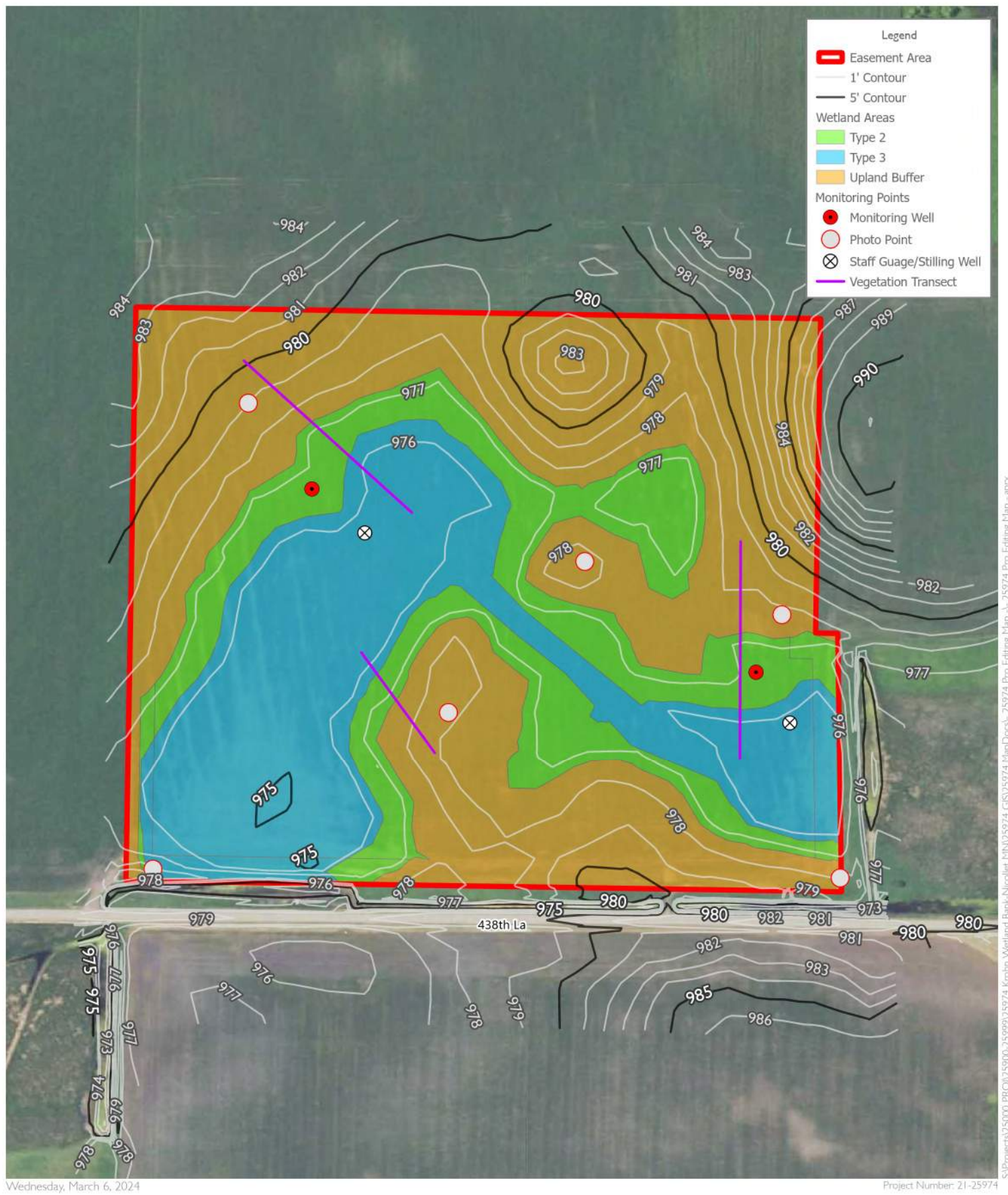


Figure 10
Monitoring Plan Map
Krohn Wetland Bank
 Granby Twp, Nicollet County, Minnesota

0 130 250
 ft
 1 inch = 250 feet





I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MINNESOTA.

PRELIMINARY NOT FOR CONSTRUCTION

DATE: _____ LIC. NO. _____

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PROJECT

KROHN WETLAND BANK

NICOLLET COUNTY MINNESOTA

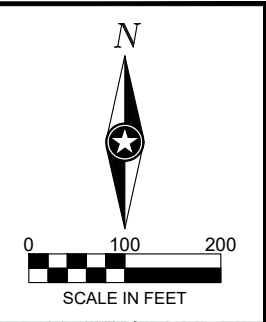
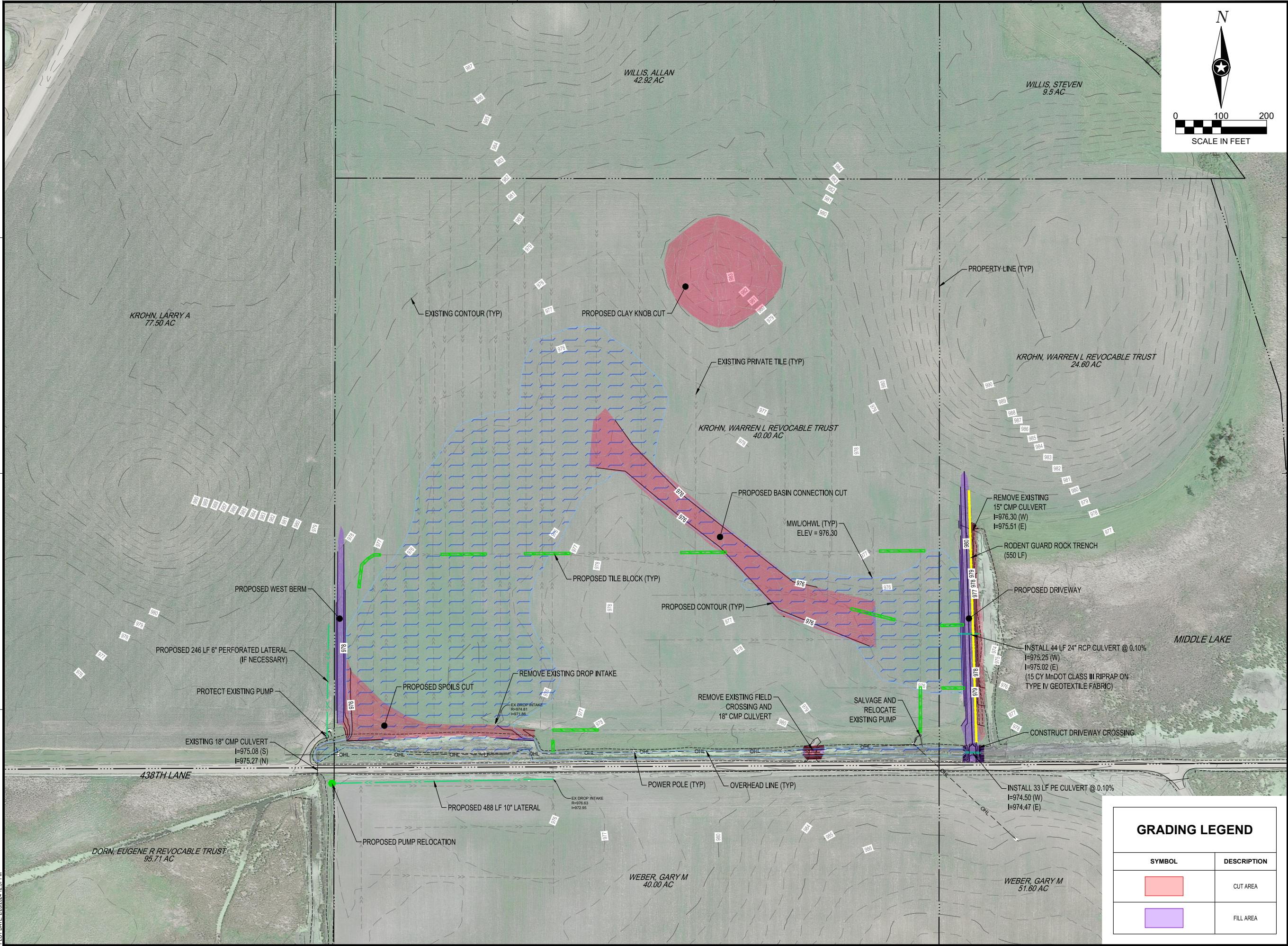
REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-25974
FILE NAME	25974 EXISTING
DRAWN BY	KJH
DESIGNED BY	JJM
REVIEWED BY	JMW
ORIGINAL ISSUE DATE	11/1/2023
CLIENT PROJECT NO.	-

TITLE

EXISTING SITE

SHEET



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PROJECT

KROHN WETLAND BANK

NICOLLET COUNTY MINNESOTA

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	23-25974
FILE NAME	25974 PROPOSED SITE
DRAWN BY	KJH
DESIGNED BY	JJM
REVIEWED BY	JMW
ORIGINAL ISSUE DATE	11/1/2023
CLIENT PROJECT NO.	-

TITLE

PROPOSED SITE

SHEET

GRADING LEGEND	
SYMBOL	DESCRIPTION
	CUT AREA
	FILL AREA