

June 9, 2020 City Council and Committee of the Whole Meetings

Tue, Jun 9, 2020 5:30 PM - 8:30 PM (CDT)

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ASHLAND CITY COUNCIL MEETING

Tuesday, June 9, 2020 – **5:30 PM**

Ashland City Hall Council Chambers

Please silence all cell phones during the meeting

1. CALL TO ORDER

A. Roll Call, Moment of Silence, and Pledge of Allegiance

2. APPROVAL OF AGENDA

3. APPROVAL OF MINUTES

A. May 26, 2020 City Council and Committee of the Whole Meeting Minutes

4. CITIZEN PARTICIPATION PERIOD

5. MAYOR'S REPORT

A. Announcements

B. Appointments

6. CONSENT AGENDA

A. Approve a Resolution to Combine Wards and Establish Polling Places for the August 11, 2020 Partisan Primary Election, and the November 3, 2020 General Election (*Clerk*)

B. Approve a Resolution to Reduce Renewal Fees for Class B Combination Alcohol Beverage Licenses for the Licensing Year of 2020-2021 (*Approved by COW 11-0*)

C. Miscellaneous Minutes

7. OLD BUSINESS

- A. Approve a Resolution in Support of Northland College's Efforts to Re-Open Safely in the Fall of 2020** *(Approved by COW 10-1)*

8. NEW BUSINESS

- A. Approve a Contract with Wetlands & Waterways, LLC for 2020 Wetland Mitigation Site Monitoring** *(Planning)* Roll
- B. Approve an Agreement between the City of Ashland and Premier Prairie & Wetland Restorations, LLC for Required Wetland Mitigation Vegetation Management Activities** *(Planning)* Roll
- C. Approve to Amend Chapter 922 (1488) Ashland City Ordinances, Alcohol Beverage Licenses, to Increase the Quota for "Class A" Intoxicating Liquor Licenses from Three (3) to Four (4)** *(Clerk)* Voice
- D. Approve License Applications for Alcohol Beverages, Including New Officers/Agents, Arcade, Recycling Facility/Salvage Operation, Pawn Broker, Taxicab, and Mobile Home Parks** *(Clerk)* Voice

9. CLOSED SESSION

- A. Enter into Closed Session** *(Roll)*
- B. Closed Session Pursuant to Wis. Stat. 19.85 (1)(g): "Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation."** *(Maday Claim) (City Attorney)* Roll
- C. Closed Session Pursuant to Wis. Stat. 19.85 (1)(g): "Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation."** *(Reinke Claim) (City Attorney)* Roll
- D. Closed Session pursuant top Wis. Stat. 19.85 (1)(g): "Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation."** *(Rodriguez Claim) (Mayor)* Roll
- E. Return to Open Session** *(Voice)*
- F. Report on Closed Session Discussion and/or Action Taken**

10. ADJOURNMENT

The City of Ashland does not discriminate on the basis of sex, race, creed, color, national origin, sexual orientation, age or disability in employment or provision of services, programs or activities.

NOTE: Upon reasonable notice, the City of Ashland will accommodate the needs of disabled individuals or individuals with limited English proficiency through auxiliary aids or services. For additional information or to request this service, contact Denise Oliphant at 715-682-7071 (not a TDD telephone number) or FAX: 715-682-7048

May 26, 2020 City Council Meeting
Tue, May 26, 2020 5:30 PM - 8:30 PM (CDT)

The COMMITTEE OF THE WHOLE MEETING will follow immediately after adjournment.

Please join the meeting from your computer, tablet or smartphone.

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ASHLAND CITY COUNCIL MEETING MINUTES

Tuesday, May 26, 2020 – 5:30 PM

Ashland City Hall Council Chambers

Please silence all cell phones during the meeting

1. CALL TO ORDER

The Tuesday, May 26, 2020 Ashland City Council meeting was called to order by Mayor Debra Lewis via GoTo Meeting at 5:30 p.m.

A. Roll Call, Moment of Silence and Pledge of Allegiance

Roll call was taken, a Moment of Silence was held, and the Pledge of Allegiance was recited.

PRESENT: Holly George, Matthew MacKenzie, Sarah Jackson, Kate Ullman, Ana Tochtermann, Wahsayah Whitebird, Charlie Ortman, Kevin Haas (5:35), Liz Franek, Dick Pufall, Jackie Moore

ABSENT: None

ALSO PRESENT: Mayor Deb Lewis, Administrator Brant Kucera, Clerk Denise Oliphant, Attorney Tyler Wickman, Public Works Director John Butler, Planning Director Megan McBride, Parks Director Sara Hudson, and other concerned citizens.

2. APPROVAL OF AGENDA

Lewis asked to remove the Closed Session item on the recommendation of the City Attorney and request of the Public Works Director to allow for more research.

Whitebird moved, seconded by George to approve the amended agenda. The motion carried unanimously by voice vote.

3. APPROVAL OF MINUTES

A. May 5, 2020 Council and Committee of the Whole Minutes

Whitebird moved, seconded by Pufall to approve the minutes as presented. The motion passed unanimously by voice vote.

4. CITIZEN PARTICIPATION PERIOD

The Clerk read the Rules for Citizen Participation, and the following offered their comments to the Council:

Dani O'Brien, 615 Vaughn Avenue, asked that Council take action and set guidelines for visitors to the community for clear messaging relating to COVID-19.

5. MAYOR'S REPORT

A. Announcements

Lewis received approximately 4800 cloth masks through *Masks for Mayors* to be distributed to the public and area businesses. Replacement of the Pearson Plaza pavement is now complete. The Evergrow Learning Center is currently taking applications for a 4K program. Starlit Gardens, a new business, will be opening next week, located across Main Street from the County Courthouse. Ashland High School will be holding a social distancing graduation for the Class of 2020 on June 7, 2020. The Vaughn Library is now open to the public with COVID-19 guidelines in pla. Lewis ended by answering to a number of local rumors regarding businesses in Ashland.

B. Appointments

Moore moved, seconded by Whitebird to approve. The motion passed unanimously by voice vote.

6. CONSENT AGENDA

A. Miscellaneous Minutes

B. Planning and Development Report, April 2020

C. Approval of Class A Combination Alcohol Beverage License Application (Including Officers and Agent Jerry Henderson) for Tastes of Wisconsin LLC at 420 Lake Shore Drive West, Ashland, Wisconsin (Clerk) Voice

D. Approve to Amend Chapter 922 (1488) Alcoholic Beverages Regulation, Ashland City Ordinances to Designate the City Clerk as Issuer of Operators' Licenses (Clerk)

Haas moved, seconded by Whitebird approve the Consent Agenda. The motion passed unanimously by voice vote.

7. NEW BUSINESS

A. Presentation by Dr. Karl Solibakke, Northland College President

A presentation was made by Dr. Karl Solibakke, President of Northland College regarding plans to return students in the Fall of 2020. George moved, seconded by Ortman to support the return of students of Northland College. George later amended her motion, accepted by Ortman, to direct staff to prepare a statement of support to be returned to Council for approval. This motion carried 10-1 by voice vote: opposed was Whitebird.

B. Approve a Resolution for the Submission of a 2020 Community Development Block Grant-Public Facilities (CDBG-PF) Application and Commitment of Matching Funds (Planning and Development) Voice

Franek moved, seconded by Moore to approve. The motion passed unanimously by voice vote.

C. Approve to Accept Hoeft Builders as Resident Project Representative for the New Police Facility Project (Administrator) Roll

Tochterman moved, seconded by Haas to approve to accept Hoeft Builders as Resident Project Representative for the new police facility project, budgeted for approximately \$125,000. The motion passed 7-4 by roll call vote; opposed were Whitebird, Franek, Ortman and Pufall.

8. CLOSED SESSION

Closed Session was removed from the agenda.

A. Closed Session Pursuant to Wis. Stat. 19.85 (1)(g): "Conferring with legal counsel who either orally or in writing will advise governmental body on strategy to be adopted with respect to current or likely litigation." (Reinke Claim) (City Attorney) Roll

9. ADJOURNMENT

Moore moved, seconded by Whitebird to adjourn. The motion carried unanimously by voice vote.

Respectfully Submitted,

Denise Oliphant,
City Clerk

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COMMITTEE OF THE WHOLE MEETING MINUTES

The Common Council of the City of Ashland will meet as the Committee of the Whole on May 26, 2020 immediately following the City Council meeting which begins at 5:30 PM in the Ashland City Hall Council Chambers.

The following items will be considered:

The Tuesday, May 26, 2020 the Committee of the Whole meeting was called to order by Council President Kevin Haas via GoTo Meeting at 6:15 p.m.

1. Roll Call

PRESENT: Holly George, Matthew MacKenzie, Sarah Jackson, Kate Ullman, Ana Tochtermann, Wahsayah Whitebird, Charlie Ortman, Kevin Haas, Liz Franek, Dick Pufall, Jackie Moore

ABSENT: None

ALSO PRESENT: Mayor Deb Lewis, Administrator Brant Kucera, Clerk Denise Oliphant, Attorney Tyler Wickman, Planning Director Megan McBride, and other concerned citizens.

2. Council President's Report

Haas discussed his decision to decline adding another standing item on the Committee of the Whole agenda regarding COVID-19. Instead, he asked that Kucera discuss updates during his report.

3. Administrator's Report

Kucera noted that the City was approved for the Wisconsin Main Street Program. He offered an update regarding COVID-19: Although the State has "re-opened" recently, we are not seeing any new cases in the immediate area. Kucera listed local event cancellations. City Hall will remain closed through May, and plan to open by appointment only in June.

4. Approval of Agenda

Jackson moved, seconded by Moore to approve the agenda. The motion passed unanimously by voice vote.

5. Committee Updates

Harbor Commission - Pufall: no report

Plan Commission - MacKenzie: Recently discussed the request for expansion by the Toyota dealership.

Police & Fire Commission - Lewis: Approved plans for hiring for the Fire Department.

Library Board - Jackson: no report

Housing - Tochtermann: Discussed locations and options for affordable housing units.

Parks Committee - Haas: no report

Public Work Committee - Moore: no report

Historic Preservation - Franek: Discussed places being renovated and/or sold, and the demolition process.

Sustainability - Ullman: Meeting Thursday to discuss the outdoor chemical application policy.

DPEAC - Whitebird: no report

SWPC - Ortman: no report

6. Discussion Items

A. Discussion and Possible Action Regarding Request to Lower and/or Waive License Renewals Fees for Alcohol Beverage Facilities, Amusement Facilities, and Operator's Licenses

Ortman moved, seconded by Moore to approve the recommendation of reducing Class B Combination Alcohol Beverage License renewal fees from \$600 to \$300. The motion carried unanimously by voice vote.

B. Discussion and Possible Action to Enact a Local Ordinance to Empower Municipal Power to Issue Emergency Orders by the City of Ashland under Wisconsin State Statute 323 in the Absence of County Health Officer Order (Mayor)

Discussion only.

7. Adjournment

Moore moved, seconded by Whitebird to adjourn. The motion carried unanimously by voice vote.

Respectfully Submitted,

Denise Oliphant,
City Clerk

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SUBJECT: Appointments

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: Administrator

CLEARANCES: Mayor

EXHIBITS:

EXPENDITURES REQUIRED:

AMOUNT BUDGETED:

APPROPRIATION REQUIRED:

TREASURER'S CERTIFICATE:

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

A list of appointments and respective volunteer forms will be made available before the time of the meeting.

SUBJECT: Approve a Resolution to Combine Wards and Establish Polling Places for the August 11, 2020 Partisan Primary Election, and the November 3, 2020 General Election (*Clerk*)

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: City Clerk

CLEARANCES: Clerk

EXHIBITS:

1. Proposed Resolution
2. City of Ashland Ward Map

EXPENDITURES REQUIRED: NA

AMOUNT BUDGETED:

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE:

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

The City of Ashland will conduct elections on August 12, 2020 for the Partisan Primary, and on November 3, 2020 for the General Election. It is required for Council to approve selected polling locations for all elections.

The Partisan Primary Election on August 12, 2020 will be held at the WITC-Ashland location to host all wards, which is located within Ward 4. Historically this has not been a greatly attended election although the effects of the COVID-19 pandemic and the contentious General Election has caused an increase of absentee ballot requests and may cause a higher volume of traffic on election day. The plan to combine all wards at this location will help minimize the number of poll workers needed, and concentrate cleaning efforts at one location. The expected seasonal humidity causes mechanical issues with the paper ballots and tabulator machines, and WITC was chosen due to the controlled climate available in this facility to eliminate technical difficulties and delays when voters cast their ballots.

The expected turnout of voters for the November General Election requires more than one location for traffic. Generally there would be three polling places but due to the COVID-19 pandemic, it was determined that use

of the Senior Center would cause an irresponsible increase of traffic to the highly vulnerable population there. The available space at each location allows for continued recommended social distancing for foot traffic, while creating dedicated work areas for election officials to process the higher than usual volume of absentee ballots anticipated.

The Clerk is recommending approval of the polling locations chosen for the August 12, 2020 Primary and November 3, 2020 General Elections.

**RESOLUTION TO COMBINE WARDS AND ESTABLISH THE POLLING PLACES
FOR THE AUGUST 12, 2020 PARTISAN PRIMARY ELECTION, AND THE
NOVEMBER 3, 2020 GENERAL ELECTION**

WHEREAS, the City of Ashland will hold a Partisan Primary Election on August 12, 2020 and a General Election on November 3, 2020; and

WHEREAS, the Council must establish official polling places for elections; and

WHEREAS, combining wards whenever possible will reduce election costs.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Ashland that Wards shall be combined and Polling Places shall be designated as follows for the August 12, 2020 Partisan Primary Election:

Combined Wards

1 through 11

Polling Places

WITC, 2100 Beaser Avenue

and, Polling places shall be designated as follows for the November 3, 2020 General Election:

Separate Wards

1, 2, 3, 4, 5, 6

7, 8, 9, 10, 11

Polling Places

WITC, 2100 Beaser Avenue

Bretting Center, 400 4th Avenue West

PASSED: June 9, 2020

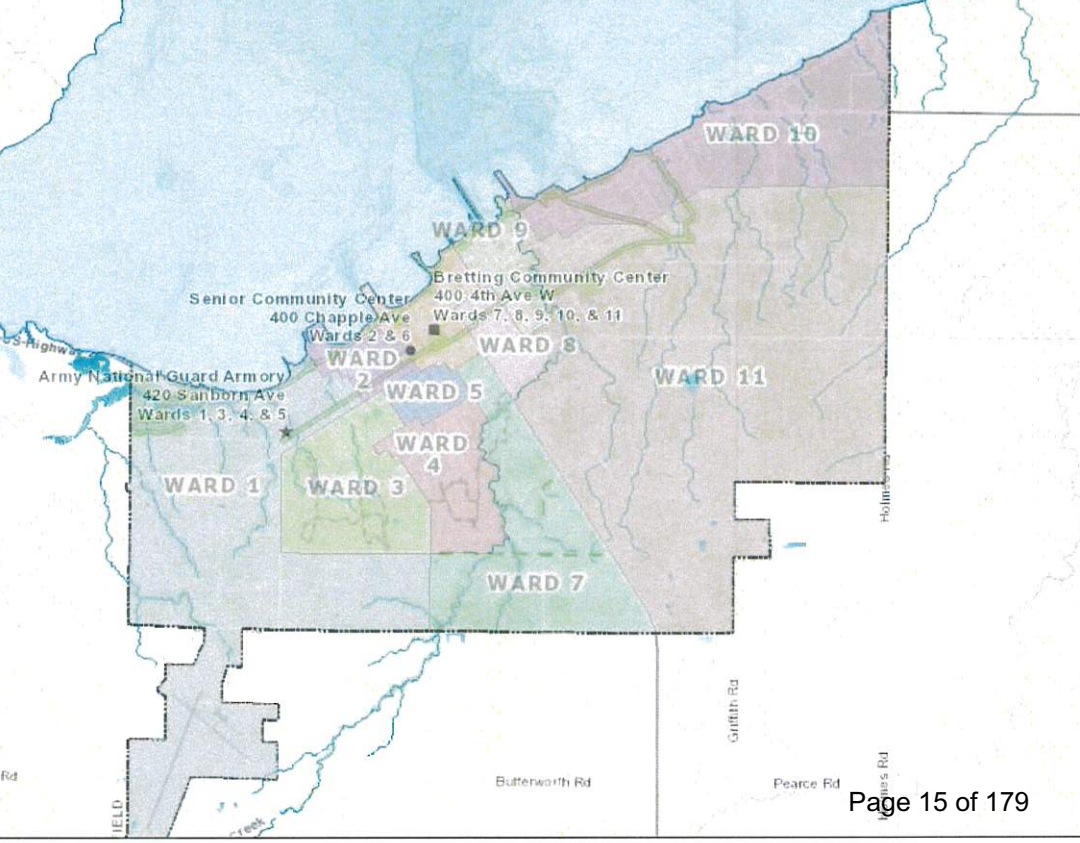
Councilperson

ATTEST: _____
Denise Oliphant, City Clerk

Debra S. Lewis, Mayor

APPROVED AS TO FORM:

Tyler W. Wickman, City Attorney



SUBJECT: Approve a Resolution to Reduce Renewal Fees for Class B Combination Alcohol Beverage Licenses for the Licensing Year of 2020-2021 (*Approved by COW 11-0*)

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: City Clerk

CLEARANCES: Approved by Committee of the Whole unanimously on May 26, 2020

EXHIBITS:

1. Proposed Resolution
2. May 26, 2020 Committee of the Whole Excerpt of Minutes, Item 6A

EXPENDITURES REQUIRED: NA

AMOUNT BUDGETED:

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE:

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

On May 26, 2020, the Committee of the Whole revisited the options to respond to a request by the Ashland Bayfield County Tavern League to reduce the renewal fee for a Class B Combination Alcohol Beverage License for the 2020-2021 licensing year.

The current fee for a Class B Combination Alcohol Beverage License consists of \$100 for Class B Fermented Malt Beverages (beer) and \$500 for Class B Intoxicating Liquor including wine. These are the maximum charges allowed by the State of Wisconsin. Class B Combination Alcohol Beverage License holders are able to sell and serve beer, wine or liquor to be consumed on or off the premises, such as a restaurant or tavern.

After much discussion, Ortman moved, seconded by Moore to approve the recommendation of reducing the fee from \$600 to \$300, and forward the item to the next City Council meeting, June 9, 2020, for final approval. The motion carried unanimously by voice vote.

**RESOLUTION TO REDUCE THE LICENSE FEE FOR A CLASS B COMBINATION
ALCOHOL BEVERAGE LICENSE VALID FOR THE 2020-2021 LICENSING YEAR**

WHEREAS, the City of Ashland issues Alcohol Beverage license in accordance of Chapter 922, Ashland City Ordinances, Alcohol Beverage Licenses and Chapter 125 Wisconsin State Statutes, Alcohol Beverages; and

WHEREAS, the Council has set license fees according to the minimum and maximum allowed by Wisconsin State Statutes, and are valid from July 1 to June 30 of the following year; and

WHEREAS, a Class B Combination Alcohol Beverage License includes Class B Fermented Malt Beverage (beer) and Class B Intoxicating Liquor (including wine) to be sold and consumed on or off the premises of which it is sold; and

WHEREAS, the COVID-19 Pandemic has caused multiple businesses world-wide to temporarily close to the public, denying income or profit for the business for approximately three months of 2020, and are reopening with restrictions and guidelines according to State and local governments; and

WHEREAS, Council determined at its May 5, 2020 Committee of the Whole meeting to reduce the City of Ashland license fees for a Class B Combination Alcohol Beverage License from \$600 to \$300 to allow for some relief for the local business affected by the COVID-19 Pandemic.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Ashland that the fee established for Class B Combination Alcohol Beverage licenses issued on July 1, 2020 and to expire on June 30, 2021, shall be \$300 upon adoption of this resolution.

PASSED: June 9, 2020

Councilperson

ATTEST: _____
Denise Oliphant, City Clerk

Debra S. Lewis, Mayor

APPROVED AS TO FORM:

Tyler W. Wickman, City Attorney

6A. Discussion and Possible Action Regarding Request to Lower and/or Waive License Renewals Fees for Alcohol Beverage Facilities, Amusement Facilities, and Operator's Licenses

The Clerk's office received a letter from Nancy Sztynodor of the Ashland Bayfield County Tavern League, asking for Council to consider lowering or waiving the renewal licensing fees for local bar and taverns. Please refer to the attached letter.

The Clerk has been in contact with other Clerks throughout the State to see if any other municipality of equivalent population (7000 to 10,000) has made a determination. To date, some have reduced their fees by half (\$300) or 3/4 (\$450), and few allowed for the minimum \$50. Very few reduced the fee for Operator's Licenses.

In April of this year, the League of Wisconsin Municipalities offered a guideline according to State law as to the minimum fees acceptable (see attached). The current fee for a Class B Combination is \$600 plus \$50 publication fee. If Council were to reduce Class B Combination renewal fees to be reduced to the minimum fee allowed, the City's revenue would be reduced from \$15,000 to \$1,250, a difference of \$13,750. The City has not historically charged a late fee for payment of licenses.

At the May 5, 2020 Committee of the Whole meeting, Council began discussing the options for Council to consider, such as prorating fees or offering installment payments. According to Rick Uhlig of the Wisconsin Department of Revenue's Alcohol and Tobacco Enforcement, payments cannot be extended or made by installments; all licenses fees must be paid at the time of renewal, or before July 1 of the year, and "current statutes prohibit eliminating fees completely"

Since the May 5, 2020 Committee of the Whole meeting, the Safer at Home order has been reversed, allowing for non-essential facilities, including bars, to reopen with guidelines. This reopening continues to restrict the numbers of customers allowed inside the facility, and several summer events throughout Northern Wisconsin have already been cancelled, effecting the traffic, tourism and revenue for many of these facilities.

It is the Clerk's recommendation to Council to reduce the Class B Combination Alcohol Beverage Renewal fee to half the rate at \$300 plus the \$50 publication fee, for the 2020-2021 licensing year, and for operator's licenses to remain at \$30 for one year.

Ortman moved, seconded by Moore to approve the recommendation of reducing Class B Combination Alcohol Beverage License renewal fees from \$600 to \$300. The motion carried unanimously by voice vote.

**ASHLAND BEAUTIFICATION COUNCIL
MEETING**

Monday, March 2nd, 2020

6:00 PM

Vaughn Public Library Meeting Room, Ashland, WI

1. Roll Call

Volunteer hours

David Askue	2
Shawna Johnson	4
Donna Lanni	absent
Elaine Peterson	2
Layne Richardson	2
Penny Rutyna	3
Kay Saari	2
Jeanne Spruell	2
Mary Zinnecker	3

2. Approval of February 3rd, 2020 Meeting Minutes

Motion: Elaine Second: Dave Vote: Aye

3. Administrative:

Log Volunteer Hours

Treasurer's Report: 2020 ABC budget of \$2000 reported

4. Old Business:

Review 2020 BC Budget: \$689.15 spent on Annuals flower order from Hauser's for 2020

Plaque for Jane Smith Memorial: Discussed wording options for the plaque. Layne will get estimate on cost.

5. New Business:

Calendar for 2020: Final work/event calendar approved by ABC.

Motion by Kay to keep existing ABC officers Second: Dave Vote: Aye

Mary to reach out to Ellis Ave. volunteers and order safety shirts for those interested in volunteering

Mary to contact Sandy Naas at the school to ask about her students starting our Cannas again in their greenhouse

Plan on asking the city to water garden at Memorial Park. Water source at the park has not been repaired and hauling water in to the garden is too difficult

Discussed the possibility of utilizing rain barrels at some garden sites around the city. Further research needed

6. Project Plans/Updates:

* Crest Gardens	* Beaser Avenue-needs mulch	* Boat Landing
* Pearson Plaza/Otis Park	* Parking Lot Gardens	* Memorial Park
* Bayview Park	* City Hall-mulch trees	* Jane Smith Memorial
* Ellis Avenue	* Public Works Planters	* Other

7. Schedule Next Meeting: Monday April 6th, 2020 @6pm, Vaughn Public Library 2nd floor meeting room, Ashland, WI

8. Adjourn: 6:40pm *Motion: Elaine Second: Penny Vote: Aye*

Respectfully Submitted,

Shawna Johnson

SUBJECT: Approve a Resolution in Support of Northland College's Efforts to Re-Open Safely in the Fall of 2020 (*Approved by COW 10-1*)

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: Mayor

CLEARANCES: Approved by Committee of the Whole 10-1 on May 26, 2020

EXHIBITS: 1. Proposed Resolution

EXPENDITURES REQUIRED: NA

AMOUNT BUDGETED: NA

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE: NA

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

At the May 26, 2020 meeting, the City Council heard an update from President Karl Solibakke, Northland College in Ashland, about the efforts being made by the College to re-open the College for the Fall 2020 term during the Covid-19, using best practice recommendations of local and state health authorities. After a question and answer period followed by discussion, the Council directed Administration to bring forward a proposed resolution in support of the College's efforts for consideration at the June 9, 2020 Council meeting.

Attached is a proposed Resolution for consideration by the Council

RESOLUTION IN SUPPORT OF NORTHLAND COLLEGE’S EFFORTS TO RE-OPEN SAFELY IN THE FALL OF 2020

WHEREAS, Northland College was found in a 2014 University of Wisconsin-Whitewater study to have an economic impact that compares favorably with the other major employers in Ashland County and has a substantial economic effect over a five-county region. Northland’s direct economic impact included 236 jobs, producing \$7,464,326 in employment income and industry sales of \$21,705,741. When the indirect and induced effects are added in, the result adds up to 408 jobs with employment income of \$12,132,586 and industry sales of \$31,543,659. Added to this is the economic impact of Northland College student spending and the vitality in the community provided by Northland College faculty and students; and

WHEREAS, the health and safety of the faculty and student body, as well as the citizens of Ashland and the surrounding region is paramount during the COVID-19 global pandemic; and

WHEREAS, Northland College has been closely monitoring the COVID-19 global pandemic and campus leadership is collaborating with and staying abreast of recommendations and necessary health and safety precautions made by government and public health agencies, including the Wisconsin Department of Health Services, the US State Department, the Centers for Disease Control and Prevention (CDC), and the Ashland and Bayfield County public health departments; and

WHEREAS, Northland College, through its President, Karl Solibakke, has expressed its intent to re-open its doors to the student body for the Fall Term 2020 and has indicated its intention to follow all recommendations of the local health authorities and to monitor members of the student and faculty body on an ongoing basis throughout the 2020-21 school year and to continue to collaborate and communicate with the Ashland community in a forthright manner going forward.

NOW, THEREFORE, BE IT RESOLVED by a vote of the Common Council of the City of Ashland at its meeting on June 9, 2020, the City of Ashland hereby supports the efforts by Northland College to re-open its doors to student and faculty members commencing with the fall 2020 Term using best practices as recommended by the local health authorities.

PASSED: June 9, 2020

Councilperson

ATTEST: _____
Denise Oliphant, City Clerk

Debra S. Lewis, Mayor

APPROVED AS TO FORM:

Tyler W. Wickman, City Attorney

SUBJECT: Approve a Contract with Wetlands & Waterways, LLC for 2020 Wetland Mitigation Site Monitoring (*Planning*) Roll

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: Planning & Development

CLEARANCES: Planning & Development Department
Finance Department
City Attorney

EXHIBITS:

1. Task Order for 2020 Annual Mitigation Site Monitoring of Master Contract for Wetland Mitigation Services
2. City of Ashland Compensatory Wetland Mitigation Site Annual Monitoring Summary 2019

EXPENDITURES REQUIRED: \$6,500

AMOUNT BUDGETED: \$6,500 from Fund 277

APPROPRIATION REQUIRED: N/A-- Budgeted expense

TREASURER'S CERTIFICATE: The Treasurer's Office has certified on June 3, 2020, that Wetlands & Waterways, LLC is in compliance with the provisions of Ordinance 923.10 Ashland City Ordinances.

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD: The proposed activities conform to Comprehensive Plan goals and priorities of being good stewards of the natural environment. It is also required by law that the City conduct these wetland monitoring activities annually.

SUMMARY STATEMENT:

The City of Ashland is legally required to conduct wetland monitoring and mitigation as laid out in the attached proposal at the City of Ashland's approved wetland mitigation site to compensate for wetland impacts associated with the following projects:

- Canadian National Grade
- Wal-Mart Stores, Inc.

- City of Ashland Bio-Retention Cell Construction.

This 2020 season will be year 6 of the City's 7 year commitment for monitoring and management of its wetland mitigation bank.

The company Wetlands & Waterways has performed this work for the City each year, and has extensive knowledge of the sites and the City's needs to comply with these responsibilities. The proposal includes two separate monitoring visits on site, as well as preparation of the required annual monitoring report. Work will commence shortly after approval of the contract by City Council. Funding for such activities is budgeted annually in a separate Fund 277.



February 20, 2020

Ms. Megan McBride
City of Ashland – Interim Director of Planning & Development
601 Main Street West
Ashland, WI 54806

RE: Task Order for 2020 Annual Mitigation Site Monitoring of Master Contract for Wetland Mitigation Services for the City of Ashland

Dear Ms. McBride,

Thank you for allowing Wetlands and Waterways, LLC the opportunity to present a proposal for providing project management and consultation services with regards to wetland mitigation for the City of Ashland. This proposal outlines the anticipated services and costs associated with the 2020 annual monitoring at the City of Ashland's approved Wetland Compensation Site that was approved to compensate for wetland impacts associated with the following projects;

- Canadian National Grade
- Wal-Mart Stores, Inc.
- City of Ashland Bio-Retention Cell Construction

This proposal includes costs to provide services associated with 2020 services and expenses. Subcontractor expenses for invasive species treatments are not included in this proposal but coordination with other subcontractors (i.e. invasive species specialists) will be conducted as necessary at no additional charge.

Scope of Services

Wetlands and Waterways, LLC proposes to provide the following services for this phase of work:

- Wetland Mitigation site monitoring for 2020 including;
 - Conduct semi-annual wetland mitigation site monitoring at the mitigation site.
 - Identify all plant species within a quadrant adjacent to the monitoring stations to be established throughout the site.
 - Note percent cover of all species located within each of the sample quadrants.
 - Collect hydrology data at all monitoring points.
 - Conduct a walkover of the entire site to evaluate and map percent cover of invasive species.
 - Conduct a walkover of the entire site to evaluate and identify other native wetland species to evaluate site diversity.
 - Collect photos at each monitoring point for reference from previous or future site visits.
 - Prepare a map indicating the location and extent of invasive species.
 - Prepare an annual monitoring report to summarize the findings of the semi-annual monitoring events, including photos, maps, list of plant species, percent cover, invasive species locations and percent cover, and recommendations for management of the site to ensure success criteria are met in an appropriate time frame.
 - Submit the annual monitoring report to all appropriate parties including U.S. Army Corps of Engineers, Wisconsin Department of Natural Resources and City of Ashland.



Proposed Fees

Wetlands and Waterways, LLC proposes to perform the above described services for the following fees:

2020 Annual Site Monitoring, Two Monitoring Events and Reporting **\$6,500**

This cost estimate is for the 2020 monitoring and maintenance year, including two monitoring events and preparation of an annual monitoring report. This price is a Lump Sum Not To Exceed cost estimate.

Please sign below and return to me if you approve of this phase of work and would like to proceed.

Sincerely,

Wetlands and Waterways, LLC

Ann M. Key, PSS, PWS, CST
WDNR Professionally Assured Wetland Delineator

City of Ashland

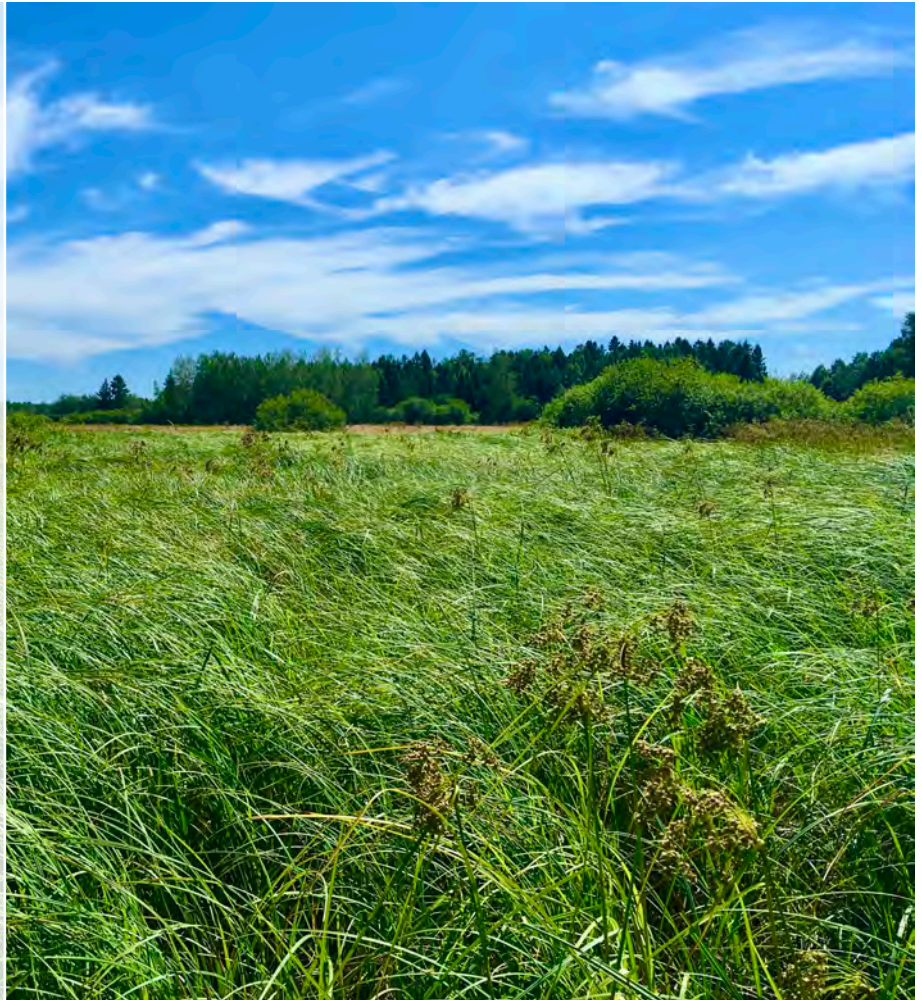
Date



City of Ashland Compensatory Wetland Mitigation Site

Annual Monitoring Summary

2019 – Year 5



PREPARED FOR:

CITY OF ASHLAND

601 MAIN STREET WEST

ASHLAND, WISCONSIN 54860

PREPARED BY:

WETLANDS AND WATERWAYS, LLC

5742 Warbonnet Lane

Hazelhurst, Wisconsin 54531

FEBRUARY 20, 2020



**CITY OF ASHLAND COMPENSATORY WETLAND MITIGATION SITE
TOWN OF EILEEN
BAYFIELD COUNTY, WISCONSIN**

**ANNUAL MONITORING REPORT
YEAR 5 - 2019**

February 20, 2020

Prepared for:

City of Ashland
601 Main Street West
Ashland, Wisconsin 54806

Prepared By:

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Project Number: 086

Ann M. Key, PSS, PWS, CST
WDNR Professionally Assured Wetland Delineator

Ann Key



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1.0 INTRODUCTION

This report summarizes Year 5 (2019) of monitoring activities for the City of Ashland Compensatory Wetland Mitigation Site located southwest of the City of Ashland in part of the Northwest ¼ of the Northwest ¼ of the Northeast ¼ of Section 36, Township 47 North, Range 5 West, Town of Eileen, Bayfield County, Wisconsin. See Figure 1 for the site location.

Monitoring for this type of community was proposed to continue for a minimum of 8 years, or until the site meets all performance standards as specified in the Wetland Mitigation Compensatory Site Plan (CSP). The Draft CSP was submitted to U.S. Army Corps of Engineers (USACE) for review on September 10, 2012. The CSP was approved on December 31, 2012. Monitoring events for Year 5 (2019) were conducted on June 11, 2019 and August 19, 2019. This monitoring report includes the following information with regards to the Year 5 monitoring;

- Restatement of the compensation site plan goals, objectives and performance standards
- Identification of any failures or external disturbances to the site
- Description of management activities and correction actions required in the upcoming year and/or conducted during the past year
- A summary of all data collected during the past year
- A site map showing the locations of all data collection
- An assessment of the presence and level of occurrence of invasive species
- An assessment of the degree to which performance standards are being met
- Proposed corrective actions to improve attainment of performance standards
- A narrative summary of the results and conclusions of the monitoring
- Northcentral Regional Supplement Wetland Data Sheets for each monitoring point
- WETS Data and Antecedent Precipitation Evaluation for the monitoring periods

2.0 GOALS, OBJECTIVES AND PERFORMANCE STANDARDS

2.1 Goals and Objectives

The goal and purpose of this wetland mitigation site was to establish a Private Use, In-Kind, Off-Site Compensatory Mitigation Site to compensate for wetland impacts associated with three previously permitted wetland projects within the City of Ashland including;

- Canadian National Grade Crossing Elimination/Corridor Traffic Redirection
 - Permitted on July 11, 2008 with later revisions to the permit conditions
- Wal-Mart Stores, Inc.
 - Permitted on July 22, 2005 with later revisions to the permit conditions
- City of Ashland Bio-retention Cell Construction
 - Permitted on June 27, 2006 with later revisions to the permit conditions

The ultimate goal of this compensatory wetland mitigation site is to restore and enhance, to the greatest extent feasible, the wetland types and functional values of those that are most often impacted in the Lake Superior Geographic Management Unit (LS GMU), as well as those impacted by the associated permitted City of Ashland projects.

The site is 10 acres in total and the original mitigation plan proposed restoration and enhancement of wetland to compensate for approximately 1.17 acres of Wet Meadow, 3 acres of Shallow Marsh, 2 acres of Alder Thicket, 0.66 acres of Hardwood Swamp at a ratio of 1.5:1 (8.16 acres), plus up to 1.84 acres of upland buffer. However, the site is not anticipated to develop Shallow Marsh, Alder Thicket or Hardwood Swamp communities, but rather a combination of Wet Meadow and Shrub-Carr communities. The site is expected to



transition into forested wetland over time but no tree plantings are proposed as part of the CSP. The original mitigation plan did not include a proposed community layout but rather a plan to cease all agricultural activities and construct ditch plugs that would restore hydrology to the site. The original mitigation plan is included as Figure 2.

Restoration and enhancement of wetland communities at this site is intended to result in high quality wetland communities that will fit into the natural landscape and be effectively integrated into the surrounding natural wetlands and habitat. The success criteria include goals for improving wildlife and vegetative diversity for this location. Specific goals set forth in the CSP are restated below in Section 2.1.1.

2.1.1 Target Goals for Habitat Development

Specific functional goals for the site include the following;

1. Restore and enhance approximately 10 acres of wet meadow and scrub-shrub wetlands.
2. The restored and enhanced wetlands should be characteristic of wetlands with the LS GMU and contain species typical of wet meadows and shrub-carr, which will be achieved through establishment of site conditions that are suitable for colonization of native, non-invasive (NNI), hydrophytic vegetation.
3. Site goals include maintaining or increasing Vegetative Diversity. The local seed bank, adjacent wetlands and seeding and planting of other native species will result in a native, diverse habitat.
4. Hydrology shall be established to a level meeting primary wetland hydrology indicators as defined by the 1987 ACOE guidance in enhanced and restored wetlands at the site through abandonment of agricultural activities and plugging of existing drainage ditches.
5. Abandonment of agricultural activities, increasing vegetative diversity, improving wetland hydrology and overall restoring wetlands at the site is expected to improve Wildlife Habitat. However, this site is not being designed to be a significant attractant to wildlife species that may be hazardous to airports. Therefore, no shallow marsh, deep marsh or open water areas are being proposed.
6. Stormwater Attenuation and Water Quality are expected to improve through abandonment of current agricultural activities and restoring the site to a diverse, well vegetated wetland system. This will in turn improve stormwater attenuation by plugging ditches, increasing vegetative density and providing better filtration of stormwater and runoff prior to entering Beartrap Creek.
7. Aesthetics, Recreation and Educational values are expected to increase through restoration of wetlands that add to habitat diversity. Aesthetic values are expected to increase by removing land from agricultural activities and restoring the site to a more natural condition. Recreational and educational values are also expected to improve through restoration of the wetlands and increased plant diversity and in turn, increased wildlife habitat.

2.2 Performance Standards

The performance standards set forth in the CSP for this project are stated below in Section 2.2.1 through 2.2.3:

2.2.1 Vegetation

1. By Year 3 the site will support 70% vegetative cover consisting of a minimum of 10 Facultative (FAC) or wetter species.
2. By Year 8 the site will support 80% vegetative cover consisting of a minimum of 20 FAC or wetter species.
3. *Phalaris arundinacea* and other invasive/non-native (INN) species will comprise no more than 30% cover by Year 5 and no more than 20% cover by Year 8.



4. Plant communities shall achieve at least a medium vegetative diversity/integrity rating by the end of Year 8.
5. NNI species shall comprise a minimum of 80% cover by Year 8.
6. Native wetland shrubs, including *Salix spp.*, *Cornus spp.*, *Alnus spp.*, *Spiraea spp.*, etc. shall comprise at least 20% overall cover for the site by Year 8.

2.2.2 Hydrology

1. Site hydrology will be established in all enhanced and restored wetlands to a level of saturation within 12 inches of the soil surface, to inundation by up to 6 inches of water, for a minimum of 14 consecutive days, during the growing season under normal to wetter than normal conditions (70 percent of the years based on most recent 30-year record of precipitation) by the end of Year 3 and every monitoring year thereafter.
2. Within 3 years sufficient hydrology will be established as to support a wet meadow and shrub-carr system with evidence of hydrology in the form of at least one primary or two secondary indicators being present during each monitoring event.

2.2.3 Soils

1. Hydric soil criteria will be assumed to be met once hydrology performance standards are met.

Based on the findings of the USDA Wildlife Hazardous Assessment conducted for the JFK Memorial Airport and the site's proximity to the Airport, it was determined that it is desirable to minimize the amount of ponded water both during the early years of site development and for the long-term site conditions. Therefore, in addition to the Performance Standards set forth in the original Draft CSP, the December 31, 2012 USACE approval letter requested the following additional performance standards be applied to the site;

1. Areas of open water larger than ¼ acre in size and with less than 50% emergent canopy cover will receive no credit.
2. No credit will be given for any acreage exceeding 10% of the total wetland area of the site if it has a depth of ponded water exceeding 6 inches for more than 56 days.

3.0 2019 - YEAR 5 MONITORING DATA

Three (3) transects consisting of 3 monitoring plots each were established at the site during the first year of monitoring. The three transects were established at relatively even intervals across the site and each sample plot was placed in an area that would be most representative of the plant species in each community, as well as hydrology information. Clear photographs of the monitoring plots were taken during the June and August, 2019 monitoring events and are included in Appendix A. Figure 3 shows the current mitigation site layout and monitoring plot locations.

Data collected during the monitoring events included vegetation noted at each monitoring plot, absolute percent cover of all species and surficial hydrology indicators present. All INN species were recorded as absolute percent cover on Wetland Data Sheets and then converted to relative cover in Tables 1 and 2 of this report for purposes of evaluating current conditions versus performance standards set forth in the CSP. In addition, a random meander survey of the entire site was conducted during the monitoring events to identify other plant species that were present outside of the sample plots. All species are listed according to the community they were observed in on Table 1 (Wet Meadow/Sedge Meadow) and Table 2 (Upland). The overall *Phalaris arundinacea* (Reed Canary Grass), *Agrostis gigantea* (Red Top) and *Lotus corniculatus* (Birds-Foot Trefoil) predominance was evaluated as relative percent cover for each community and more concentrated



plots were mapped as shown on Figure 3. Other INN species identified at the site were also evaluated as absolute percent cover on data sheets and converted to relative cover for purposes of performance standard evaluations, but most are in small or scattered populations and mapping was not practicable. These species and their abundance at the site are discussed further in the report. A wetland data sheet was completed for each sample plot and all data sheets are included in Appendix B.

To better evaluate the extent of wetland restoration occurring versus total upland communities, all upland areas were identified and mapped during the June 8, 2015 monitoring event based on vegetation and surface hydrology indicators and re-evaluated during subsequent monitoring events. As of the 2019 monitoring events, the upland/wetland boundaries do not appear to have changed significantly since the initial June 2015 mapping. Soils were evaluated as well during the June 2015 monitoring event and were classified as hydric throughout most of the site. Even upland locations met hydric soils criteria but in those cases the vegetation and hydrology criteria were not met. Based on the upland mapping, it was determined that the site is comprised of approximately 1.31 acres of upland and 8.69 acres of wetland. Although a specific plan was never developed regarding how many acres of upland buffer would ultimately be present at the site, the plan allowed for up to 1.84 acres of Upland buffer. Therefore, the restoration site results in more wetland acreage than what was required by the CSP. Although the CSP stated that wells and/or gauges would be installed at the site, discussions with USACE at the time determined the wells would not be useful in the clay soils due to perching of surface water.

Antecedent precipitation evaluations were conducted for the June and August 2019 monitoring events and are included in Appendix C of this report. Based on available WETS data from the local Madeline Island WETS station, the antecedent precipitation evaluations determined that climatic conditions were wetter than normal at the time of the June site visit and within normal at the time of the August site visit. The Palmer Drought Index also indicates wetter than normal (Very Moist, +3.00 to +3.99) hydrological conditions at the time of both 2019 site visits.

As stated above, soils were evaluated during the June 8, 2015 monitoring event. It often takes many years for hydric soils to establish and it is typically not recommended to advance soil borings at the wetland mitigation sites due to increased disturbance. Since the site has relatively flat terrain but yet shows fairly evident vegetation transitions from wetland to upland, soil borings were advanced in 2015 to better evaluate hydrology conditions such as saturation and water table within the upper 12 inches of the soil profile. As part of the evaluation, soils were observed and hydric soil indicators were recorded where applicable. The results of the soil borings are discussed in further detail in Section 3.1.3 of this report.

Vegetation sample plots were chosen in areas that provide a good representation of the surrounding community. Plot sizes were established as 5-foot radius plots for the herbaceous layer and 15-foot radius plots for the shrub layer, where applicable. Exact locations may vary slightly from year to year and between monitoring events but are relatively close and chosen to be most representative of the surrounding area. As stated above, a random meander survey of the site was also conducted in order to establish a complete list of vegetation present within each community type. Vegetation plots are shown on Figure 3, as well as the current site layout and overall wetland boundaries versus upland. The findings of the Year 3 monitoring are summarized below for each community type.

3.1 Wet Meadow/Sedge Meadow

3.1.1 Vegetation

Post-construction Wet Meadow/Sedge Meadow areas were proposed to support a variety of native grasses, sedges and forbes. It is anticipated that much of the site would re-establish naturally to shrub communities, consisting of Willows (*Salix spp.*), Dogwoods (*Cornus spp.*) and Alders (*Alnus spp.*). With the exception of monitoring and control of INN species, it is anticipated that little additional effort will be needed. Some discussion of seeding the site was included in the CSP but follow up site visits



identified natural establishment of several native, hydrophytic species so additional seeding has been determined to be unnecessary.

Wetland Plots 1, 3, 4, 5, 6, 7, 8 and 9 have been consistently classified as Wet Meadow/Sedge Meadow communities while Plot 2 has been classified as Upland. All plots identified as Wet Meadow/Sedge Meadow communities had a dominance of hydrophytic species (FAC, Facultative Wetland (FACW) and/or Obligate (OBL)) for both 2019 monitoring events, as well as all prior monitoring events with exception of Plot 6. Plot 6 did not have a dominance of hydrophytic species during the August 24, 2015 monitoring event but has met the hydrophytic vegetation criteria during all other monitoring events.

All plots met the performance standard of 20% relative cover or less for INN species occurrence during the 2019 monitoring events. The primary INN species occurrence throughout the first five years of monitoring has been *Phalaris arundinacea* in the southwest portion of the site in the vicinity of Plot 3. It appeared that the majority of the population had been effectively treated by the time of the August 2019 monitoring event and as an average of both the June and August monitoring events, Plot 3 now meets the < 20% cover for INN species. Wet Meadow/Sedge Meadow Plots 3, 4, 5, 6, 7 and 9 all had some INN species present during the monitoring events, while Plots 1 and 8 did not have any INN species present in 2019.

Although *Phalaris arundinacea* has been the primary concern at the site since the onset of the project, other INN species are present as well although in much smaller percentages across the Wet Meadow/Sedge Meadow community. All INN species present have been treated through chemical applications from 2015 through 2019 and will be watched closely throughout the course of the project to ensure populations do not continue to increase.

Seventy-eight (78) species in total were observed in the Wet Meadow/Sedge Meadow communities in Year 5 (73 species in Year 4, 68 species in Year 3, 57 species in Year 2 and 43 species in Year 1). Thirteen (13) of the species observed in Year 5 were INN species (10 species in Year 4, 13 species in Year 3, 9 species in Year 2 and 6 species in Year 1). The total INN species relative cover in Year 5 was 4.44% within the Wet Meadow/Sedge Meadow community (4.65% in Year 4, 6.91% in Year 3, 7.24% in Year 2 and 11.31% in Year 1). Eleven (11) of the NNI species observed in Year 5 were Upland (UPL) or Facultative Upland (FACU) (10 species in Year 4, 9 species in Year 3, 7 species in Year 2 and 8 species in Year 1). Fifty-four (54) of the NNI species were hydrophytic (FAC, FACW or OBL) within the Wet Meadow/Sedge communities (53 species in Year 4, 47 species in Year 3, 40 species in Year 2 and 29 species in Year 1).

Table 1 below shows the 2019 comprehensive vegetation summary with regards to Wet Meadow/Sedge Meadow communities, including vegetation observed during the random meander surveys.

Table 1 – 2019 Wet/Sedge Meadow

Scientific Name	Common Name	Indicator	% Cover*
<i>Agrostis gigantea</i>	Red-Top	FACW	0.44%
<i>Alisma triviale</i>	Northern Water Plantain	OBL	
<i>Alopecurus aequalis</i>	Short-Awned Foxtail	OBL	
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL	
<i>Barbarea vulgaris</i>	Yellow Rocket	FAC	<0.01%
<i>Bromus inermis</i>	Smooth Brome	UPL	<0.01%
<i>Carex buxbaumii</i>	Buxbaum's Sedge	OBL	
<i>Carex castanea</i>	Woodland Sedge	FACW	
<i>Carex debilis</i>	Northern Weak Sedge	FACW	
<i>Carex gracillima</i>	Graceful Sedge	FACU	
<i>Carex interior</i>	Inland Star Sedge	OBL	
<i>Carex lacustris</i>	Lake Sedge	OBL	
<i>Carex scoparia</i>	Broom Sedge	FACW	
<i>Carex stipata</i>	Brown Fox Sedge	OBL	

<i>Carex stricta</i>	Tussock Sedge	OBL	
<i>Carex vulpinoidea</i>	Fox Sedge	OBL	
<i>Cicuta maculata</i>	Spotted Water Hemlock	OBL	
<i>Cirsium arvense</i>	Field Thistle	FACU	<0.01%
<i>Cornus alba</i>	Red-Osier Dogwood	FACW	
<i>Danthonia spicata</i>	Poverty Oat Grass	UPL	
<i>Dianthus armeria</i>	Deptford Pink	UPL	<0.01%
<i>Eleocharis obtusa</i>	Blunt Spike Rush	OBL	
<i>Eleocharis palustris</i>	Common Spike Rush	OBL	
<i>Epilobium ciliatum</i>	American Willow-Herb	FACW	
<i>Equisetum arvense</i>	Meadow Horsetail	FAC	
<i>Erechtites hieracifolius</i>	American Burn-Weed	FACU	
<i>Eupatorium perfoliatum</i>	Boneset	FACW	
<i>Euthamia graminifolia</i>	Grass-Leaved Goldenrod	FAC	
<i>Eutrochium maculatum</i>	Joe-Pye Weed	FACW	
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU	
<i>Frangula alnus</i>	Glossy Buckthorn	FAC	<0.01%
<i>Galium boreale</i>	Northern Bedstraw	FAC	
<i>Gentiana andrewsii</i>	Bottle Gentian	FACW	
<i>Geum allepicum</i>	Yellow Avena	FAC	
<i>Geum canadense</i>	White Avena	FAC	
<i>Glyceria canadensis</i>	Rattlesnake Manna Grass	OBL	
<i>Glyceria striata</i>	Fowl Manna Grass	OBL	
<i>Hypericum canadense</i>	Canadian St. John's Wort	FACW	
<i>Hypericum majus</i>	Larger Canadian St. John's Wort	FACW	
<i>Iris versicolor</i>	Blueflag	OBL	
<i>Juncus brevicaudatus</i>	Narrow Panicle Rush	OBL	
<i>Juncus effusus</i>	Soft Rush	OBL	
<i>Juncus tenuis</i>	Path Rush	FAC	
<i>Lotus corniculatus</i>	Birdsfoot-Trefoil	FACU	<0.01%
<i>Lycopus uniflorus</i>	Northern Water-Horehound	OBL	
<i>Lysimachia terrestris</i>	Swamp Candles	OBL	
<i>Lysimachia thyrsifolia</i>	Swamp Loosetrife	OBL	
<i>Mimulus ringens</i>	Monkey Flower	OBL	
<i>Oenothera perennis</i>	Small Evening Primrose	FAC	
<i>Panicum dichotomiflorum</i>	Fall Panic Grass	FACW	
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW	2.79%
<i>Phleum pratense</i>	Timothy	FACU	<0.01%
<i>Phragmites australis</i>	Common Reed Grass	FACW	0.33%
<i>Pinus sylvestris</i>	Scotch Pine	UPL	0.10%
<i>Poa palustris</i>	Fowl Bluegrass	FACW	
<i>Poa pratensis</i>	Kentucky Bluegrass	FACU	0.80%
<i>Potentilla simplex</i>	Common Cinquefoil	FACU	
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC	
<i>Prunella vulgaris</i>	Heal-All	FAC	
<i>Ranunculus acris</i>	Common Buttercup	FAC	<0.01%
<i>Rosa blanda</i>	Wild Rose	FACU	
<i>Rudbeckia hirta</i>	Black-Eyed Susan	FACU	
<i>Salix bebbiana</i>	Bebb's Willow	FACW	
<i>Salix discolor</i>	Pussy Willow	FACW	
<i>Salix exigua</i>	Sandbar Willow	OBL	
<i>Salix petiolaris</i>	Meadow Willow	FACW	
<i>Scirpus atrovirens</i>	Green Bulrush	OBL	
<i>Scirpus cyperinus</i>	Wool Grass	OBL	
<i>Solidago canadensis</i>	Canada Goldenrod	FACU	
<i>Solidago gigantea</i>	Giant Goldenrod	FACW	
<i>Solidago juncea</i>	Early Goldenrod	UPL	
<i>Solidago speciosa</i>	Showy Goldenrod	UPL	
<i>Solidago uliginosa</i>	Bog Goldenrod	OBL	
<i>Spiraea alba</i>	Meadowsweet	FACW	
<i>Sisyrinchium montanum</i>	Blue-Eyed Grass	FAC	
<i>Symphyotrichum lateriflorum</i>	Calico Aster	FACW	
<i>Veronica serpyllifolia</i>	Thyme-Leaved Speedwell	FAC	
<i>Viola adunca</i>	Hook-Spur Violet	FACU	
Total =			4.44%

*Percent cover calculated across all of Wet/ Sedge Meadow community XXX = indicates INN species in relative cover



3.1.2 Hydrology

Hydrology of the Wet Meadow/Sedge Meadow areas was proposed to consist of saturation to the surface or up to 6 inches above the soil surface for a minimum of 30 days during the growing season in most years. It is expected that these areas will transition back and forth in depth of water and length of the hydro-period.

All Wet Meadow/Sedge Meadow community sample plots met wetland hydrology criteria of a Wet Meadow/Sedge Meadow community during both 2019 monitoring events. None of the plots had inundation observed during the 2019 monitoring events. Regardless of inundation or other surficial hydrology indicators, all Wet Meadow/Sedge Meadow plots met hydrology criteria through secondary indicators (Geomorphic Position (D2) and FAC-Neutral Test (D5)).

The performance standards set forth in the CSP for hydrology indicate saturation should occur within 12 inches up to 6 inches of inundation for a minimum of 14 consecutive days but this is not measurable with or without monitoring wells so it is assumed that this performance standard is met based on observations of hydrophytic vegetation and surficial hydrology indicators observed during monitoring events. Applicable hydrology indicators observed throughout the Wet Meadow/Sedge Meadow communities included Surface Water (A1), High Water Table (A2), Saturation (A3), Geomorphic Position (D2) and FAC-neutral Test (D5).

Antecedent precipitation evaluations were conducted for the June and August 2019 monitoring events and are included in Appendix C of this report. Based on available WETS data from the local Madeline Island WETS station, the antecedent precipitation evaluations determined that climatic conditions were wetter than normal at the time of the June site visit and within normal at the time of the August site visit. The Palmer Drought Index also indicates wetter than normal (Very Moist, +3.00 to +3.99) hydrological conditions at the time of both 2019 site visits.

3.1.3 Soils

Although the CSP indicated hydric soils would be assumed once hydrology performance standards were met, soils were evaluated throughout the site during the June 2015 monitoring event. Based on soil observations made during 2015, Wet Meadow/Sedge Meadow sample Plots 1, 3, 4, 6, 7, 8 and 9 all met Hydric Soil Indicators including Loamy Mucky Mineral (F1), Redox Dark Surface (F3) and/or Redox Dark Surface (F6). Plot 5 did not meet Hydric Soil Indicators but did have redoximorphic features observed within the upper 12 inches of the soil profile. Plot 5 did meet vegetation and hydrology criteria so hydric soils were assumed. Soils will be reevaluated during later monitoring events to determine if areas such as Plot 5 have since developed hydric soils.

3.2 Upland

3.2.1 Vegetation

Plot 2 has been classified as an Upland community and is the only plot located within this community type. This plot has been primarily dominated by non-hydrophytic species and has not met the vegetation dominance test or prevalence index during any of the monitoring events to date, although 2015 evaluation of soils indicated the area meets Hydric Soil Indicators. It is possible this area will convert to a wetland community over time but thus far the vegetation and hydrology indicate this area is an upland community. Year 5 monitoring indicates this Upland plot meet and exceed the proposed 20% INN species occurrence set for Year 5 with 11.35% relative cover.

Invasive species management activities throughout the first 5 years of the project reduced the percent cover of some species such as *Lotus corniculatus*, *Phalaris arundinacea* and *Cirsium ssp.* but other species



have either recently emerged or have increased in relative cover, those species including *Agrostis gigantea* and *Leucanthemum vulgare*. Proposed management activities to address this issue are discussed further in Section 4.7 of this report.

Thirty-one (31) species in total were identified in Year 5 within Upland communities versus (28 species in Year 4, 24 species in Year 3, 24 species in Year 2 and 18 species in Year 1). During Year 5, seven (7) of those species were INN species 7 species in Year 4, 7 species in Year 3, 7 species in Year 2 and 4 species in Year 1). The total INN species relative cover comprised 11.35% of the Upland communities (12.48% in Year 4, 24.78% in Year 3, 9.33% in Year 2 and 22.29% in Year 1).

Table 2 below shows the 2019 comprehensive vegetation summary with regards to Upland communities, including vegetation observed during the random meander surveys.

Table 2 – 2019 Upland Vegetation

Scientific Name	Common Name	Indicator	% Cover*
<i>Achillea millefolium</i>	Common Yarrow	FACU	
<i>Agrostis gigantea</i>	Red Top	FACW	4.63%
<i>Carex gracillima</i>	Graceful Sedge	FACU	
<i>Cirsium arvense</i>	Field Thistle	FACU	<0.01%
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU	
<i>Danthonia spicata</i>	Poverty Oat Grass	UPL	
<i>Erechtites hieracifolius</i>	American Burnweed	FACU	
<i>Erigeron strigosus</i>	Annual Fleabane	FAC	
<i>Eupatorium perfoliatum</i>	Boneset	FACW	
<i>Fragaria virginiana</i>	Virginia Strawberry	FACU	
<i>Galium boreale</i>	Northern Bedstraw	FAC	
<i>Hypericum canadense</i>	Canadian St. John's Wort	FACW	
<i>Juncus effusus</i>	Soft Rush	OBL	
<i>Juncus tenuis</i>	Path Rush	FAC	
<i>Leucanthemum vulgare</i>	Oxeye Daisy	UPL	2.05%
<i>Lotus corniculatus</i>	Birdsfoot-Trefoil	FACU	4.63%
<i>Lycopus uniflorus</i>	Northern Bugleweed	OBL	
<i>Lysimachia thyrsifolia</i>	Swamp Loosetrife	OBL	
<i>Mentha arvensis</i>	Field Mint	FACW	
<i>Phalaris arundinacea</i>	Reed Canary Grass	FACW	<0.01%
<i>Phleum pratense</i>	Timothy	FACU	<0.01%
<i>Potentilla norvegica</i>	Norwegian Cinquefoil	FAC	
<i>Potentilla simplex</i>	Common Cinquefoil	FACU	
<i>Prunella vulgaris</i>	Heal-All	FAC	
<i>Ranunculus acris</i>	Common Buttercup	FAC	<0.01%
<i>Rudbeckia hirta</i>	Black-Eyed Susan	FACU	
<i>Scirpus cyperinus</i>	Wool Grass	OBL	
<i>Sisyrinchium montanum</i>	Blue-Eyed Grass	FAC	
<i>Solidago canadensis</i>	Canada Goldenrod	FACU	
<i>Symphotrichum lateriflorum</i>	Calico Aster	FACW	
<i>Viola labradorica</i>	Alpine Violet	FAC	
			11.35% Total

*Percent cover of INN species calculated across all Upland areas

XXX = indicates INN species

3.2.2 Hydrology

Upland areas are proposed to be relatively dry with saturation below 12 inches of the soil surface. In this region, due to the low permeability of the soils, saturation near the soil surface is not uncommon. These soils tend to see perched water conditions in small depressions and in those cases will often favor hydrophytic species.



3.2.3 Soils

Soils were evaluated throughout the Wet Meadow/Sedge Meadow and Upland areas during the June 2015 monitoring event. Plot 2 is the only sample plot located within an upland and this plot met hydric soils criteria. The soils in this area were unlike soils observed throughout the rest of the site, being comprised of reduced sandy loam surface soils as opposed to clay loam soils. This sample plot met the Depleted Matrix (F3) Hydric Soil Indicator. These soils may be relict hydric soils or possibly soils that were historically sidecast when nearby ditches were excavated. It is possible this area will transition to Wet Meadow/Sedge Meadow over time. Soils will be reevaluated during later monitoring events to determine if areas such as Plot 2 develop additional hydric soil characteristics.

4.0 ASSESSMENT OF PERFORMANCE STANDARDS ACHIEVEMENT

Performance standards were set for Years 3, 5 and 8 for the City of Ashland Compensatory Mitigation Bank and included;

4.1 Vegetation

1. By Year 3 the site will support 70% vegetative cover consisting of a minimum of 10 FAC or wetter species.
2. By Year 8 the site will support 80 % vegetative cover consisting of a minimum of 20 FAC or wetter species.
3. *Phalaris arundinacea* and other INN species will comprise no more than 30% cover by Year 5 and no more than 20% cover by Year 8.
4. Plant communities shall achieve at least a medium vegetative diversity/integrity rating by the end of Year 8.
5. NNI species shall comprise a minimum of 80% cover by Year 8.
6. Native wetland shrubs, including *Salix spp.*, *Cornus spp.*, *Alnus spp.*, *Spiraea spp.*, etc. shall comprise at least 20% overall cover for the site by Year 8.

4.2 Hydrology

1. Site hydrology will be established in all enhanced and restored wetlands to a level of saturation within 12 inches of the soil surface, to inundation by up to 6 inches of water, for a minimum of 14 consecutive days, during the growing season under normal to wetter than normal conditions (70 percent of the years based on most recent 30-year record of precipitation) by the end of Year 3 and every monitoring year thereafter.
2. Within 3 years sufficient hydrology will be established as to support a wet meadow and shrub-carr system with evidence of hydrology in the form of at least one primary or two secondary indicators being present during each monitoring event.
3. Areas of open water larger than ¼ acre in size and with less than 50% emergent canopy cover will receive no credit.
4. No credit will be given for any acreage exceeding 10% of the total wetland area of the site if it has a depth of ponded water exceeding 6 inches for more than 56 days.

4.3 Soils

1. Hydric soil criteria will be assumed to be met once hydrology performance standards are met.

4.4 Site Accomplishments

Although some INN species have been identified as needing attention and corrective action, much of the site is performing as a high quality Wet Meadow/Sedge Meadow community and thus far, meets and exceeds the standards of vegetation and hydrology set forth in the original mitigation bank document for Years 3 and 5.



Wet Meadow/Sedge Meadow sample plots 1, 3, 4, 5, 6, 7, 8 and 9 currently exceeding the Year 3, 5 and 8 performance standards with exception of Performance Standard #6, which indicates that native wetland shrubs, including *Salix spp.*, *Cornus spp.*, *Alnus spp.*, *Spiraea spp.*, etc. shall comprise at least 20% overall cover for the site by Year 8. Several plots do have shrubs establishing naturally, many of which are at a growth stage representative of shrubs by definition. The plots with a shrub component documented for 2019 include Plots 1, 5, 6, 7 and 9. However, the shrubs identified on the site are primarily comprised of *Salix spp.* and only a few *Cornus spp.* and *Spiraea spp.* shrubs have been observed near the road edges and no *Alnus spp.* shrubs have been observed to date. The natural establishment of shrubs has been noticeable and it appears the site is on track to naturally develop a shrub-carr community over the course of several years.

4.4.1 Vegetation

The Wet Meadow/Sedge Meadow community is currently comprised of less than 20% INN species and has greater than 80% relative cover of NNI FAC, FACW and/or OBL species. Current conditions exceed the Year 3, 5 and 8 performance standards within the Wet Meadow/Sedge Meadow community. Table 3 below summarizes the performance standards and current vegetative conditions as relative cover within the Wet Meadow/Sedge Meadow communities.

Table 3 – Vegetative Performance Standard Assessment – Wet Meadow/Sedge Meadow

Performance Standard	Year 1	Year 2	Year 3	Year 4	Year 5
Year 3					
- > 70% Vegetative Cover/ - 10 NNI hydrophytic species	-100% -29 species	-100% -40 species	-100% -47 species	-100% -53 species	-100% -54 species
Year 5					
- ≤ 30 INN cover	-11.31%	-7.24%	-6.91%	-4.65%	-4.44%
Year 8					
- 80% Vegetative cover	-100%	-100%	-100%	-100%	-100%
- 20 NNI hydrophytic species	-29 species	-40 species	-47 species	-53 species	-54 species
- < 20% INN cover	-11.31%	-7.24%	-6.91%	-4.65%	-4.44%
- Medium Vegetative diversity	-NA	-NA	-NA	-NA	-NA
Year 8					
- Shrubs > 20% Total Cover	-3.13%	-0.63%	-12.5%	-10.63%	-11.25%

XXX = Meets Interim Performance Standards

XXX = Meets Interim Performance Standards

INN = Invasive/non-native species

NNI = Native/ non-invasive species

* NNI cover Only includes FAC, FACW or OBL NNI species

The Upland community currently meets and exceeds the Year 3, 5 and 8 performance standards for vegetative cover and meets other performance standards for Years 3, 5 and 8. Table 4 below summarizes the performance standards and current vegetative conditions as relative cover within the Upland communities as well as other vegetation performance standards that may not yet be able to be fully evaluated.

Table 4 – Vegetative Performance Standard Assessment - Upland

Performance Standard	Year 1	Year 2	Year 3	Year 4	Year 5
Year 3					
- > 70% Vegetative Cover/ - 10 NNI species	-100% -14 species	-100% -17 species	-100% -17 species	-100% -21 species	-100% -24 species
Year 5					
- ≤ 30 INN cover	-22.29%	-9.33%	-24.78%	-12.48%	-11.35%
Year 8					
- 80% Vegetative cover	-100%	-100%	-100%	-100%	-100%
- 20 NNI species	-29 species	-40 species	-47 species	-53 species	-54 species
- < 20% INN cover	-11.31%	-7.24%	-6.91%	-4.65%	-4.44%

XXX = Meets Interim Performance Standards

XXX = Meets Interim Performance Standards



4.4.2 Hydrology

The performance standards set forth in the CSP for hydrology indicate saturation should occur within 12 inches up to 6 inches of inundation for a minimum of 14 consecutive days but this is not measurable with or without monitoring wells so it is assumed that this performance standard is met based on observations of hydrophytic vegetation and surficial hydrology indicators observed during monitoring events. Applicable hydrology indicators observed throughout the Wet Meadow/Sedge Meadow communities included Surface Water (A1), High Water Table (A2), Saturation (A3), Geomorphic Position (D2) and FAC-neutral Test (D5).

None of the plots had inundation observed during the 2019 monitoring events. Regardless of inundation or other surficial hydrology indicators, all Wet Meadow/Sedge Meadow plots met hydrology criteria through secondary indicators.

4.5 Site Failures

4.5.1 Invasive/Non-Native (INN) Species

INN species are an issue that was anticipated from the on-set to require frequent attention and treatment throughout the entirety of the project. Currently, all Wet Meadow/Sedge Meadow plots. Overall when average Wet Meadow/Sedge Meadow communities have 4.44% relative cover of INN species, which is below performance standards set for future monitoring years. Although these levels fall within performance standards set under the original CSP, it is still advised that these areas be evaluated and areas with higher concentrations of *Phalaris arundinacea* continue to be treated during the 2020 growing season, and subsequent seasons as needed.

Upland areas have reduced levels of INN species than in 2017 with an average of 11.35% relative cover in 2019. Although the invasive species management activities have decreased the overall occurrence of certain target species, the total number of INN species observed is attributed to recently established species and/or some species that have increased in abundance. Those species include *Agrostis gigantea* and *Leucanthemum vulgare*. Proposed management activities to address those species are discussed further in Section 4.7 of this report.

4.5.2 Hydrology

The site hydrology appears to be functioning as anticipated with 8.69 acres of the 10-acre site functioning as a high quality Wet Meadow/Sedge Meadow community. Since the site hydrology is entirely dependent on precipitation and run-off, it is likely this hydrology could vary from year to year and could affect wetland restoration efforts but the current boundaries are not expected to vary significantly. No portion of the site was considered to have open water present and it is not anticipated that there will be open water on the site with the exception of a rare flooding event.

4.6 Corrective Actions Taken in 2015 - 2019

A variety of control and eradication measures were taken in 2015 through 2019 to address the INN species populations present on-site. A summary of the site visits by Cardno and Stantec Consulting INN species treatment specialists is included below;

- July 14, 2015 – Two Cardno staff members treated reed canary grass throughout the entire site with foliar applications of a 2% AquaNeat (glyphosate) herbicide solution. A total of 10 gallons of solution (about 26 ounces of herbicide concentrate in 10 gallons of water) was sprayed on foliage of reed canary grass using an ATV-mounted sprayer.
- August 3, 2015 - Two Cardno staff members treated reed canary grass, bird's-foot trefoil and Canada thistle throughout the site with foliar applications of a 2% AquaNeat (glyphosate) herbicide solution. A



- total of 25 gallons of solution was applied using an ATV-mounted sprayer. The entire site was searched and treated.
- September 15, 2015 - Three Cardno staff members treated reed canary grass, bird's-foot trefoil and Canada thistle on about half of the site due to time constraints because of rainy weather. A total of 17 gallons of a 0.5% solution of Milestone (aminopyralid) herbicide in water was applied to foliage of bird's-foot trefoil and thistle. Approximately 3 gallons of a 3% solution of AquaNeat (glyphosate) herbicide was applied to foliage of reed canary grass. Backpack and ATV-mounted sprayers were used.
 - October 15, 2015 – One Cardno staff member visited the site to treat the acreage remaining from the September 15 visit. She applied 12 gallons of 0.5% Milestone (aminopyralid) herbicide solution to foliage of bird's-foot trefoil and Canada thistle with a backpack sprayer.
 - September 8, 2016 - Three Cardno staff visited the site to perform a late-season foliar treatment on reed canary grass using 30 gallons of 3% glyphosate solution. Application was made using both an ATV-mounted tank sprayer as well as hand-pump backpacks. Reed canary grass populations were predominantly found in locations previously mapped, however there are sporadic occurrences throughout the site.
 - June 5, 2017 – Six Cardno staff members spent a half day monitoring for and treating reed canary grass within the mitigation site. Herbicide used included 2% glyphosate mixture.
 - July 10, 2017 – Four Cardno staff members spent a half day monitoring for and treating reed canary grass primarily, as well as birds-foot trefoil and non-native thistle. Herbicide used included 2% glyphosate mixture.
 - August 7, 2017 – Four Cardno crew members spent two hours on-site, mainly checking for invasive growth following earlier treatments. A small amount of 2% glyphosate mixture was sprayed on resprouts.
 - September 5, 2017 – Five Cardno crew members visited the site for three hours to treat reed canary grass fall growth with a 2% glyphosate solutions.
 - May 29, 2018 – Stantec Consulting conducted broadleaf selective herbicide treatment of thistles and bird's-foot trefoil with Transline and cool-season grass selective herbicide treatment of reed canary grass throughout the site with Select Max in dry areas and Round-up Custom in areas with standing water.
 - July 3, 2018 – Stantec Consulting conducted follow-up backpack and UTV herbicide treatment of reed canary grass with Select Max in dry areas and Round-up Custom in areas with standing water and broadleaf selective follow-up treatments of thistles and birds-foot trefoil with Transline.
 - June 2019 – Heartland Ecological Group, Inc. (Heartland) installed native seed to areas of the site where past herbicide treatments have been conducted to control populations of reed canary grass and non-native cattails, conducted spring reed canary grass treatments to the entire site using Select Max and Round-Up Custom, conducted broadleaf selective herbicide backpack treatment to entire site focusing on bird's-foot trefoil, Canada thistle and ox-eye daisy and conducted foliar woody herbicide treatment to buckthorn species within the project area using Transline and Triclopyr Amine.
 - July 2019 – Heartland conducted follow-up reed canary grass treatment throughout site using Select Max and Round-Up Custom, conducted follow-up broadleaf treatment to entire site using Transline, conducted backpack wicking herbicide treatment to non-native cattails using Round-Up Custom and conducted follow-up broadleaf herbicide treatment to persistent broadleaf species to reduce non-native populations and facilitate native establishment.

It should be noted that Canada Thistle was not observed during 2015 or 2016 monitoring events and very few occurrences in 2017 through 2019 at the City of Ashland Compensatory Wetland Mitigation Bank.

The Heartland 2019 Vegetation Management/2020 Recommendations Report is included in Appendix D.

4.7 Proposed Corrective Actions in 2020

The primary concern at this time is the INN species present at the site, primarily the larger stands of *Phalaris arundinacea* in the southwest portion of the site near Plot 3 and the increase in INN species throughout the upland areas. Proposed vegetation management includes herbicide treatments to persistent broadleaf invasive species, reed canary grass herbicide treatment to entire site, follow-up treatments late summer to target reed canary grass, follow-up broadleaf spot spray herbicide applications to target persistent broadleaf species such as thistles and birds-foot trefoil and follow-up non-native cattail backpack herbicide wicking. Proposed invasive



species management for the 2020 growing season are discussed in the Heartland 2019 Vegetation Management/2020 Recommendations Report is included in Appendix D

5.0 SUMMARY

The 2019 Year 5 monitoring indicates that 8.69 acres of the site is functioning as a Wet Meadow/Sedge Meadow wetland community with shrubs emerging in various areas of the site. The remainder of the site, 1.31 acres, is classified as Upland. The Wet Meadow/Sedge Meadow community is currently comprised of 4.44% INN relative cover, meeting the performance standards of less than 20% INN species and greater than 80% relative cover of NNI FAC, FACW and/or OBL species. Wet Meadow/Sedge Meadow sample plots 1, 3, 4, 5, 6, 7, 8 and 9 currently exceed the Year 3, 5 and 8 performance standards with exception of Performance Standard #6, which indicates that native wetland shrubs, including *Salix spp.*, *Cornus spp.*, *Alnus spp.*, *Spiraea spp.*, etc. shall comprise at least 20% overall cover for the site by Year 8. Several plots do have shrubs establishing naturally and are at a growth stage that meet the definition of shrubs. The plots with a shrub component documented for 2019 include Plots 1, 5, 6, 7 and 9. The natural establishment of shrubs has been noticeable and it appears the site is on track to naturally develop a shrub-carr community over the course of several years although currently *Salix spp.* are the primary shrub species being observed at the site. The site meets all performance standards in relation to INN species when averaged over the entire Wet Meadow/Sedge Meadow community.

None of the plots had standing water during the 2019 monitoring events but all Wet Meadow/Sedge Meadow plots met hydrology criteria through secondary indicators (Geomorphic Position (D2) and FAC-Neutral Test (D5)). Although surficial hydrology was not necessarily observed at the specific sample plots, inundation and saturation was observed throughout the site during both site visits. Hydrology indicators observed throughout the Wet Meadow/Sedge Meadow communities included Surface Water (A1), High Water Table (A2), Saturation (A3), Geomorphic Position (D2) and FAC-neutral Test (D5).

Antecedent precipitation evaluations were conducted for the June and August 2019 monitoring events and are included in Appendix C of this report. Based on available WETS data from the local Madeline Island WETS station, the antecedent precipitation evaluations determined that climatic conditions were wetter than normal at the time of the June site visit and within normal at the time of the August site visit. The Palmer Drought Index also indicates wetter than normal (Very Moist, +3.00 to +3.99) hydrological conditions at the time of both 2019 site visits.

Soils were evaluated throughout the Wet Meadow/Sedge Meadow and Upland areas during the June 2015 monitoring event. Plot 2 is the only sample plot located within an upland and this plot met hydric soils criteria. The soils in this area were unlike soils observed throughout the rest of the site, being comprised of reduced sandy loam surface soils as opposed to clay loam soils. This sample plot met the Depleted Matrix (F3) Hydric Soil Indicator. These may be relict hydric soils or it is possible this area will transition to Wet Meadow/Sedge Meadow over time. Soils will be reevaluated during later monitoring events to determine if areas such as Plot 2 develop additional hydric soil characteristics.

Upland areas had reduced levels of INN species in 2019 than in 2018 with an average of 11.35% relative cover. Although the invasive species management activities have decreased the overall occurrence of certain target species, the total increased number of INN species is attributed to more recently established species and treatments that may lead to decrease of certain species and lend better conditions to other INN species. Those species include *Agrostis gigantea* and *Leucanthemum vulgare* and *Pheum pratense*. Aggressive control measures be employed in 2020 to address the new species of concern. Proposed management activities to address this issue are discussed further in Section 4.7 of this report.

The INN species are still of concern, primarily the larger stands of *Phalaris arundinacea* in the southwest portion of the site, as well as the INN species throughout the upland areas. It is recommended that a qualified INN species control firm continue to treat the site as needed in Year 6 (2020).

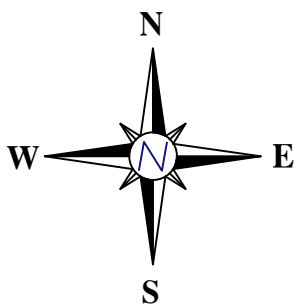
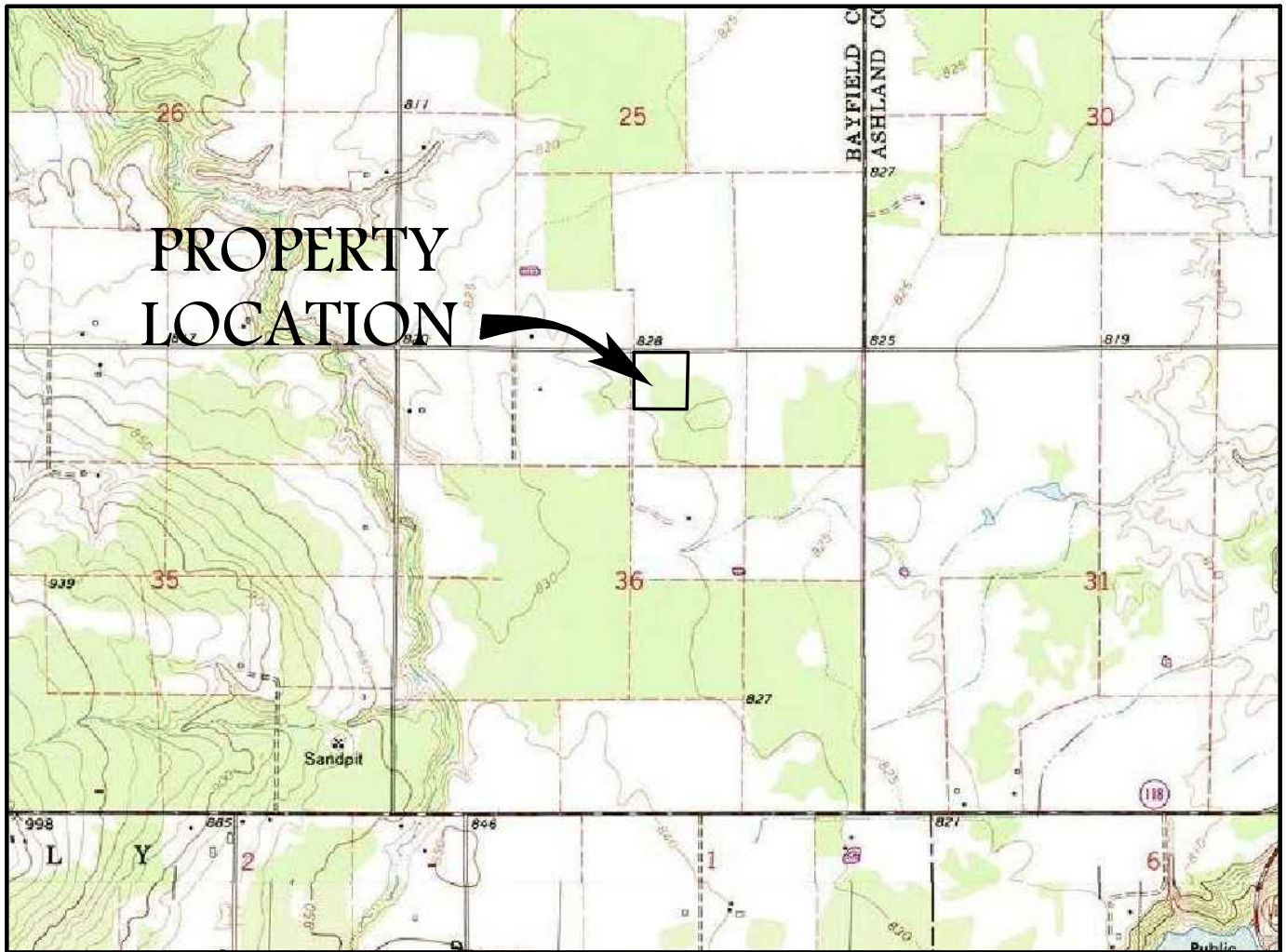


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FIGURES



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET

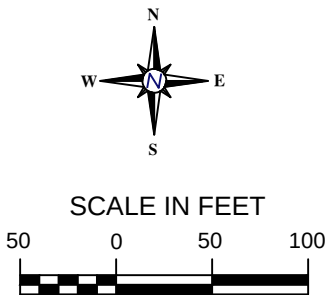
NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, ASHLAND WEST, WISCONSIN, 1975 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)

SITE LOCATION & LOCAL TOPOGRAPHY	APPROVED BY: AMM DRAWN BY: NLB	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF WETLANDS & WATERWAYS LLC, AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS FURNISHED.		PROJECT NUMBER: 086
CITY OF ASHLAND MITIGATION BANK SEC. 36, T47N, R5W, TOWN OF EILEEN, BAYFIELD COUNTY, WISCONSIN	DATE: 8-27-12 SCALE: 1"=2000'			FIGURE NO. 1



- LEGEND:
- PROPOSED DITCH PLUG
 - GW5 GROUNDWATER MONITORING WELL
 - SILT FENCE

NOTES:

TOTAL SQUARE FEET OF WETLAND FILL = 300 S/FT
0.0069 ACRES

TOTAL CUBIC YARD FOR DITCH PLUG = 16.7 CY

- Construction Procedures;
1. Install temporary erosion and sediment control BMPs
 2. Power wash all equipment prior to loading of ditch plug material
 3. Obtain clay ditch plug material from an approved weed free location
 4. Place clay ditch plug material in ditch plug locations
 5. Seed ditch plug area with appropriate wetland seed mix
 6. Lightly compact ditch plug areas with backhoe bucket or tracked equipment

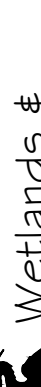
Long-Term Site Management

- Site hydrology will be obtained through plugging of on-site ditches
- Semi-annual monitoring of hydrology, vegetation and soils will be conducted and report for a minimum of 5 years following the year of construction
- Management of the site will include eradication of invasive species, replanting if necessary, adjustments to hydrology if necessary, planting of native wetland shrubs throughout the site

- Vegetation present in wetlands and adjacent areas include;
 - Reed Canary Grass (*Phalaris arundinacea*)
 - Meadow Willow (*Salix petiolaris*)
 - Tall Buttercup (*Ranunculus acris*)
 - Quackgrass (*Elytrigia repens*)
 - Timothy (*Phleum pratense*)
 - Virginia Strawberry (*Fragaria virginiana*)
 - Fowl Bluegrass (*Poa palustris*)
 - Speckled Alder (*Alnus rugosa*)
 - Meadowsweet (*Spiraea alba*)
 - White Panicked Aster (*Aster lanceolatus*)
 - Dwarf Raspberry (*Rubus pubescens*)
 - Uptight Sedge (*Carex stricta*)
 - Lake Sedge (*Carex lacustris*)
 - Canada Bluejoint (*Calamagrostis canadensis*)
 - Giant Goldenrod (*Solidago gigantea*)
 - Pussy Willow (*Salix discolor*)
 - Quaking Aspen (*Populus tremula*)
 - Red Maple (*Acer rubrum*)
- Beartrap Creek is the nearest waterway being approximately 1,400 feet southeast of the site

MITIGATION PLAN	APPROVED BY: AMM	THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF WETLANDS & WATERWAYS LLC, AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS FURNISHED.	 Wetlands & Waterways LLC	PROJECT NUMBER: 086
	DRAWN BY: NLB			FIGURE NO. 2
CITY OF ASHLAND MITIGATION BANK SEC. 36, T47N, R5W, TOWN OF EILEEN, BAYFIELD COUNTY, WISCONSIN	DATE: 4-6-13			
	SCALE: 1"=100'			



CURRENT MITIGATION SITE LAYOUT	APPROVED BY: AMM		THIS DRAWING AND ALL INFORMATION CONTAINED THEREON IS THE PROPERTY OF WETLANDS & WATERWAYS LLC, AND SHALL NOT BE COPIED OR USED EXCEPT FOR THE PURPOSE FOR WHICH IT IS FURNISHED.	 Wetlands & Waterways LLC	FIGURE NO. 3	PROJECT NUMBER: 86
	DRAWN BY: NLB					
	DATE: 2-19-20					
	SCALE: 1"=200'					
CITY OF ASHLAND MITIGATION BANK SEC. 36, T47N, R5W, TOWN OF EILEEN, BAYFIELD COUNTY, WISCONSIN						



APPENDIX A – 2019 MONITORING PHOTOS

City of Ashland Mitigation Site
June 11, 2019 Monitoring Photos



Plot 1 Looking South



Plot 2 Looking South

City of Ashland Mitigation Site
June 11, 2019 Monitoring Photos



Plot 3 Looking South



Plot 4 Looking South

City of Ashland Mitigation Site
June 11, 2019 Monitoring Photos



Plot 5 Looking South



Plot 6 Looking South

City of Ashland Mitigation Site
June 11, 2019 Monitoring Photos



Plot 7 Looking South



Plot 8 Looking South

City of Ashland Mitigation Site
June 11, 2019 Monitoring Photos



Plot 9 Looking South

City of Ashland Mitigation Site
August 19, 2019 Monitoring Photos



Plot 1 Looking South



Plot 2 Looking South

City of Ashland Mitigation Site
August 19, 2019 Monitoring Photos



Plot 3 Looking South



Plot 4 Looking South

City of Ashland Mitigation Site
August 19, 2019 Monitoring Photos



Plot 5 Looking South



Plot 6 Looking South

City of Ashland Mitigation Site
August 19, 2019 Monitoring Photos



Plot 7 Looking South



Plot 8 Looking South

City of Ashland Mitigation Site
August 19, 2019 Monitoring Photos



Plot 9 Looking South



APPENDIX B – 2019 FIELD DATA SHEETS

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 1

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36

T. 47N

R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51617

Long.: -90.93720

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 1

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. <u>Salix exigua</u>	10	☒	OBL	
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
		10 = Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <u>Carex lacustris</u>	90	☒	OBL	
2. <u>Salix petiolaris</u>	15	☐	FACW	
3. <u>Carex vulpinoidea</u>	5	☐	OBL	
4. <u>Carex scoparia</u>	5	☐	FACW	
5. <u>Solidago canadensis</u>	5	☐	FACU	
6. <u>Solidago gigantea</u>	2	☐	FACW	
7. _____	0	☐		
8. _____	0	☐		
9. _____	0	☐		
10. _____	0	☐		
11. _____	0	☐		
12. _____	0	☐		
		122 = Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>105</u>	x 1 = <u>105</u>
FACW species <u>22</u>	x 2 = <u>44</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>5</u>	x 4 = <u>20</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>132</u> (A)	<u>169</u> (B)

Prevalence Index = B/A = 1.280

Hydrophytic Vegetation Indicators:

☒ **Rapid Test for Hydrophytic Vegetation**

☒ **Dominance Test is > 50%**

☒ **Prevalence Index is ≤3.0 ¹**

☐ **Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)**

☐ **Problematic Hydrophytic Vegetation ¹ (Explain)**

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: Plot 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ²Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

- ☐ Histosol (A1)
 - ☐ Histic Epipedon (A2)
 - ☐ Black Histic (A3)
 - ☐ Hydrogen Sulfide (A4)
 - ☐ Stratified Layers (A5)
 - ☐ Depleted Below Dark Surface (A11)
 - ☐ Thick Dark Surface (A12)
 - ☐ Sandy Muck Mineral (S1)
 - ☐ Sandy Gleyed Matrix (S4)
 - ☐ Sandy Redox (S5)
 - ☐ Stripped Matrix (S6)
 - ☐ Dark Surface (S7) (LRR R, MLRA 149B)
 - ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
 - ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
 - ☐ Loamy Mucky Mineral (F1) LRR K, L)
 - ☐ Loamy Gleyed Matrix (F2)
 - ☐ Depleted Matrix (F3)
 - ☒ Redox Dark Surface (F6)
 - ☐ Depleted Dark Surface (F7)
 - ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils : ³

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- ☐ Coast Prairie Redox (A16) (LRR K, L, R)
- ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- ☐ Dark Surface (S7) (LRR K, L, M)
- ☐ Polyvalue Below Surface (S8) (LRR K, L)
- ☐ Thin Dark Surface (S9) (LRR K, L)
- ☐ Iron-Manganese Masses (F12) (LRR K, L, R)
- ☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
- ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- ☐ Red Parent Material (F21)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Soils were not evaluated as part of this monitoring event but are known to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 2

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36

T. 47N

R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51675

Long.: -90.93719

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: Upland

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☐ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☐ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☐ No ☒			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates normal climatic conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 2

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
	0	= Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <i>Potentilla simplex</i>	50	☒	FACU	
2. <i>Carex gracillima</i>	40	☒	FACU	
3. <i>Fragaria virginiana</i>	15	☐	FACU	
4. <i>Rudbeckia hirta</i>	5	☐	FACU	
5. <i>Leucanthemum vulgare</i>	5	☐	UPL	
6. <i>Solidago canadensis</i>	5	☐	FACU	
7. <i>Sisyrinchium montanum</i>	2	☐	FAC	
8. _____	0	☐		
9. _____	0	☐		
10. _____	0	☐		
11. _____	0	☐		
12. _____	0	☐		
	122	= Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
	0	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 0.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0</u>	x 1 = <u>0</u>
FACW species <u>0</u>	x 2 = <u>0</u>
FAC species <u>2</u>	x 3 = <u>6</u>
FACU species <u>115</u>	x 4 = <u>460</u>
UPL species <u>5</u>	x 5 = <u>25</u>
Column Totals: <u>122</u> (A)	<u>491</u> (B)

Prevalence Index = B/A = 4.025

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation

☐ Dominance Test is > 50%

☐ Prevalence Index is ≤3.0 ¹

☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☐ No ☒

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation does not meet wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 2

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☒ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☐ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 3

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51515

Long.: -90.93722

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?** (If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 3

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: 15' radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Herb Stratum (Plot size: 5' radius)				
1. <i>Carex vulpinoidea</i>	40	☒	OBL	
2. <i>Phalaris arundinacea</i>	25	☒	FACW	
3. <i>Scirpus cyperinus</i>	20	☐	OBL	
4. <i>Solidago gigantea</i>	10	☐	FACW	
5. <i>Carex scoparia</i>	10	☐	FACW	
6. <i>Juncus effusus</i>	5	☐	OBL	
7. <i>Eupatorium perfoliatum</i>	5	☐	FACW	
8. <i>Geum aleppicum</i>	5	☐	FAC	
9. _____	0	☐	_____	
10. _____	0	☐	_____	
11. _____	0	☐	_____	
12. _____	0	☐	_____	
		120 = Total Cover		
Woody Vine Stratum (Plot size: 30' radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>65</u>	x 1 = <u>65</u>
FACW species <u>50</u>	x 2 = <u>100</u>
FAC species <u>5</u>	x 3 = <u>15</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>120</u> (A)	<u>180</u> (B)

Prevalence Index = B/A = 1.500

Hydrophytic Vegetation Indicators:

☒ Rapid Test for Hydrophytic Vegetation

☒ Dominance Test is > 50%

☒ Prevalence Index is ≤ 3.0 ¹

☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 3

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☒ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☐ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 4

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36

T. 47N

R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51503

Long.: -90.93620

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?** (If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 4

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
0 = Total Cover				
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
0 = Total Cover				
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <i>Carex lacustris</i>	70	☒	OBL	
2. <i>Carex vulpinoidea</i>	50	☒	OBL	
3. <i>Phalaris arundinacea</i>	5	☐	FACW	
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
8. _____	0	☐		
9. _____	0	☐		
10. _____	0	☐		
11. _____	0	☐		
12. _____	0	☐		
125 = Total Cover				
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
0 = Total Cover				

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>120</u>	x 1 = <u>120</u>
FACW species <u>5</u>	x 2 = <u>10</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>125</u> (A)	<u>130</u> (B)
Prevalence Index = B/A = <u>1.040</u>	

Hydrophytic Vegetation Indicators:

☒ **Rapid Test for Hydrophytic Vegetation**

☒ **Dominance Test is > 50%**

☒ **Prevalence Index is ≤3.0 ¹**

☐ **Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)**

☐ **Problematic Hydrophytic Vegetation ¹ (Explain)**

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: Plot 4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ²Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

- ☐ Histosol (A1)
 - ☐ Histic Epipedon (A2)
 - ☐ Black Histic (A3)
 - ☐ Hydrogen Sulfide (A4)
 - ☐ Stratified Layers (A5)
 - ☐ Depleted Below Dark Surface (A11)
 - ☐ Thick Dark Surface (A12)
 - ☐ Sandy Muck Mineral (S1)
 - ☐ Sandy Gleyed Matrix (S4)
 - ☐ Sandy Redox (S5)
 - ☐ Stripped Matrix (S6)
 - ☐ Dark Surface (S7) (LRR R, MLRA 149B)
 - ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
 - ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
 - ☒ Loamy Mucky Mineral (F1) LRR K, L
 - ☐ Loamy Gleyed Matrix (F2)
 - ☐ Depleted Matrix (F3)
 - ☒ Redox Dark Surface (F6)
 - ☐ Depleted Dark Surface (F7)
 - ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils : ³

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- ☐ Coast Prairie Redox (A16) (LRR K, L, R)
- ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- ☐ Dark Surface (S7) (LRR K, L, M)
- ☐ Polyvalue Below Surface (S8) (LRR K, L)
- ☐ Thin Dark Surface (S9) (LRR K, L)
- ☐ Iron-Manganese Masses (F12) (LRR K, L, R)
- ☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
- ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- ☐ Red Parent Material (F21)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 5

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51561

Long.: -90.93622

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 5

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. <u>Salix exigua</u>	25	☒	OBL	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		25 = Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <u>Carex lacustris</u>	70	☒	OBL	
2. <u>Salix exigua</u>	15	☐	OBL	
3. <u>Carex scoparia</u>	10	☐	FACW	
4. <u>Solidago gigantea</u>	5	☐	FACW	
5. <u>Carex castanea</u>	5	☐	FACW	
6. <u>Fragaria virginiana</u>	3	☐	FACU	
7. <u>Geum aleppicum</u>	3	☐	FAC	
8. _____	0	☐	_____	
9. _____	0	☐	_____	
10. _____	0	☐	_____	
11. _____	0	☐	_____	
12. _____	0	☐	_____	
		111 = Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>110</u>	x 1 = <u>110</u>
FACW species <u>20</u>	x 2 = <u>40</u>
FAC species <u>3</u>	x 3 = <u>9</u>
FACU species <u>3</u>	x 4 = <u>12</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>136</u> (A)	<u>171</u> (B)

Prevalence Index = B/A = 1.257

Hydrophytic Vegetation Indicators:

☒ **Rapid Test for Hydrophytic Vegetation**

☒ **Dominance Test is > 50%**

☒ **Prevalence Index is ≤3.0 ¹**

☐ **Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)**

☐ **Problematic Hydrophytic Vegetation ¹ (Explain)**

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 5

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☒ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be non-hydric based on 2015 evaluation but are now assumed to be hydric based on hydrology observations and a dominance of hydrophytic vegetation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 6

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51606

Long.: -90.93629

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?** (If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 6

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	0	☐		Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
0 = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>100</u> x 1 = <u>100</u> FACW species <u>3</u> x 2 = <u>6</u> FAC species <u>3</u> x 3 = <u>9</u> FACU species <u>10</u> x 4 = <u>40</u> UPL species <u>1</u> x 5 = <u>5</u> Column Totals: <u>117</u> (A) <u>160</u> (B) Prevalence Index = B/A = <u>1.368</u>
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. <i>Salix exigua</i>	5	☒	OBL	
2. <i>Pinus sylvestris</i>	1	☐	UPL	
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
6 = Total Cover				
Herb Stratum (Plot size: <u>5'</u> radius)				Hydrophytic Vegetation Indicators: ☒ Rapid Test for Hydrophytic Vegetation ☒ Dominance Test is > 50% ☒ Prevalence Index is ≤3.0 ¹ ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <i>Carex lacustris</i>	95	☒	OBL	
2. <i>Carex gracillima</i>	10	☐	FACU	
3. <i>Geum aleppicum</i>	3	☐	FAC	
4. <i>Solidago gigantea</i>	3	☐	FACW	
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
8. _____	0	☐		
9. _____	0	☐		
10. _____	0	☐		
11. _____	0	☐		
12. _____	0	☐		
111 = Total Cover				
Woody Vine Stratum (Plot size: <u>30'</u> radius)				Definitions of Vegetation Strata: Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall.. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine - All woody vines greater than 3.28 ft in height.
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
0 = Total Cover				
Hydrophytic Vegetation Present? Yes ☒ No ☐				
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation meets wetland criteria.				

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: Plot 6

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ²Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

- ☐ Histosol (A1)
 - ☐ Histic Epipedon (A2)
 - ☐ Black Histic (A3)
 - ☐ Hydrogen Sulfide (A4)
 - ☐ Stratified Layers (A5)
 - ☐ Depleted Below Dark Surface (A11)
 - ☐ Thick Dark Surface (A12)
 - ☐ Sandy Muck Mineral (S1)
 - ☐ Sandy Gleyed Matrix (S4)
 - ☐ Sandy Redox (S5)
 - ☐ Stripped Matrix (S6)
 - ☐ Dark Surface (S7) (LRR R, MLRA 149B)
 - ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
 - ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
 - ☐ Loamy Mucky Mineral (F1) LRR K, L)
 - ☐ Loamy Gleyed Matrix (F2)
 - ☐ Depleted Matrix (F3)
 - ☒ Redox Dark Surface (F6)
 - ☐ Depleted Dark Surface (F7)
 - ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils : 3

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☒ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 7

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51618

Long.: -90.93546

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 7

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
1. _____	0	☐		Number of Dominant Species That are OBL, FACW, or FAC:	2 (A)
2. _____	0	☐		Total Number of Dominant Species Across All Strata:	2 (B)
3. _____	0	☐		Percent of dominant Species That Are OBL, FACW, or FAC:	100.0% (A/B)
4. _____	0	☐			
5. _____	0	☐			
6. _____	0	☐			
7. _____	0	☐			
				Prevalence Index worksheet:	
				Total % Cover of:	Multiply by:
Sapling/Shrub Stratum (Plot size: 15' radius)					
1. <i>Salix exigua</i>	25	☒	OBL	OBL species	120 x 1 = 120
2. _____	0	☐		FACW species	3 x 2 = 6
3. _____	0	☐		FAC species	0 x 3 = 0
4. _____	0	☐		FACU species	0 x 4 = 0
5. _____	0	☐		UPL species	0 x 5 = 0
6. _____	0	☐		Column Totals:	123 (A) 126 (B)
7. _____	0	☐		Prevalence Index = B/A = 1.024	
				Hydrophytic Vegetation Indicators:	
Herb Stratum (Plot size: 5' radius)					
1. <i>Carex buxbaumii</i>	70	☒	OBL	☒ Rapid Test for Hydrophytic Vegetation	
2. <i>Carex lacustris</i>	10	☐	OBL	☒ Dominance Test is > 50%	
3. <i>Eleocharis obtusa</i>	10	☐	OBL	☒ Prevalence Index is ≤3.0 ¹	
4. <i>Lycopus uniflorus</i>	5	☐	OBL	☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)	
5. <i>Solidago gigantea</i>	2	☐	FACW	☐ Problematic Hydrophytic Vegetation ¹ (Explain)	
6. <i>Phalaris arundinacea</i>	1	☐	FACW	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.	
7. _____	0	☐		Definitions of Vegetation Strata:	
8. _____	0	☐			
9. _____	0	☐			
10. _____	0	☐			
11. _____	0	☐		Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.	
12. _____	0	☐		Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..	
Woody Vine Stratum (Plot size: 30' radius)				Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.	
1. _____	0	☐		Woody vine - All woody vines greater than 3.28 ft in height.	
2. _____	0	☐			
3. _____	0	☐			
4. _____	0	☐			
				Hydrophytic Vegetation Present? Yes ☒ No ☐	
Remarks: (Include photo numbers here or on a separate sheet.)					
Vegetation meets wetland criteria.					

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 7

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 8

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51608

Long.: -90.93543

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 8

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	0	☐	_____	Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
0 = Total Cover				Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>52</u> x 1 = <u>52</u> FACW species <u>10</u> x 2 = <u>20</u> FAC species <u>3</u> x 3 = <u>9</u> FACU species <u>15</u> x 4 = <u>60</u> UPL species <u>0</u> x 5 = <u>0</u> Column Totals: <u>80</u> (A) <u>141</u> (B) Prevalence Index = B/A = <u>1.763</u>
Sapling/Shrub Stratum (Plot size: 15' radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
0 = Total Cover				
Herb Stratum (Plot size: 5' radius)				
1. <i>Carex buxbaumii</i>	25	☒	OBL	Hydrophytic Vegetation Indicators: ☒ Rapid Test for Hydrophytic Vegetation ☒ Dominance Test is > 50% ☒ Prevalence Index is ≤3.0 ¹ ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
2. <i>Carex lacustris</i>	25	☒	OBL	
3. <i>Solidago gigantea</i>	10	☐	FACW	
4. <i>Solidago canadensis</i>	5	☐	FACU	
5. <i>Viola adunca</i>	5	☐	FACU	
6. <i>Fragaria virginiana</i>	5	☐	FACU	
7. <i>Galium boreale</i>	3	☐	FAC	
8. <i>Iris versicolor</i>	2	☐	OBL	
9. _____	0	☐	_____	
10. _____	0	☐	_____	
11. _____	0	☐	_____	
12. _____	0	☐	_____	
80 = Total Cover				
Woody Vine Stratum (Plot size: 30' radius)				
1. _____	0	☐	_____	Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine - All woody vines greater than 3.28 ft in height.
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
0 = Total Cover				Hydrophytic Vegetation Present? Yes ☒ No ☐
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation meets wetland criteria.				

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 8

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Spring 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 11-Jun-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 9

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36

T. 47N

R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51519

Long.: -90.93537

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?** **Are "Normal Circumstances" present?** Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?** (If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 9

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>5</u> (A) Total Number of Dominant Species Across All Strata: <u>6</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>83.3%</u> (A/B)
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
Sapling/Shrub Stratum (Plot size: 15' radius)		0 = Total Cover		Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>85</u> x 1 = <u>85</u> FACW species <u>32</u> x 2 = <u>64</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>20</u> x 4 = <u>80</u> UPL species <u>0</u> x 5 = <u>0</u> Column Totals: <u>137</u> (A) <u>229</u> (B) Prevalence Index = B/A = <u>1.672</u>
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
Herb Stratum (Plot size: 5' radius)		0 = Total Cover		Hydrophytic Vegetation Indicators: ☐ Rapid Test for Hydrophytic Vegetation ☒ Dominance Test is > 50% ☒ Prevalence Index is ≤3.0 ¹ ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
1. <i>Carex stricta</i>	25	☒	OBL	
2. <i>Scirpus cyperinus</i>	20	☒	OBL	
3. <i>Phalaris arundinacea</i>	15	☒	FACW	
4. <i>Carex gracillima</i>	15	☒	FACU	
5. <i>Solidago gigantea</i>	15	☒	FACW	
6. <i>Mimulus ringens</i>	15	☒	OBL	
7. <i>Salix exigua</i>	10	☐	OBL	
8. <i>Solidago canadensis</i>	5	☐	FACU	
9. <i>Carex vulpinoidea</i>	5	☐	OBL	
10. <i>Iris versicolor</i>	5	☐	OBL	
11. <i>Lysimachia terrestris</i>	5	☐	OBL	
Woody Vine Stratum (Plot size: 30' radius)		137 = Total Cover		Definitions of Vegetation Strata: Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall.. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine - All woody vines greater than 3.28 ft in height.
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		Hydrophytic Vegetation Present? Yes ☒ No ☐
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation meets wetland criteria.				

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 9

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☒ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 1

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51617

Long.: -90.93720

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☒ No ☐ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates normal climatic conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 1

Tree Stratum	(Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.		0	☐	
2.		0	☐	
3.		0	☐	
4.		0	☐	
5.		0	☐	
6.		0	☐	
7.		0	☐	
		0	= Total Cover	
Sapling/Shrub Stratum	(Plot size: 15' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.	<i>Salix exigua</i>	10	☒	OBL
2.		0	☐	
3.		0	☐	
4.		0	☐	
5.		0	☐	
6.		0	☐	
7.		0	☐	
		10	= Total Cover	
Herb Stratum	(Plot size: 5' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.	<i>Carex lacustris</i>	80	☒	OBL
2.	<i>Geum aleppicum</i>	25	☒	FAC
3.	<i>Carex vulpinoidea</i>	20	☒	OBL
4.	<i>Salix petiolaris</i>	15	☐	FACW
5.	<i>Geum canadense</i>	15	☐	FAC
6.	<i>Carex scoparia</i>	15	☐	FACW
7.	<i>Solidago uliginosa</i>	15	☐	OBL
8.	<i>Solidago gigantea</i>	10	☐	FACW
9.	<i>Scirpus cyperinus</i>	10	☐	OBL
10.	<i>Eupatorium perfoliatum</i>	5	☐	FACW
11.	<i>Symphotrichum lateriflorum var. lateriflorum</i>	5	☐	FAC
12.	<i>Lysimachia terrestris</i>	5	☐	OBL
		220	= Total Cover	
Woody Vine Stratum	(Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.		0	☐	
2.		0	☐	
3.		0	☐	
4.		0	☐	
		0	= Total Cover	

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>140</u>	x 1 = <u>140</u>
FACW species <u>45</u>	x 2 = <u>90</u>
FAC species <u>45</u>	x 3 = <u>135</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>230</u> (A)	<u>365</u> (B)
Prevalence Index = B/A = <u>1.587</u>	

Hydrophytic Vegetation Indicators:

☐ Rapid Test for Hydrophytic Vegetation

☒ Dominance Test is > 50%

☒ Prevalence Index is ≤3.0 ¹

☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 1

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☐ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>		Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but are known to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 2

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51675

Long.: -90.93719

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: Upland

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☐ No ☒ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☐ No ☒	Is the Sampled Area within a Wetland? Yes ☐ No ☒
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☐ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☐ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☐ No ☒			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 2

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
(Plot size: <u>30'</u> radius)				
1. _____	0	☐		Number of Dominant Species That are OBL, FACW, or FAC: <u>2</u> (A)
2. _____	0	☐		
3. _____	0	☐		Total Number of Dominant Species Across All Strata: <u>4</u> (B)
4. _____	0	☐		
5. _____	0	☐		Percent of dominant Species That Are OBL, FACW, or FAC: <u>50.0%</u> (A/B)
6. _____	0	☐		
7. _____	0	☐		
	0	= Total Cover		
Sapling/Shrub Stratum				Prevalence Index worksheet:
(Plot size: <u>15'</u> radius)				Total % Cover of: Multiply by:
1. _____	0	☐		OBL species <u>10</u> x 1 = <u>10</u>
2. _____	0	☐		FACW species <u>30</u> x 2 = <u>60</u>
3. _____	0	☐		FAC species <u>20</u> x 3 = <u>60</u>
4. _____	0	☐		FACU species <u>102</u> x 4 = <u>408</u>
5. _____	0	☐		UPL species <u>0</u> x 5 = <u>0</u>
6. _____	0	☐		Column Totals: <u>162</u> (A) <u>538</u> (B)
7. _____	0	☐		Prevalence Index = B/A = <u>3.321</u>
	0	= Total Cover		
Herb Stratum				Hydrophytic Vegetation Indicators:
(Plot size: <u>5'</u> radius)				☐ Rapid Test for Hydrophytic Vegetation
1. <u>Potentilla simplex</u>	50	☒	FACU	☐ Dominance Test is > 50%
2. <u>Symphotrichum lateriflorum var. lateriflorum</u>	20	☒	FAC	☐ Prevalence Index is ≤3.0 ¹
3. <u>Agrostis gigantea</u>	15	☒	FACW	☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
4. <u>Fragaria virginiana</u>	15	☒	FACU	☐ Problematic Hydrophytic Vegetation ¹ (Explain)
5. <u>Erigeron strigosus</u>	10	☐	FACU	
6. <u>Lycopus uniflorus</u>	10	☐	OBL	
7. <u>Rudbeckia hirta</u>	10	☐	FACU	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
8. <u>Carex gracillima</u>	10	☐	FACU	
9. <u>Hypericum canadense</u>	10	☐	FACW	Definitions of Vegetation Strata:
10. <u>Lotus corniculatus</u>	5	☐	FACU	Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
11. <u>Eupatorium perfoliatum</u>	5	☐	FACW	Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..
12. <u>Achillea millefolium</u>	2	☐	FACU	Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
	162	= Total Cover		Woody vine - All woody vines greater than 3.28 ft in height.
Woody Vine Stratum				
(Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
	0	= Total Cover		
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation does not meet wetland criteria.				Hydrophytic Vegetation Present? Yes ☐ No ☒

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 2

[illegible]

Hydric Soil Indicators:

- ### Indicators for Problematic Hydric Soils : ³

- ³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 3

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51515

Long.: -90.93722

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 3

Tree Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
(Plot size: <u>30'</u> radius)				
1. _____	0	☐		Number of Dominant Species That are OBL, FACW, or FAC: <u>5</u> (A)
2. _____	0	☐		Total Number of Dominant Species Across All Strata: <u>5</u> (B)
3. _____	0	☐		Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
	0	= Total Cover		
Sapling/Shrub Stratum				Prevalence Index worksheet:
(Plot size: <u>15'</u> radius)				Total % Cover of: Multiply by:
1. _____	0	☐		OBL species <u>75</u> x 1 = <u>75</u>
2. _____	0	☐		FACW species <u>60</u> x 2 = <u>120</u>
3. _____	0	☐		FAC species <u>65</u> x 3 = <u>195</u>
4. _____	0	☐		FACU species <u>20</u> x 4 = <u>80</u>
5. _____	0	☐		UPL species <u>0</u> x 5 = <u>0</u>
6. _____	0	☐		Column Totals: <u>220</u> (A) <u>470</u> (B)
7. _____	0	☐		Prevalence Index = B/A = <u>2.136</u>
	0	= Total Cover		
Herb Stratum				Hydrophytic Vegetation Indicators:
(Plot size: <u>5'</u> radius)				☐ Rapid Test for Hydrophytic Vegetation
1. <u>Scirpus cyperinus</u>	50	☒	OBL	☒ Dominance Test is > 50%
2. <u>Carex scoparia</u>	25	☒	FACW	☒ Prevalence Index is ≤ 3.0 ¹
3. <u>Solidago gigantea</u>	25	☒	FACW	☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
4. <u>Symphotrichum lateriflorum var. lateriflorum</u>	20	☒	FAC	☐ Problematic Hydrophytic Vegetation ¹ (Explain)
5. <u>Juncus tenuis</u>	20	☒	FAC	
6. <u>Geum aleppicum</u>	15	☐	FAC	¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
7. <u>Juncus effusus</u>	15	☐	OBL	
8. <u>Potentilla simplex</u>	10	☐	FACU	Definitions of Vegetation Strata:
9. <u>Eupatorium perfoliatum</u>	10	☐	FACW	Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.
10. <u>Scirpus atrovirens</u>	10	☐	OBL	Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..
11. <u>Rudbeckia hirta</u>	10	☐	FACU	Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.
12. <u>Geum canadense</u>	10	☐	FAC	Woody vine - All woody vines greater than 3.28 ft in height.
	220	= Total Cover		
Woody Vine Stratum				
(Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
	0	= Total Cover		
Remarks: (Include photo numbers here or on a separate sheet.) Vegetation meets wetland criteria. Other observed species include Fragaria virginiana (5%), Hypericum canadense (5%) and Erigeron strigosus (3%).				Hydrophytic Vegetation Present? Yes ☒ No ☐

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 3

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☒ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☐ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 4

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51503

Long.: -90.93620

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 4

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		= Total Cover		Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>123</u> x 1 = <u>123</u> FACW species <u>20</u> x 2 = <u>40</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>5</u> x 4 = <u>20</u> UPL species <u>0</u> x 5 = <u>0</u> Column Totals: <u>148</u> (A) <u>183</u> (B) Prevalence Index = B/A = <u>1.236</u>
		= Total Cover		
		= Total Cover		
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		= Total Cover		Hydrophytic Vegetation Indicators: ☒ Rapid Test for Hydrophytic Vegetation ☒ Dominance Test is > 50% ☒ Prevalence Index is ≤3.0 ¹ ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
		= Total Cover		
		= Total Cover		
1. <i>Carex lacustris</i>	90	☒	OBL	
2. <i>Poa palustris</i>	15	☐	FACW	
3. <i>Scirpus cyperinus</i>	10	☐	OBL	
4. <i>Juncus effusus</i>	10	☐	OBL	
5. <i>Carex vulpinoidea</i>	10	☐	OBL	
6. <i>Epilobium ciliatum</i>	5	☐	FACW	
7. <i>Erechtites hieraciifolia</i>	5	☐	FACU	
8. <i>Asclepias incarnata</i>	3	☐	OBL	
9. _____	0	☐	_____	
10. _____	0	☐	_____	
11. _____	0	☐	_____	
12. _____	0	☐	_____	
		= Total Cover		Definitions of Vegetation Strata: Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall.. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine - All woody vines greater than 3.28 ft in height.
		= Total Cover		
		= Total Cover		
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		= Total Cover		Hydrophytic Vegetation Present? Yes ☒ No ☐
		= Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)
 Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 4

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☒ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☐ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>		Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 5

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51561

Long.: -90.93622

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 5

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: 15' radius)				
1. <i>Salix exigua</i>	25	☒	OBL	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		25 = Total Cover		
Herb Stratum (Plot size: 5' radius)				
1. <i>Carex lacustris</i>	80	☒	OBL	
2. <i>Salix exigua</i>	40	☒	OBL	
3. <i>Scirpus cyperinus</i>	25	☐	OBL	
4. <i>Juncus effusus</i>	15	☐	OBL	
5. <i>Poa palustris</i>	5	☐	FACW	
6. <i>Carex gracillima</i>	5	☐	FACU	
7. <i>Geum canadense</i>	5	☐	FAC	
8. <i>Solidago gigantea</i>	5	☐	FACW	
9. <i>Asclepias incarnata</i>	5	☐	OBL	
10. <i>Agrostis gigantea</i>	3	☐	FACW	
11. <i>Fragaria virginiana</i>	3	☐	FACU	
12. <i>Geum aleppicum</i>	3	☐	FAC	
		194 = Total Cover		
Woody Vine Stratum (Plot size: 30' radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>190</u>	x 1 = <u>190</u>
FACW species <u>13</u>	x 2 = <u>26</u>
FAC species <u>8</u>	x 3 = <u>24</u>
FACU species <u>8</u>	x 4 = <u>32</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>219</u> (A)	<u>272</u> (B)

Prevalence Index = B/A = 1.242

Hydrophytic Vegetation Indicators:

☒ **Rapid Test for Hydrophytic Vegetation**

☒ **Dominance Test is > 50%**

☒ **Prevalence Index is ≤3.0 ¹**

☐ **Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)**

☐ **Problematic Hydrophytic Vegetation ¹ (Explain)**

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 5

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☒ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be non-hydric based on 2015 evaluation but are now assumed to be hydric based on hydrology observations and a dominance of hydrophytic vegetation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 6

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51606

Long.: -90.93629

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , or **Hydrology** ☐ significantly disturbed?

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , or **Hydrology** ☐ naturally problematic?

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 6

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
	0	= Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. <u>Salix petiolaris</u>	15	☒		FACW
2. <u>Pinus sylvestris</u>	1	☐		UPL
3. _____	0	☐		
4. _____	0	☐		
5. _____	0	☐		
6. _____	0	☐		
7. _____	0	☐		
	16	= Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <u>Carex lacustris</u>	90	☒		OBL
2. <u>Lycopus uniflorus</u>	15	☐		OBL
3. <u>Salix discolor</u>	5	☐		FACW
4. <u>Carex scoparia</u>	5	☐		FACW
5. <u>Carex vulpinoidea</u>	5	☐		OBL
6. <u>Gentiana andrewsii</u>	5	☐		FACW
7. <u>Lysimachia terrestris</u>	5	☐		OBL
8. <u>Asclepias incarnata</u>	3	☐		OBL
9. _____	0	☐		
10. _____	0	☐		
11. _____	0	☐		
12. _____	0	☐		
	133	= Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐		
2. _____	0	☐		
3. _____	0	☐		
4. _____	0	☐		
	0	= Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>118</u>	x 1 = <u>118</u>
FACW species <u>30</u>	x 2 = <u>60</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>1</u>	x 5 = <u>5</u>
Column Totals: <u>149</u> (A)	<u>183</u> (B)

Prevalence Index = B/A = 1.228

Hydrophytic Vegetation Indicators:

☒ **Rapid Test for Hydrophytic Vegetation**

☒ **Dominance Test is > 50%**

☒ **Prevalence Index is ≤3.0 ¹**

☐ **Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)**

☐ **Problematic Hydrophytic Vegetation ¹ (Explain)**

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: Plot 6

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ²Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

- | | |
|---|--|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ☐ Black Histic (A3) | ☐ Loamy Mucky Mineral (F1) LRR K, L) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Gleyed Matrix (F2) |
| ☐ Stratified Layers (A5) | ☐ Depleted Matrix (F3) |
| ☐ Depleted Below Dark Surface (A11) | ☒ Redox Dark Surface (F6) |
| ☐ Thick Dark Surface (A12) | ☐ Depleted Dark Surface (F7) |
| ☐ Sandy Muck Mineral (S1) | ☐ Redox Depressions (F8) |
| ☐ Sandy Gleyed Matrix (S4) | |
| ☐ Sandy Redox (S5) | |
| ☐ Stripped Matrix (S6) | |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils : ³

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☒ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 7

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51618

Long.: -90.93546

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 7

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. <u>Salix petiolaris</u>	35	☒	FACW	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		35 = Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <u>Carex buxbaumii</u>	50	☒	OBL	
2. <u>Glyceria canadensis</u>	30	☒	OBL	
3. <u>Carex scoparia</u>	30	☒	FACW	
4. <u>Carex lacustris</u>	20	☐	OBL	
5. <u>Lycopus uniflorus</u>	10	☐	OBL	
6. <u>Agrostis gigantea</u>	10	☐	FACW	
7. <u>Solidago gigantea</u>	10	☐	FACW	
8. <u>Phragmites australis</u>	5	☐	FACW	
9. <u>Phalaris arundinacea</u>	5	☐	FACW	
10. <u>Scirpus cyperinus</u>	5	☐	OBL	
11. <u>Solidago uliginosa</u>	3	☐	OBL	
12. <u>Eupatorium perfoliatum</u>	2	☐	FACW	
		180 = Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>118</u>	x 1 = <u>118</u>
FACW species <u>97</u>	x 2 = <u>194</u>
FAC species <u>0</u>	x 3 = <u>0</u>
FACU species <u>0</u>	x 4 = <u>0</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>215</u> (A)	<u>312</u> (B)

Prevalence Index = B/A = 1.451

Hydrophytic Vegetation Indicators:

☒ Rapid Test for Hydrophytic Vegetation

☒ Dominance Test is > 50%

☒ Prevalence Index is ≤3.0 ¹

☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria. Other observed species include Lysimachia terrestris (2%).

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 7

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)
☐ Stratified Layers (A5)	☐ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Depleted Below Dark Surface (A11)	☒ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 8

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51608

Long.: -90.93543

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 8

Tree Stratum (Plot size: <u>30'</u> radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Sapling/Shrub Stratum (Plot size: <u>15'</u> radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		0 = Total Cover		
Herb Stratum (Plot size: <u>5'</u> radius)				
1. <u>Carex lacustris</u>	75	☒	OBL	
2. <u>Carex buxbaumii</u>	50	☒	OBL	
3. <u>Juncus effusus</u>	15	☐	OBL	
4. <u>Solidago canadensis</u>	10	☐	FACU	
5. <u>Lysimachia terrestris</u>	10	☐	OBL	
6. <u>Carex vulpinoidea</u>	10	☐	OBL	
7. <u>Carex scoparia</u>	10	☐	FACW	
8. <u>Poa palustris</u>	10	☐	FACW	
9. <u>Fragaria virginiana</u>	10	☐	FACU	
10. <u>Symphyotrichum lateriflorum var. lateriflorum</u>	5	☐	FAC	
11. <u>Salix petiolaris</u>	5	☐	FACW	
12. <u>Gentiana andrewsii</u>	3	☐	FACW	
		213 = Total Cover		
Woody Vine Stratum (Plot size: <u>30'</u> radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		0 = Total Cover		

Dominance Test worksheet:

Number of Dominant Species That are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>160</u>	x 1 = <u>160</u>
FACW species <u>28</u>	x 2 = <u>56</u>
FAC species <u>5</u>	x 3 = <u>15</u>
FACU species <u>20</u>	x 4 = <u>80</u>
UPL species <u>0</u>	x 5 = <u>0</u>
Column Totals: <u>213</u> (A)	<u>311</u> (B)

Prevalence Index = B/A = 1.460

Hydrophytic Vegetation Indicators:

☒ Rapid Test for Hydrophytic Vegetation

☒ Dominance Test is > 50%

☒ Prevalence Index is ≤3.0 ¹

☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)

☐ Problematic Hydrophytic Vegetation ¹ (Explain)

¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall..

Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vine - All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)

Vegetation meets wetland criteria. Other observed species include Iris versicolor (2%).

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Soil

Sampling Point: Plot 8

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]

¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix, CS=Covered or Coated Sand Grains ²Location: PL=Pore Lining. M=Matrix

Hydric Soil Indicators:

- ☐ Histosol (A1)
 - ☐ Histic Epipedon (A2)
 - ☐ Black Histic (A3)
 - ☐ Hydrogen Sulfide (A4)
 - ☐ Stratified Layers (A5)
 - ☐ Depleted Below Dark Surface (A11)
 - ☐ Thick Dark Surface (A12)
 - ☐ Sandy Muck Mineral (S1)
 - ☐ Sandy Gleyed Matrix (S4)
 - ☐ Sandy Redox (S5)
 - ☐ Stripped Matrix (S6)
 - ☐ Dark Surface (S7) (LRR R, MLRA 149B)
 - ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
 - ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
 - ☐ Loamy Mucky Mineral (F1) LRR K, L)
 - ☐ Loamy Gleyed Matrix (F2)
 - ☐ Depleted Matrix (F3)
 - ☒ Redox Dark Surface (F6)
 - ☐ Depleted Dark Surface (F7)
 - ☐ Redox Depressions (F8)

Indicators for Problematic Hydric Soils : ³

- ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)
☐ Coast Prairie Redox (A16) (LRR K, L, R)
☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
☐ Dark Surface (S7) (LRR K, L, M)
☐ Polyvalue Below Surface (S8) (LRR K, L)
☐ Thin Dark Surface (S9) (LRR K, L)
☐ Iron-Manganese Masses (F12) (LRR K, L, R)
☐ Piedmont Floodplain Soils (F19) (MLRA 149B)
☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☒ Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Clay

Depth (inches): 0

Hydric Soil Present? Yes ☒ No ☐

Remarks:

Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: City of Ashland Wetland Mitigation - Fall 2019

City/County: Town of Eileen, Bayfield Co.

Sampling Date: 19-Aug-19

Applicant/Owner: City of Ashland

State: WI

Sampling Point:

Plot 9

Investigator(s): Ann Key, WDNR Prof. Assured Delin.

Section, Township, Range: S. 36 T. 47N R. 05W

Landform (hillslope, terrace, etc.): Terrace

Local relief (concave, convex, none): concave

Slope: 0.0 % / 0.0 °

Subregion (LRR or MLRA): LRR K

Lat.: 46.51519

Long.: -90.93537

Datum: WGS84

Soil Map Unit Name: Pickford-Badriver Complex, 0 to 3% slopes

NWI classification: PEM1

Are climatic/hydrologic conditions on the site typical for this time of year? Yes ☐ No ☒ (If no, explain in Remarks.)

Are Vegetation ☐ , **Soil** ☐ , **or Hydrology** ☐ **significantly disturbed?**

Are "Normal Circumstances" present? Yes ☒ No ☐

Are Vegetation ☐ , **Soil** ☒ , **or Hydrology** ☐ **naturally problematic?**

(If needed, explain any answers in Remarks.)

Summary of Findings - Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present? Yes ☒ No ☐ Hydric Soil Present? Yes ☒ No ☐ Wetland Hydrology Present? Yes ☒ No ☐	Is the Sampled Area within a Wetland? Yes ☒ No ☐
Remarks: (Explain alternative procedures here or in a separate report.) No recent disturbances were observed. Soils are naturally problematic due to red parent material.	

Hydrology

Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply)		Secondary Indicators (minimum of 2 required)	
☐ Surface Water (A1) ☐ High Water Table (A2) ☐ Saturation (A3) ☐ Water Marks (B1) ☐ Sediment Deposits (B2) ☐ Drift deposits (B3) ☐ Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)	☐ Water-Stained Leaves (B9) ☐ Aquatic Fauna (B13) ☐ Marl Deposits (B15) ☐ Hydrogen Sulfide Odor (C1) ☐ Oxidized Rhizospheres along Living Roots (C3) ☐ Presence of Reduced Iron (C4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Thin Muck Surface (C7) ☐ Other (Explain in Remarks)	☐ Surface Soil Cracks (B6) ☐ Drainage Patterns (B10) ☐ Moss Trim Lines (B16) ☐ Dry Season Water Table (C2) ☐ Crayfish Burrows (C8) ☐ Saturation Visible on Aerial Imagery (C9) ☐ Stunted or Stressed Plants (D1) ☒ Geomorphic Position (D2) ☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4) ☒ FAC-neutral Test (D5)	
Field Observations: Surface Water Present? Yes ☐ No ☒ Depth (inches): _____ Water Table Present? Yes ☐ No ☒ Depth (inches): _____ Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____			
Wetland Hydrology Present? Yes ☒ No ☐			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: WETS data from Madeline Island indicates wetter than normal conditions at the time of the site visit.			

VEGETATION - Use scientific names of plants.

Sampling Point: Plot 9

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____	0	☐	_____	Dominance Test worksheet: Number of Dominant Species That are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		= Total Cover		Prevalence Index worksheet: Total % Cover of: _____ Multiply by: _____ OBL species <u>170</u> x 1 = <u>170</u> FACW species <u>40</u> x 2 = <u>80</u> FAC species <u>0</u> x 3 = <u>0</u> FACU species <u>0</u> x 4 = <u>0</u> UPL species <u>0</u> x 5 = <u>0</u> Column Totals: <u>210</u> (A) <u>250</u> (B) Prevalence Index = B/A = <u>1.190</u>
Sapling/Shrub Stratum (Plot size: 15' radius)				
1. <i>Salix exigua</i>	5	☒	OBL	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
5. _____	0	☐	_____	
6. _____	0	☐	_____	
7. _____	0	☐	_____	
		= Total Cover		Hydrophytic Vegetation Indicators: ☒ Rapid Test for Hydrophytic Vegetation ☒ Dominance Test is > 50% ☒ Prevalence Index is ≤3.0 ¹ ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
Herb Stratum (Plot size: 5' radius)				
1. <i>Glyceria canadensis</i>	50	☒	OBL	
2. <i>Juncus brevicaudatus</i>	40	☒	OBL	
3. <i>Scirpus cyperinus</i>	25	☒	OBL	
4. <i>Iris versicolor</i>	20	☐	OBL	
5. <i>Carex scoparia</i>	20	☐	FACW	
6. <i>Lysimachia terrestris</i>	10	☐	OBL	
7. <i>Juncus effusus</i>	10	☐	OBL	
8. <i>Salix petiolaris</i>	10	☐	FACW	
9. <i>Carex vulpinoidea</i>	10	☐	OBL	
10. <i>Phalaris arundinacea</i>	5	☐	FACW	
11. <i>Phragmites australis</i>	5	☐	FACW	
12. _____	0	☐	_____	
		= Total Cover		Definitions of Vegetation Strata: Tree - Woody plants, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1m) tall.. Herb - All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vine - All woody vines greater than 3.28 ft in height.
Woody Vine Stratum (Plot size: 30' radius)				
1. _____	0	☐	_____	
2. _____	0	☐	_____	
3. _____	0	☐	_____	
4. _____	0	☐	_____	
		= Total Cover		Hydrophytic Vegetation Present? Yes ☒ No ☐

Remarks: (Include photo numbers here or on a separate sheet.)
 Vegetation meets wetland criteria.

*Indicator suffix = National status or professional decision assigned because Regional status not defined by FWS.

Sampling Point: Plot 9

[illegible]

Hydric Soil Indicators:		Indicators for Problematic Hydric Soils : ³	
☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B)	☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B)	
☐ Histic Epipedon (A2)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)	☐ Coast Prairie Redox (A16) (LRR K, L, R)	
☐ Black Histic (A3)	☐ Loamy Mucky Mineral (F1) LRR K, L)	☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)	
☐ Hydrogen Sulfide (A4)	☐ Loamy Gleyed Matrix (F2)	☐ Dark Surface (S7) (LRR K, L, M)	
☐ Stratified Layers (A5)	☒ Depleted Matrix (F3)	☐ Polyvalue Below Surface (S8) (LRR K, L)	
☐ Depleted Below Dark Surface (A11)	☐ Redox Dark Surface (F6)	☐ Thin Dark Surface (S9) (LRR K, L)	
☐ Thick Dark Surface (A12)	☐ Depleted Dark Surface (F7)	☐ Iron-Manganese Masses (F12) (LRR K, L, R)	
☐ Sandy Muck Mineral (S1)	☐ Redox Depressions (F8)	☐ Piedmont Floodplain Soils (F19) (MLRA 149B)	
☐ Sandy Gleyed Matrix (S4)		☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B)	
☐ Sandy Redox (S5)		☐ Red Parent Material (F21)	
☐ Stripped Matrix (S6)		☐ Very Shallow Dark Surface (TF12)	
☐ Dark Surface (S7) (LRR R, MLRA 149B)		☒ Other (Explain in Remarks)	

Restrictive Layer (if observed): Type: <u>Clay</u> Depth (inches): <u>0</u>	Hydric Soil Present? Yes ☒ No ☐
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Soils were not evaluated as part of this monitoring event but were determined to be hydric based on 2015 evaluation.



APPENDIX C – 2019 WETS DATA AND ANTECEDENT PRECIPITATION EVALUATION

Antecedent Precipitation Evaluation

Project Name City of Ashland Mitigation Site
 Weather Station: Madeline Island WETS Station
 Landowner: City of Ashland
 County: Ashland State: WI

Date: 06/11/19 and 08/19/19

06/11/19

08/11/17

	Long-term Rainfall Records								
	Month	3 yrs in 10 less than	Normal	3 yrs in 10 more than	Rain fall	Conditions, dry, wet, normal	Condition value	Month Weight Value	Produce of previous two columns
1 st prior month*	May	2.33	3.31	3.92	4.70	Wet	3	3	9
2 nd prior month*	April	1.34	2.41	2.94	4.18	Wet	3	2	6
3 rd prior month*	March	1.07	2.01	2.45	1.29	Normal	2	1	2

Note: If sum is
 6 – 9 then prior period has been drier than normal
 10 – 14 then prior period has been normal

15 – 18 then prior period has been wetter than normal

Condition Value:
 Dry = 1
 Normal = 2
 Wet = 3

Climatic conditions were considered to be wetter than normal during the June site visit. Palmer Drought Index indicates very moist (+3.00 to +3.99) conditions at the time of the site visit.

08/19/19

Long-term Rainfall Records									
	Month	3 yrs in 10 less than	Normal	3 yrs in 10 more than	Rain fall	Conditions, dry, wet, normal	Condition value	Month Weight Value	Produce of previous two columns
1 st prior month*	July	2.67	4.11	4.94	4.89	Normal	2	3	6
2 nd prior month*	June	2.97	4.41	5.27	2.02	Dry	1	2	2
3 rd prior month*	May	2.33	3.31	3.92	4.70	Wet	3	1	3

Note: If sum is
 6 – 9 then prior period has been drier than normal

10 – 14 then prior period has been normal

15 – 18 then prior period has been wetter than normal

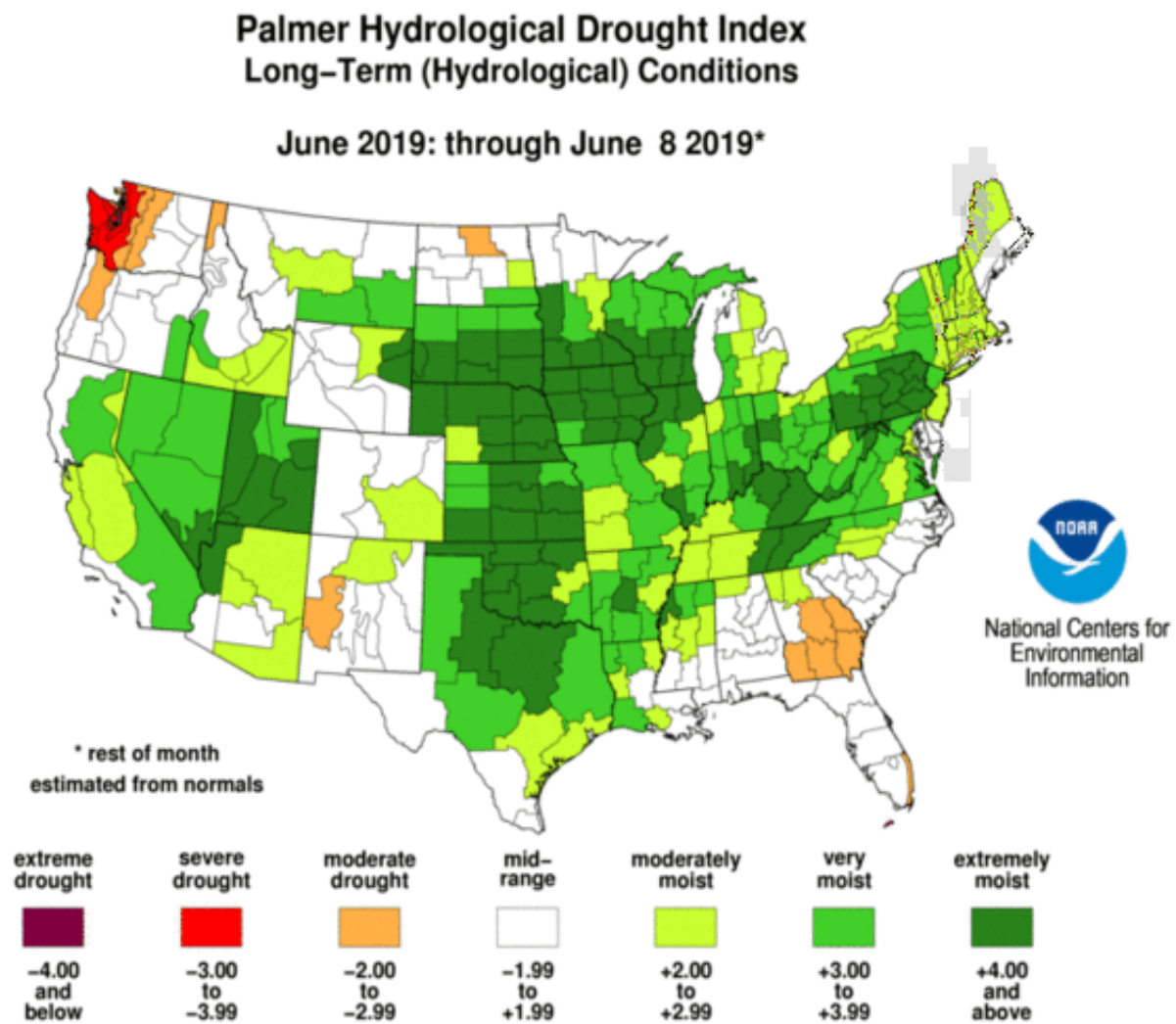
Condition Value:
 Dry = 1
 Normal = 2
 Wet = 3

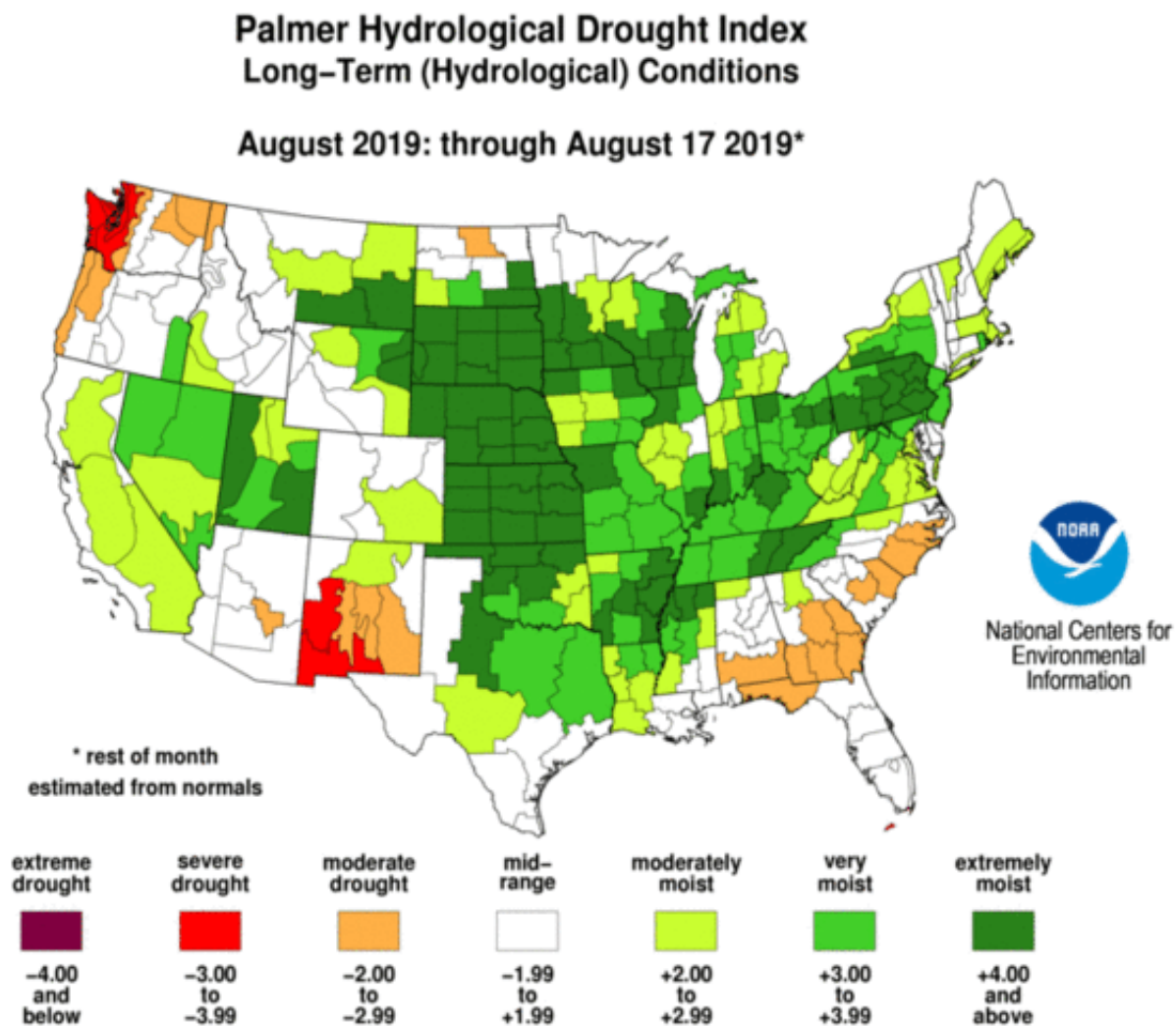
Climatic conditions were considered to be within normal at the time of the August site visit. Palmer Drought Index indicates very moist (+3.00 to +3.99) conditions at the time of the site visit.

WETS Station: MADELINE ISLAND, WI													
Requested years: 1971 - 2000													
Month	Avg Max Temp	Avg Min Temp	Avg Mean Temp	Avg Precip	30% chance precip less than	30% chance precip more than	Avg number days precip 0.10 or more	Avg Snowfall					
Jan	21.2	4.3	12.7	-	-	-	-	21.2					
Feb	26.7	6.3	16.5	-	-	-	-	10.3					
Mar	36.0	16.7	26.3	2.01	1.07	2.45	5	11.9					
Apr	49.0	28.4	38.7	2.41	1.34	2.94	6	3.4					
May	61.5	37.8	49.7	3.31	2.33	3.92	7	0.3					
Jun	70.8	47.3	59.0	4.41	2.97	5.27	8	0.0					
Jul	76.7	54.6	65.6	4.11	2.67	4.94	7	0.0					
Aug	75.6	54.3	65.0	4.03	2.82	4.79	7	0.0					
Sep	67.0	46.8	56.9	3.53	2.36	4.23	7	0.0					
Oct	54.8	36.7	45.7	2.77	1.85	3.32	6	0.6					
Nov	38.6	25.4	32.0	2.38	1.45	2.88	6	8.6					
Dec	26.7	13.3	20.0	1.49	1.03	1.78	5	15.9					
Annual:					-	-							
Average	50.4	31.0	40.7	-	-	-	-	-					
Total	-	-	-	-			-	72.2					
GROWING SEASON DATES													
Years with missing data:	24 deg = 5	28 deg = 5	32 deg = 5										
Years with no occurrence:	24 deg = 0	28 deg = 0	32 deg = 0										
Data years used:	24 deg = 25	28 deg = 25	32 deg = 25										
Probability	24 F or higher	28 F or higher	32 F or higher										
50 percent *	4/27 to 10/31: 187 days	5/9 to 10/13: 157 days	5/28 to 9/30: 125 days										
70 percent *	4/23 to 11/4: 195 days	5/4 to 10/19: 168 days	5/25 to 10/4: 132 days										
* Percent chance of the growing season occurring between the Beginning and Ending dates.													
STATS TABLE - total precipitation (inches)													
Yr	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annl
1944						M3.04	3.82	3.49	M2.30	1.21	2.54	0.40	16.80
1945	1.27	1.19	2.50	3.18	1.67	5.75	3.64	5.23	1.69	0.78	3.25	2.13	32.28
1946	2.80	0.95	0.60	1.28	3.32	7.64	1.23	1.80	2.86	4.20	M1.89	2.27	30.84
1947	0.43	1.83	M0.47	3.58	3.20	6.02	1.47	3.98	2.42	0.44	2.80	M0.18	26.82
1948	1.25	0.83	1.27	M5.05	0.59	M1.96	4.97	1.50	0.94	0.76	1.56	1.02	21.70
1949	1.46	0.87	1.31	0.61	5.19	6.76	7.29	2.44	2.05	2.40	1.58	0.58	32.54
1950	2.90	0.51	1.63	2.97	4.83	M3.15							15.99
1951				M0.35	4.69	4.68	3.79	8.86	3.83	2.11	1.44	1.19	30.94
1952	1.91	0.62	1.87	2.00	3.15	5.50	8.48	4.53	1.	0.	2.38	0.34	32.

									35	64		77
1953	2.12	M1.05	2.00	3.45	8.11	5.20	5.55	6.93	2. 35	0. 69	2.58	1.74 41. 77
1954	1.77	0.90	2.01	5.18	5.77	3.58	1.61	1.96	3. 85	2. 35	1.83	0.78 31. 59
1955	1.12	1.12	1.42	1.54	4.80	3.51	7.18	3.16	5. 58	4. 10	1.74	1.44 36. 71
1956	0.53	0.55	1.39	2.01	2.22	1.55	2.41	3.62	1. 36	0. 99	1.59	1.74 19. 96
1957	0.41	1.11	0.73	2.04	3.41	3.58	3.37	0.80	4. 40	1. 55	3.05	0.82 25. 27
1958	2.10	0.32	0.89	0.99	1.60	2.40	3.84	7.65	3. 68	1. 12	2.63	1.24 28. 46
1959	0.49	0.51	0.60	M0.18	5.03	1.30	2.73	3.77	4. 86	1. 75	1.04	1.73 23. 99
1960	1.38	1.51	0.54	4.59	2.60	1.48	5.75	4.98	2. 20	1. 85	2.46	1.06 30. 40
1961	0.42	0.88	1.38	3.17	4.45	0.78	1.31	1.48	3. 00	2. 05	1.53	1.12 21. 57
1962	0.70	1.87	0.36	1.25	5.00	3.65	2.27	3.90	3. 75	0. 98	0.53	0.62 24. 88
1963	0.88	0.56	1.31	2.05	1.30	2.91	2.90	2.07	2. 80	0. 77	1.31	3.49 22. 35
1964	0.65	0.56	1.11	3.89	10.00	1.45	1.62	3.75	4. 50	1. 09	1.82	2.50 32. 94
1965	0.32	1.11	1.19	2.23	3.35	3.15	5.45	4.90	5. 00	0. 80	3.25	2.95 33. 70
1966	0.74	0.57	1.75	1.44	1.17	2.00	2.57	6.50	1. 73	2. 80	0.80	0.68 22. 75
1967	1.22	0.30	5.90	3.35	0.94	9.57	1.25	5.15	0. 88	2. 74	0.77	0.79 32. 86
1968	1.25	1.13	2.52	4.67	3.71	6.02	4.18	4.37	3. 89	4. 30	1.07	1.68 38. 79
1969	3.24	0.13	T	1.75	4.53	2.20	2.68	4.68	2. 33	3. 73	0.96	1.39 27. 62
1970	0.71	0.66	0.15	1.74	4.99	1.84	2.36	3.72	2. 55	4. 45	2.93	2.88 28. 98
1971	M0.88	3.40	1.24	0.84	2.55	4.32	1.92	3.53	2. 81	3. 60	2.79	1.73 29. 61
1972	2.40	1.89	2.78	2.38	3.12	2.82	4.45	10.06	2. 78	1. 26	1.71	M0. 50 36. 15
1973			2.98	1.50	4.49	3.53	3.49	4.60	2. 59	3. 18	3.48	1.82 31. 66
1974	1.37	0.55	1.12	2.58	2.75	4.54	2.56	4.29	1. 62	1. 63	2.98	2.27 28. 26
1975	4.01	1.66	0.92	2.11	1.04	2.62	1.93	2.91	1. 98	1. 48	6.50	0.97 28. 13
1976	3.39	2.31	4.83	1.04	1.13	3.91	2.65	1.72	0. 92	0. 68	0.36	1.18 24. 12
1977	0.79	M0.10	4.99	2.30	2.29	5.39	4.31	3.36	5. 18	3. 06	3.27	1.93 36. 97
1978	1.63	1.12	1.64	2.21	3.08	1.87	7.06	5.31	2. 31	1. 34	1.78	M1. 82 31. 17
1979	1.56	2.02	4.31	1.82	5.81	3.39	3.94	2.14	1. 63	3. 56	1.78	0.59 32. 55
1980	3.42	0.95	M1.10	1.03	1.49	2.74	2.68	3.38	5. 18	2. 43	1.10	2.15 27. 65
1981	1.07	2.12	2.10	4.36	2.56	4.42	1.51	2.64	1. 73	4. 83	1.32	2.01 30. 67
1982	3.38	0.46	2.04	3.61	5.32	3.25	7.35	2.95	6. 60	5. 71	3.73	
1983								4.10	4. 34	2. 84	3.02	2.20 16. 50
1984	M0.79	M1.10	1.57	M4.72	3.06	6.50	M1.42	M1.55	M4. 88	M5. 31	M1. 75	
1985			MT	2.65	8.80	9.05		4.10	8. 20	M2. 45		
1986	MT		M0.50	M2.95	2.84	7.65	4.39	9.45	6.	2.	M0.	M0. 37.

									00	93	80	00	51
1987		M0.00	M0.20	M0.40	5.45	2.01	10.44	1.99	2. 15	2. 79	M1. 25	M0. 45	27. 13
1988		1.20	M0.50	0.15	3.60	3.00	M1.70	8.28	3. 42	1. 87	M3. 32	M2. 45	29. 49
1989				M1.10	M6.31	7.77	1.15	4.34	4. 20	3. 12		MT	27. 99
1990	M0.00		M2.70	3.13	2.80	11.14	4.87	5.97	9. 56		M0. 33	MT	40. 50
1991		M0.00	M1.20	M7.55	3.10	M6.35	M10.70	3.41	M4. 79	M3. 63	M6. 29	1.08	48. 10
1992	M1.05	M0.84	M1.84	3.29	M2.41	M3.68	6.83	3.54	2. 32	2. 82	3.49	M1. 22	33. 33
1993	1.98	0.08	0.41	2.73	4.62	3.05	5.19	2.62	2. 23	M0. 88	2.73	0.72	27. 24
1994	1.97	0.34	1.97	4.80	1.85	1.97	2.10	6.76	2. 40	1. 12	2.15	0.26	27. 69
1995	0.38	0.62	1.75	M3.24	3.01	0.77	3.61	4.40	3. 39	5. 27	1.03	M1. 54	29. 01
1996	M3.08	1.49	M1.55	2.58	1.74	6.17	6.15	1.57	3. 57	5. 02	M4. 02	M2. 84	39. 78
1997	3.25	M0.19	M1.82	0.43	2.77	3.35	3.43	2.09	2. 56	1. 23	M1. 54	M0. 53	23. 19
1998	M1.53	M1.18	M3.43	1.68	2.42	5.65	1.33	1.92	3. 55	2. 91	3.23	1.99	30. 82
1999	2.48	1.87	M0.08	2.86	2.55	5.18	8.67	3.50	3. 21	1. 29	1.76	1.28	34. 73
2000	0.61	1.16	1.58	0.86	2.01	2.91	3.10	2.08	1. 09	1. 81	4.66	M1. 61	23. 48
2001	M2.21	2.61	0.93	8.62	3.29	2.01	2.94	2.15	1. 65	2. 32	3.68	1.30	33. 71
2002	0.58	2.43	3.19	3.18	2.66	2.59	M1.11	3.89	5. 91	4. 27	0.56	0.62	30. 99
2003	0.74	0.62	3.33	3.26	5.09	2.19	4.64	1.47	2. 87	2. 13	2.65	1.12	30. 11
2004	1.31	1.54	1.93	2.73	5.10	1.60	3.22	2.00	3. 29	3. 85	0.98	2.07	29. 62
2005	2.28	1.75	0.92	1.60	2.59	6.83	0.88	1.79	4. 41	8. 43	2.78	2.15	36. 41
2006	1.13	1.22	2.33	1.23	2.91	1.58	5.01	1.43	2. 19	1. 67	1.14	1.73	23. 57
2007	1.55	0.74	2.76	3.24	1.35	2.21	2.97	3.49	3. 75	5. 10	0.78	3.14	31. 08
2008	0.92	0.52	1.07	3.98	3.09	4.83	2.39	1.28	2. 77	2. 51	1.07	2.34	26. 77
2009	0.99	1.00	2.51	2.16	0.58	M2.57	2.25	3.56	1. 51	4. 82	1.22	M1. 10	24. 27
2010	1.65	M0.38	0.70	0.22	2.52	M5.00	M2.84	M5.79	4. 37	2. 83	2.52	1.97	30. 79
2011	M1.58	0.38	0.90	3.80	2.98	4.59	1.90	2.45	2. 05	2. 12	1.09	0.65	24. 49
2012	0.98	0.67	3.09	2.03	5.47	4.06	3.24	1.48	1. 34	3. 20	1.84	2.33	29. 73
2013	1.84	1.83	1.14	5.64	7.10	5.09	3.00	4.08	1. 42	5. 14	1.49	2.99	40. 76
2014	1.31	1.71	1.55	4.45	4.27	M5.97	M0.00	M3.20	4. 62	2. 45	2.53	1.93	33. 99
2015	0.67	0.46	0.70	1.43	3.35	2.00	2.97	4.05	2. 20	2. 18	3.40	4.16	27. 57
2016	1.54	1.61	4.00	3.37	3.81	3.99	5.82	3.26	2. 59	1. 91	2.28	2.09	36. 27
2017	1.39	1.09	1.40	3.44	5.41	3.33	3.10	4.81	3. 46	5. 28	1.08	2.39	36. 18
2018	0.78	1.71	0.33	1.97	2.89	4.75	2.15	6.33	5. 16	4. 41	3.01	1.61	35. 10
2019	1.03	3.33	1.29	4.18	4.70	2.02	4.89	1.90	4. 40	3. 34		M2. 43	33. 51
2020	2.69	M0.05											2.74







APPENDIX D – 2019 HEARTLAND ECOLOGICAL GROUP, LLC MANAGEMENT REPORT/2020 RECOMMENDATIONS



506 Springdale Street, Mount Horeb, WI 53572
Office Phone: 608-433-9864
Website: www.heartlandecological.com

Attn: Ann Key
Wetlands and Waterways, LLC
5742 Warbonnet Lane
Hazelhurst, WI 54531

RE: Summary of 2019 Ashland Wetland Mitigation Bank Vegetation Management Activities

Mrs. Key,

Heartland Ecological Group, Inc. ("Heartland") performed vegetation management activities at the Village of Ashland Compensatory Wetland Mitigation Bank (the "Project Area") throughout 2019. The timeline and descriptions of management activities performed are summarized in Table 1 and a list of applied herbicides is provided in Table 2. Table 3 summarizes recommended management activities for 2020. A brief photo log depicts work conducted on-site by Heartland staff and wildlife observations noted throughout the management period. Herbicide application notification placards were placed around the perimeter of the work areas where herbicide was applied following each application.

Heartland's vegetation management activities within the Project Area included installation of native seed to areas within the Project Area where reed canary grass and cattails have been treated in the past to facilitate native establishment and herbicide applications to target invasive species to persistent broadleaf weeds such as Canada thistle (*Cirsium arvense*), Birds-foot trefoil (*Lotus corniculatus*), Ox-eye daisy (*Leucanthemum vulgare*), non-native cattails (*Typha spp.*) and Reed canary grass (*Phalaris arundinacea*).

Table 1. Vegetation Management Completed in 2019.

Month	Management Activity
June 2019	• Installation of native seed to areas of the Project Area where past herbicide treatments have been conducted to control populations of reed canary grass and non-native cattails • Conducted spring reed canary grass treatments to entire Project Area • Conducted broadleaf selective herbicide backpack treatment to entire Project Area focusing on bird's-foot trefoil, Canada thistle and ox-eye daisy • Conducted foliar woody herbicide treatment to buckthorn species within the project area
July 2019	• Follow-up reed canary grass treatment throughout Project Area • Follow-up broadleaf treatment to entire Project Area. • Conducted backpack wicking herbicide treatment to non-native cattails
July 2019	• Follow-up backpack herbicide wicking treatment to cattails throughout Project Area. • Conducted follow-up broadleaf herbicide treatment to persistent broadleaf species to reduce non-native populations and facilitate native establishment



Table 2. Herbicides Applied for Invasive Plant Management in 2018

Trade Name	Chemical Name	Selectivity	Target Species
Select Max	Clethodim	Grass-Selective	Reed canary grass (in areas without standing water)
Transline	Clopyralid	Broadleaf-Selective	Thistles, ox-eye daisy's, and birds-foot trefoil
Round-up Custom	Glyphosate	Non-Selective, aquatic approved	Reed canary grass, and non-native cattails within areas of standing water during)
Element 3A	Triclopyr Amine	Broadleaf Selective	Buckthorn Spp.

Recommended Vegetation Management Activities for 2020

Recommended vegetation management activities and schedules for 2020 are summarized in Table 3. Specific management activities for the remaining years in the monitoring period will likely require a similar management approach and will be determined annually following vegetation monitoring and adaptive management strategies.

Table 3. Recommended Vegetation Management Tasks for 2020

Estimated Timeframe	Management Task	Unit
June 2020	- Herbicide treatment to persistent broadleaf invasive species - Reed canary grass herbicide treatment to entire project area	Wetland and Upland portions of the Project Area
July 2020	- Follow-up herbicide treatment to target reed canary grass. - Broadleaf spot spray herbicide applications to target persistent broadleaf species (thistles, birds-foot trefoil) - Non-native cattail backpack herbicide wicking treatment	Wetlands and Uplands

Thank You,

Matt Angerhofer, Restoration Operations Manager

Heartland
ECOLOGICAL GROUP INC

506 Springdale Street
Mt. Horeb, WI 53572



OEI Inc.
Chequamegon Mitigation Bank
February 13, 2020

Office: 608.490.2450

Cell: 608.513.8069

www.heartlandecological.com



Photo #1 Broadleaf backpack herbicide treatment



Photo #2 Reed canary grass backpack herbicide treatment



Photo #3 Reed canary grass herbicide treatment results



Photo #4 Reed canary grass herbicide treatment results



Photo #5 Glossy buckthorn herbicide treatment results

SUBJECT: Approve an Agreement between the City of Ashland and Premier Prairie & Wetland Restorations, LLC for Required Wetland Mitigation Vegetation Management Activities (Planning) Roll

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: Planning & Development

CLEARANCES: Planning & Development Department
Finance Department
City Attorney

EXHIBITS:

1. 2020 Vegetation Management Proposal - Ashland Mitigation Bank
2. Ashland Mitigation Bank Site Map
3. Agreement
4. Premier Prairie & Wetland Resotations Rate Tables

EXPENDITURES REQUIRED: \$5,950

AMOUNT BUDGETED: \$5,950 budgeted in Fund 277

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE: The Treasurer's Office has certified on June 3, 2020, that Premier Prairie & Wetland Restorations, LLC is in compliance with the provisions of Ordinance 923.10 Ashland City Ordinances.

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD: The proposed activities conform to Comprehensive Plan goals and priorities of being good stewards of the natural environment. It is also required by law that the City conduct these vegetation management activities at the City's approved wetland mitigation bank annually.

SUMMARY STATEMENT:

The City of Ashland is legally required to perform vegetation management and removal of invasive species at its approved wetland mitigation bank as described in this proposal. The City is required to perform these activities at its approved Wetland Mitigation Site to compensate for wetland impacts associated with the following projects:

- Canadian National Grade
- Wal-Mart Stores, Inc.
- City of Ashland Bio-Retention Cell Construction.

This 2020 season will be year 6 of the City's 7 year commitment for monitoring and management of its wetland mitigation bank.

The President of Premier Prairie & Wetland Restorations, LLC has performed these activities for the City of Ashland each year and has done satisfactory work to ensure the City remains in compliance with its wetland mitigation requirements and that these activities are done in a timely manner. The attached proposal includes treatment of the site for various invasive/non-native species throughout the summer, with appropriate timing for targeting of each invasive plant species determined by the contracted firm according to best practices and industry standards. Activities need to begin in spring, and thus would commence shortly after approval of this proposed contract. Funding for such activities is budgeted annually in a separate Fund 277.



May 26, 2020

Megan McBride
Direction of Planning & Development
City of Ashland
601 Main St. West
Ashland, WI 54806

RE: 2020 Vegetation Management Proposal – Ashland Mitigation Bank

Dear Mrs. McBride,

Premier Prairie & Wetland Restorations, LLC (PPWR) is pleased to present this proposal for native ecosystem restoration services at the above-referenced project Site. The project site is more specifically described as 9 acres located near the City of Ashland, Eileen Township, Bayfield County, WI. This proposal includes the scope of work, project cost estimate, assumptions, extra services, rate table, site map and terms and conditions. A standard service agreement form is attached for your review, approval and signature. PPWR will initiate this project immediately upon receipt of an executed Agreement.

Project Needs

PPWR understands that The City of Ashland (the Client) is seeking native ecosystem restoration services at the Ashland Wetland Mitigation Bank Project Site (The Site). The project area consists of wet meadow, shallow marsh, hardwood swamp, shrub carr and upland buffer plant communities with populations of invasive species mixed throughout. PPRW understands the goal of the project is to provide invasive species management control to facilitate native establishment to help meet performance standards for maximum credit release, decrease long-term management costs, and further establish a Site that is aesthetically pleasing and supports abundant wildlife populations.

SCOPE OF WORK

Task 1. Invasive Species Management – Reed Canary Grass and Broadleaf Management (June 2020)

- PPWR will conduct a targeted reed canary grass (RCG) treatment throughout the project area in June of 2020.
 - Treatment methods and timing will be based on observed site conditions and RCG life cycle to provide appropriate and adequate control. It is anticipated that selective and non-selective herbicides will be needed to provide appropriate control.
 - Use of a tracked UTV and mounted boomless sprayer, backpack sprayers, hand wicks and 4-wheeler with mounted spray tank will be utilized to conduct the herbicide treatments.
- PPWR will conduct an Invasive broadleaf management to non-native broadleaf populations observed within portions of the treatment area.
 - Broadleaf invasive weeds will be selectively targeted by use of broadleaf specific herbicides and applied with backpack sprayers.

Providing Safe, Efficient, High Quality Ecological Solutions



- Treatment methods and timing will be based on observed site conditions and invasive broadleaf plant life cycles to provide appropriate and adequate control

Task 2. Invasive Species Management – Follow-up Reed Canary Grass and Broadleaf Weed Treatments and Conduct Cattail and Phragmites Management (July – August 2020)

- PPWR will conduct a follow-up reed canary grass herbicide treatment to previously treated areas of the Site
 - Treatment methods and timing will be based on observed site conditions and RCG life cycle to provide appropriate and adequate control. It is anticipated that selective and non-selective herbicides will be needed to provide appropriate control.
 - Use of backpack sprayers, hand wicks and 4-wheeler with mounted spray tank will be utilized to conduct the herbicide treatments.
- PPWR will conduct an Invasive broadleaf management to non-native broadleaf populations observed within portions of the treatment area.
 - Broadleaf invasive weeds will be selectively targeted by use of broadleaf specific herbicides and applied with backpack sprayers.
 - Treatment methods and timing will be based on observed site conditions and invasive broadleaf plant life cycles to provide appropriate and adequate control.
- PPWR will conduct invasive cattail and phragmites herbicide treatments to all populations within the Project Site.
 - Cattail and Phragmites treatment methods and timing will be based on observed site conditions and invasive plant life cycles to provide appropriate and adequate control.
 - Herbicide treatment methods are anticipated to utilize back pack hand wicks to provide a very targeted herbicide treatment.

Assumptions

- PPWR will determine final means and methods for invasive species control based on our professional judgement and site conditions.
- PPWR will conduct herbicide applications per product label and accepted treatment methodologies, but provides no guarantee of target species mortality or long-term system response. The effectiveness of each herbicide application is dependent upon several conditions such as target species, weather conditions before and after the herbicide application, available target species seed bank, and target species populations on adjacent parcels and within the watershed. Sustainable control of target weed populations often takes consistent and appropriately timed applications over multiple years. Complete control of a target species may not be achieved based on the factors mentioned above.
- PPWR assumes that target invasive species will be interspersed with non-target species, including native species. PPWR will select application techniques and herbicides with the goal of reducing invasive species populations. With this goal in mind, reasonable efforts will be made to avoid impact to adjacent non-target vegetation, but PPWR will not guarantee or replace damaged vegetation within the



Project: Ashland Mitigation Bank 2020 Site Management Proposal

Premier Prairie & Wetland Restorations LLC.
229 CR A
Cambridge, WI

- treatment area, nor will PPWR be responsible for incidental damage resulting from use of industry standard care.
- The client will make PPWR aware of any known access restrictions, easements, utility encumbrances, or land use constraints which may affect execution of the work to be conducted.
- The Client will provide PPWR with information on all known locations of Threatened and Endangered species, sensitive areas, protected wildlife habitat features, and site conditions which may restrict access or execution of the work to be conducted.

Project Cost Estimate

The Scope of Work will be completed on a **Lump Sum Basis for \$5,950.00** including reimbursable expenses in the attached rate sheet. This cost estimate does not include sales tax.

If PPWR encounters unexpected challenges or anticipates work may exceed the cost estimate, PPWR will contact the client to receive approval prior to completing new or additional services.

The costs described herein and specified in the attached rate table and/or units prices for the services described are valid for 60 days from the date of this proposal and are subject to annual adjustments. Please indicate your acceptance of this proposal, the scope of work, payment terms, terms and conditions by signing and providing the information requested on the last page of the Agreement. Please return the entire document, along with the retainer fee.

Payment

All Invoices are due for payment upon receipt, please mail payments to:

Matt Angerhofer or Premier Prairie & Wetland Restorations LLC.
229 County Road A
Cambridge, WI 53523

If you have any questions, or require any additional information, please call us at (608) 513-8069. Thank you and we look forward to working with you on this project.

Sincerely,

Premier Prairie & Wetland Restorations, LLC

A handwritten signature in black ink that reads "Matthew R. Angerhofer".

Matthew Angerhofer (President)

Cell 608.513.8069

Matt@premierprairiewetlands.com

Enclosure: Rate table, Site Map, Term and Conditions and Agreement

Ashland Mitigation Bank



Woodland Rd

Gordys Ln

Legend

 Ashland Mitigation Bank (9) Acres

Google Earth

© 2020 Google

300 ft

Page 131 of 179

Agreement

This Agreement made as of the date set forth below between Premier Prairie & Wetland Restorations (Consultant) and the City of Ashland (Owner). The Consultant and Owner agree as follow:

1. **Scope of Work:** The Consultant shall substantially complete the Scope of Work described in the proposal.
2. **Payments:** All payments shall be made as set forth in the proposal.
3. **Contract Documents:** The Contract Documents consist of this Agreement, the proposal, and any modifications issued after the execution of this Agreement and any specific drawings, addendums or other documents specifically set forth in the exhibit. A modification is either (1) a written amendment to the Contract (defined below) and signed by the parties or (2) a written "Change Order".
4. **Change Orders:** All alterations, additions, or deletions to the Consultant's Work or materials to be furnished by Consultant shall be set forth in a written change order signed by the Consultant. The Change Order shall clearly set forth the adjustment being made to the Contract Price resulting from the change order. In the event that Owner orders additional work to be performed and a change order is not executed by the parties, the Owner shall be responsible for all costs including without limitation labor, material, and equipment (collectively the "total costs"), and an additional fee equal to 10% of the total costs.
5. **Substantial Completion:** Substantial Completion is the point when the Work is sufficiently complete in accordance with the Contract Documents to allow the Owner to utilize the site for its intended purpose.
6. **Use of Site:** Unless otherwise stated, the Consultant shall have access to the site for activities necessary for the performance of the Work. The Consultant will take reasonable precautions to minimize damage due to these activities and will be responsible for damages that either (1) fall under regulatory control and/or (2) present a negative ability for the owner to utilize the site.
7. **Permits, Fees and Notices.** Except as otherwise provided for in the proposal, the Owner shall be responsible for obtaining and paying for all permits and governmental fees, licenses, and inspections necessary to complete the Work.
8. **Insurance:** Consultant shall carry the insurance set forth in the Certificate of Liability Insurance (provided prior to initiating field work).
9. **Indemnification:** The Owner shall, to the fullest extent permitted by law, indemnify, defend, and hold harmless the Consultant and its subcontractors from all suits or claims alleging damage or injuries to persons or property, or liabilities resulting there from including without limitation reasonable attorney fees and defense costs, arising out of or in any way connected with the performance of the Work under this Contract, excepting only those damages, liabilities or costs attributable to the negligence or willful misconduct of the Consultant.
10. **Information for the Sole Use and Benefit of the Owner:** All opinions and conclusions of the Consultant, whether written or oral, and any plans, specifications or other

documents and services provided by the consultant are for the sole use and benefit of the Owner and are not to be provided to any other person or entity without the prior written consent of the Consultant. Nothing contained in this Contract shall create a contractual relationship with or a cause of action in favor of a third party against either the Consultant or the Owner.

- 11. Certifications, Guarantees and Warranties:** The Consultant shall not be required to execute any document that would result in the Consultant certifying, guaranteeing or warranting the existence of any conditions. The Consultant will render services and opinions according to the standards of practice of consulting professional engineering.
- 12. Limitation of Liability:** In recognition of the relative risks, rewards and benefits of the project to both the Owner and the Consultant, the risks have been allocated such that the Owner agrees that, to the fullest extent permitted by law, the Consultant's total liability to the Owner for any and all injuries, damages, claims, losses or expenses arising out of this Contract from any cause or causes, shall not exceed the Contract Price. Such causes include, but are not limited to, Consultant's negligence, errors, omissions, strict liability, breach of contract or breach of warranty.
- 13. Use of Documents:** All documents produced by the Consultant under this Contract are instruments of the Consultant's professional service for use in the project for which the Consultant was retained. These documents may not be used by the Owner for any other purpose without the prior written consent of the Consultant.
- 14. Dispute Resolution:** This contract shall be governed by the laws of the State of Wisconsin as to both interpretation and performance. Any claims or disputes between the Client and the Consultant arising out of the services to be provided by the Consultant or out of this Agreement (except claims by the Consultant for payment of fees due from Client) shall be resolved by following a three-step process: (1) project managers resolution; which if not successful will be followed by (2) nonbinding mediation; then (3) binding arbitration in event that mediation is not successful. If the parties are unable to agree upon a mediator or an arbitrator, either party shall have the right to bring legal action as provided herein. Arbitration shall be conducted in accordance with Construction Industry Arbitration Rules of the American Arbitration Association then in force. Any litigation involving the interpretation or performance of this Agreement shall be venued either in the Circuit Court for Dane County, Wisconsin or in the United States District Court for the Western District of Wisconsin, and the parties expressly agree that said courts shall have personal jurisdiction over them and that venue is proper in said courts. The prevailing party in any such arbitration or litigation shall be entitled to an award of all costs, including reasonable attorney's fees, as determined by the arbitrator or court in the exercise of his or her sound discretion.
- 15. Lien Notice:** As required by the Wisconsin Construction Lien Law, claimant hereby notifies owner that persons or companies performing, furnishing, or procuring labor, services, plans, or specifications for the construction on owner's land may have lien rights on owner's land and buildings if not paid. Those entitled to lien rights, in addition to the undersigned claimant, are those who contract directly with the owner or those who give the owner notice within sixty (60) days after they first perform, furnish, or procure services, materials, plans, or specifications for construction. Accordingly, owner probably will receive notices from those who perform, furnish, or procure labor, services, material, plans, or specifications for the construction, and should give a copy of each notice received to the mortgage lender, if any. Complainant agrees to cooperate with

the owner and the owner's lender, if any, to see that all potential lien claimants are duly paid.

16. Termination of Services: This Contract may be terminated at any time by either party should the other party fail to perform its obligations hereunder. In the event of termination for any reason whatsoever, the Owner shall pay the Consultant for all services rendered to the date of termination, and all expenses incurred prior to termination and reasonable termination expenses incurred as the result of termination.

17. Entire Contract: The Agreement and the Contract Documents (collectively, the "Contract") contain the entire Contract between the parties superseding all prior negotiations and communications, both verbal and written. Any change, modification or amendment to the Contract must be in writing and signed by both parties. The termination or expiration of the Contract shall not effect or prejudice either party's accrued rights hereunder and all rights of indemnity survive the termination of this Contract. Failure of either party to exercise any rights hereunder shall not be constructed to be a waiver of any such right in the Contract. Furthermore, the failure to exercise a right hereunder shall not be a waiver of the Contract as a whole or any other provision thereof.

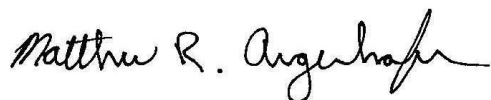
18. Severability: Any term or provision of this Contract found to be invalid under any applicable statute or rule of law be deemed omitted and the remainder of this Contract shall remain in full force and effect.

19. Survival: Notwithstanding completion or termination of this Contract for any reason, all rights, duties and obligations of the parties to this Contract shall survive such completion or termination and remain in full force and effect until fulfilled.

The above Contract, Terms and Conditions, and referenced Proposal scope of work and fees are agreed upon:

Consultant: Matt Angerhofer

Date: May 26, 2020



Owner: _____

Date _____

Owner Name (Printed): _____

Owner Address: _____

Owners Phone Number _____



Premier Prairie & Wetland Restorations Rate Tables

PPWR Staff Rates		UM	Rate
Senior Ecologist		Hour	\$95
Restoration Specialist		Hour	\$65
Restoration Technician		Hour	\$55

Direct Charges			
Adjuvants		UM	Rate
Spray Indicator Dye (Blue dye)		oz	\$0.33
Non-Ionic Surfactant (Induce)		oz	\$0.33
Water Conditioner (Request)		oz	\$0.25
Oil-Based Triclopyr		oz	\$0.45
Zarr		oz	\$0.40
Crop Oil		oz	\$0.12
Induce PH		oz	\$0.35
Dyne Amic (MBO + Organosilicon Aquatic)		oz	\$0.56
Pesticides		UM	Rate
2, 4-D Ester (Weedone)		oz	\$0.25
Barrage HF (2,4-D)		oz	\$0.40
Round-up custom		oz	\$0.35
Clethodim 2E		oz	\$1.25
Select Max		oz	\$1.35
TapOut (Clethodim petroleum free)		oz	\$1.25
Garlon 3A (Triclopyr water-based)		oz	\$0.80
Element 4 (Triclopyr oil based)		oz	\$0.80
Garlon Ultra 4		oz	\$1.25
Trycera Triclopyr 3A + 4E petroleum free)		oz	\$0.90
Clopyralid (transline)		oz	\$2.50
Polaris		oz	\$0.80

Reimbursable Expenses			
Mileage and Travel Expenses		UM	Rate
Truck Mileage		Mile	\$0.58
Truck with Trailer Mileage		Mile	\$1.00
Daily Per-Diem		Full Day	\$50.00
Per-Diem (Breakfast)		Breakfast	\$8.00
Per-Diem (Lunch)		Lunch	\$15.00
Per-Diem (Lunch)		Dinner	\$27.00
Equipment			
Water tank and Pump		Day	\$50.00
Burn Equipment		Per Staff	\$50.00
Herbicide Back Pack Sprayer		Day	\$15.00
Chain Saw / Brush Cutter		Day	\$50.00
ATV - Daily		Day	\$100.00
ATV - Weekly		Week	\$400.00
UTV With Tracks - Daily		Day	\$125.00
UTV With Tracks - Weekly		Weekly	\$500.00
100 Gallon Boomless Sprayer		Daily	\$100.00
25 gallon Boomless Sprayer		Weekly	\$50.00
Rental Equipment Fuel Charge (Diesel)		Gallon	\$3.00
Rental Equipment Fuel Charge (Gasoline)		Gallon	\$2.50

SUBJECT: Approve to Amend Chapter 922 (1488) Ashland City Ordinances, Alcohol Beverage Licenses, to Increase the Quota for "Class A" Intoxicating Liquor Licenses from Three (3) to Four (4) (Clerk) Voice

RECOMMENDATION: Approval

DEPARTMENT OF ORIGIN: City Clerk

CLEARANCES: Attorney

EXHIBITS:

1. Proposed Ordinance
2. Letter to City Council June 1 2020
3. Chapter922 Alcoholic Beverages Regulation.
4. Alcohol Beverage Retail License Application
5. What types of alcohol beverage licenses are there

EXPENDITURES REQUIRED: NA

AMOUNT BUDGETED: NA

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE: The Treasurer's Office has certified on May 26, 2020 that Tastes of Wisconsin is in compliance with the provisions of Ordinance 923.10 Ashland City Ordinances.

COMPLIANCE WITH ORDINANCE 51: Section 51.26 (b) of Chapter 51, Ashland City Ordinances, permit the Mayor and/or Clerk to schedule items directly for Council action when a timely decision is needed by the City. The City Clerk has chosen to direct this item directly to Council pursuant to the authority granted to her in Chapter 51, Ashland City Ordinances.

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

Jerry Henderson had applied for a Class A Combination Alcohol Beverage license for Tastes of Wisconsin at 420 Lake Shore Drive West (formerly ACE Hardware) for the retail sale of locally produced craft beer and wines to compliment the line of foods and products he plans to have available. On May 26, 2020, Council approved this request upon contingencies of an approved final inspection once he completed finishing work inside the facility. To date, he has not yet paid for or received his license at the Clerk's office.

Soon after approval, it was brought to the Clerk's attention that Ashland City Ordinance Chapter 922.30(a) states there is a municipal-set quota of 3 licenses allowed for 'Class A' Intoxicating Liquor which had already been met: Super H Foods, Super One Liquor and Star Liquor. There is currently no quota for Class A Fermented Malt Beverage (beer) licenses. The Clerk confirmed with the State of Wisconsin Tobacco and Alcohol Enforcement that this is not a State quota in comparison to the Class B Combination Alcohol Beverage license. It was not the intention of Mr. Henderson to overrule the Council mandated quota but the error of the Clerk for misinterpreting the ordinance.

Tastes of Wisconsin wishes to sell locally crafted beers and wines, and has no intention to sell hard liquors. The set up and planning of the new store which will incorporate moving Superior Floral into this location to combine wine and floral designs will create a new experience in gifting and purchases and has planned his store's layout accordingly.

Sixth Street Market approached Council in 2016 to raise the quota for the same license type, to allow them to compete with the new Kwik Trip enterprises. This was denied by Council at that time and the issue has not been brought forward since. The owners of 6th Street Market have retired earlier this year, generating an opportunity to recreate this market environment. In order to meet his end goal, he is asking Council to approve one additional "Class A" Intoxicating Liquor license to allow his new business to succeed.

Concerns have been brought forward by other local business owners about the potential for increased competition for their small market group. Two of the three licenses belong to businesses who solely sell beer and hard liquor including wine and spirits. The third business is a well-known and long-time neighborhood convenience store, selling foods and household goods along side beer, hard liquor and wines. Tastes of Wisconsin is tailored more toward a gift shop and tourist stop, stocking locally produced speciality items to support the community. The makeup of Tastes of Wisconsin is steering toward a different shopping market, and would likely not negatively impact that of the other three license holders.

It is the request of the Clerk's office to approve to amend Chapter 922 (1488), Ashland City Ordinances, to increase the self-induced quota for "Class A" Intoxicating Liquor licenses from three (3) to four (4), and to approve said license be approved for Tastes of Wisconsin LLC, at 420 Lake Shore Drive West, Ashland as initially applied.

ORDINANCE TO AMEND CHAPTER 922 (1488), ASHLAND CITY ORDINANCES, ALCOHOLIC BEVERAGES REGULATION TO INCREASE THE QUOTA FOR “CLASS A” INTOXICATING LIQUOR LICENSES FROM THREE (3) TO FOUR (4)

An ordinance adopted by the Common Council for the City of Ashland at its regular meeting of June 9, 2020 for the purpose of amending section 922.30(a) Quotas to increase the “Class A” Intoxicating Liquor licenses quota of three (3) to four (4).

SECTION I:

Section 922.30(a) shall be amended to read:

“Class A” Intoxicating Liquor. The quota for “Class A” intoxicating liquor licenses in the City shall be four (4) licenses.

SECTION II

This ordinance shall take effect upon passage and publication.

PASSED: June 9, 2020
PUBLISHED: June 20, 2020

Councilperson

ATTEST: _____
Denise Oliphant, City Clerk

Debra S. Lewis, Mayor

APPROVED AS TO FORM:

Tyler W. Wickman, City Attorney

Jerry Henderson
3016 Toll Road
Ashland, WI 54806

June 1, 2020

Members of the Ashland City Council
Ashland City Hall
601 Main Street W
Ashland, WI 54806

Re: Liquor License for Tastes of Wisconsin

Dear Members of the Ashland City Council:

I write to you today after learning of a procedural error and to respectfully request that the quota for Class A liquor licenses in the City of Ashland be expanded by one to allow our new business to open operating under the original business plan and format that led to our previous application and approval for the appropriate license.

As you know, we are excited to bring a new business to Ashland's downtown. We selected a great, central location in an existing and vacant location and have spent considerable amounts of money improving that space. We have partnered with another local business, which has already begun preparations to move to our location, allowing them to expand and continue to make downtown vibrant.

While I understand that this situation is the result of an honest mistake, one for which we hold no ill will, it is important that we find a way to make this work. After going through the proper motions and thinking things were approved and ready to go, we have continued to invest and prepare. Our business model relies on the appropriate licensing. From what I have been told, the cleanest, most expedient, and appropriate way to accomplish this is to request that you increase the quota by one and allow this new business to obtain the license.

We look forward to many years in business serving the City of Ashland and its surrounding communities. Our fresh-cut meat, seafood, and many other local products will be a wonderful addition to the historic downtown district. When Ashland lost Sixth Street Market, there was a clear need expressed and we are here to fill it, with some help from the former owners of that store. However, a considerable amount of time, energy, and financial resources has gone into retail space, display fixtures, and ordering beer and wine that will complete the gourmet experience we have promised local shoppers.

In closing, it is my sincere hope that you see the value and potential in this business and help me get this licensing issue settled fairly. I would be happy to answer any questions – and look forward to seeing you in the store!

Sincerely,
Jerry Henderson
Owner, Tastes of Wisconsin

CHAPTER 922. ALCOHOLIC BEVERAGES REGULATION.

922.10. Adoption of state statutes. The provisions of Chapter 125 of the Wisconsin Statutes and all acts amending or supplementing the above cited statutes are adopted, so far as applicable, except as otherwise provided by this ordinance. Any conflict between the provisions of this chapter and Chapter 125 of the Wisconsin Statutes shall be resolved in favor of the statutory provision and the remainder of this chapter shall not be affected thereby.

922.15. Issuance of Operator Licenses. Pursuant to Wis. Stats., § 125.17, the City Clerk of the City of Ashland shall be designated as the municipal official authorized to issue operator's licenses with the same authority and following the same procedures as required by the City Council for issuing such operators licenses as prescribed in Sections 20-611, of these ordinances.

922.20 License fees.

- (a) Class "A" Fermented Malt Beverage. The fee for a Class "A" fermented malt beverage license shall be one hundred (\$100) dollars per year.
- (b) "Class A" Cider. There is no fee for a "Class A" Cider license.
- (c) "Class A" Intoxicating Liquor. The fee for a "Class A" intoxicating liquor license shall be five hundred (\$500) dollars per year.
- (d) Class "B" Fermented Malt Beverage. The fee for a Class "B" fermented malt beverage license shall be one hundred (\$100) dollars per year.
- (e) "Class B" Intoxicating Liquor. The fee for a "Class B" intoxicating liquor license shall be five hundred (\$500) dollars per year.
- (f) Reserve "Class B" Intoxicating Liquor. The initial issuance fee for a Reserve "Class B" intoxicating liquor license shall be ten thousand (\$10,000) dollars, plus the annual "Class B" intoxicating liquor license fee. The \$10,000 fee is a one-time fee, however, a reissuance of a Reserve Class B intoxicating liquor license to a new licensee shall be subject to the ten thousand (\$10,000) issuance fee. Bona fide clubs and lodges situated and incorporated in the state for at least six years that apply for Reserve "Class B" licenses are exempt from paying the minimum \$10,000 initial issuance fee.
- (g) "Class C" Wine. The fee for a "Class C" wine license shall be one hundred (\$100) dollars per year.
- (h) Wholesaler's Licenses for Fermented Malt Beverages. Effective July 1, 2011, the City of Ashland will no longer issue wholesale fermented malt beverage (FMB) licenses. The Wisconsin Department of Revenue will issue wholesale permits as established by 2011 Wisconsin Act 32.

(i) Special Six-month Licenses. The fee for a Special Six-Month “Class A” intoxicating liquor, “Class B” intoxicating liquor, or Class “B” fermented malt beverage license shall be one-half the annual fee set for said license.

(j) Provisional Licenses. Individuals who apply for the following licenses may be issued a provisional retail license by the Clerk’s office: provisional Class “A” fermented malt beverage, “Class A” Cider license, “Class A” intoxicating liquor, Class “B” fermented malt beverage, “Class B” intoxicating liquor license or “Class C” wine license. The application will be reviewed and approved by the Police Department. The fee for a provisional license shall be \$15.00 each with the exception of no fee for a “Class A” Cider license. The provisional license will expire 60 days after its issuance or when the applicant receives a regular license, whichever is first. The Clerk’s office may revoke the provisional license if the Clerk discovers the holder made a false statement on the application. The City of Ashland will not issue a provisional license for a “Class B” liquor license if the quota has been met. The City of Ashland will not issue a provisional license for a “Class A” cider license if the applicant does not have a Class “A” fermented malt license for the same location. No person may hold more than one provisional retail license for each type of license applied for by the holder each year.

(k) Temporary Licenses. The fee for a Temporary Class “B” fermented malt beverage (picnic) license shall be ten (\$10) dollars per day. The fee for a Temporary “Class B” wine license shall be ten (\$10) dollars per day. If both a temporary Class “B” fermented malt beverage license and a temporary “Class B” wine license are obtained for the same event, only one ten (\$10) dollar fee shall be charged.

(l) Operator’s Licenses. Applicants for an operator’s license shall have the option of applying for a one-year license or a two-year license. The fee shall be established in the City of Ashland Comprehensive Fee Schedule. Licenses shall be issued for the fiscal year beginning July 1 and ending June 30 of each year.

(m) Provisional Operator’s License. Individuals who apply for an operator’s license may be issued a provisional operator’s license by the Clerk’s office pending action from the Common Council and pending completion of State-mandated training requirements. The application must be reviewed and approved by the Police Department. The provisional license shall expire sixty (60) days after its issuance or when the applicant receives a regular operator’s license, whichever is first. There shall be no additional fee for a provisional Operator’s License.

(n) Temporary Operator’s License. A temporary operator’s license to serve at a special event may be issued to an individual employed by, or donating their services to, a nonprofit organization. The license shall be valid for any one period from one day to fourteen days. No person may hold more than one temporary license per year. The fee for a temporary license shall be five (\$5) dollars.

922.30. Quotas.

(a) “Class A” Intoxicating Liquor. The quota for “Class A” intoxicating liquor licenses in the City shall be three (3) licenses.

(b) “Class B” Intoxicating Liquor/Reserve “Class B” Intoxicating Liquor. The quota for “Class B” intoxicating liquor licenses shall be determined by the provisions of Sec. 125.51(4), Wis. Stats., which created a quota of twenty-six (26) regular “Class B” intoxicating liquor licenses and twelve (12) Reserve “Class B” intoxicating liquor licenses. Under the provisions of State Statute 125.51(4)(br)2., one additional Reserve “Class B” intoxicating liquor license may be created for each increase of 500 population or fraction thereof to the population total of 8,797 (eight thousand, seven hundred ninety-seven).

- (1) It is specifically provided that 1 of the 26 licenses described in this section shall be reserved for granting to bona fide clubs, state, county, or local fair associations, or agricultural societies, lodges, or societies that have been in existence for not less than six months prior to the date of application.

(c) Unissued Licenses. If any “Class B” intoxicating liquor license within the above-stated quotas is allowed to expire without an accepted request by the licensee that it be re-issued to another licensee for the same premises, it shall be retired and shall reduce the quota for regular “Class B” intoxicating liquor licenses by one. The Council may continue to retire licenses until the number of 16 licenses available is reached to equal that of one for every 500 persons, corresponding to a population of 8000. The initial issuance of a Reserve “Class B” intoxicating liquor license shall require an affirmative vote of two-thirds (2/3) of the entire membership of the City Council.

- (1) Exceptions: The Council may vote to issue extra licenses if circumstances are such that the applicant:

- (a) Is a full service restaurant with a seating capacity of 300 or more, or;
- (b) Is a hotel with 50 or more rooms and a restaurant with a seating capacity of 150 or more, or;
- (c) Is a banquet hall with a seating capacity of 400 or more.

922.40. Local options.

(a) Adoption of Off-Sale Provisions for “Class B” Intoxicating Liquor Licenses. The City of Ashland elects to come under Sec. 125.51(3)(b), Wis. Stats., and provides that a retail “Class B” license authorizes the sale of intoxicating liquor to be consumed by the glass only on the premises where sold and also authorizes the sale of intoxicating liquor in the original package or container, in multiples not to exceed four (4) liters at any one time, and to be consumed off the premises where sold. Wine, however, may be sold for consumption off the premises in the original package or otherwise in any quantity.

(b) Licenses for Non-Intoxicating and Soda Water Beverages. Class “B” fermented malt beverage licensees may also sell beverages containing less than one-half of one per centum alcohol by volume without obtaining a special license to sell such beverages pursuant to Section 66.053(1) of the Wisconsin State Statutes.

(c) Restrictions Related to Other Uses. No Class A or Class B intoxicating liquor or fermented malt beverage license shall be issued for any premise which is used as a laundromat; or for any premise which is not used primarily for the sale of gasoline, groceries and/or bait, as a restaurant, or for the sale of intoxicating liquor and fermented malt beverages.

(d) Excessive Number of Licenses Not Permitted. No more alcohol-related licenses than are legally necessary to conduct the alcohol-related business shall be issued for a single, contiguous premise.

(e) Delinquent Taxes and Fees. No license shall be granted or renewed for the operation of any premises upon which real estate taxes, personal property taxes, assessments, or other financial claims or forfeitures are delinquent or unpaid.

(f) Temporary Expansion of Premises Description. The Chief of Police, or the Chief’s designee, shall be given authority to grant a temporary change to the licensed premise description to accommodate special events.

(g) Failure to do Business. Within one hundred eighty (180) days from the initial issuance of a Class A or Class B intoxicating liquor or fermented malt beverage license, a licensee shall be open for business with adequate stock and equipment or the license shall be revoked by the Common Council following a revocation hearing. If any Class A or Class B intoxicating liquor or fermented malt beverage licensee shall suspend or cease doing business for a period of 180 days, the license shall be revoked by the Common Council following a revocation hearing. For the purposes of this subsection, the licensed premises must be open for business a minimum of twenty (20) hours per week or the license will be subject to the failure to do business provisions. The 180 days shall not necessarily need to be successive to impose the provisions of this subsection. This subsection shall not apply to the licenses held for the Bay Area Civic Center premises, Chapel on Third Event Center, or for bona fide clubs, state, county, or local fair associations, or agricultural societies, lodges, or societies that have been in existence for not less than six months prior to the date of application.

922.41. Drinking in Public Places

Except as provided in Sections 922.42 and 501.06(e), it shall be unlawful for any person or persons to sell, serve, or consume, or possess an open container containing any type of intoxicating liquor or fermented malt beverage on any public street or sidewalk or public parking area within the City.

922.42. Licensed Premises may include public rights-of-way.

(a) An applicant for a license under this Chapter who is qualified to obtain a permit under Sec. 508.41(c) may include in the description of the “premises” to be licensed a portion of public right-of-way as described in Sec. 501.06(e).

(b) No licensee may sell, serve, or allow the consumption of any intoxicating liquor or fermented malt beverage on any public-right-of-way without a permit under Sec. 501.06(e). The issuance of license under this chapter for premises including a public right-of-way does not grant any right to the issuance, renewal, or non-revocation of a permit under Sec. 501.06(e).

(c) Any licensee who sells, serves, or allows the consumption of any intoxicating liquor or fermented malt beverage on any public-right-of-way under a permit issued pursuant to Sec. 501.06(e), shall clearly demarcate for its customers the limits of the licensed premises, by means such as but not limited to appropriate signage, stanchions or planters, as approved by the Department of Planning and Development under the licensee’s permit issued pursuant to Sec. 501.06(e).

922.50. Revocation of licenses. Licenses issued under the provisions of this chapter may be revoked by the Council of the City of Ashland after notice and hearing for any of the following causes:

(a) Fraud, misrepresentation, or incorrect statement contained in the application for license;

(b) Fraud, misrepresentation, or incorrect statement made in the course of carrying on his/her business;

(c) Any violation of this ordinance;

(d) Conviction of any crime or misdemeanor.

922.51. Notice of hearing. Notice of the hearing for revocation of a license shall be given by the City Clerk in writing, setting forth specifically the grounds of complaint and the time and place of hearing. Such notice shall be mailed, postage prepared to the licensee at his/her last known address at least 72 hours prior to the date set for hearing, or shall be delivered by a Police Officer in the same manner as a court summons.

922.60. Penalty for violation of ordinance. Any person, firm, or corporation that shall violate any of the provisions of this ordinance shall forfeit not less than one hundred dollars (\$100.00) nor more than five hundred dollars (\$500.00) for each offense, plus the cost of prosecution. Each day’s violation of the provisions of this ordinance shall constitute a separate offense.

922.611 Severance Clause

The provisions of this ordinance are declared to be severable and if any section, sentence, clause, or phrase of this ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses and phrases of

this ordinance, but they shall remain in effect, it being the legislative intent that this ordinance shall stand notwithstanding the invalidity of any part.

922.612. Effective Date

This ordinance shall be effective upon its passage and publication.

ADOPTED: 922 (1488) 1/25/2000

AMENDMENTS: 922 (1516) 6/26/2001; 922 (1644) 12/12/2006; 922 (1688) 9/30/2008;
922 (1780) 3/13/2012; 922 (1784) 4/17/2012;
922 (2015-1850) 8/25/2015; 922 (2015-1857) 9/29/2015;
922 (2016-1870) 5/31/2016; 922 (2017-1898) 9/26/2017;
922 (2018-1904) 6/12/2018; 922 (2019-1923) 12/03/2019; 922 (2020-1931) 05/26/2020

Original Alcohol Beverage Retail License Application

(Submit to municipal clerk.)

For the license period beginning: 7-01-2020 ending: 6-30-2021
(mm dd yyyy) (mm dd yyyy)

To the Governing Body of the: ☐ Town of ☐ Village of ☒ City of Ashland

County of Ashland Aldermanic Dist. No. _____
(if required by ordinance)

Check one: ☐ Individual ☒ Limited Liability Company
☐ Partnership ☐ Corporation/Nonprofit Organization

Applicant's Wisconsin Seller's Permit Number <u>456-1030211378-02</u>	
FEIN Number <u>84-4748616</u>	
TYPE OF LICENSE REQUESTED	FEE
☒ Class A beer	\$ <u>100</u>
☐ Class B beer	\$
☐ Class C wine	\$
☒ Class A liquor	\$ <u>500</u>
☐ Class A liquor (cider only)	\$ N/A
☐ Class B liquor	\$
☐ Reserve Class B liquor	\$
☐ Class B (wine only) winery	\$
Publication fee	\$ <u>50.00</u>
TOTAL FEE	\$ <u>650</u>

Name (individual / partners give last name, first, middle; corporations / limited liability companies give registered name)
Henderson, Jerry Tastes of Wisconsin LLC

An "Auxiliary Questionnaire," Form AT-103, must be completed and attached to this application by each individual applicant, by each member of a partnership, and by each officer, director and agent of a corporation or nonprofit organization, and by each member/manager and agent of a limited liability company. List the full name and place of residence of each person.

President / Member Last Name <u>HENDERSON</u>	(First) <u>Jerry</u>	(Middle Name) <u>STEVEN</u>	Home Address (Street, City or Post Office, & Zip Code) <u>3116 TOLL RD. Ashland WI 54806</u>
Vice President / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Secretary / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Treasurer / Member Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Agent Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)
Directors / Managers Last Name	(First)	(Middle Name)	Home Address (Street, City or Post Office, & Zip Code)

1. Trade Name Tastes of Wisconsin LLC Business Phone Number 715-682-6414
2. Address of Premises 420 Lakeshore Dr West Post Office & Zip Code Ashland WI 54806

3. Premises description: Describe building or buildings where alcohol beverages are to be sold and stored. The applicant must include all rooms including living quarters, if used, for the sales, service, consumption, and/or storage of alcohol beverages and records. (Alcohol beverages may be sold and stored only on the premises described.)

4. Legal description (omit if street address is given above): _____

5. (a) Was this premises licensed for the sale of liquor or beer during the past license year? ☐ Yes ☒ No

(b) If yes, under what name was license issued? _____

6. Is individual, partners or agent of corporation/limited liability company subject to completion of the responsible beverage server training course for this license period? **If yes, explain** ☐ Yes ☐ No
7. Is the applicant an employee or agent of, or acting on behalf of anyone except the named applicant? ☐ Yes ☒ No
If yes, explain.
8. Does any other alcohol beverage retail licensee or wholesale permittee have any interest in or control of this business? **If yes, explain** ☐ Yes ☒ No
9. (a) **Corporate/limited liability company applicants only:** Insert state _____ and date _____ of registration.
- (b) Is applicant corporation/limited liability company a subsidiary of any other corporation or limited liability company? **If yes, explain** ☐ Yes ☒ No
- (c) Does the corporation, or any officer, director, stockholder or agent or limited liability company, or any member/manager or agent hold any interest in any other alcohol beverage license or permit in Wisconsin? **If yes, explain.** ☐ Yes ☒ No
10. Does the applicant understand they must register as a Retail Beverage Alcohol Dealer with the federal government, Alcohol and Tobacco Tax and Trade Bureau (TTB) by filing (TTB form 5630.5d) before beginning business? [phone 1-877-882-3277] ☒ Yes ☐ No
11. Does the applicant understand they must hold a Wisconsin Seller's Permit? [phone (608) 266-2776] ☒ Yes ☐ No
12. Does the applicant understand that they must purchase alcohol beverages only from Wisconsin wholesalers, breweries and brewpubs? ☒ Yes ☐ No

READ CAREFULLY BEFORE SIGNING: Under penalty provided by law, the applicant states that each of the above questions has been truthfully answered to the best of the knowledge of the signer. Any person who knowingly provides materially false information on this application may be required to forfeit not more than \$1,000. Signer agrees to operate this business according to law and that the rights and responsibilities conferred by the license(s), if granted, will not be assigned to another. (Individual applicants, or one member of a partnership applicant must sign; one corporate officer, one member/manager of Limited Liability Companies must sign.) Any lack of access to any portion of a licensed premises during inspection will be deemed a refusal to permit inspection. Such refusal is a misdemeanor and grounds for revocation of this license.

Contact Person's Name (Last, First, M.I.) <i>Henderson Jerry S</i>	Title/Member <i>MANAGER</i>	Date <i>4-15-20</i>
Signature <i>Jerry S. Henderson</i>	Phone Number <i>715-682-6414</i>	Email Address <i>Jerry@upnorthfoods.com</i>

TO BE COMPLETED BY CLERK

Date received and filed with municipal clerk <i>5-04-2020</i>	Date reported to council / board	Date provisional license issued	Signature of Clerk / Deputy Clerk
Date license granted	Date license issued	License number issued	

Schedule for Appointment of Agent by Corporation / Nonprofit Organization or Limited Liability Company

Submit to municipal clerk.

All corporations/organizations or limited liability companies applying for a license to sell fermented malt beverages and/or intoxicating liquor must appoint an agent. The following questions must be answered by the agent. The appointment must be signed by an officer of the corporation/organization or one member/manager of a limited liability company and the recommendation made by the proper local official.

To the governing body of: ☐ Town ☐ Village ☒ City of Ashland County of Ashland

The undersigned duly authorized officer/member/manager of Tastes of Wisconsin LLC
(Registered Name of Corporation / Organization or Limited Liability Company)

a corporation/organization or limited liability company making application for an alcohol beverage license for a premises known as Tastes of Wisconsin LLC
(Trade Name)

located at 420 Lakeshore Drive W Ashland WI 54806

appoints Jerry Henderson
(Name of Appointed Agent)

3016 Toll Road Ashland WI 54806
(Home Address of Appointed Agent)

to act for the corporation/organization/limited liability company with full authority and control of the premises and of all business relative to alcohol beverages conducted therein. Is applicant agent presently acting in that capacity or requesting approval for any corporation/organization/limited liability company having or applying for a beer and/or liquor license for any other location in Wisconsin?

☐ Yes ☒ No If so, indicate the corporate name(s)/limited liability company(ies) and municipality(ies).

Is applicant agent subject to completion of the responsible beverage server training course? ☒ Yes ☐ No

How long immediately prior to making this application has the applicant agent resided continuously in Wisconsin? 55 yrs

Place of residence last year _____

For: _____
(Name of Corporation / Organization / Limited Liability Company)

By: _____
(Signature of Officer / Member / Manager)

Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

ACCEPTANCE BY AGENT

I, Jerry S. Henderson, hereby accept this appointment as agent for the
(Print / Type Agent's Name)

corporation/organization/limited liability company and assume full responsibility for the conduct of all business relative to alcohol beverages conducted on the premises for the corporation/organization/limited liability company.

Jerry S. Henderson 4-15-20
(Signature of Agent) (Date)

3016 Toll Road Ashland WI 54806
(Home Address of Agent)

Agent's age 55

Date of birth 09/19/1964

APPROVAL OF AGENT BY MUNICIPAL AUTHORITY (Clerk cannot sign on behalf of Municipal Official)

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, the character, record and reputation are satisfactory and I have no objection to the agent appointed.

Approved on _____ by _____ Title _____
(Date) (Signature of Proper Local Official) (Town Chair, Village President, Police Chief)

Auxiliary Questionnaire Alcohol Beverage License Application

Submit to municipal clerk.

Individual's Full Name (please print) (last name) <u>HENDERSON</u>		(first name) <u>Jerry</u>		(middle name) <u>Steven</u>	
Home Address (street/route) <u>3116 Toll Road</u>		Post Office <u>Ashland</u>	City <u>Ashland</u>	State <u>Wi</u>	Zip Code <u>54806</u>
Home Phone Number <u>715-682-6414</u>		Age <u>55</u>	Date of Birth <u>09/19/1964</u>	Place of Birth <u>Ashland, Wi</u>	

The above named individual provides the following information as a person who is (check one):

☒ Applying for an alcohol beverage license as an **individual**.

☐ A member of a **partnership** which is making application for an alcohol beverage license.

☐ _____ of _____
(Officer / Director / Member / Manager / Agent) (Name of Corporation, Limited Liability Company or Nonprofit Organization)

which is making application for an alcohol beverage license.

The above named individual provides the following information to the licensing authority:

1. How long have you continuously resided in Wisconsin prior to this date? 55

2. Have you ever been convicted of any offenses (other than traffic unrelated to alcohol beverages) for violation of any federal laws, any Wisconsin laws, any laws of any other states or ordinances of any county or municipality? ☐ Yes ☒ No
If yes, give law or ordinance violated, trial court, trial date and penalty imposed, and/or date, description and status of charges pending. (If more room is needed, continue on reverse side of this form.)

3. Are charges for any offenses presently pending against you (other than traffic unrelated to alcohol beverages) for violation of any federal laws, any Wisconsin laws, any laws of other states or ordinances of any county or municipality? ☐ Yes ☒ No
If yes, describe status of charges pending.

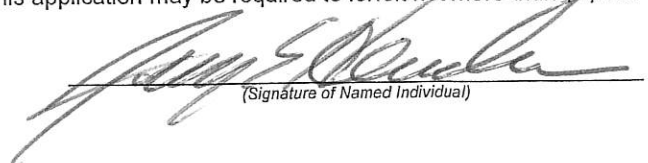
4. Do you hold, are you making application for or are you an officer, director or agent of a corporation/nonprofit organization or member/manager/agent of a limited liability company holding or applying for any other alcohol beverage license or permit? ☐ Yes ☒ No
If yes, identify. _____
(Name, Location and Type of License/Permit)

5. Do you hold and/or are you an officer, director, stockholder, agent or employee of any person or corporation or member/manager/agent of a limited liability company holding or applying for a wholesale beer permit, brewery/winery permit or wholesale liquor, manufacturer or rectifier permit in the State of Wisconsin? ☐ Yes ☒ No
If yes, identify. _____
(Name of Wholesale Licensee or Permittee) (Address By City and County)

6. Named individual must list in chronological order last two employers.

Employer's Name	Employer's Address	Employed From	To
Employer's Name	Employer's Address	Employed From	To

READ CAREFULLY BEFORE SIGNING: Under penalty provided by law, the undersigned states that each of the above questions has been truthfully answered to the best of the knowledge of the signer. The signer agrees that he/she is the person named in the foregoing application; that the applicant has read and made a complete answer to each question, and that the answers in each instance are true and correct. The undersigned further understands that any license issued contrary to Chapter 125 of the Wisconsin Statutes shall be void, and under penalty of state law, the applicant may be prosecuted for submitting false statements and affidavits in connection with this application. Any person who knowingly provides materially false information on this application may be required to forfeit not more than \$1,000.


(Signature of Named Individual)

What types of alcohol beverage licenses are there?

- Class "A" fermented malt beverage licenses allow retail sale of fermented malt beverages (beer) for consumption off the premises. Examples: grocery or convenience stores. There is no quota for this type of license.
- "Class A" liquor licenses allow retail sale of intoxicating liquor (including wine) for consumption off the premises. Examples: liquor stores or grocery stores with full liquor sales sections. The current self-imposed quota is three (3).
- "Class A" (cider only) licenses allow retail sale of cider (any alcohol beverage made from the fermentation of the juice of apples or pears and that contains not less than 0.5% alcohol by volume and not more than 7% alcohol by volume) for consumption off the premises. Class "A" licensees applying for a "Class A" (cider only) license shall be issued the "Class A" (cider only) license. The municipality may not charge an initial issuance fee or annual fee for the "Class A" (cider only) license, but may charge a fee for newspaper publication of the alcohol beverage license application. There is no quota for this type of license.
- Class "B" fermented malt beverage licenses allow retail sale of fermented malt beverages (beer) for consumption on or off the premises. Examples: restaurants, "beer bars." There is no quota for this type of license.
- "Class B" liquor licenses allow retail sale of intoxicating liquor (including wine) for consumption on the premises, and wine in original sealed containers for consumption off the premises. There is a self-imposed limit for the sale of not more than four (4) liters of intoxicating liquor (there are no limits on wine), in the original sealed container, for consumption off the premises. Check local ordinances for the allowance. State law also allows carryout of a single, opened (resealed) bottle of wine if sold with a meal. Examples: taverns and restaurants with full alcohol service. There is a grandfathered-in quota set as twenty-six (26), self-eliminating per ordinance.
- "Class C" wine licenses allow the sale of wine for consumption only on the premises and allow the carryout of a single opened (resealed) bottle if sold with a meal. There is no quota set for this type of license.
- Temporary Class B licenses (often called picnic licenses) allow retail beer and/or wine sales, at temporary events like fairs and festivals. Only certain organizations qualify for such a license. They must be bona-fide clubs, county or local fair associations, churches, lodges, or societies that have been in existence for at least six months, and may not operate for pecuniary gain, selling alcohol beverages only incidental to their operation. The State limits the number of these licenses to two (2) per year.

SUBJECT: Approve License Applications for Alcohol Beverages, Including New Officers/Agents, Arcade, Recycling Facility/Salvage Operation, Pawn Broker, Taxicab, and Mobile Home Parks *(Clerk) Voice*

RECOMMENDATION: Approval upon Contingencies Met

DEPARTMENT OF ORIGIN: City Clerk

CLEARANCES: Police Department
Fire Department
Treasurer

EXHIBITS:

1. Alcohol Beverage License Applicants
2. Miscellaneous License Renewal Applicants
3. Inspection Report, Police Department
4. City of Ashland Inspection Report - Kenwood Terrace Mobile Home Park
5. City of Ashland Inspection Report - Whispering Pines Mobile Home Park
6. City of Ashland Inspection Reports - Recycling & Salvage
7. Assignment of Agent, R Rikkola, Krist Oil Co
8. Assignment of Agent, G Kremer, Super One Foods
9. Treasurer's Certificate

EXPENDITURES REQUIRED: NA

AMOUNT BUDGETED: NA

APPROPRIATION REQUIRED: NA

TREASURER'S CERTIFICATE: See attachments.

COMPLIANCE WITH ORDINANCE 51:

STATEMENT OF CONFORMANCE WITH COMPREHENSIVE PLAN OF RECORD:

SUMMARY STATEMENT:

The City issues Alcohol Beverage, arcade, recycling facility/salvage operation, pawnbroker, taxicab, and mobile home park licenses. The premises are inspected by the Building Inspector, the Fire Department and

the Police Department, if applicable. Per Chapter 923 of Ashland City Ordinances, all licensees are required to be current on property taxes and other billings from the City (fines, utility bills, taxes, fees, etc.).

923.10. Payments Required. No person, partnership, or corporation shall be issued a license or have renewal of a license previously held or be granted a contract of any sort if that person, partnership or corporation or any person, partnership or corporation owning the real estate or personal property used in the licensed activity has any delinquent real or personal property taxes on the real or personal property involved in the licensed activity, any outstanding assessments, forfeitures, utility charges, or indebtedness owed to the City of Ashland.

There are a number of establishments that have not yet been inspected by the fire or police departments due to the business being closed by order due to the COVID-19 pandemic. The issuance of their respective licenses will be contingent upon having the proper inspections and approval by the City departments.

New Agents:

Roxanne Rikkola, Krist Oil Company
Gregory Kremer, Super One Liquor

Mobile Home Parks:

According to Stephen Schraufnagel, who is contracted by the City of Ashland for commercial building and property inspections, each of the mobile home parks in Ashland are in need of minor repairs and/or upgrades as listed in his reports. The owner of the mobile home parks have been contacted and are in agreement, and have the understanding that they are "noticed" of the required work to be done.

Note:

At the time of publishing the meeting material, the Fire Department's report was unavailable due to the inability to enter some of the facilities. An updated report will be made available as it is completed and received.

JULY 1, 2020 – JUNE 30, 2021

LICENSE RENEWAL APPLICANTS

Class B Combination License (“Class B” Liquor & Class “B” Fermented Malt Beverage)

<u>NAME</u>	<u>BUSINESS NAME</u>	<u>ADDRESS</u>
Ashland Baking Company, Inc.	Black Cat Coffeehouse	211 Chapple Ave.
Bay Area Civic Center, Inc.	Bay Area Civic Center (BACC)	320 4th Ave. W.
Bay City Cultural Center	Bohemian Hall	319 11 th Ave. E.
Besuga Taverns, Inc.	Harbor Bar	1222 Lake Shore Dr E.
Chequamegon Hotel, LLC	Hotel Chequamegon	101 W. Lake Shore Drive
CJ White, Inc.	Niblick Bar & Grill	3000 Golf Course Road
Compass Group USA, Inc.	Chartwells	Ponzio Campus Center, 1411 Ellis
DOS DE ORO, LLC	El Dorado	2320 Lake Shore Drive West
E Triple J, Inc.	Neighborly Bar	1301 W. Main Street
Hanson, Bradley Alan	The 5th Quarter	301 Main St. E.
Hugo’s, Inc.	Hugo’s	221 Sanborn Avenue
J & P King Family Enterprises, Inc.	Mugs	515 Main Street East
JCDOC LLC	The Safari	423 Main Street East
Monroe, Jr., James Smith	Office Bar	407 Main St. W.
New China Restaurant, Inc.	New China Restaurant	300 W. Lake Shore Drive
NRS Enterprises of Ashland LLC	Stagecoach Bar & Grill	315 Main Street East
Pizza Pub of Ashland, Inc.	The Pizza Pub	1402 East Lake Shore Dr
Sanctuary Holdings LLC (Res 2)	Chapel on Third Event Center	620 Third Street West
Scott & Ar’s, LLC	Scott & Ar’s	612-614 Main St. W.
Scribner, Todd Michael	Oredocker Saloon	1104 Lake Shore Drive East
Second Street Bistro LLC	Second Street Bistro	201 Main Street East

Social Well LLC (Res 1)	The Well	315 Turner Road
Solstice Outdoors LLC	Sandbar	2521 Lake Shore Drive West
The Deepwater LLC	Wilmarth's Deep Water Grille	808 West Main Street
Zenith Asset Company, LLC	AmericInn	3009 N. Lake Shore Drive E.

Class A Combination License ("Class A" Liquor & Class "A" Fermented Malt Beverage)

<u>NAME</u>	<u>BUSINESS NAME</u>	<u>ADDRESS</u>
Jay Ma Ambaji, Inc.	Star Liquor	821 Main St. W.
KRPS, Inc.	Super H Foods	511 East Main Street
Super One Liquor, LLC	Super One Liquor #805	505 Ellis Avenue
Tastes of Wisconsin LLC	Tastes of Wisconsin LLC	420 Lake Shore Drive East

"Class A" Intoxicating Liquor (Cider Only) License

<u>NAME</u>	<u>BUSINESS NAME</u>	<u>ADDRESS</u>
Chequamegon Food Cooperative	Chequamegon Food Cooperative	700 Main Street West
Coffey, Inc.	Lake Shore Holiday	915 Lake Shore Drive West
Indianhead Oil Co., LLC	Holiday Stationstore #459	110 Ellis Avenue
Krist Oil Company	Krist Food Mart #65	521 Lake Shore Drive E.
Kwik Trip, Inc.	Kwik Trip 163	515 Ellis Avenue
Kwik Trip, Inc.	Kwik Trip 118	2300 Lake Shore Drive East
Kwik Trip, Inc.	Kwik Trip 110	1814 Lake Shore Drive West
Midland Services, Inc.	Midland Services, Inc.	411 Sanborn Avenue
Wagner Ashland Shell, LLC	Ashland Shell	810 Lake Shore Drive West

Class “B” Fermented Malt Beverage

Frankies Pizza LLC	Frankie’s Pizza	1315 Lake Shore Drive E
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“Class C” Wine License

Frankies Pizza LLC	Frankie’s Pizza	1315 Lake Shore Drive E.
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Class “A” Retail - Fermented Malt Beverage License

<u>NAME</u>	<u>BUSINESS NAME</u>	<u>ADDRESS</u>
Chequamegon Food Cooperative	Chequamegon Food Cooperative	700 Main Street West
Coffey, Inc.	Lake Shore Holiday	915 Lake Shore Drive West
Indianhead Oil Co., LLC	Holiday Stationstore #459	110 Ellis Avenue
Krist Oil Co.	Krist Food Mart #65	521 Lake Shore Drive E.
Kwik Trip, Inc.	Kwik Trip 163	515 Ellis Avenue
Kwik Trip, Inc.	Kwik Trip 118	2300 Lake Shore Drive East
Kwik Trip, Inc.	Kwik Trip 110	1814 Lake Shore Drive West
Midland Services, Inc.	Midland Services, Inc.	411 Sanborn Avenue
River Rock Inn and Bait Shop LLC	River Rock Inn and Bait Shop	1200 West Lake Shore Drive
Wagner Ashland Shell, LLC	Ashland Shell	810 Lake Shore Drive West

MISCELLANEOUS LICENSE RENEWAL APPLICANTS

July 1, 2020 – June 30, 2021

ARCADE LICENSE

National Entertainment Network, LLC

2500 Lake Shore Drive East
(Wal-Mart)

MOBILE HOME PARK LICENSE

Fernco Development, Ltd; Lenco
Development, Ltd.;
and Norco Development Ltd.

Whispering Pines Trailer Court
1600 8th St. West

*(a parcel of land located in SE SW Section 5
T47N Range 4 W; including part of Block 116,
Ashland Proper)*

Fernco Development, Ltd; Lenco
Development, Ltd.;
and Norco Development Ltd.

Kenwood Terrace Trailer Court
145 Cedar Street

(Block 27, Lake Shore Addition)

PAWNBROKER LICENSE

Bay Area Pawn, Inc.

(Frank J. Kostka)

421 West Lake Shore Drive

RECYCLING FACILITY/SALVAGE OPERATION LICENSE

Eagle Waste & Recycling, Inc.

405 Industrial Park Road

Waste Management

600 Industrial Park Road

Chicago Iron & Supplies, Inc.

701 22nd Ave. E.

C.W.O. Auto & Scrap Removal, Inc.

2805 Holmes Road & 202 Prentice
Avenue

TAXICAB LICENSE

Ashland Drives Taxi

(Sarah Bowker & Jamie Nelson) 522 Willis Avenue

Find yourself next to the water.

ASHLAND

City of Ashland, Wisconsin

601 Main Street West — Ashland, WI 54806 — www.coawl.org



To: Denise Oliphant, Clerk

From: James C. Gregoire, Chief of Police

Date: May 29th 2020

Ref: License Renewals

All current liquor license holders and coin operated license holders have been inspected and are in compliance as required by City Ordinance. A few license holders were not able to be inspected as they are not operating due to Covid or have not opened yet.

Those who have not been inspected are:

Black Cat Coffeehouse, closed for renovation

Bay Area Civic Center

Bohemian Hall

Harbor Bar

Chartwells (Northland College Ponzio Center)

Chapel on Third Event Center

The Well, formerly The Platter

Tastes of Wisconsin, not open yet.

Bay Area Pawn has been inspected and is in compliance as required by City Ordinance.

Chicago Iron & Supplies, Waste Management, Eagle Waste, and CWO Auto and Scrap Removal, LLC have been inspected and are in compliance as required by City Ordinance.

Kenwood Terrace and Whispering Pines Mobile Home Park have been inspected and are in compliance as required by City Ordinance. (Fernco Development, Ltd.,)

Ashland Taxi Service has been inspected and in compliance as required by City Ordinance.

I recommend approval for all licenses.

A handwritten signature in black ink, appearing to read "James C. Gregoire".

James C. Gregoire,
Chief of Police

City of Ashland Police Department, 601 Main Street West, Ashland, WI 54806
Phone (715) 682-7062 Fax (715) 682-7051

ASHLAND

City of Ashland Inspection Report

Dept. of Planning & Development
601 Main Street West
715-682-7041

Inspection Date: 3/27/20 3/28/20	Time: 4:15 P.M. 12:30 P.M.	Project: ANNUAL LICENSE RENEWAL / MOBILE HOME PARK	Inspector: Stephen Schraufnagel UDC- Construction, HVAC, A.I.A., Electrical, Plumbing Commercial Building- Credential ID No. 641330 State of WI Registered Home Inspector No. 536-106 State of WI Registered Architect No. 6753-5
Owner: FERNO, NORCO, LENO DEVELOPMENT, LTD PARCEL No. 03424 - 0000			Contact: Phone: 715-209-6372 Email: stephenschrauf@gmail.com
Address/Location of Inspection: KENWOOD TERRACE COMMUNITY { 18TH AVE E. & MAIN ST E ASHLAND, WI			Contact Name: GEORGE / MARY Contact Phone: (715) 682-5359
Contractor's Name: (MANAGERS) GEORGE & MARY BOWERS			Address: 54806
Inspection Type: ☐ Footings/Foundation ☐ Electrical ☐ HVAC ☐ Rough Framing/Building ☐ Plumbing ☐ Final ☒ Other: SITE			
An inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). ☒ N/A			
Site conditions: 3/27/20 SUNNY; TEMP. 47°F; WIND: 8 MPH W; 2-3"			
Persons present during inspection: SEVERAL MOBILE HOME OWNERS OF SNOW WAS ON THE GROUND.			
Applicable codes: UDO CHAPTER 781 & 871 MOBILE HOME PARKS (M.H.P.)			
Findings Required by City Ordinance and/or State of WI Building Code:			
1. THE ENTIRE PROPERTY WAS WALKED AND THE FOLLOWING VIOLATIONS MUST BE REPAIRED, OR UPGRADED AS SOON AS POSSIBLE. (SEE THE ATTACHED EXHIBIT "A") (CONT'D)			
UNTIL REPAIRS ARE MADE			
This building is apparently suitable for occupancy: ☐ Permanent Occupancy ☒ Temporary Occupancy ☐ No			
This building must be reinspected prior to occupancy: ☒ Yes ☐ No ☐ N/A			
Inspector's Signature: 			
Copies of Report given to: ☒ Owner ☐ Contractor ☒ File ☒ City of Ashland ☐ Other			

2. THE APPROXIMATE AGE OF THIS MOBILE HOME PARK IS 40-50 YEARS OLD.
3. THERE ARE APPROXIMATELY 110 LOTS FOR MOBILE HOMES TO BE PLACED IN THIS MOBILE HOME PARK. ABOUT 90% OF THE LOTS ARE BEING USED.
4. APPROXIMATELY 420 PHOTOS WERE TAKEN AND ARE AVAILABLE UPON REQUEST.
5. THIS BUILDING INSPECTOR WOULD BE AVAILABLE, UPON REQUEST, TO POINT OUT ALL OF THE NOTED VIOLATIONS THAT NEED TO BE REPAIRED, OR UPGRADED.
6. NO VISIBLE UPGRADES HAVE BEEN MADE TO THIS M.H.P. OVER THE PAST YEAR!

EXHIBIT "A"

RE: KENWOOD TERRACE COMMUNITY

1. THERE WERE SEVERAL MOBILE HOMES WITHOUT HOUSE NUMBERS ON THEM, OR THEIR NUMBERS CANNOT BE READILY SEEN.
2. THERE ARE SEVERAL ENTER STAIRWAYS AND DECKS THAT ARE MISSING HAND RAILINGS AND GUARD RAILING SYSTEMS. SEVERAL OF THE STAIRWAYS AND DECKS ARE UNSTABLE AND/OR ARE LISTING (OUT OF ALIGNMENT).

SEVERAL OF THE STAIRS HAVE UNEVEN RISER AND TREAD DEPTHS.
3. THERE ARE SEVERAL STORAGE BUILDINGS AND GARAGES THAT EN CROACH ON PROPER PROPERTY LINE SETBACK REQUIREMENTS.
4. THERE ARE SEVERAL MOBILE HOMES THAT HAVE DAMAGED, BENT, OR MISSING SKIRTING.

5. A FEW NATURAL GAS COVERS ARE DAMAGED.
6. SEVERAL OF THE ATTACHMENTS TO THE MOBILE HOMES ARE LIGHTLY FRAMED AND DO NOT COMPLY WITH THE STRUCTURAL INTEGRITY OF THE BUILDING CODE.
7. SEVERAL ENTRY DOORS ARE IMPROPERLY INSTALLED, MISSING GLASS, OR HAVE BROKEN FRAMES / GLASS.
8. SEVERAL SITE AREAS AROUND THE MOBILE HOME PARK ARE POORLY DRAINED AND ALLOW FOR EXCESSIVE STORMWATER TO BECOME STAGNANT.
9. THERE ARE MANY AREAS OF DAMAGED BLACK TOP (BITUMINOUS PAVING) THAT NEEDS REPAIR, REPLACEMENT, AND /OR UPGRADES DONE TO IT.
10. SEVERAL ELECTRICAL DISCONNECTS AND METER BASES ARE LISTING, LAYING ON THE GROUND, OR ARE DAMAGED.

11. SEVERAL OF THE MOBILE HOME PARK'S STREETS ARE NOT PROPERLY IDENTIFIED.
12. SEVERAL OF THE MOBILE HOME PARK'S WATER SHUTOFF AND SANITARY SEWER COVERS ARE MISSING AND NEED TO BE INSTALLED.
13. SEVERAL MOBILE HOMES HAD LARGE AMOUNTS OF GARBAGE BEING STORED ON THEIR PORCHES, DECKS, OR IN THEIR YARDS.
14. SEVERAL OF THE MOBILE HOMES ARE NOT PROPERLY TIED DOWN TO PREVENT HIGH WIND UPLIFT FROM DAMAGING, OR DESTROYING THEM.

15. THERE ARE MANY TREES THAT NEED TO BE TRIMMED, OR IN SOME CASES THEY NEED TO BE REMOVED, AS THEY POSE A SAFETY ISSUE.
16. THE STORAGE BUILDINGS WHERE THE NATURAL GAS METERS AND THE ELECTRICAL METER BASES ARE ATTACHED TO, ARE IN VERY POOR CONDITION AND NEED TO BE REPAIRED, OR REBUILT. THESE BUILDINGS HAVE TREES GROWING UP THROUGH THEM. THEY ARE LISTING AND ARE STRUCTURALLY UNSTABLE.
17. THE ROADS IN GENERAL, ARE IN POOR CONDITION IN THIS MOBILE HOME PARK. UPGRADES TO THE ROADS NEED TO BE DONE IMMEDIATELY.
18. THE MINI-STORAGE FACILITY IS IN NEED OF ADDITIONAL CRUSHED ROAD GRAVEL ADDED AND NEW SHINGLES INSTALLED ON THE ROOF.

ASHLAND

City of Ashland Inspection Report

Dept. of Planning & Development
601 Main Street West
715-682-7041

Inspection Date: <u>3/27/20</u> <u>3/28/20</u>	Time: <u>2:30 P.M.</u> <u>11:30 A.M.</u>	Project: <u>ANNUAL LICENSE</u> <u>RENEWAL / MOBILE HOME</u> <u>PARK</u>	Inspector: Stephen Schraufnagel UDC- Construction, HVAC, A.I.A., Electrical, Plumbing Commercial Building- Credential ID No. 641330 State of WI Registered Home Inspector No. 536-106 State of WI Registered Architect No. 6753-5
Owner: <u>FERNO, NORCO, LENO DEVELOPMENT, LTD</u>		PARCEL NO: <u>04732-0000</u>	Contact: Phone: <u>715-209-6372</u> Email: <u>stephenschrauf@gmail.com</u>
Address/Location of Inspection: <u>WHISPER PINES COMMUNITY</u> { <u>8TH. AVE W &</u> <u>17TH. AVE W</u> <u>ASHLAND, WI. 54806</u>			
Contractor's Name: (MANAGERS) <u>GEORGE & MARY BOWERS</u>		Address	Contact Name: <u>GEORGE / MARY</u> Contact Phone: <u>(715) 682-5359</u>
Inspection Type:	☐ Footings/Foundation	☐ Electrical	☐ HVAC
	☐ Rough Framing/Building	☐ Plumbing	☐ Final
			☒ Other: <u>SITE</u>
An inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). <u>X</u> N/A			
Site conditions: <u>3/27/20</u> <u>SUNNY</u> ; <u>TEMP: 55°F</u> ; <u>WIND: 8 MPH W</u> ; <u>2-3" of</u>			
Persons present during inspection: <u>SEVERAL MOBILE HOME OWNERS</u> <u>SNOW WAS ON</u>			
Applicable codes: <u>UDO CHAPTER 781 & 871</u> <u>MOBILE HOME PARKS (MHP)</u> <u>THE GROUND.</u>			
<u>Findings Required by City Ordinance and/or State of WI Building Code:</u>			
1. THE ENTIRE PROPERTY WAS WALKED AND THE FOLLOWING <u>VIOLATIONS</u> MUST BE REPAIRED, OR UPGRADED AS SOON AS POSSIBLE. (SEE THE ATTACHED EXHIBIT "A") (CONT'D)			
UNTIL REPAIRS ARE MADE			
This building is apparently suitable for occupancy: ☐ Permanent Occupancy ☒ Temporary Occupancy ☐ No			
This building must be reinspected prior to occupancy: ☒ Yes ☐ No ☐ N/A			
Inspector's Signature: <u>[Signature]</u>			
Copies of Report given to: ☒ Owner ☐ Contractor ☒ File ☒ City of Ashland ☐ Other			

2. THE APPROXIMATE AGE OF THIS MOBILE HOME PARK IS 40-50 YEARS OLD.
3. THERE ARE APPROXIMATELY 55 LOTS FOR MOBILE HOMES TO BE PLACED IN THIS MOBILE HOME PARK. ABOUT 90% OF THE LOTS ARE BEING USED.
4. APPROXIMATELY 280 PHOTOS WERE TAKEN AND ARE AVAILABLE UPON REQUEST.
5. THIS BUILDING INSPECTOR WOULD BE AVAILABLE, UPON REQUEST, TO POINT OUT ALL OF THE NOTED VIOLATIONS THAT NEED TO BE REPAIRED, OR UPGRADED.
6. NO VISIBLE UPGRADES HAVE BEEN MADE TO THIS M.H.P. OVER THE PAST YEAR!

EXHIBIT "A"

RE: WHISPER PINES COMMUNITY

1. THERE WERE SEVERAL MOBILE HOMES WITHOUT HOUSE NUMBERS ON THEM, OR THEIR NUMBERS CANNOT BE READILY SEEN.
2. THERE ARE SEVERAL ENTER STAIRWAYS AND DECKS THAT ARE MISSING HAND RAILINGS AND GUARD RAILING SYSTEMS. SEVERAL OF THE STAIRWAYS AND DECKS ARE UNSTABLE AND/OR ARE LISTING (OUT OF ALIGNMENT).

SEVERAL OF THE STAIRS HAVE UNEVEN RISER AND TREAD DEPTHS.
3. THERE ARE SEVERAL STORAGE BUILDINGS AND GARAGES THAT EN CROACH ON PROPER PROPERTY LINE SETBACK REQUIREMENTS.
4. THERE ARE SEVERAL MOBILE HOMES THAT HAVE DAMAGED, BENT, OR MISSING SKIRTING.

5. A FEW NATURAL GAS COVERS ARE DAMAGED.
6. SEVERAL OF THE ATTACHMENTS TO THE MOBILE HOMES ARE LIGHTLY FRAMED AND DO NOT COMPLY WITH THE STRUCTURAL INTEGRITY OF THE BUILDING CODE.
7. SEVERAL ENTRY DOORS ARE IMPROPERLY INSTALLED, MISSING GLASS, OR HAVE BROKEN FRAMES / GLASS.
8. SEVERAL SITE AREAS AROUND THE MOBILE HOME PARK ARE POORLY DRAINED AND ALLOW FOR EXCESSIVE STORMWATER TO BECOME STAGNANT.
9. THERE ARE MANY AREAS OF DAMAGED BLACK TOP (BITUMINOUS PAVING) THAT NEEDS REPAIR, REPLACEMENT, AND /OR UPGRADES DONE TO IT.
10. SEVERAL ELECTRICAL DISCONNECTS AND METER BASES ARE LISTING, LAYING ON THE GROUND, OR ARE DAMAGED.

11. SEVERAL OF THE MOBILE HOME PARK'S STREETS ARE NOT PROPERLY IDENTIFIED.
12. SEVERAL OF THE MOBILE HOME PARK'S WATER SHUTOFF AND SANITARY SEWER COVERS ARE MISSING AND NEED TO BE INSTALLED.
13. SEVERAL MOBILE HOMES HAD LARGE AMOUNTS OF GARBAGE BEING STORED ON THEIR PORCHES, DECKS, OR IN THEIR YARDS.
14. SEVERAL OF THE MOBILE HOMES ARE NOT PROPERLY TIED DOWN TO PREVENT HIGH WIND UPLIFT FROM DAMAGING, OR DESTROYING THEM.

ASHLAND

City of Ashland Inspection Report

Dept. of Planning & Development
601 Main Street West
715-682-7041

Inspection Date:

3/31/20

Time:

NOON

Project: ANNUAL LICENSE

RENEWAL / RECYCLING &

Inspector:

Stephen Schraufnagel

UDC- Construction, HVAC, A.I.A., Electrical, Plumbing
Commercial Building- Credential ID No. 641330
State of WI Registered Home Inspector No. 536-106
State of WI Registered Architect No. 6753-5

Owner:

EAGLE WASTE 8 RECYCLING, INC. SALVAGE

Address/Location of Inspection:

405 INDUSTRIAL PARK ROAD, ASHLAND, WI. 54806

Contact:

Phone: 715-209-6372

Email: stephenschrauf@gmail.com

Contractor's Name:

N/A

Address

Contact Name: RECEPTIONIST

Contact Phone: (715) 477-0077

Inspection Type:

☐ Footings/Foundation☐ Electrical☐ HVAC☐ Rough Framing/Building☐ Plumbing☐ Final☒ Other: SITEAn inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). ☒ N/A

Site conditions:

PARTLY CLOUDY; A FEW BANKS OF SNOW ARE ON THE GROUND; TEMP 37°F;

Persons present during inspection:

SEVERAL YARD WORKERS AND OFFICE, WIND: 12 MPH NE

Applicable codes:

UDO 701; SECTION 5.3 INDUSTRIAL USES. RECEPTIONIST

Findings Required by City Ordinance and/or State of WI Building Code:

1. THE ENTIRE PROPERTY WAS WALKED AND ALL WAS FOUND TO BE IN SATISFACTORY CONDITION, EXCEPT FOR THE FOLLOWING VIOLATIONS:

(CONT'D)

This building is apparently suitable for occupancy: ☒ Permanent Occupancy☐ Temporary Occupancy☐ No

This building must be reinspected prior to occupancy:

☒ Yes ^{ANNUALLY}☐ No☐ N/A

Inspector's Signature:



Copies of Report given to:

☒ Owner☐ Contractor☒ File☒ City of Ashland☐ Other

- A. 192 LIN. FT. OF FENCE SLATS ARE REQUIRED BETWEEN THE TWO (2) EAST SIDE GATES. RECYCLING AND DEBRIS STORAGE CONTAINERS ARE TO BE REASONABLY KEPT FROM THE VIEW OF THE OUTSIDE TRAFFIC.
- B. SOME FENCING NEEDS REALIGNMENT ON THE SOUTHWEST PERIMETER OF THE PROPERTY.
- C. ALL LOOSE DEBRIS SHOULD BE PICKED UP PERIODICALLY AROUND THE PROPERTY.
2. 95% OF THE RECYCLING MATERIALS ARE KEPT INDOORS, UNDER ROOF.
3. PHOTOS WERE TAKEN.

Inspection Date: <u>3/31/20</u>	Time: <u>1:00 P.M.</u>	Project: <u>ANNUAL LICENSE RENEWAL / RECYCLING & SALVAGE</u>	Inspector: Stephen Schraufnagel UDC- Construction, HVAC, A.I.A., Electrical, Plumbing Commercial Building- Credential ID No. 641330 State of WI Registered Home Inspector No. 536-106 State of WI Registered Architect No. 6753-5
Owner: <u>WASTE MANAGEMENT</u>	Address/Location of Inspection: <u>510 INDUSTRIAL PARK RD ASHLAND, M. 54006</u>		Contact: Phone: 715-209-6372 Email: <u>stephenschrauf@gmail.com</u>
Contractor's Name: <u>N/A</u>	Address	Contact Name: <u>TOM CASCIO</u>	Contact Phone: <u>(715) 602-6256</u>
Inspection Type:	☐ Footings/Foundation	☐ Electrical	☐ HVAC
	☐ Rough Framing/Building	☐ Plumbing	☐ Final
		☒ Other: <u>SITE</u>	
An inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). <u>X</u> N/A			
Site conditions: <u>PARTLY CLOUDY; TEMP. 37°F; A FEW BANKS OF SNOW REMAIN ON THE GROUND; WIND: 12 MPH NE</u>			
Persons present during inspection: <u>TOM CASCIO, SR. ROUTE MGR. WITH SEVERAL YARD WORKERS.</u>			
Applicable codes: <u>UDC 781; SECTION 5.3 IND. USES</u>			
<u>FINDINGS REQUIRED BY CITY ORDINANCE AND/OR STATE OF WI BUILDING CODE:</u>			
1. THE ENTIRE PROPERTY WAS WALKED AND ALL WAS FOUND TO BE IN <u>SATISFACTORY</u> CONDITION, EXCEPT FOR THE FOLLOWING VIOLATIONS:			
(CONT'D)			
This building is apparently suitable for occupancy: ☒ Permanent Occupancy <u>ANNUALLY</u> ☐ Temporary Occupancy ☐ No			
This building must be reinspected prior to occupancy: ☒ Yes ☐ No ☐ N/A			
Inspector's Signature: 			
Copies of Report given to: ☒ Owner ☐ Contractor ☒ File ☒ City of Ashland ☐ Other			

- A. THE SOUTH WEST CORNER OF THE PERIMETER FENCING HAD BEEN HIT BY A VEHICLE, OVER $1\frac{1}{2}$ YEARS AGO. THIS FENCING MUST BE PROPERLY REPAIRED, OR REPLACED.
2. THIS RECYCLING PLANT IS NO LONGER OPEN TO THE GENERAL PUBLIC, FOR DROPPING OFF WASTE, OR RECYCLED ITEMS.
3. 95% OF THE WASTE AND RECYCLING MATERIALS ARE KEPT IN DOORS, UNDER ROOF.
4. RECYCLING IS BEING STORED ON SOUTH SIDE OF BUILDING.
5. A NEW ENTRY GATE (ON ROLLERS) WAS INSTALLED IN THE PAST YEAR.
6. GARBAGE GOES TO EAGLE WASTE AND RECYCLING GOES TO ONTONAGON, MI.
7. PHOTO'S HAVE BEEN TAKEN.

ASHLAND

City of Ashland Inspection Report

Dept. of Planning & Development
601 Main Street West
715-682-7041

Inspection Date:

4/1/20

Time:

4:15 P.M.

Project: ANNUAL LICENSE

RENEWAL / RECYCLING &
SALVAGE

Inspector:

Stephen Schraufnagel

UDC- Construction, HVAC, A.I.A., Electrical, Plumbing

Commercial Building- Credential ID No. 641330

State of WI Registered Home Inspector No. 536-106

State of WI Registered Architect No. 6753-5

Owner:

CHICAGO IRON & SUPPLIES, INC.

Address/Location of Inspection:

702 22ND. AVE EAST, ASHLAND, WI.

Contact:

Phone: 715-209-6372

Email: stephenschrauf@gmail.com

Contractor's Name:

N/A

Address

54806

Contact Name:

LLOYD ORENSTEN

Contact Phone:

(715) 682-3011

Inspection Type:

☐ Footings/Foundation☐ Electrical☐ HVAC☐ Rough Framing/Building☐ Plumbing☐ Final☒ Other: SITEAn inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). ☒ N/A

Site conditions:

SUNNY; TEMP. 43°F; WIND: 16 MPH NE

Persons present during inspection:

LLOYD ORENSTEN & SEVERAL FIELD WORKERS

Applicable codes:

UDO 781; SECTION 5.3 INDUSTRIAL USES

Findings Required by City Ordinance and/or State of WI Building Code:

1. THE ENTIRE PROPERTY WAS WALKED .
ALL THE FENCING, FENCING SLATS
AND THE PARTIAL PERIMETER BERM
WALL WAS FOUND TO BE IN
SATISFACTORY CONDITION.

(CONT'D)

This building is apparently suitable for occupancy: ☒ Permanent Occupancy☐ Temporary Occupancy☐ No

This building must be reinspected prior to occupancy:

☒ Yes☐ No☐ N/A

Inspector's Signature:



Copies of Report given to:

☒ Owner☐ Contractor☒ File☒ City of Ashland☐ Other

2. THE PARKING LOT AND DRIVEWAY (TO THE NORTH) WAS FIRM AND STABLE.
3. NO VIOLATIONS WERE NOTED. THIS RECYCLING FACILITY IS IN EXCELLENT CONDITION AND IS WELL MANAGED!
4. PHOTOS HAD BEEN TAKEN.

Inspection Date: <u>4 / 2 / 20</u>	Time: <u>11:30 A.M.</u>	Project: <u>ANNUAL LICENSE</u> <u>RENEWAL / RECYCLING</u> <u>& SALVAGE</u>	Inspector: Stephen Schraufnagel UDC- Construction, HVAC, A.I.A., Electrical, Plumbing Commercial Building- Credential ID No. 641330 State of WI Registered Home Inspector No. 536-106 State of WI Registered Architect No. 6753-5
Owner: <u>C.W.O. AUTO & SCRAP REMOVAL</u>			Contact: Phone: 715-209-6372 Email: <u>stephenschrauf@gmail.com</u>
Address/Location of Inspection: <u>MAIN OFFICE: 202 PRENTICE AVE / RECYCLING</u> <u>CENTER, HOLMES ROAD</u>			
Contractor's Name: <u>N/A</u>	Address: <u>ASHLAND, WI</u> <u>54006</u>	Contact Name:	Contact Phone: <u>(715) 682-0249</u>

Inspection Type: ☐ Footings/Foundation ☐ Electrical ☐ HVAC
☐ Rough Framing/Building ☐ Plumbing ☐ Final ☒ Other: SITE

An inspection of the above dwelling has disclosed the following violation(s) of the Wisconsin Uniform Dwelling Code (SPS 320-325). X N/A

Site conditions: SUNNY ; TEMP 45°F ; WIND : < 10 MPH NE

Persons present during inspection: NO ONE WAS PRESENT / CARD LEFT ON SITE.

Applicable codes: UDO 701 ; SECTION 5.3 INDUSTRIAL USES

Findings Required by City Ordinance and/or State of WI Building Code:

1. THE MAJORITY OF THE PROPERTY WAS WALKED AND ALL WAS FOUND TO BE IN SATISFACTORY CONDITION, EXCEPT FOR THE FOLLOWING VIOLATIONS :

(CONT'D)

This building is apparently suitable for occupancy: ☒ Permanent Occupancy ☐ Temporary Occupancy ☐ No

This building must be reinspected prior to occupancy: ☒ Yes ☐ No ☐ N/A

Inspector's Signature: [Signature]

Copies of Report given to: ☒ Owner ☐ Contractor ☒ File ☒ City of Ashland ☐ Other

- A. ALL PLASTIC BALES ARE TO BE REMOVED FROM OUTSIDE THE EAST SIDE GATE AREA AND ARE TO BE STORED BEHIND ALL PERIMETER FENCING.
- B. THE EAST SIDE ENTRYWAY'S SIGNAGE NEEDS TO BE REPAIRED AND PROPERLY DISPLAYED.
2. THE OWNER HAD GIVEN ME PERMISSION TO INSPECT THE PROPERTY. CONFIRMED BY PHONE.
3. THE ADDRESS INSPECTED WAS 2805 HOLMES RD., ASHLAND, WI. 54806
4. PHOTOS HAD BEEN TAKEN.
5. DRIVEWAY AND ACCESS ROADS WERE FIRM & STABLE.

\$10.00

65

Schedule for Appointment of Agent by Corporation / Nonprofit Organization or Limited Liability Company

Submit to municipal clerk.

All corporations/organizations or limited liability companies applying for a license to sell fermented malt beverages and/or intoxicating liquor must appoint an agent. The following questions must be answered by the agent. The appointment must be signed by an officer of the corporation/organization or one member/manager of a limited liability company and the recommendation made by the proper local official.

To the governing body of: ☐ Town
☐ Village of ASHLAND County of ASHLAND
☒ City

The undersigned duly authorized officer/member/manager of KRIST OIL COMPANY
(Registered Name of Corporation / Organization or Limited Liability Company)

a corporation/organization or limited liability company making application for an alcohol beverage license for a premises known as
KRIST FOOD MART #65

(Trade Name)
located at 521 LAKE SHORE DR. E. ASHLAND, WI 54806

appoints ROXANNE RIKKOLA
(Name of Appointed Agent)
411 14TH AVE. W. ASHLAND, WI 54806
(Home Address of Appointed Agent)

to act for the corporation/organization/limited liability company with full authority and control of the premises and of all business relative to alcohol beverages conducted therein. Is applicant agent presently acting in that capacity or requesting approval for any corporation/organization/limited liability company having or applying for a beer and/or liquor license for any other location in Wisconsin?

☐ Yes ☒ No If so, indicate the corporate name(s)/limited liability company(ies) and municipality(ies).

Is applicant agent subject to completion of the responsible beverage server training course? ☐ Yes ☒ No
How long immediately prior to making this application has the applicant agent resided continuously in Wisconsin? 33 YEARS

Place of residence last year 411 14TH AVE. W. ASHLAND, WI 54806

For: KRIST OIL COMPANY
(Name of Corporation / Organization / Limited Liability Company)
By: Krist Atanasoff
(Signature of Officer / Member / Manager)

Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

ACCEPTANCE BY AGENT

I, ROXANNE RIKKOLA, hereby accept this appointment as agent for the
(Print / Type Agent's Name)
corporation/organization/limited liability company and assume full responsibility for the conduct of all business relative to alcohol beverages conducted on the premises for the corporation/organization/limited liability company.

Roxanne Rikkola 2-20-20 Agent's age 57
(Signature of Agent) (Date)
411 14TH AVE. W. ASHLAND, WI 54806 Date of birth 06/24/1962
(Home Address of Agent)

APPROVAL OF AGENT BY MUNICIPAL AUTHORITY (Clerk cannot sign on behalf of Municipal Official)

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, the character, record and reputation are satisfactory and I have no objection to the agent appointed.

Approved on _____ by _____ Title _____
(Date) (Signature of Proper Local Official) (Town Chair, Village President, Police Chief)

Schedule for Appointment of Agent by Corporation / Nonprofit Organization or Limited Liability Company

Submit to municipal clerk.

All corporations/organizations or limited liability companies applying for a license to sell fermented malt beverages and/or intoxicating liquor must appoint an agent. The following questions must be answered by the agent. The appointment must be signed by an officer of the corporation/organization or one member/manager of a limited liability company and the recommendation made by the proper local official.

To the governing body of: ☐ Town ☐ Village of Ashland County of Ashland
☒ City

The undersigned duly authorized officer/member/manager of Super One Liquor, LLC
(Registered Name of Corporation / Organization or Limited Liability Company)

a corporation/organization or limited liability company making application for an alcohol beverage license for a premises known as Super One Liquor #805
(Trade Name)

located at 505 Ellis Avenue, Ashland, WI 54806

appoints Gregory J. Kremer
(Name of Appointed Agent)
6307 Hughitt Avenue, Superior, WI 54880
(Home Address of Appointed Agent)

to act for the corporation/organization/limited liability company with full authority and control of the premises and of all business relative to alcohol beverages conducted therein. Is applicant agent presently acting in that capacity or requesting approval for any corporation/organization/limited liability company having or applying for a beer and/or liquor license for any other location in Wisconsin?

☒ Yes ☐ No If so, indicate the corporate name(s)/limited liability company(ies) and municipality(ies).

Miner's Incorporated d/b/a Super One Foods

Is applicant agent subject to completion of the responsible beverage server training course? ☐ Yes ☒ No

How long immediately prior to making this application has the applicant agent resided continuously in Wisconsin? 23 years

Place of residence last year 6307 Hughitt Avenue, Superior, WI 54880

For: Miner's Incorporated

By:

James A. Miner
(Signature of Officer / Member / Manager)

Any person who knowingly provides materially false information in an application for a license may be required to forfeit not more than \$1,000.

ACCEPTANCE BY AGENT

I, Gregory J. Kremer, hereby accept this appointment as agent for the
(Print / Type Agent's Name)

corporation/organization/limited liability company and assume full responsibility for the conduct of all business relative to alcohol beverages conducted on the premises for the corporation/organization/limited liability company.

Gregory J. Kremer
(Signature of Agent)

March 25, 2020
(Date)

Agent's age 61

6307 Hughitt Avenue, Superior, WI 54880

(Home Address of Agent)

Date of birth 03/03/1959

APPROVAL OF AGENT BY MUNICIPAL AUTHORITY (Clerk cannot sign on behalf of Municipal Official)

I hereby certify that I have checked municipal and state criminal records. To the best of my knowledge, with the available information, the character, record and reputation are satisfactory and I have no objection to the agent appointed.

Approved on _____ by _____ Title _____
(Date) (Signature of Proper Local Official) (Town Chair, Village President, Police Chief)

Treasurer's Certificate

All applicants have been reviewed by the City Treasurer issuance of the respective licenses are contingent upon Treasurer's approval. The below were not in compliance as of May 29, 2020, and will be reviewed for final approval before licenses are issued.

Ashland Baking Company Inc	Utilities due
Chequamegon Hotel LLC	Utilities due
CJ White Inc	Utilities due, Real Estate Taxes due, Pers. Property Taxes due
Social Well LLC	Utilities due, Real Estate Taxes due, Pers. Property Taxes due, Sign Easement
Solstice Outdoors LLC	Real Estate Taxes due
KRPS Inc	Real Estate Taxes due
Wagner Ashland Shell LLC	Real Estate Taxes due
Frankies Pizza LLC	Utilities due
Bay Area Pawn	Utilities due