



Our intention is to have in-person meetings going forward. For the time being, we will hold the City Committee Meetings, Plan Commission, Council and most others at the Community Room at 933 Michigan Avenue. This in-person location will meet the legal requirement for our open meetings.

We will have a virtual option available, but the technology for the hybrid style meeting may not be reliable all of the time.

Members

- Mayor Wiza
- Alderperson Kneebone
- Commissioner Arntsen
- Commissioner Cooper
- Commissioner Ilten
- Commissioner Rice
- Commissioner Schuler

AGENDA

CITY PLAN COMMISSION

Date and Time:	April 3, 2023 6:00 PM	Location:	Community Room 933 Michigan Avenue, Stevens Point, WI
			<u>OR</u>
			<u>Zoom Teleconferencing</u>
			Meeting ID: 840 7916 2898 Passcode: 067460
			<u>By</u>
			<u>Computer:</u> https://us02web.zoom.us/j/84079162898?pwd=QnNmbFp4SzFTancwU0ZvUU
			<u>By Phone:</u> +1-312-626-6799 (US Chicago)

Opening Section:

1. Roll Call

Discussion and Possible Action on the Following:

2. Report of the March 6, 2023 meeting of the City Plan Commission.
3. Public Hearing and action on a request from Jim Buchholz, representing the University of Wisconsin Board of Regents, to rezone three unaddressed parcels off of Vine Street (Parcel ID 281240828100812, 281240828100115 & 281240828100737) from "R-2" Single Family Residential to "C" Conservancy.
4. Discussion and possible acceptance of the 2023 McDill Pond Management Plan.
5. Director's Report.
A verbal report will be provided during the meeting.

Closing Section:

PLEASE TAKE NOTICE that any person who has special needs while attending these meetings or needs agenda materials for these meetings should contact the City Clerk as soon as possible to ensure that a reasonable accommodation can be made. The City Clerk can be reached by telephone at (715) 346-1569 or by mail at 1515 Strongs Avenue, Stevens Point, WI 54481.

Maps further defining the above area(s) may be obtained from the City of Stevens Point Department of Community Development, 1515 Strongs Avenue, Stevens Point, WI 54481, or by calling (715) 346-1567, during normal business hours.

PLEASE TAKE FURTHER NOTICE that a quorum of the Common Council may be in attendance at this meeting.

6. Adjourn

REPORT OF CITY PLAN COMMISSION

March 6, 2022 – 6:00 PM

In-Person & Zoom Conference Call Meeting

PRESENT: Mayor Wiza, Alderperson Kneebone, Commissioner Arntsen, Commissioner Ilten, Commissioner Rice, and Commissioner Schuler.

ALSO PRESENT: Director Kernosky, Associate Planner/Zoning Administrator Kuhn, Planner Klesmith, Technician Mohr, Alderperson Christianson, Alderperson Shorr, Alderperson Keymer, Alderperson Zarazua, Alderperson Plaisance, Alderperson Fishler, Greg Bruckbauer, Susan Schuller, Bobbi Dainrow, Allison Birr, Carol Molepske, Mary Ann Laszewski, John Gardner, Bill Bushman, Butch Weege, Jim Lundberg, Daniel Dieterics, Sam Lang, Keith Kedrowski, Kris Leonhart, Michael Leischner, Nancy Roppe, Phyllis Carlson, Ray Cal, Trevor Roark, Tyler Ignatowski, Lynn Markham, and unidentified audience members via Virtual Zoom Meeting.

INDEX:

Opening Section:

1. Roll call.

Discussion and possible action on the following:

2. Report of the February 6, 2023 meeting of the City Plan Commission.
3. Public Hearing and action on a request from Susan Schuller for a conditional use permit to renovate an existing detached garage into an accessory dwelling unit on an unaddressed parcel off of Fourth Avenue (Parcel ID 281240830400909), consistent with Ch. 23.01(14).
4. Public Hearing and action on a request from Dave Wogernese, representing Growth Hotels LLC, for a conditional use permit to construct a hotel on an unaddressed parcel off of John Joanis Drive (Parcel ID 281230802400412), consistent with Ch. 23.02(2)(c)(3)(i).
5. Public Hearing and action on a request from Tyler Ignatowski for a conditional use permit to construct multiple duplexes on the property located at 2501 Minnesota Avenue (Parcel ID 281230804100204) and 2833 Patch Street (Parcel ID 281230804100203), consistent with Ch.23.01(13)(f).
6. Public Hearing and action on a request from Butch Weege, representing St. Paul's Lutheran Church, for a conditional use permit to construct an addition onto the parochial school located at 1919 Wyatt Avenue (Parcel ID 281240832404806) and 1901 Wyatt Avenue (Parcel ID 281240832404808) using modified street setback requirements, consistent with Ch. 23.02(1)(e)(3)(a) & Ch. 23.02(1)(d)(4).
7. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Sections 25.03 and 25.06 for the purpose of defining athletic field signage and outlining permitting requirements for such signs.
8. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.04(2) for the purpose of athletic field signs not being considered off-premises signs.
9. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.01(12) for the purpose of establishing a uniform addressing system for buildings located in the City of Stevens Point.
10. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 25.03 for the purpose of exempting identification signs from adhering to wall sign size limitations.

11. A request from Matt Schneider, representing Mid-State Technical College, for a sign variance to install two freestanding signs on the property located at 5000 Coye Drive (Parcel ID 281230802200043), consistent with Ch. 25.14.
12. A request from the City of Stevens Point to acquire three unaddressed parcels off of Maria Drive (Parcel ID 281240829240033, 281240829240046 & 281240829240047), consistent with Wis. Stats. 62.23(5).
13. A request from the City of Stevens Point to acquire the property located at 5498 Golla Road (Parcel ID 020240826-13.05) and an unaddressed parcel bounded by Golla Road and Regent Street (Parcel ID 020240826-14.03), consistent with Wis. Stats. 62.23(5).
14. A request from the City of Stevens Point to acquire five unaddressed parcels located off of Brilowski Rod and Old Highway 18 (Parcel ID 281240836320102, 020240836-11.01, 020230801-06.01, 020240836-12 & 020230801-05.01), consistent with Wis. Stats. 62.23(5).
15. Discussion only on a potential amendment to the Zoning Code's definition of 'family.'
16. February 2023 Monthly Report. Copies of the monthly report will be provided during the meeting.
17. Director's Report. *A verbal report will be provided during the meeting.*

Closing Section:

18. Adjourn.
-

Opening Section:

1. Roll call.

Present: Wiza, Kneebone, Arntsen, Ilten, Rice, Schuler

Excused: Cooper

Discussion and possible action on the following:

2. Report of the February 6, 2023 meeting of the City Plan Commission.

Motion by Commissioner Ilten to approve the report of the March 6, 2023 Plan Commission meeting with the following changes; seconded by Commissioner Arntsen.

Motion carried 6-0.

3. Public Hearing and action on a request from Susan Schuller for a conditional use permit to renovate an existing detached garage into an accessory dwelling unit on an unaddressed parcel off of Fourth Avenue (Parcel ID 281240830400909), consistent with Ch. 23.01(14).

Associate Planner/Zoning Administrator Kuhn summarized the request for a conditional use permit to renovate an existing 672 square feet detached garage into a 2-bedroom, 1 bathroom accessory dwelling unit off of Fourth Avenue. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Susan Schuller (148 Fourth Ave), applicant and homeowner, reiterated that the requested largely revolved around having additional care options for aging parents. They made themselves available for questioning.

Nancy Roppe (925 Smith St) provided prepared testimony against the request, noting ADU's were largely promoting incremental change in increased rental occupancy so people wouldn't notice the further relaxation of occupancy laws.

Aldersperson Zarazua (District Four), district representative for applicant, spoke in favor of the request, noting the applicant was utilizing a legal and available pathway under the ordinance.

Trevor Roark (601 Washington Ave) mirrored Aldersperson Zarazua's sentiments, noting the City needed to get creative with housing.

Carol Molepske (2125 Clark St) stated that while they were historically against ADU/ACUs, the current request was a perfect situation and didn't seem like it would affect neighbors, she was supportive.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Requested confirmation that the CUP would stay with the property, to which that was confirmed accurate.
- Requested clarification on whether the ADU path was being pursued instead of a standalone Single-Family Home to due size restrictions, to which staff confirmed accurate as the minimum residence would need to be 900 square feet.
- Inquiry as to whether it was the City's first restrictive agreement of this nature, to which staff confirmed accurate. Once drafted, a copy would be made available to commissioners for their information.
- Clarification that the improvements would need to meet current building code requirements, to which staff confirmed accurate, and that the Building Inspection staff would be heavily involved in the process.
- Requested clarification that it wasn't the commission's purview to judge motive, but rather view the request against the standards of review, to which staff confirmed accurate.

Motion by Commissioner Arntsen to approve the request from Susan Schuller for a conditional use permit to renovate an existing detached garage into an accessory dwelling unit on an unaddressed parcel off of Fourth Avenue (Parcel ID 281240830400909), consistent with Ch. 23.01(14) with the following:

1. **The subject parcel shall be combined with the property located at 148 Fourth Avenue (Parcel ID 281240830400910).**
2. **Separate utility connections shall be installed to accommodate the accessory dwelling unit.**
3. **A restrictive agreement between the property owner and the City, as required in Ch. 23.01(14)(g), shall be recorded with the Portage County Register of Deeds Office prior to occupancy of the accessory dwelling unit being granted.**
4. **Staff shall have the ability to approve minor amendments to the proposed plan.**

seconded by Commissioner Schuler

Motion carried 6-0.

4. Public Hearing and action on a request from Dave Wogernese, representing Growth Hotels LLC, for a conditional use permit to construct a hotel on an unaddressed parcel off of John Joanis Drive (Parcel ID 281230802400412), consistent with Ch. 23.02(2)(c)(3)(i).

Associate Planner/Zoning Administrator Kuhn summarized the request for a conditional use permit to construct an approximately 15,540 square feet, 4-story hotel on an unaddressed parcel off John Joanis Drive. There were also plans to split the parcel into two parcels in the future. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report. It was noted that the City was working jointly with Portage County on the request.

Mayor Wiza declared the public hearing open.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Inquiry referring to Condition #1 on the meaning of 'NOI', to which it was confirmed as 'Notice of Intent' requirements.
- Comment that having a hotel within the Portage County Business Park had been a longtime desire.
- Inquiry on the proposed lot split. While staff was not able to discuss what the proposed split parcel would be or look like, it was detailed that the original intent since the creation of the park was to have a planned shared driveway to service the property and that to the south.

Motion by Alderperson Kneebone to approve the request from Dave Wogernese, representing Growth Hotels LLC, for a conditional use permit to construct a hotel on an unaddressed parcel off of John Joanis Drive (Parcel ID 281230802400412), consistent with Ch. 23.02(2)(c)(3)(i) with the following:

1. The applicant shall meet DNR NOI requirements.
2. A sprinkler plan shall be submitted, subject to the review and approval of the City Fire Marshal.
3. An additional fire hydrant shall be installed on the property, subject to the review and approval of the City Fire Marshal.
4. The applicant shall increase the thickness of proposed parking lot surfacing to be suitable for fire truck apparatus.
5. The proposed development shall adhere to applicable provisions of the Portage County Business Park's Deed Restrictions and Protective Covenants.
6. Additional details as to the size of sewer and water mains shall be submitted to Public Utilities staff for review and approval.
7. A certified survey map shall be produced for the proposed lot split, subject to the review and approval of City staff.
8. The applicant shall provide additional details as to the floor area of conference rooms, banquet halls and restaurant space within the hotel. If additional parking stalls are required to comply with parking ratio requirements, these additional parking stalls shall adhere to applicable provisions of the City's Zoning Code.
9. A sign package shall be submitted for proposed freestanding and wall signage, subject to the review and approval of the Zoning Administrator.
10. Internal sidewalks shall be installed on the subject property to connect the parking lot with sidewalk infrastructure within the Carrie Frost Drive Right-of-Way.
11. Installation of eight (8) level 2 electric vehicle charging stations shall be installed consistent with the development agreement.
12. Bicycle parking shall be provided, subject to the review and approval of the Zoning Administrator.
13. Staff shall have the ability to approve minor amendments to the site plan.

seconded by Commissioner Ilten

Motion carried 6-0.

5. Public Hearing and action on a request from Tyler Ignatowski for a conditional use permit to construct multiple duplexes on the property located at 2501 Minnesota Avenue (Parcel ID 281230804100204) and 2833 Patch Street (Parcel ID 281230804100203), consistent with Ch.23.01(13)(f).

Associate Planner/Zoning Administrator Kuhn summarized the request for a conditional use permit to construct nine duplexes on the property located at 2501 Minnesota Avenue. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Mary Ann Laszewski (1209 Wisconsin St) provided prepared testimony for concerns with the building orientation facing Patch Street, noting the need to protect curb appeal and have storage guidelines, as well as clarification if there were ordinances to dictate the orientation of the building. The current orientation could pose potential hazards for pedestrians and residents.

Mayor Wiza declared the public hearing closed.

Staff noted that while there were existing regulations to dictate which face fronted the street, a later agenda item would help bridge those concerns. Additionally, screening requirements would help in providing a buffer and separation between the properties and right-of-way. For the façade curb appeal, the applicant had already updated the plans to meet façade stone requirements.

Commissioners made the following comments:

- Inquiry on why the turnaround on the site plan was proposed to be gravel instead of the same surface treatment as the rest of the development. Staff explained that gravel was permitted by right and came with additional requirements to prevent gravel spread. The area would also be utilized as a turnaround and for trash pickup.
- Concern presented for again supporting multiple buildings onto one parcel, noting that there had been previous discussions on similar developments in the past, and frequently within the last year. The type of dense development controlled by one landlord made it effectively impossible for single family homeowners or individuals to purchase a duplex and build equity. There was a back-and-forth discussion with staff about exploring opportunities to require separate parcels for each building, with staff explaining that the applicant was maximizing a practical application of the zoning code.
- Inquiry on lot line issues for the patios noted on the site plans, to which staff explained that patios could be within the required setback so long as it fell below 2 feet in height. The patios proposed would be at grade.

Tyler Ignatowski, applicant, explained that they could have pursued developing a multi-family building in the same location, but felt the duplexes made more sense for the lot, to which it was further clarified by staff that the ability existed to split individual parcels.

Motion by Alderperson Kneebone to approve the request from Tyler Ignatowski for a conditional use permit to construct multiple duplexes on the property located at 2501 Minnesota Avenue (Parcel ID 281230804100204) and 2833 Patch Street (Parcel ID 281230804100203), consistent with Ch.23.01(13)(f) with the following:

1. Garbage collection shall be handled commercially.
2. The proposed trash enclosure shall have appropriate screening to screen its view from surrounding properties, subject to the review and approval of the Zoning Administrator.
3. A grading plan shall be provided and approved by Public Utilities Department staff.
4. The applicant shall meet DNR NOI requirements.
5. Separate water and sewer service shall be installed for each unit.
6. A utility easement and shared access agreement shall be recorded prior to the issuance of occupancy.
7. The two subject parcels shall be combined prior to the start of construction.

8. The proposed gravel turnaround shall be set back at least five feet from the south lot line.
9. Appropriate edging shall be installed along the southern extent of this gravel turnaround, subject to the review and approval of the Zoning Administrator.
10. A landscaping plan shall be submitted, subject to the review and approval of the Zoning Administrator.
11. A sidewalk shall be installed along the north lot line of the combined parcels, subject to the review and approval of the Zoning Administrator.
12. The proposed stone façade on the front elevation on each duplex shall also be located on all elevations that abut a public right-of-way.
13. Staff shall have the ability to review and approve minor amendments to the proposed plan.

seconded by Commissioner Schuler

Motion carried 5-1, with Commissioner Rice voting in the negative.

6. Public Hearing and action on a request from Butch Weege, representing St. Paul's Lutheran Church, for a conditional use permit to construct an addition onto the parochial school located at 1919 Wyatt Avenue (Parcel ID 281240832404806) and 1901 Wyatt Avenue (Parcel ID 281240832404808) using modified street setback requirements, consistent with Ch. 23.02(1)(e)(3)(a) & Ch. 23.02(1)(d)(4).

Associate Planner/Zoning Administrator Kuhn summarized the request for a conditional use permit to construct a 2,722 square feet addition onto the parochial school located at 1919 Wyatt Avenue using modified street setback requirements, for the intended to provide two additional classrooms. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Butch Weege (1901 Wyatt Ave) explained that St. Paul's Lutheran Church had been actively involved with City staff in evaluating their options and needs. Due to a shortage of classrooms, the project had been prioritized. They were available for questions.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Inquiry as to whether there would be issues in reopening the old driveway access, to which staff explained that it would not, as the concrete apron in the right-of-way would remain, but staff would be involved at that time if it occurred.

Motion by Alderperson Kneebone the request from Butch Weege, representing St. Paul's Lutheran Church, for a conditional use permit to construct an addition onto the parochial school located at 1919 Wyatt Avenue (Parcel ID 281240832404806) and 1901 Wyatt Avenue (Parcel ID 281240832404808) using modified street setback requirements, consistent with Ch. 23.02(1)(e)(3)(a) & Ch. 23.02(1)(d)(4) with the following:

1. The width of the eave along the west elevation of the building addition must not exceed two feet.
2. The two subject parcels must be combined prior to the start of construction.
3. The applicant shall permanently close the existing access point into the property off of Wyatt Avenue, subject to the review and approval of the Zoning Administrator.
4. Staff shall have the ability to approve minor amendments to the approved site plan.

seconded by Commissioner Arntsen

Motion carried 5-0, with Commissioner Ilten recusing himself due to being a member of St. Paul's Lutheran Church.

11. A request from Matt Schneider, representing Mid-State Technical College, for a sign variance to install two freestanding signs on the property located at 5000 Coye Drive (Parcel ID 281230802200043), consistent with Ch. 25.14.

Agenda Item 11 was moved to this point in the meeting, there was no opposition in doing so.

Associate Planner/Zoning Administrator Kuhn summarized the request for a sign variance to install two freestanding signs on the property located at 5000 Coye Drive to serve the manufacturing, engineering, technology and apprenticeship center that will be operated by Mid-State Technical College. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza asked for comments from the audience, to which there were none.

Motion by Commissioner Ilten to approve the request from Matt Schneider, representing Mid-State Technical College, for a sign variance to install two freestanding signs on the property located at 5000 Coye Drive (Parcel ID 281230802200043), consistent with Ch. 25.14 with the following:

1. The monument sign at the southwest corner of the subject property shall be set back a minimum of five feet from all lot lines and be located outside of the required vision triangle as outlined in Ch. 23.01(16)(b)(3).
2. A building permit shall be obtained prior to the start of construction.
3. Staff shall have the ability to approve minor amendments to the project plan.

seconded by Commissioner Schuler

Motion carried 6-0.

7. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Sections 25.03 and 25.06 for the purpose of defining athletic field signage and outlining permitting requirements for such signs.

Associate Planner/Zoning Administrator Kuhn summarized the request to amend Chapter 25, Sign Ordinance for the purpose of defining athletic field signage and outlining permitting requirements for such signs, as well as for the purpose of athletic field signs not being considered off-premises signs under Agenda Item 8. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Inquiry as to how a sponsored scoreboard would tie into the sign code, to which staff explained.
- Inquiry as to whether signage along fencing would fall under the proposed revisions, to which staff confirmed accurate.
- There was a back-and-forth discussion on the verbiage of the ordinance, asking that the following line be stricken as it seemed unnecessary:

Sec. 25.03 Definitions

~~ATHLETIC FIELD SIGN: A wall sign or banner that is designed for view from spectator areas and are displayed on walls, fences or other structures located within an athletic field that is owned by a school or government entity. Advertising associated with these signs is to be incidental to the sign and not a primary function thereof. Athletic field signage shall be exempt from meeting wall sign size restrictions as outlined within Section 25.04 of this Ordinance.~~

○

Motion by Commissioner Ilten to approve the request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Sections 25.03 and 25.06 for the purpose of defining athletic field signage and outlining permitting requirements for such signs with the following:

1. Striking the following sentence from the proposed revisions:

Sec. 25.03 Definitions

~~ATHLETIC FIELD SIGN: A wall sign or banner that is designed for view from spectator areas and are displayed on walls, fences or other structures located within an athletic field that is owned by a school or government entity. Advertising associated with these signs is to be incidental to the sign and not a primary function thereof. Athletic field signage shall be exempt from meeting wall sign size restrictions as outlined within Section 25.04 of this Ordinance.~~

seconded by Commissioner Rice

Motion carried 6-0.

8. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.04(2) for the purpose of athletic field signs not being considered off-premises signs.

Associate Planner/Zoning Administrator Kuhn had nothing further, noting the item had been summarized and discussed under Agenda Item 7.

Mayor Wiza declared the public hearing open.

Mayor Wiza declared the public hearing closed.

Motion by Commissioner Rice to approve the request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.04(2) for the purpose of athletic field signs not being considered off-premises signs; seconded by Commissioner Ilten.

Motion carried 6-0.

9. Public Hearing and action on a request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.01(12) for the purpose of establishing a uniform addressing system for buildings located in the City of Stevens Point.

Associate Planner/Zoning Administrator Kuhn summarized the request to amend Chapter 23, Zoning Ordinance for the purpose of establishing a uniform addressing system for buildings located in the City of Stevens Point. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Noted that the proposed revisions on page 91 of the staff packet seemed to be missing verbiage for even and odd numbers, to which staff noted as an oversight. The verbiage would be added.
- There was a back-and-forth discussion on how the City addressed and utilized directional addressing, such as West Clark Street, or Second Street North.

Motion by Commissioner Rice to approve the request from the City of Stevens Point to amend Chapter 23, Zoning Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 23.01(12) for the purpose of establishing a uniform addressing system for buildings located in the City of Stevens Point with the following:

1. Transferring Section 30.08(1)-(5) from the Building Code to the Zoning Code.
2. Stating the addresses for new and existing buildings shall be assigned by the Zoning Administrator.
3. If additional address identification is required for fire, police or EMS purposes, the City's Fire Marshal is given the ability to require a freestanding address sign be installed on the property. Any requirement for a freestanding address sign would need to meet applicable provisions of the City's Sign Code (e.g., height, setbacks, etc.).
4. Language on enforcement actions should an unassigned address be used by a property owner.

seconded by Commissioner Ilten

Motion carried 6-0.

10. Public hearing and action on a request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 25.03 for the purpose of exempting identification signs from adhering to wall sign size limitations.

Associate Planner/Zoning Administrator Kuhn summarized the request to amend Chapter 25, Sign Ordinance for the purpose of exempting identification signs from adhering to wall sign size limitations. After review, staff held no further concerns and recommended approval with conditions outlined in the staff report.

Mayor Wiza declared the public hearing open.

Mayor Wiza declared the public hearing closed.

Commissioners made the following comments:

- Inquiry as to whether there were size limitations, to which staff stated not technically. A back-and-forth discussion followed on the importance of calling out a specific size limitation, noting that a business with their site address in their name could utilize a loophole to have excessive signage.

Motion by Commissioner Arntsen to amend the conditions of approval with the following:

1. Identification signs shall not exceed 15 square feet in size.

seconded by Commissioner Schuler

Motion carried 6-0.

Motion by Commissioner Arntsen to amend the conditions of approval with the following:

1. The size restriction shall be limited to addressing only.

seconded by Commissioner Ilten.

Motion carried 6-0.

Motion by Commissioner Arntsen to approve the request from the City of Stevens Point to amend Chapter 25, Sign Ordinance of the Revised Municipal Code of the City of Stevens Point. Said request amends Section 25.03 for the purpose of exempting identification signs from adhering to wall sign size limitations with the following:

- 1. Identification signs relating to addressing shall not exceed 15 square feet in size.**

Seconded by Commissioner Ilten.

Motion carried 6-0.

12. A request from the City of Stevens Point to acquire three unaddressed parcels off of Maria Drive (Parcel ID 281240829240033, 281240829240046 & 281240829240047), consistent with Wis. Stats. 62.23(5).

Mayor Wiza briefly noted that any purchase, transfer, of selling of property required Plan Commission and Common Council approval.

Director Kernosky summarized the request to acquire three unaddressed parcels off of Maria Drive, reiterating that the cost was not relevant to Plan Commission discussion, but the purpose was in line with the continued redevelopment of the remaining Convent parcel off Maria Drive. After review, staff held no further concerns and recommended approval as stated.

Mayor Wiza asked for comments from the audience.

Mary Ann Laszewski (1209 Wisconsin St) inquired on what Cottage Court houses meant in the site plan and how that would be controlled. Noted that including alleyways were not always a great selling feature, as well as neighborhood input being import for buy-in and smart redevelopment of the parcel.

Staff further explained that they would encompass smaller homes and be managed through a community land trust, of which they could have specific requirements to lease land to specific demographics of age and income. Lastly, they confirmed neighborhood engagement sessions would occur when the development would occur.

Commissioners made the following comments:

- Inquiry as to what would occur if the Plan Commission voted to reject the request, to which staff noted that Plan Commission was solely advisory and the Common Council could still technically approve it, they reiterated that it was in the City's best interest to own the properties to better control the development, adding that the Sisters of Saint Joseph could turn around and sell it to others.
- Comment that the City's purchase of the stated properties was consistent with the City's Comprehensive Plan.
- Inquiry as to whether the City would be subject to all rules and processes as any other private developer, to which staff confirmed accurate.

Motion by Alderperson Kneebone to approve the request from the City of Stevens Point to acquire three unaddressed parcels off of Maria Drive (Parcel ID 281240829240033, 281240829240046 & 281240829240047), consistent with Wis. Stats. 62.23(5) with the following; seconded by Commissioner Arntsen.

Motion carried 6-0.

13. A request from the City of Stevens Point to acquire the property located at 5498 Golla Road (Parcel ID 020240826-13.05) and an unaddressed parcel bounded by Golla Road and Regent Street (Parcel ID 020240826-14.03), consistent with Wis. Stats. 62.23(5).

Director Kernosky summarized the request to acquire the property located at 5498 Golla Road and an unaddressed parcel bounded by Golla Road and Regent Street, explaining that the properties had been before the commission under Anderson Development. The developer had recently expressed concerns about

continuing the project and approached the City to see if they were interested in the property. Staff reiterated that acquiring the property would give the City more control over future development in the area, and further growth eastward. After review, staff held no further concerns and recommended approval as stated.

Mayor Wiza asked for comments from the audience, to which there were none.

Commissioners made the following comments:

- Inquiry as to whether the property was within the wellhead, to which staff confirmed yes to Wellhead Protection B.
- Inquiry as to whether talks with the Town of Hull regarding a boundary agreement were still ongoing, to which staff confirmed accurate.
- Comment that while they would normally oppose acquisition as it interfered with the free market, they would support it to protect the wellhead in the area.

Motion by Commissioner Ilten to approve the request from the City of Stevens Point to acquire the property located at 5498 Golla Road (Parcel ID 020240826-13.05) and an unaddressed parcel bounded by Golla Road and Regent Street (Parcel ID 020240826-14.03), consistent with Wis. Stats. 62.23(5); seconded by Alderperson Kneebone.

Motion carried 6-0.

14. A request from the City of Stevens Point to acquire five unaddressed parcels located off of Brilowski Road and Old Highway 18 (Parcel ID 281240836320102, 020240836-11.01, 020230801-06.01, 020240836-12 & 020230801-05.01), consistent with Wis. Stats. 62.23(5).

Director Kernosky summarized the request to acquire five unaddressed parcels located off of Brilowski Road and Old Highway 18, reiterating that the cost was not relevant to Plan Commission discussion. However, he further noted that they could serve as a potential future location for a new fire station and a Public Works facility, again adding that a potential future use was not under the purview of the commission at the current time. They were simply looking at acquiring or not acquiring the property. After review, staff held no further concerns and recommended approval as stated.

Mayor Wiza asked for comments from the audience.

Carol Molepske (2125 Clark St) noted that it was not common sense for the Plan commission to vote on acquiring property without knowing the intent or use, or cost.

Bill Bushman (5516 Elmwood Ave) asked that any future intended or perceived direction for area development be shared publicly, and surrounding owners be notified so they weren't blindsided.

Commissioners made the following comments:

- Comment that acquisition and potential future annexation would further create more islands within the Town of Hull's boundary.
- Several commissioners felt that the far east side location was a perfect location for a fire station, to which staff reiterated to the commission that a potential future use for the area was not up for discussion.
- There was a back-and-forth discussion on the benefits and detriments of acquiring property in terms of having control over development versus the long-term financial implications.

Motion by Alderperson Kneebone to approve the request from the City of Stevens Point to acquire five unaddressed parcels located off of Brilowski Road and Old Highway 18 (Parcel ID 281240836320102, 020240836-11.01, 020230801-06.01, 020240836-12 & 020230801-05.01), consistent with Wis. Stats. 62.23(5); seconded by Mayor Wiza

Motion carried 5-1, with Commissioner Ilten voting in the negative.

15. Discussion only on a potential amendment to the Zoning Code's definition of 'family.'

Mayor Wiza stated that no action would be taken, and the item was for discussion only.

Director Kernosky provided a summary of previous meetings and discussion. With the feedback from the public and commission previously collected, staff had drafted and were proposing several options for the commission to consider. He highlighted a "3/2" option which would keep current nonowner-occupied rentals unchanged but incentivize owner-occupied dwellings in allowing 3-unrelated. The second option would be a "3 across option", which would allow 3-unrelated across the board, non-owner occupied or owner-occupied. At this point staff wanted direction from the commission on which option they would want to pursue so an official public hearing could be scheduled.

Mayor Wiza asked for comments from the audience.

John Gardner (2101 Birchwood Ave) provided testimony explaining that the original definition of family was implemented to address the fast conversion of homes into student housing, and how the student population can impact local statistics. Also, he outlined recent sale data that showed there was still a push to have rentals under the existing limitations, and that increasing occupancy limit would further drive that push, as well as other potential negative effects on the increased cost of housing. Lastly, he asked that commission consider whether potential changes would help owner-occupied housing, or incentive more rentals. He supported the occupancy increase for owner-occupied homes.

Mayor Wiza and John Gardner had a back-and-forth discussion on the potential benefits or negatives on the cost of rentals, which Mr. Gardner noting that the City could look into municipalities where there was no definition of family, and see how they compared in costs, and whether they increased or decreased.

Mary Ann Laszewski (1209 Wisconsin St) provided prepared testimony against increases in occupancy. She noted how policy changes would not affect the homeless population coming out of winter, which was an initial driver for the changes requested late last year, and that other communities had recently backed away from making similar occupancy changes in fear of the housing impact.

Carol Molepske (2125 Clark St) resident within the inner-city, provided testimony in opposition of any occupancy increases for rental properties. She supported the owner-occupied increase incentive and agreed with Mr. Gardner's recommendation that any official action should wait until after the next election, as any new Alderpersons would not have a say on the City's future direction.

Sam Long (1934 Water St), candidate for District 9, stated it would be appreciated to have an opportunity to vote on the item if there was potential for turnover, as it would drive the next 10-15 years in the City. They noted enforcement as a large issue and asked if the City had investigated the potential liabilities of altering the definition. Mayor Wiza noted that the homeowner would receive citations in potential enforcement issues but did not foresee any large issues in terms of legal repercussions.

Nancy Roppe (Web) thanked previous public testimony, and mirrored sentiments in opposition. She noted concerns for further deterioration of neighborhoods and stated a lack in enforcement for current standards, adding that any increase in occupancy would further incentivize rental properties.

Ray Cal (1233 Maria Dr) stated that the Supreme Court did rule that municipalities enforcing occupancy standards was legal. He asked that the commission consider whether changes would benefit owner-occupied homes and referred to his submitted written testimony. *See attachments at the end of this document.*

Commissioners made the following comments:

- Inquiry on how a 3-2 option would be regulated through enforcement, to which staff explained Code Enforcement Department procedure.
- Consensus that changes to the household entity definition were going in the right direction.

- Questioned how owner-occupied homes would really be incentivized, changes in occupancy or not, as there would always be landlords or homeowners that didn't adhere to either standard, noting code enforcement could be better addressed.
- There was a back-and-forth discussion on how the Community Development Department oversaw enforcement, reiterating that the department's first goal was voluntary compliance through working together with owners, rather than immediately fining. Staff further noted that while neighborhood complaints were the most common flag for violations, there were other methods to confirm occupancy.
- Questioned whether either option based on ownership should be considered, and asked why occupancy standards based off zoning was not being looked out. Staff explained that they had explored zoning-specific standards internally, but ran into several issues surrounding discrimination between zoning districts, and how easily the public could decipher occupancy requirements.
- Comment that most concerns surrounding the public testimony seemed to stem from a quality over quantity issue with renters. These mostly revolved around the upkeep of property, people leaving garbage on their lawn, parking concern, etc. They further questioned if further neighborhood enforcement of existing maintenance codes could be more effective, while also allowing the increase in occupancy.
- There was a back-and-forth discussion on setting a date for the public hearing. It was determined that it should be held in May, as to allow prospective Alderperson candidates to be involved.
- There appeared to be no flavor towards a "3 across option". There was a leaning towards the "3/2" as it incentivized homeowners and could act as a good middle ground for now.

No action was taken.

16. February 2023 Monthly Report. Copies of the monthly report will be provided during the meeting.

Director Kernosky noted that the monthly reports were available within the agenda packets, and staff was available for questions, to which there were none.

17. Director's Report. *A verbal report will be provided during the meeting.*

Director Kernosky provided brief verbal updates, if available, on:

- Developmental Updates
- Special Project Updates
- Public Policy Updates
- Economic Development Updates

Closing Section:

18. Adjourn.

Meeting adjourned at 9:24 PM.

A recording of this meeting can be viewed/heard at: <https://stevenspoint.com/365/AgendasMinutesVideos>

Attachments relating to agenda item 3: ADU

Nancy Roppe to [Everyone](#)



Application say college student rental. I object to the accusation that I impugned anyone's integrity.

RAYMOND CAL

1233 Maria Drive ▪ Stevens Point, WI 54481-1140

715-321-0329 raymond.cal@hotmail.com

February 26, 2023

Stevens Point Plan Commission
Mayor Mike Wiza, Chair

RE: Recommendations of the Affordable Housing Taskforce

TO WHOM IT CONCERNS:

1. As written **the recommendation to increase the allowed density of unrelated people in a single household will result in more absentee landlord owned rental houses.** It creates incentives for landlords to buy even more houses in our city and convert them to rental properties. This should not be a goal for the city as about 50% of our households are already rentals. Neighborhood improvement efforts generally view creating more owner-occupied homes as a positive for our community.
2. **Home ownership is one of the most consequential means for people to accumulate wealth and an effective tool for intergenerational transfer of wealth.** The city should be incentivizing owner occupied home ownership, not encouraging more absentee landlord home ownership. Page 19 of the Taskforce Report suggests we should “prioritize homeownership rather than rental property construction.” Increasing density for absentee landlord rentals works against this goal.
3. **Increasing density in households should be allowed only where the property is owner-occupied.** Increasing density for owner occupied homes should make it easier for people to buy and own a home because it provides a source of rental income that can help make ownership more affordable (cost of mortgage, utilities, taxes, home improvements, etc.)
4. **Owner-occupied homes are more likely to be well maintained compared to absentee landlord rental houses.** Anyone who knows students from UWSP who have experienced the Stevens Point rental market recognizes that we continue to have a problem with substandard conditions for houses. My own experience with nieces/nephews at UWSP is housing that is often poorly insulated, blankets over windows to keep the cold out, garages converted to bedrooms with no insulation (because the landlord doesn't pay the utility bill), poor plumbing and laundry facilities, poor upkeep and unresponsiveness to tenant concerns.
5. **The Stevens Point Housing Authority should be creating more low-income housing units.** The Housing Authority does a good job maintaining its existing units, by as Ryan Kernosky has shared, the Housing Authority has not added a single additional unit in more than 40 years. There is much competition for HUD dollars but surely Stevens Point should be able to find a way to take advantage of the programs that other cities have been successful in receiving.
6. **The undeveloped land at the former convent of the Sisters of St. Joseph of the Third Order of St. Francis is one of several properties in Stevens Point which should be prioritized for affordable**

Classification: Personal

housing. This is where the city has an opportunity to build “Missing Middle Housing” discussed in the Housing Taskforce Report. Other potential properties would be the site of the demolished Edgewater Manor, the Belke Lumber site, the former Shopko site and the former Cooper Motors site.

7. **The Taskforce Report is incorrect in suggesting that problems with housing quality is more a perception than a reality** (page 15 of the report). The report cites Assessor’s report ratings, but we should not be using assessor’s reports to judge housing quality. Please recognize the limitations of the assessor’s inspections. In most cases the assessor never enters a property so they are unable to thoroughly inspect the property. Landlords generally do not want a city inspector snooping around their properties looking for problems. An assessor has no idea of what tenants are paying for their utility bills or the condition of the interiors. An owner-occupied home may have incentives to report problems to the assessor in the hope of keeping their valuation (and thus their taxes) lower. Perhaps this explains why so many poor or very poor houses were reported as owner occupied?
8. **Guard Stevens Point from an undesirable model of absentee landlords.** There are certainly responsible landlords in our community and they should be appreciated. However, there is another model of landlord which we should not be encouraging. Viewing themselves as entrepreneurs they buy up properties with a singular focus on maximizing their cashflow. They charge as much for rent as possible and spend as little on upkeep as necessary to build up cash for the downpayment on the next property to add to their real estate holdings. Allowing them to now rent homes to even more tenants will result in more owner-occupied homes being converted to poorly maintained rentals.
9. **The Taskforce is incorrect to suggest that limits on density are either overtly or subvertly motivated by discrimination, racial or otherwise.** The Kordus memo (page 1) suggests this is the case. I and others are genuinely interested in improving the quality of our neighborhoods and are welcoming to people of all race, ethnic background and gender identity. Please do not use the race card where it does not apply,
10. **Be alert to the unintended consequences of pursuing a solution that has been presented as low cost/no cost.** Increasing density for absentee landlord rentals will change our neighborhoods, and not in a good way! Has landlord/realtor/developer composition on the Housing Taskforce shaped recommended solutions that benefit landlords and developers without recognizing the negative impact of the recommendations? I count 2 realtors/landlords on the committee, a developer and a rental property manager. Who represents the folks who have chosen to live and invest in Stevens Point and have a desire to maintain and improve our neighborhoods?

Sincerely,

Raymond Cal

Community Development Report, February 2023

Construction Report

New Construction	# of Permits	Location	Declared Valuation	Fees
Single Family	-		-	-
Two Family	-		-	-
Multi-Family	-		-	-
Commercial/Industrial	-		-	-
Additions or Alterations	# of Permits	Declared Valuation		Fees
Residential	53	\$424,832.90		\$3,687.02
Commercial	25	\$1,605,058.00		\$11,519.35
Monthly Permits	Monthly Valuation	Monthly Fees	YTD Permits	YTD Fees
78	\$2,029,890.90	\$15,206.37	165	\$29,278.20
			2022	\$25,572.45
			2021	\$20,011.93
			2020	\$25,566.33

Violation Report

New Code Cases	
Abandoned Vehicle on Property	2
Bulk Waste at Curb Early	0
Commercial Building Violation	0
Construction Work Without Permits	2
Debris on Property	10
Exterior Violations on House	0
Illegal Pets or Livestock	0
Infestation	0
Interior Housing Violations	1
Potholes	0 +
Property Encumbrance	0
Public Works Violation	1 +
Snow & Ice Removal - Sidewalk	27
Tall Grass or Noxious Weeds	0
Trash Containers Improperly Stored	8
Vacant Building/Home	0
Vehicle Parked on Grass	3
Vision Obstruction in Roadway or Intersection	0
Zoning Violations	2
Total Violations / Total Service Fees Billed	56 \$400
Voluntary Compliance Rate for Tagged/Verbal	11/13 85%

+ Referred to another department

Administrative Staff Report

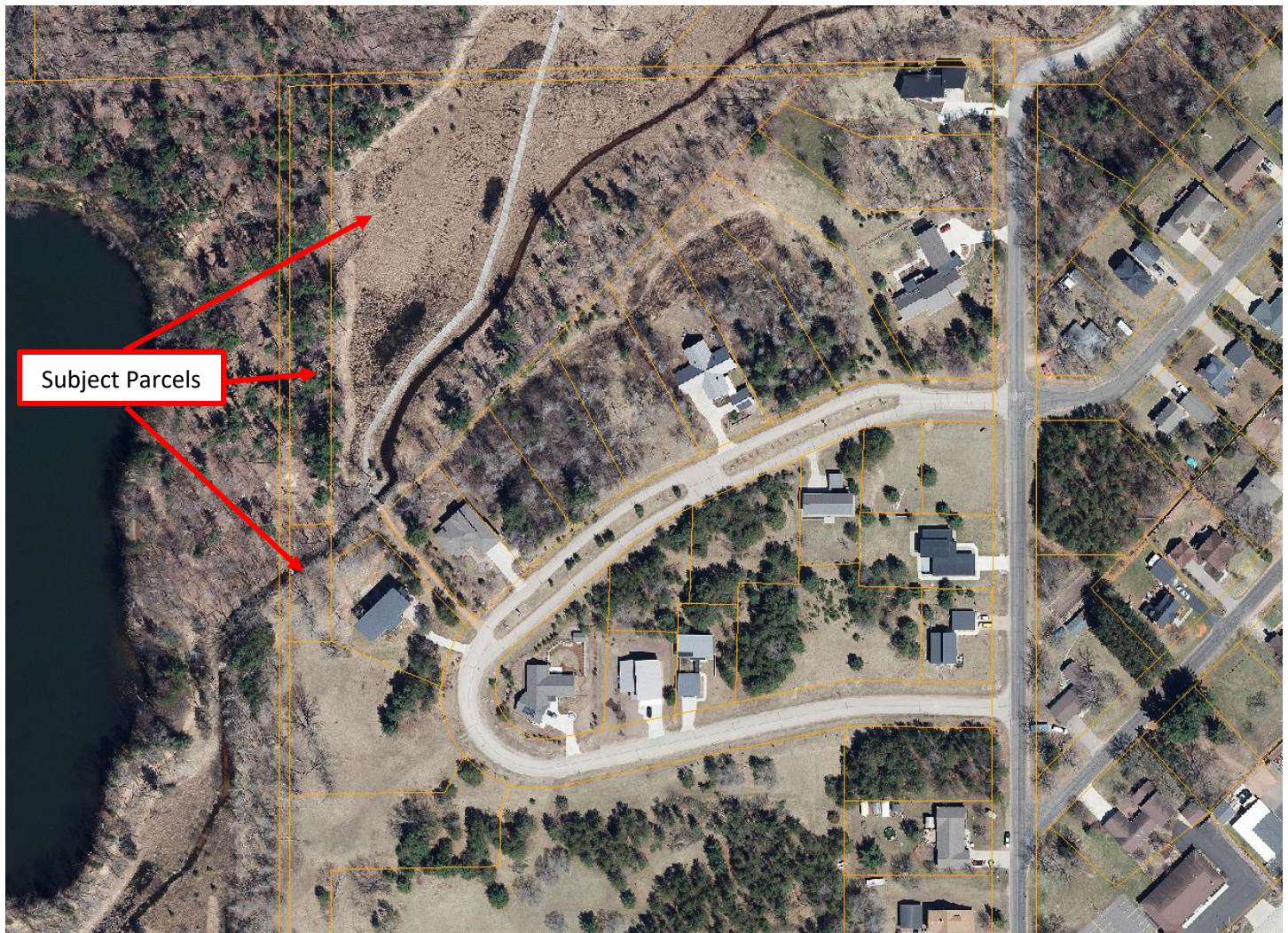
Rezone the Unaddressed Parcels off of Vine Street
Schmeeckle Reserve Trail
April 3, 2023



Department of Community
Development

Applicant(s): - Jim Buchholz, representing the University of Wisconsin Board of Regents Staff: - Adam Kuhn, Associate Planner akuhn@stevenspoint.com Parcel Number(s): 281240828100812 281240828100115 281240828100737 Zone(s): "R-2" Single-Family Residential Master Plan: - University of Wisconsin – Stevens Point Council District: - District 11 Ald. Morrow Current Use: - Schmeeckle Reserve Trail	Request - Public Hearing and action on a request from Jim Buchholz, representing the University of Wisconsin Board of Regents, to rezone three unaddressed parcels off of Vine Street (Parcel ID 281240828100812, 281240828100115 & 281240828100737) from "R-2" Single Family Residential to "C" Conservancy. Attachment(s) - Application - Plans Findings of Fact - The subject parcels are owned by the University of Wisconsin Board of Regents and are utilized as part of the Schmeeckle Reserve Trail. - In 2006, the subject parcels were annexed into City limits and were designated with a permanent zoning designation of "R-2" Single-Family Residential. - The subject parcels were included as part of a 2011 Wisconsin Department of Transportation wetland mitigation project to restore and maintain this area to a natural state. - The subject area is designated for University use, and no plans exist to develop the area. - With the subject parcels zoned "R-2" Single-Family Residential, the applicant is requesting to rezone this area to "C" Conservancy to better align this zoning designation with the current and future land use of the area. Staff Recommendation Approve the request to rezone three unaddressed parcels off of Vine Street (Parcel ID 281240828100812, 281240828100115 & 281240828100737) from "R-2" Single Family Residential to "C" Conservancy.
--	--

Vicinity Map



Background

Overview: The applicant is requesting to rezone the above parcels from “R-2” Single-Family Residential to “C” Conservancy. Owned by the University of Wisconsin Board of Regents, the subject parcels are utilized as part of the Schmeeckle Reserve Trail network. In 2006, the subject parcels were annexed into the City from the Town of Hull as part of the planned residential development along Vine Street and Moses Crossing. Consistent with this planned residential development, the City approved a permanent zoning designation of “R-2” Single-Family Residential for the subject parcels.

Although zoned for residential use, the University of Wisconsin system has no plans to develop this area outside of its existing recreational use. It should also be noted that any residential development within the subject area is unlikely given the prevalence of wetlands and it being held in a conservancy-like state as part of a 2011 wetland mitigation project led by the Wisconsin Department of Transportation.

Any request to rezone parcels within City limits requires Plan Commission and Common Council approval, subject to the review standards outlined below.

Standards of Review – Rezone

1. Minimum performance standards are met with the proposed district.

Analysis: Performance standards for the “C” Conservancy District are provided below.

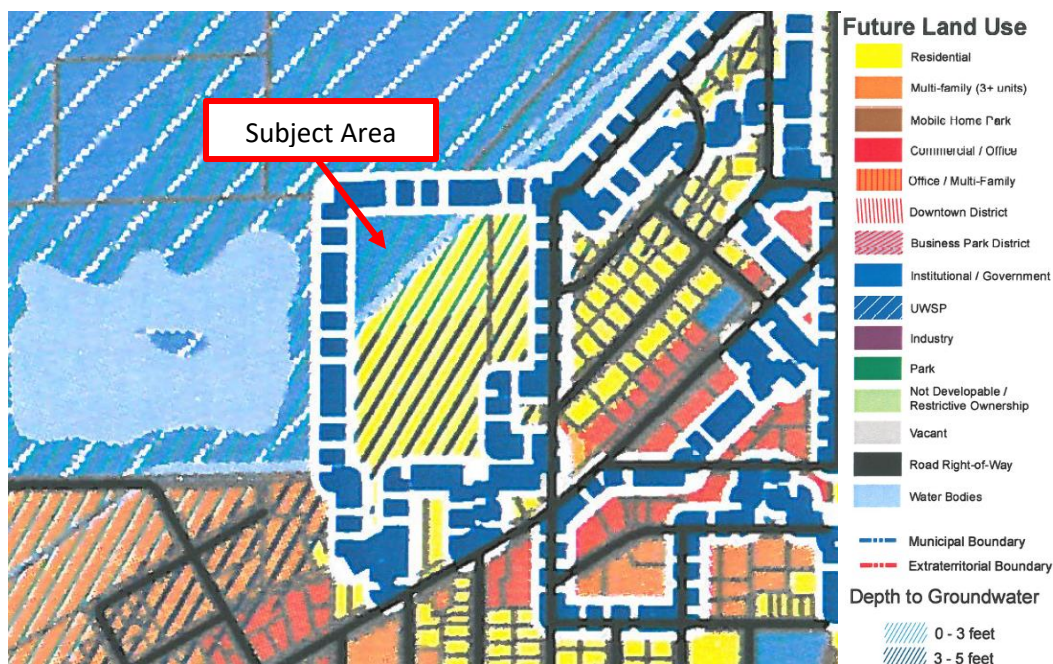
“C” CONSERVANCY DISTRICT

USE	LOT AREA AND DENSITY	LOT WIDTH	HEIGHT OF STRUCTURE	SIDE YARD	STREET SETBACK	REAR YARD	PARKING	AREA OF STRUCTURE
All permitted uses	8,000 sq. ft.	0	40 ft.	30 ft.	50 ft.	50 ft.	Per 23.01(14)	0
Conditional uses	As set by the Plan Commission and City Council							

Findings: Each of the three subject parcels exceed 8,000 square feet and meet minimum lot size requirements. As the three parcels are undeveloped, the above setback and building height restrictions for the “C” Conservancy District do not apply. Given the prevalence of wetlands that span the three parcels, a rezoning to “C” Conservancy is justified to better meet the intent of this zoning district – “to provide protection to environmentally-sensitive lands such as flood plains, wetlands, shorelands, well fields, airport fringe lands and fringe lands remote from City services and access.”

2. The change in zoning is consistent with the City’s Comprehensive Plan.

Analysis: When the City’s Comprehensive Plan was adopted in 2006, the subject parcels were located within the Town of Hull. Shortly thereafter, these parcels were annexed into City limits. Per the City’s Extraterritorial Future Land Use Map, the subject parcel is identified for institutional and governmental uses.



Findings: Given the wetland considerations and the existing use of the subject parcels, staff believes that it is appropriate to rezone the three parcels to “C” Conservancy.

3. The change in zoning will not create adjacent incompatible uses.

Analysis: Properties to the north and west of the subject area are zoned “C” Conservancy. Properties to the south and west of the subject area have a base zoning of “R-2” Single-Family Residential with an overlay zoning of “PD” Planned Development. The purpose and intent of the aforementioned zoning districts are outlined below.

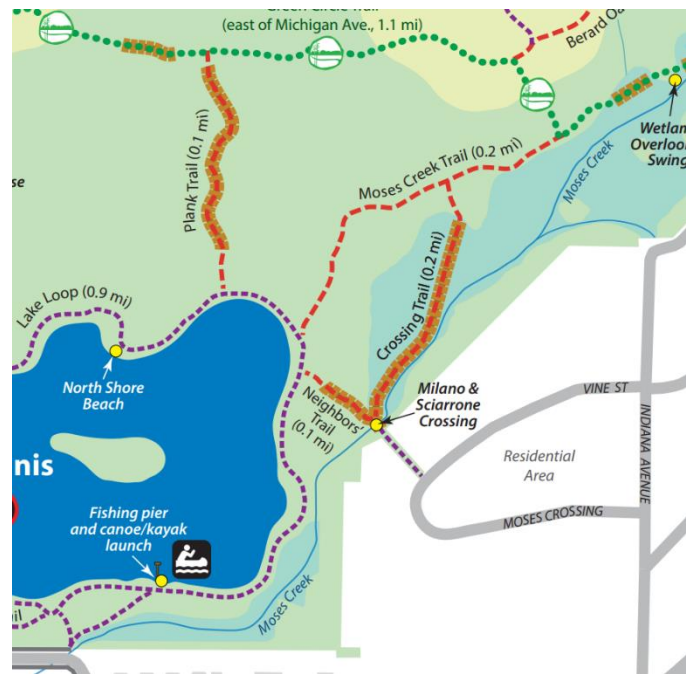
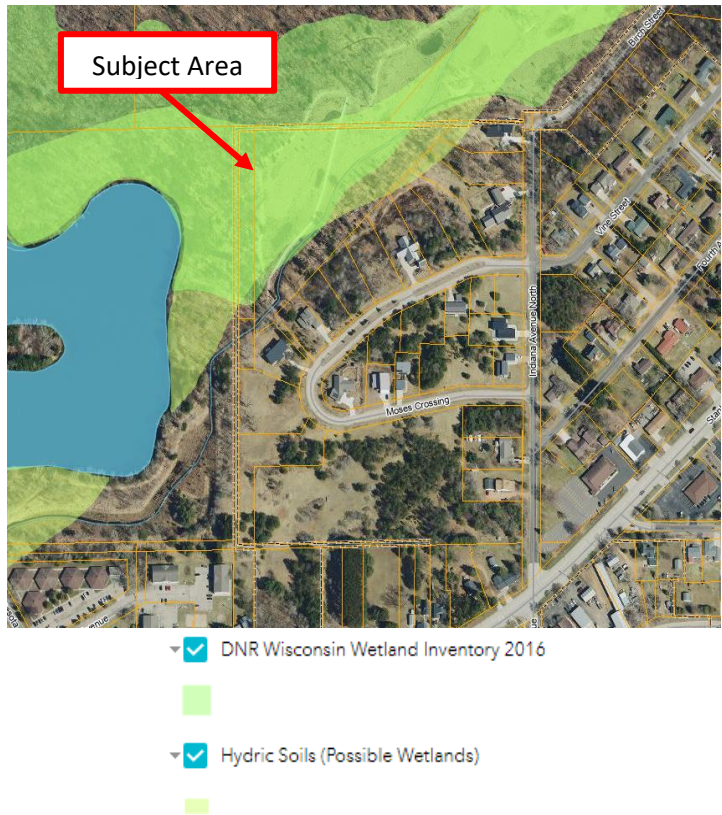
“R-2” Single-Family Residence District: “This district is established to provide the population density and used primarily for single family living, which is expected to accommodate the numerous residential developments already at the density of this district, and this district would accommodate other housing not on City sewer.”

“PD” Planned Development District: “A Planned Development is a zoning district that allows for deviation from the standards of this zoning ordinance in exchange for higher quality development.”

“C” Conservancy District: “This district is established to provide protection to environmentally-sensitive lands such as flood plains, wetlands, shorelands, well fields, airport fringe lands and fringe lands remote from City services and access. The district is also intended to be applied as a means of regulating the timing and direction of land development in accordance with the City's Comprehensive Plan.”

Findings: Given the intent of the “C” Conservancy District, surrounding land use and development constraints within the subject area, a rezoning to “C” Conservancy does not interfere with the existing land uses and future land use planning of the area.

Supporting Information



Schmeeckle Reserve Trail Map



City of Stevens Point
Community Development Department

1515 Strongs Avenue, Stevens Point, WI 54481
P: (715) 346-1567 F: (715) 346-1498
communitydevelopment@stevenspoint.com
<http://stevenspoint.com>

APPLICATION FOR A ZONING MAP AMENDMENT - REZONING

(Pre-Application Conference Required)

ADMINISTRATIVE SUMMARY (Staff Use Only)

Application #		Date Submitted		Fee Required		Fee Paid	
Associated Applications if Any				Assigned Case Manager			
Pre-Application Conference Date							

APPLICANT/CONTACT INFORMATION

APPLICANT INFORMATION		CONTACT INFORMATION (Same as Applicant? ☐)	
Applicant Name	University of Wisconsin-Stevens Point	Contact Name	Jim Buchholz, Director, Schmeeckle Reserve
Address	2100 Main Street	Address	2419 North Point Drive
City, State, Zip	Stevens Point, WI 54481	City, State, Zip	Stevens Point, WI 54481
Telephone	715-346-0123	Telephone	715-346-4992
Fax		Fax	
Email		Email	jbuchhol@uwsp.edu

OWNERSHIP INFORMATION

PROPERTY OWNER 1 INFORMATION (Same as Applicant? ☐)		PROPERTY OWNER 2 INFORMATION (If Needed)	
Owner's Name	Board of Regents of the University of Wisconsin System	Owner's Name	
Address	700 Regent Street, Suite 239	Address	
City, State, Zip	Madison, WI 53715	City, State, Zip	
Telephone	608-262-2324	Telephone	
Fax		Fax	
Email	board@uwsa.edu	Email	

PROJECT SUMMARY

Subject Property Location: [Please Include Address and Assessor's Identification Number(s)] Southeast corner of Schmeeckle Reserve, University of Wisconsin-Stevens Point			
Parcel 1		Parcel 2	
281240828100812		281240828100115	
Parcel 3			
281240828100737			
Legal Description of Subject Property			
281240828100812: OUTLOT 12 CSM#9275 -39-55 BNG PRT SWNE S28 T24 R8 692072-ANNEX 694670-ANNEX 712552 (5.25 acres)			
281240828100115: THAT PRT OUTLOT 1 CSM#9531-41-11 AS LIES IN CITY OF STEVENS POINT BNG SWNE S28 T24 R8 856103 (0.75 acre)			
281240828100737: OUTLOT 1 CSM# 11271-52-101 BNG PRT SWNE S28 T24 R8 .229A 854042;856614;857039AOC (0.23 acre)			
Area of Subject Property (Acres/Sq Ft)		Area of Requested Rezoning (Acres/Sq Ft)	
6.23 acres		6.23 acres	
Designated Future Land Use Category	Current Use of Property	Proposed Use of Property	
Conservancy and outdoor recreation	Conservancy and outdoor recreation	Conservancy and outdoor recreation	
Current Zone District	Proposed Zone District		
"R-2" Single Family Residence	"C" Conservancy		

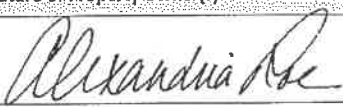
Reason for the zone change request	
These three parcels were donated to the University of Wisconsin-Stevens Point to become part of Schmeeckle Reserve, the campus natural area. Parcel 281240828100812 was donated in 2008 and Parcels 281240828100115 and 281240828100737 were donated in 2019. The management priorities of Schmeeckle Reserve are to protect and restore native ecological communities, serve as an outdoor laboratory for classes and research, and provide outdoor recreation opportunities for the community. The "C" Conservancy zone district is an ideal fit for these priorities, and the majority of Schmeeckle Reserve is already zoned as Conservancy. Since these properties were donated with the expectation that the land would be protected as part of Schmeeckle, it is logical to rezone them as Conservancy.	
Land use and the development proposed for the subject property. Include the time schedule (if any) for development. (Use additional pages if necessary)	
These properties are being used as part of the Schmeeckle Reserve conservancy, with habitat management and educational activities being conducted. A public trail and boardwalk run through the properties offering non-motorized recreational activities. There are no other development projects proposed for these parcels. Habitat and trails will continue to be maintained as part of the conservancy.	
Current Zoning Surrounding Subject Property	
North:	"C" Conservancy
South:	"R-2" Single Family Residence and "PD" Planned Development District
East:	"PD" Planned Development District
West:	"C" Conservancy
Current Land Use Surrounding Subject Property	
North:	Conservancy and outdoor recreation
South:	Residential development
East:	Residential development
West:	Conservancy and outdoor recreation
Is the proposed zoning map amendment consistent with the Comprehensive Plan? If so how?	
Yes, the properties are part of the Moses Creek wetland, which was restored in 2011 by the Wisconsin Department of Transportation as a wetland mitigation project. Per the Stevens Point Comprehensive Plan (p. 124), most of the wetlands inside the City are zoned Conservancy, and there is a strong desire to protect remaining wetlands. On the same page, the "Mosey Creek corridor" is identified as an important conservancy area, as it minimizes costly storm water flows through the preservation of associated wetlands. The plan states that continued development here has the potential for "aggravating City drainage problems." Therefore, moving these parcels into Conservancy will protect them from potential development. Finally, the same page discusses Schmeeckle Reserve as valuable conservancy land and states the continuing need for good land use planning to protect the boundaries of the Reserve from incompatible land activities.	

EXHIBITS

Owner Information Sheet	☐	Additional Exhibits If Any:
Letter to District Alderperson Letter sent to Alderman Shaun Morrow, 02/22/2023	☒	
Maps (vicinity, zoning, floodplains, wetlands others as requested by staff)	☒	

CERTIFICATION AND SIGNATURE

By my signature below, I certify that the information contained in this application is true and correct to the best of my knowledge at the time of the application. I acknowledge that I understand and have complied with all of the submittal requirements and procedures and that this application is a complete application submittal. I further understand that an incomplete application submittal may cause my application to be deferred to the next posted deadline date.

Signature of Applicant	Date	Signature of Property Owner(s)	Date
	3/3/23		03/02/2023

COPY



University of Wisconsin-Stevens Point

College of Natural Resources
Schmeckle Reserve

Stevens Point WI 54481-3897
715-346-4992; Fax 715-295-8918
www.uwsp.edu/schmeckle

February 22, 2023

Alderman Shaun Morrow
2509 Falcons Cove
Stevens Point, WI 54481

Dear Alderman Morrow:

My name is Jim Buchholz and I am the director of Schmeckle Reserve, a 280-acre conservancy area that is part of the UW-Stevens Point campus. Per the requirements of the City of Stevens Point Plan Commission, this letter is to notify you that we will be submitting a request to rezone three property parcels located in the southeast corner of the Reserve from "R-2" Single Family Residence to "C" Conservancy. These three parcels were donated to the university to become part of Schmeckle Reserve by the Milano/Sciarrone families (5.25 acres in 2008), the Ceplina family (total of 1.25 acres in 2019 with 0.75 acre located in the City), and Steve Faber and Jackie Meyers (0.23 acre in 2019).

As a designated campus conservancy area, Schmeckle Reserve is managed under three priorities: to protect and restore native ecological communities, serve as an outdoor laboratory for classes and research, and provide outdoor recreation opportunities for the community. The three parcels are located within the Moses Creek wetland, which was restored as a DOT mitigation project in 2011 and is being maintained in a natural state. A public trail and boardwalk provide access through the properties.

The Conservancy zone district is an ideal fit for the management priorities of Schmeckle Reserve, and we feel that rezoning these properties as Conservancy is a logical extension of the existing land base that surrounds the property to the north and west. The Conservancy area will also serve as a buffer from residential development occurring to the south and east. Finally, protecting wetlands is a goal of the city according to the Stevens Point Comprehensive Plan, and rezoning this property as Conservancy helps to achieve this goal in the long term.

I have enclosed a current City of Stevens Point zoning map that shows where the three parcels to be rezoned are located.

We expect that the Plan Commission will be voting on this request at their meeting on Monday, April 3rd. If you have any questions or concerns prior to then, please feel free to contact me anytime by phone (715-346-4992) or email (jbuchhol@uwsp.edu). Thank you for your time.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Buchholz", with a large, sweeping flourish at the end.

Jim Buchholz
Director, Schmeckle Reserve, University of Wisconsin-Stevens Point

Schmeeckle Reserve: Current Zoning Map (City of Stevens Point)

March 8, 2023



From: [Stephen Faber](#)
To: [Adam Kuhn](#)
Subject: [External] Support for rezoning
Date: Tuesday, March 28, 2023 9:37:18 AM

Hi Adam,

Although I'm sure there's no controversy about rezoning the Vine Street parcels to Conservancy, I will simply let you know I support this change. Jackie and I contributed part of this land to the Board of Regents for inclusion in Schmeeckle Reserve and are pleased to see the appropriate zoning change take place.

Steve Faber and Jackie Meyers
3008 Vine Street
Stevens Point WI 54481

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.



MEMORANDUM

To: City Plan Commission

From: Adam Kuhn, AICP
Associate Planner / Zoning Administrator

Date: April 3, 2023

RE: Discussion on the 2023 McDill Pond Management Plan

Background: For decades, the McDill Inland Lake Protection and Rehabilitation District (MILPRD) have been implementing projects within McDill Pond that focuses on water quality, shoreline development, and amphibian, fish and aquatic plant habitats. These projects were carried out based on a ten-year lake management plan for McDill Pond.

In 2011, the Plan Commission reviewed and accepted the current iteration of the McDill Pond Management Plan. Similar to updates to comprehensive planning documents, ten years have passed and the MILPRD has been working with the Wisconsin Department of Natural Resources and the University of Wisconsin-Stevens Point on updating the plan.

The following pages highlights the draft planning document for the 2023 update to the McDill Pond Management Plan. Krista Olson, from the McDill Pond Management Planning Committee, will be attending this Plan Commission meeting to provide background on this planning document and answer any questions that you may have.

Consistent with previous plan reviews, the Plan Commission will have the ability to review this document due to its applicability to shoreland zoning and development. If you have any questions, please do not hesitate to contact me.

www.stevenspoint.com

Open Records Rider: The City of Stevens Point is subject to Wisconsin Statutes relating to public records. Communication, such as this document, sent or received by City employees are subject to these laws. Unless otherwise exempted from the public records law, senders and receivers of City communication should presume that the communications are subject to release upon request, and to state record retention requirements.



2023 Update

McDill Pond Management Plan Portage County, Wisconsin

Plan Created by UW-Stevens Point Center for Watershed Science and Education May 5, 2011

Plan approved by McDill Pond Management Planning Committee: May 19, 2011

Plan approved by McDill Inland Lake Protection and Rehabilitation District: May 19, 2011

Plan approved by Village of Whiting:

Plan approved by the City of Stevens Point:

Plan approved by Wisconsin Department of Natural Resources:

Plan approved by Portage County:

Plan Updated by McDill Inland Lake Protection and Rehabilitation District and
Portage County Land and Water Conservation Department February, 2023

Plan Update approved by McDill Inland Lake Protection and Rehabilitation District February 23, 2023

Plan Update approved by Village of Whiting

Plan Update approved by City of Stevens Point

Plan Update approved by Portage County

Plan Update approved by Wisconsin Department of Natural Resources

A special thanks to all who helped to create the McDill Pond Management Plan and provided the necessary data in the Portage County Lakes Study.

**McDill Pond Management Plan Update Participants -
Jordan Park – West Lodge, December 8, 2014**

McDill Pond Plan Update Participants

Joe Blonigen
Dave Enerson
Krista Olson
Lisa and Tom Patterson
Marv Van Kekerix

Wisconsin Department of Natural Resources

Scott Provost-Water Resources Management Specialist

University of Wisconsin-Stevens Point

Nancy Turyk-Center for Watershed Science and Education
Sarah Hull--Center for Watershed Science and Education

Portage County

Randy Slagg-Conservation Technician
Gary Speckmann-Parks Director

McDill Pond Management Planning Committee Members and Resources

Planning Committee Members

Chris Beum	Krista Olson
Jim Canales	Gary/Amy Oudenhoven
Michael Derer	Harry Rice
Dave/Pam Everson	Henry/Marita Shaw
Steve/Mary Gonske	Diane Shufelt
Gail Gordon	Sam/Grace Skibicki
Gordon Hamilton	Melba Sullivan
Ken Lepak	Jim Tanguay
Nannette Martinneau	Dino Tlachac
Gordy/July Mouw	Jerome/Robyn Van Laanen
Chad Murphy	John Vollrath
Chris Okray	Mary Zurawski

Wisconsin Department of Natural Resources

Tom Meronek-Fisheries Biologist
Scott Provost-Water Resources Management Specialist

University of Wisconsin-Stevens Point

Nancy Turyk-Center for Watershed Science and Education
Jen McNelly-Center for Watershed Science and Education
Linda Stoll-Center for Land Use Education
Dr. Katherine Clancy

Golden Sands Resource Conservation & Development Council, Inc.

Paul Skawinski-Regional Aquatic Invasive Species Coordinator

Portage County

Randy Slagg-Conservation Tech

Portage County Lake Study Researchers/Authors

Becky Cook – Water Quality/Watersheds
Dr. Paul McGinley – Water Quality/Watersheds
Dr. Byron Shaw – Water Quality/Watersheds and Upland Sensitive Areas
Dick Stephens – Water Quality/Watersheds and Upland Sensitive Areas
Nancy Turyk – Water Quality/Watersheds/Final Report
Dr. Glenn Bowles – Near Shore Summary Dr. Alan Haney – Upland Sensitive Areas
Dr. Vince Heig – Upland Sensitive Areas Dr. Kent Hall – Upland Sensitive Areas
Lynn Markham – Planning Assistance
Dr. Erik Wild – Reptiles and Amphibians/Near Shore Habitat

Dr. Bob Bell – Algae
Dr. Robert Freckmann – Aquatic Plants and Upland Sensitive Areas
Dr. Tim Ginnett – Birds
Brad Bulin (Graduate Student) – Birds
Dr. Ron Crunkilton – Fishery and In-lake Habitat
Steve Bradley (Portage Co Conservationist) –
Land Use Coverages/Watersheds
Mike Hansen – Portage County Planning Assistance
Rori Paloski (Graduate Student) – Reptiles and Amphibians/Near
Shore Habitat

McDill Pond Management Plan 2023 Update Participants

McDill Pond Plan Update Participants

Sage Stanchik Joe Senn
Krista Olson
Mike Phillilps
Carl Rasmussen

Portage County

Tracy Arnold-Conservation Technician

McDill Pond Management Planning Committee Members and Resources

Wisconsin Department of Natural Resources

Lucas Koenig-Fisheries Biologist

Portage County

Jen McNelly-Water Resource Specialist

Table of Contents

List of Goals	7
Introduction	8
Goals, Objectives and Actions	10
In-Lake Habitat and a Healthy Lake	11
The Fish Community	12
GOAL 1	16
The Aquatic Plant Community	19
GOAL 2	20
Aquatic Invasive Species (AIS)	21
Managing EWM/HWM in McDill Pond	23
GOAL 3	24
Aquatic Plant Management Plan	26
Harvesting in McDill Pond	27
GOAL 4	28
Managing EWM/HWM in McDill Pond	33
GOAL 5	33
EWM/HWM Management Options for McDill Pond	34
Landscapes and the Lake	40
Water Quality and Land Use	42
GOAL 6	47
Shorelands and Critical Habitat	53
GOAL 7	57
McDill Pond 2013 Shoreland Inventory	61
McDill Pond 2010 Shoreland Inventory	77
McDill Pond 2010-2013 Shoreland Inventory Comparison	78

People and the Lake	80
Recreation	80
GOAL 8	82
History and Ownership of the Dam	86
Communication and Organization	87
GOAL 9	87
Updates and Revisions	90
GOAL 10	90
Aquatic Plant Management Plan	91
Background Information (from 2002-2003 study)	94
Description	94
Watershed	95
Sensitive Areas	95
Shoreline	95
Aquatic Plants	96
Water Quality and Land Use	96
Nutrients	98
Recreation	100
Governance	100
References	101
Atrazine Prohibition Areas	102

Glossary: <https://www.co.portage.wi.us/home/showpublisheddocument/37868/637994482901230000>

Staff Resource Directory: <https://www.co.portage.wi.us/home/showpublisheddocument/37918/637995324494400000>

List of Goals

Goal 1. The fishery in McDill Pond will resemble pre-drawdown 2008/2009 populations.

Goal 2. District board/members, shoreland property owners and lake users will be informed about aquatic plants to help them make appropriate decisions about aquatic plant management.

Goal 3. Prevent new aquatic invasive species (AIS) from becoming established in McDill Pond.

Goal 4. Harvesting in McDill Pond will be conducted by trained personnel in a manner that is safe and follows the guidance laid out in this plan and WDNR permits.

Goal 5. Manage EWM/HWM in McDill Pond to minimize spread, ensure a healthy aquatic ecosystem, and provide recreational opportunities.

Goal 6. Water quality in McDill Pond will be below problematic concentrations, including phosphorus, inorganic nitrogen and chloride.

Goal 7. *Healthy shoreland vegetation will be protected, and disturbed shoreland vegetation will be restored. The District will know they have been successful when 70% of the shoreland buffer is intact.*

Goal 8. A variety of recreational opportunities will be available on and near McDill Pond that protect the healthy ecosystem and safety of lake users.

Goal 9. For successful implementation of this plan, communication will occur between MILPRD members, watershed residents, and other partners identified in this plan.

Goal 10. Keep the information and resources within the McDill Pond Management Plan current and up to date.

Introduction

McDill Pond is a 261-acre impoundment of the Plover River located in the City of Stevens Point and the Village of Whiting in Portage County, Wisconsin. It has a maximum depth of 14 feet (Wisconsin Department of Natural Resources, 2005). A public boat launch is located on the western shore. This urban pond has a small park below the dam that serves an abundance of waterfowl and an osprey near the northern tip. The original dam was constructed in 1853 for logging operations. The pond is used and enjoyed by shoreland property owners. Many visitors also value the pond for its natural beauty, peace and tranquility, wildlife viewing, and recreational opportunities including fishing, enjoying scenery, kayaking, and motor boating.

The purpose of lake management plans is to provide guidance to prevent or solve problems that may harm lake ecosystems. The development of lake management plans for McDill Pond and 28 other Portage County lakes is the second phase of the Portage County Lakes Study. During the first phase, data collection was completed for the 29 lakes. Researchers focused on data related to topics affecting lake health, including water quality, shoreline development, amphibian habitat, fisheries, and aquatic plants. A summary of the study result can be found in the Background Information (from 2002-2003 study) section of this document.

The purpose of this lake management plan is to provide guidance to prevent or solve problems that may harm McDill Pond and its watershed.

As important as data collection is to any management plan, the success of the plan depends upon citizen involvement. The McDill Pond management plan was developed by interested citizens, local organizations, and professionals who applied the data while actively gathering additional citizen input. A citizen survey was conducted to learn about values, opinions, and any perceived issues with the pond. The survey was sent to 146 residences within the McDill Inland Lake Protection and Rehabilitation District and 283 residences outside of the District within the watershed. The survey was also available online for any members of the public interested in participating. Fifty-four citizen surveys from within the District were returned, for a response rate of %. Forty-five surveys from outside the District within the watershed were returned, for a response rate of %.

The members of the McDill Pond management planning committee met monthly for four months, learning about topics related to the pond and developing this lake management plan.

Who can use this plan, and how can it be used?

- **Individuals:** Individuals can use this plan to learn about the lake they love and their connection to it. People living near McDill Pond can have the greatest influence on the pond by understanding and choosing lake-friendly options to manage their land and the pond.
- **McDill Inland Lake Protection and Rehabilitation District (MILPRD):** This plan provides the District with a well thought-out plan for the pond and lists options that can easily be prioritized. Annual review of the plan will also help realize accomplishments related to the pond. Resources and funding opportunities for lake management activities are made more available by placement of goals into the lake management plan, and the local organizations can identify partners to help achieve their goals for McDill Pond.
- **Neighboring lake groups, sporting and conservation clubs:** Neighboring groups with similar goals for lake stewardship can combine their efforts and provide each other with support, improve competitiveness for funding opportunities, and make efforts more enjoyable.
- **The City of Stevens Point and Village of Whiting:** The City and Village can consider the visions, wishes, and goals documented in this lake management plan when considering municipal-level management planning or decisions within the watershed that may affect McDill Pond.
- **Portage County:** County professionals will better know how to identify needs, provide support, base decisions, and allocate resources to assist in lake-related efforts documented in this plan. This plan can also inform county board supervisors in decisions related to Portage County lakes, streams, wetlands and groundwater.
- **Wisconsin Department of Natural Resources (WDNR):** Professionals working with lakes in Portage County can use this plan as guidance for management activities and decisions related to the management of the resource, including the fishery and invasive species. Lake management plans help the WDNR to identify and prioritize needs within Wisconsin's lake community, and decide where to apply resources and funding. A well thought-out lake management plan increases an application's competitiveness for state funding– if multiple Portage County lakes have similar goals in their lake management plans, they can join together when seeking grant support to increase competitiveness for statewide resources.

2023 UPDATE

A resident survey was conducted in 2023. This survey was approved by the WI DNR prior to sending it out. McDill Pond Inland Lake Protection and Rehabilitation District took the lead on sending the resident survey. The resident survey was hybrid, being available both electronically and hardcopy if requested. All results from the resident survey were put into a document and shared with the McDill Pond Inland Lake Protection and Rehabilitation District. The results will also be shared throughout this lake management plan update. For a full copy please visit: <https://mcdillpond.com/wp-content/uploads/2023/02/McDill-Pond-Resident-Survey-Results-2023.pdf>

Goals, Objectives and Actions

The overall goal for McDill Pond is to keep it as it is or better than it is.

The following goals, objectives, and associated actions were derived from the values and concerns of citizens and members of the McDill Pond Management Planning Committee, and the known science about McDill Pond, its ecosystem and the landscape within its watershed. Implementing and regularly updating the goals and actions in the McDill Pond Management Plan will ensure that the vision is supported and that changes or new challenges are incorporated into the plan. A management plan is a living document that changes over time to meet the current needs, challenges and desires of the lake and its community. **The goals, objectives and actions listed in this plan should be reviewed annually and updated with any necessary changes.**

Although each lake is different, to ensure a lake management plan considers the many aspects associated with a lake, the Wisconsin Department of Natural Resources requires that a comprehensive lake management plan address, at a minimum, a list of topics that affect the character of a lake, whether each topic has been identified as a priority or as simply something to preserve. These topics comprise the chapters in this plan. For the purposes of this plan, the chapters have been grouped as follows:

In-Lake Habitat and a Healthy Lake

Fish Community—fish species, abundance, size, important habitat and other needs

Aquatic Plant Community—habitat, food, health, native species, and invasive species

Critical Habitat—areas of special importance to the wildlife, fish, water quality, and aesthetics of the lake

Landscapes and the Lake

Water Quality and Quantity—water chemistry, clarity, contaminants, lake levels

Shorelands—habitat, erosion, contaminant filtering, water quality, vegetation, access

Watershed Land Use—land use, management practices, conservation programs

People and the Lake

Recreation—access, sharing the lake, informing lake users, rules

Communication and Organization—maintaining connections for partnerships, implementation, community involvement

Updates and Revisions—continuing the process

Governance—protection of the lake, constitution, state, county, local municipalities, McDill Inland Lake Protection & Rehabilitation District

In-Lake Habitat and a Healthy Lake

Many lake users value McDill Pond for its fishing, wildlife, and good water quality. These attributes are all interrelated; the health of one part of the lake system affects the health of the rest of the plant and animal community, the experiences of the people seeking pleasure at the lake, and the quality and quantity of water in the lake. Habitat is the structure for a healthy fishery and wildlife community. It can provide shelter for some animals and food for others.

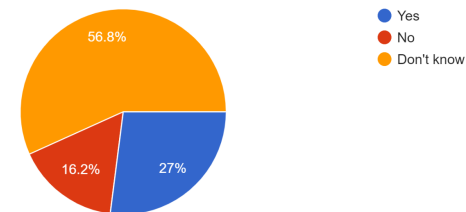
Lake habitat occurs within the lake, along all of its shorelands, and even extends into its watershed for some species. Many animals that live in and near the lake are only successful if their needs – food, a healthy environment, and shelter – are met. Native vegetation including wetlands along the shoreline and adjacent to the lake provides habitat for safety, reproduction, and food, and can improve water quality and balance water quantity. Some lake visitors such as birds, frogs, and turtles use limbs from trees that are sticking out of the water for perches or to warm themselves in the sun. Aquatic plants infuse oxygen into the water and provide food and shelter for waterfowl, small mammals, and people. The types and abundance of plants and animals that comprise the lake community also vary based on the water quality, and the health and characteristics of the shoreland and watershed. Healthy habitat in McDill Pond includes the aquatic plants, branches, and tree limbs above and below the water.



Photo: Portage County LWCD

Results from the 2023 McDill Pond Resident Survey

Do you feel there is enough in-lake habitat structure to support the fish community in McDill Pond?
37 responses



The Fish Community

A balanced fish community has a mix of predator and prey species, each with different food, habitat, nesting substrate, and water quality needs in order to flourish. Activities in and around a lake that can affect a fishery may involve disturbances to the native aquatic plant community or substrate, excessive additions of nutrients or harmful chemicals, removal of woody habitat, shoreline alterations, and/or an imbalance in the fishery. Shoreland erosion can cause sediment to settle onto the substrate, causing the deterioration of spawning habitat. Habitat can be improved by allowing shoreland vegetation to grow, minimizing the removal of aquatic plants, providing fallen trees or limbs in suitable areas, and protecting wetlands and other areas of critical habitat.

People are an important part of a sustainable fish community. Their actions on the landscape and the numbers and sizes of fish taken out of the lake can influence the entire lake ecosystem. Putting appropriate fishing regulations in place and adhering to them can help to balance the fishery with healthy prey and predatory species, can be adjusted as the fish community changes, and can provide for excellent fishing. Managing a lake for a balanced fishery can result in fewer expenses to lake stewards and the public. While some efforts may be needed to provide a more suitable environment to meet the needs of the fish, they usually do not have to be repeated on a frequently recurring basis. Protecting existing habitat such as emergent, aquatic, and shoreland vegetation, and allowing trees that naturally fall into the lake to remain in the lake are free of cost. Alternatively, restoring habitat in and around a lake can have an up-front cost, but the effects will often continue for decades. Costs in time, travel, and other expenses are associated with routine efforts such as fish stocking and aeration. Ideally, a lake contains the habitat, water quality, and food necessary to support the fish communities that are present within the lake and provide fishing opportunities for people without a lot of supplemental effort and associated expenses to maintain these conditions. The fishing regulations for McDill Pond can be found on the WDNR website:

http://cida.usgs.gov/wdnr_regs/apex/f?p=wdnr_fishing_regulations:lake_regulations:0::NO:20:P20_WBIC:1_403200#R770266518172521259.



Photo by: WI DNR

2014 Updates: The fish community of McDill Pond was surveyed by the Wisconsin Department of Natural Resources (WDNR) prior to the 2008 drawdown. The WDNR has scheduled another fish survey to be conducted in 2017. Additionally, northern pike regulation evaluations were currently underway statewide. According to Tom Meronek, WDNR Fisheries Biologist, the tree drop project that took place on McDill Pond in 2013 was successful, but its contribution to the fisheries is not yet determined.

According to Lake District notes: In May 2013, 3,000 perch and 4,500 bluegills were stocked in McDill Pond. At the end of August, fisheries biologists with the WDNR released 12,000 largemouth bass in the pond. The Izaak Walton League donated \$4,950 towards fish restocking. Fishing was reopened on 5/1/2013 for catch-and-release and to allow for carp removal. The Lake District board worked with the City attorney to revise a city ordinance that now allows a bow to be discharged for bow fishing of carp in McDill Pond. During summer 2013, Dave Muraski trapped 2,614 carp.

Numerous post-drawdown fishery surveys have been conducted. A fyke netting survey was done by the UW-Stevens Point Ichthyology and Aquarium Sciences Society in 2014 and another survey was done by students from the local high school in October 2014. To date, the survey data and interpretation have not been provided to the Lake District.

There are plans to stock crappie in 2016; the number will depend on available funding.

2022 Updates: The fish community of McDill Pond was surveyed by the Wisconsin Department of Natural Resources (WDNR) prior to the 2008 drawdown. The WDNR has scheduled another fish survey to be conducted in. Additionally, northern pike regulation evaluations were currently underway statewide. According to Tom Meronek, WDNR Fisheries Biologist, the tree drop project that took place on McDill Pond in 2013 was successful, but its contribution to the fisheries is not yet determined.

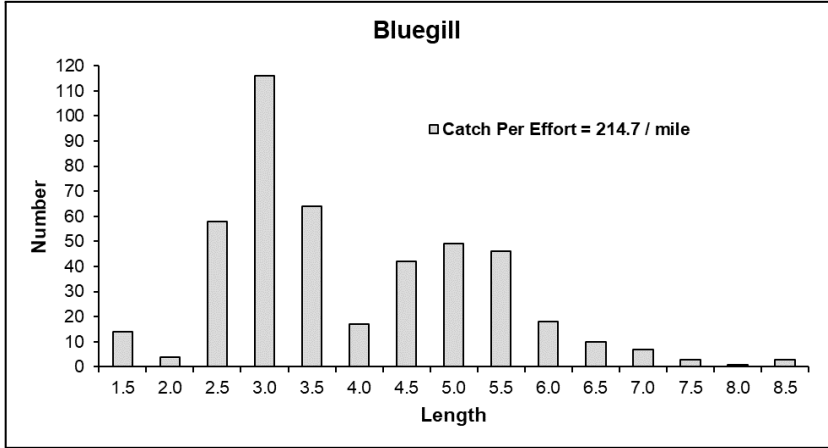
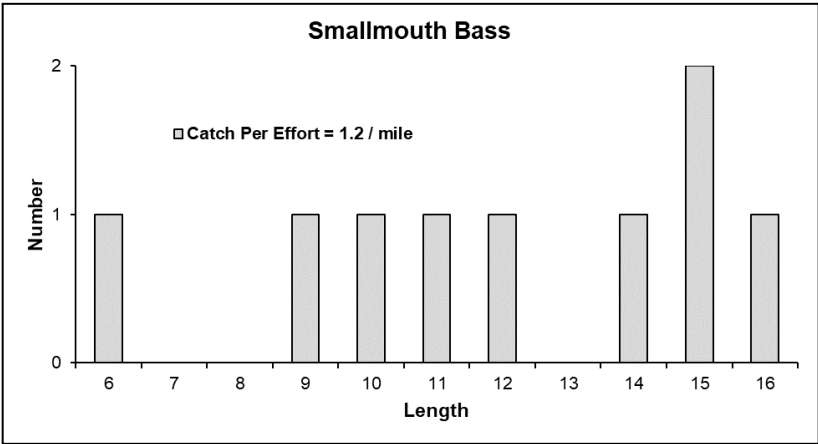
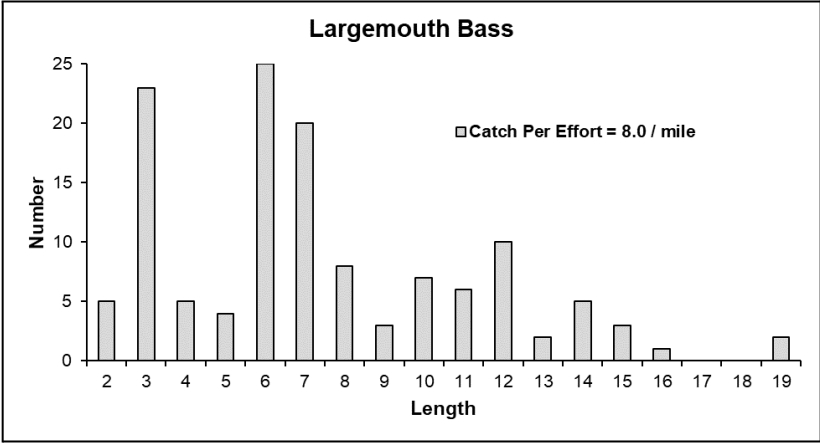
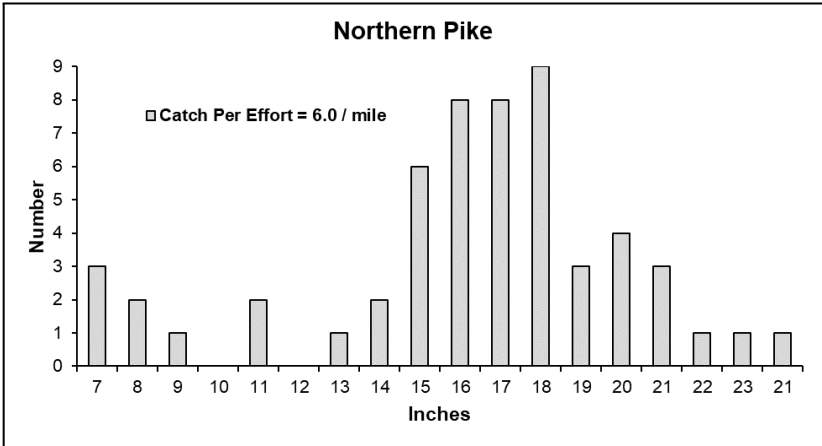
According to Lake District notes: In May 2013, 3,000 perch and 4,500 bluegills were stocked in McDill Pond. At the end of August, fisheries biologists with the WDNR released 12,000 largemouth bass in the pond. The Izaak Walton League donated \$4,950 towards fish restocking. Fishing was reopened on 5/1/2013 for catch-and-release and to allow for carp removal. The Lake District board worked with the City attorney to revise a city ordinance that now allows a bow to be discharged for bow fishing of carp in McDill Pond. During summer 2013, Dave Muraski trapped 2,614 carp.

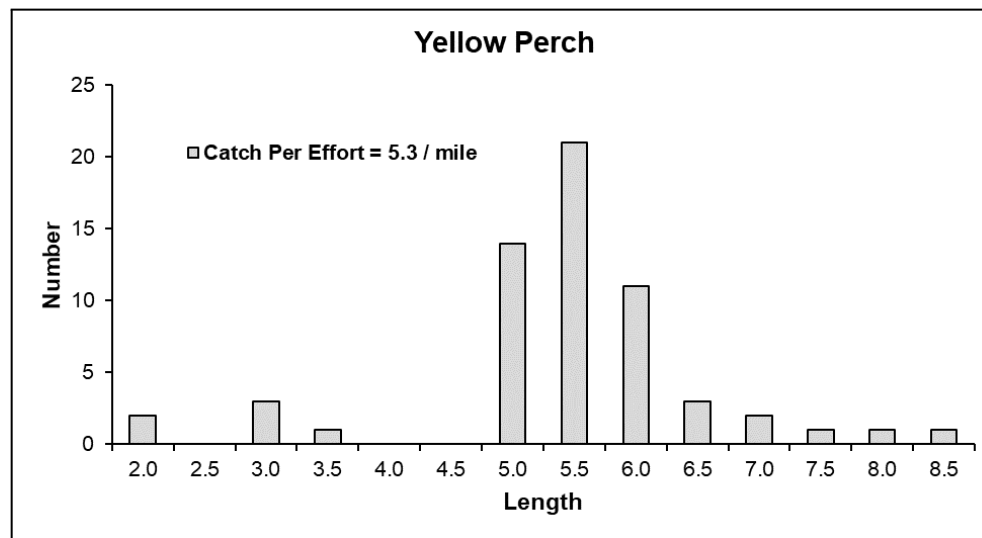
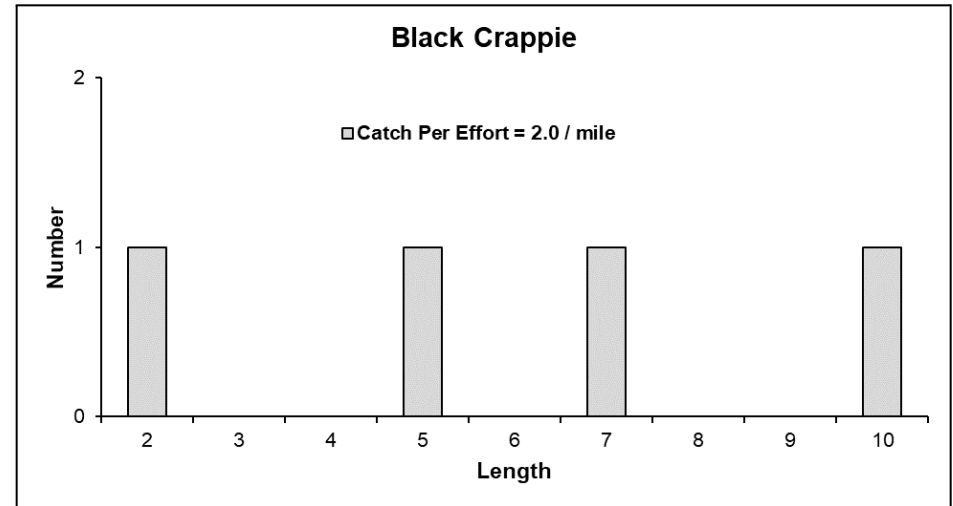
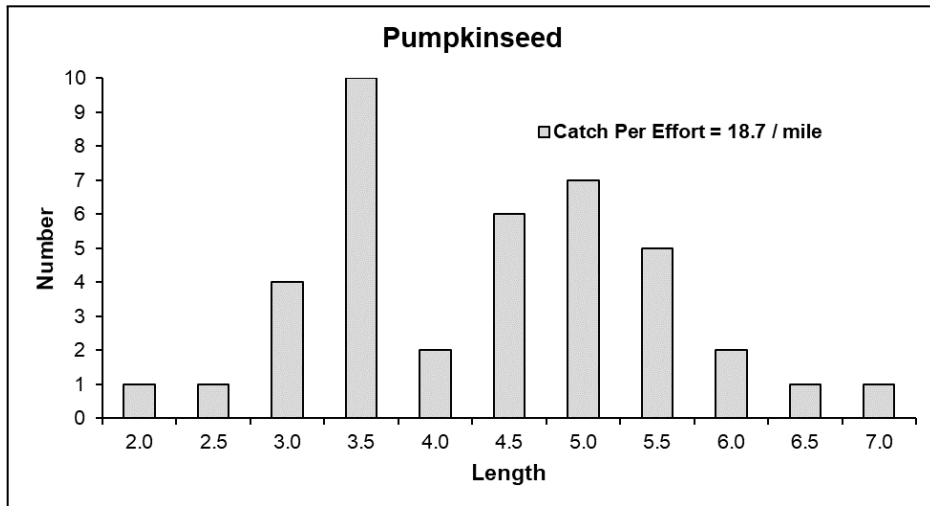
Numerous post-drawdown fishery surveys have been conducted. A fyke netting survey was done by the UW-Stevens Point Ichthyology and Aquarium Sciences Society in 2014 and another survey was done by students from the local high school in October 2014. To date, the survey data and interpretation have not been provided to the Lake District.

Poaching incidents have occurred on McDill through the years with local fishermen providing reports of individuals poaching up to 2500 fish during the ice fishing season. A review of the fish size limits is being asked of WI DNR to determine if lowering the daily limits should occur to allow the population to recover.

WDNR Fisheries Report

McDill Pond’s fish community was surveyed by the Wisconsin Department of Natural Resources (WDNR) using fyke nets in the fall of 2008 and spring of 2009. Electrofishing surveys by the WDNR also occurred in the fall of 2016 and spring of 2017. Currently, the next WDNR fisheries survey on McDill Pond is planned for the spring of 2029. For a fisheries lake class, McDill Pond is considered a riverine system with a simple sportfish assemblage. During the most recent electrofishing surveys conducted in 2016 and 2017, a total of 56 northern pike, 129 largemouth bass, 9 smallmouth bass, 452 bluegill, 40 pumpkinseed, 4 black crappie, and 60 yellow perch were captured. Below shows the length-frequency figures for each species and electrofishing catch rates (number captured per mile).





Guiding Vision for the Fish Community

The McDill Pond planning committee envisions a healthy fishery that is comprised of quality-sized fish that are edible.

Goal 1. The fishery in McDill Pond will resemble pre-drawdown 2008/2009 populations.

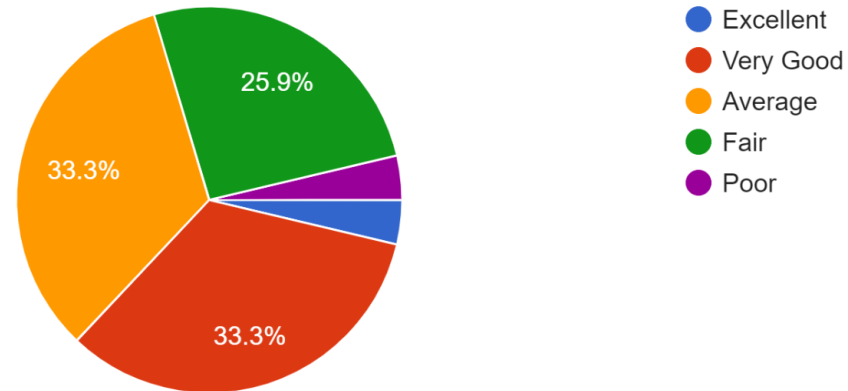
Objective 1.1. Work with fisheries biologists with the WDNR to develop management strategies to reach and maintain 2008/2009 fish populations and verify strategies are achieving the strategic goals: Northern Pike PSD=30-60%, Largemouth Bass PSD=30-60%, Bluegill PSD=20-40%, Pumpkinseed PSD=20-40%, Black Crappie=20-40%, Yellow Perch=30-60%.

Action	Lead person/group	Start/end dates	Resources
WDNR Fisheries Biologists will routinely survey the fishery in McDill Pond.	MILPRD	Completed in 2008-2009, 2016-2017 Scheduled for 2029	WDNR Fisheries Biologist
Request the results of fishery surveys from the WDNR and work with the WDNR Fisheries Biologist to interpret results and determine if the fishery is healthy.	MILPRD	Ongoing	WDNR Fisheries Biologist
Decrease the panfish daily bag limit from the current 25 panfish/day to 10 panfish/day	MILPRD	Goal for implementation starting the 2026 fishing season	WDNR Fisheries Biologist
Check on the health/quality of the fish annually.	MILPRD	Survey conducted in 2014 by UWSP Ichthyology and Aquarium Science Society (Dr. Sipiorski)	WDNR Fisheries Biologist UWSP Fisheries Society
Continue to monitor the carp population to determine if it is growing. Communicate with the WDNR Fisheries Biologist and explore taking action if the situation becomes more serious.	MILPRD	Ongoing	WDNR Fisheries Biologist
Provide education about using catch and release for larger size fish in McDill Pond – ask residents and ice fishermen to remind people about it.	MILPRD	Ongoing	WDNR Fisheries Biologist Extension Lakes
Explore potential future data collection opportunities on PFAS levels in the McDill Pond waterway and/or fish.	MILPRD	Ongoing	WDNR Fisheries Biologist Portage County Water Resource Specialist

Results from the 2023 McDill Pond Resident Survey

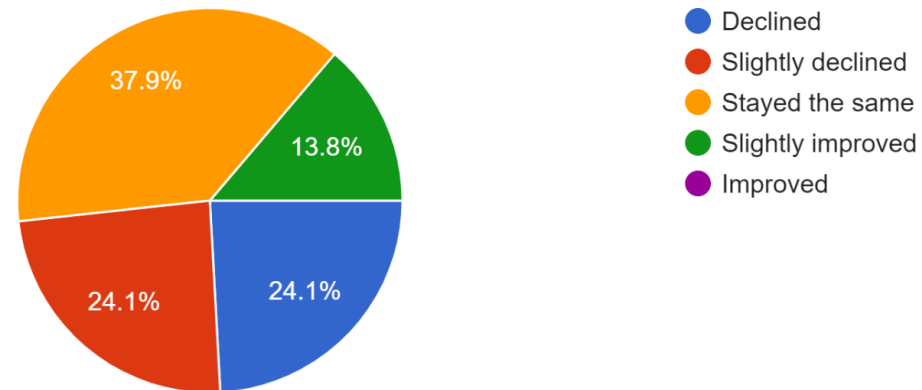
How would you rate the fishing in the lake?

27 responses



In general, how has the quality of the fishing on McDill Pond changed since you began?

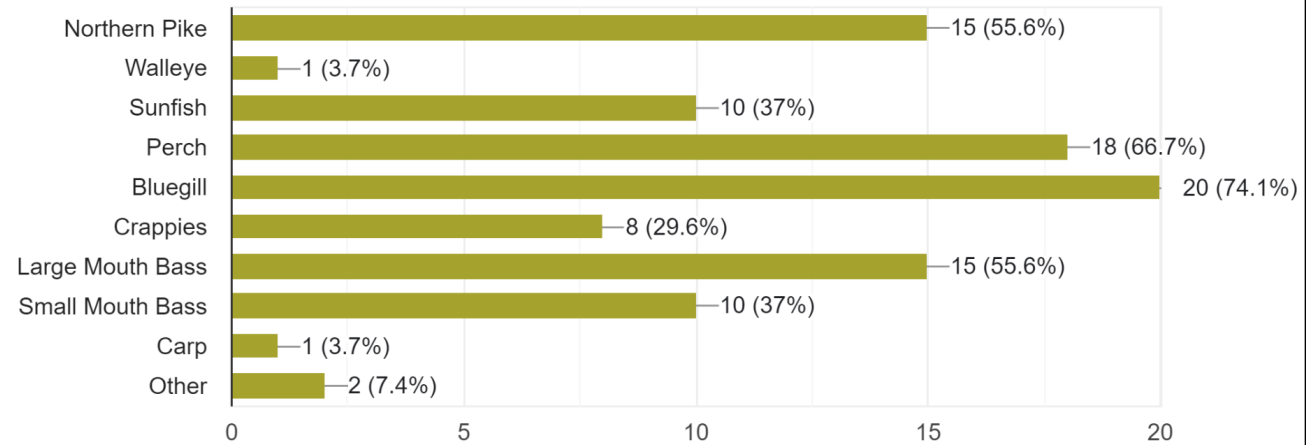
29 responses



Results from the 2023 McDill Pond Resident Survey

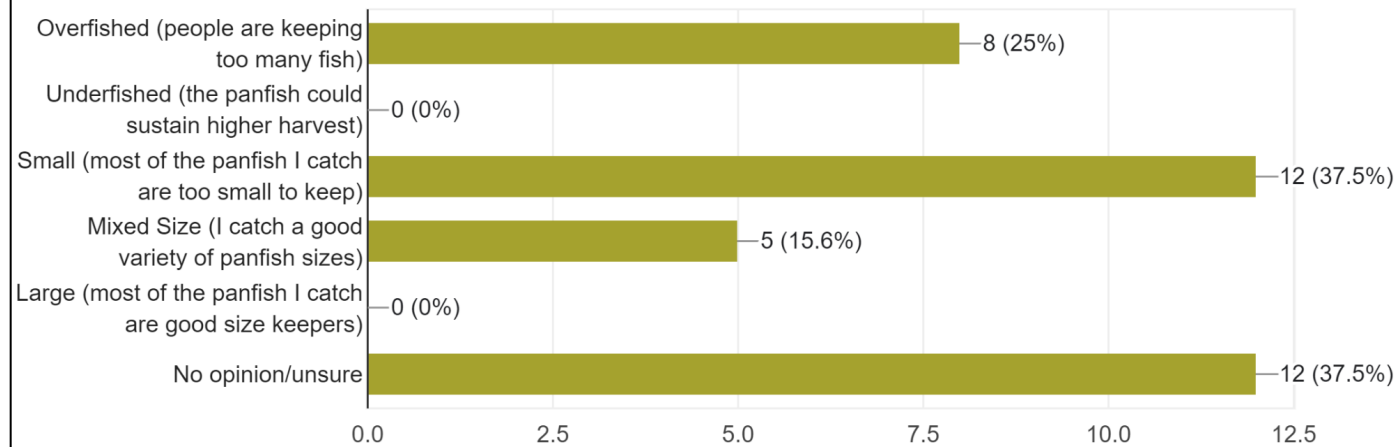
When you go fishing on McDill Pond, what species do you typically fish for?

27 responses



In general, would you say the panfish in McDill Pond are (check all that apply)

32 responses



The Aquatic Plant Community

Aquatic plants comprise an essential part of McDill Pond's ecosystem. They provide food and habitat for spawning, breeding, and survival for a wide range of inhabitants and lake visitors including fish, waterfowl, turtles, amphibians, as well as invertebrates and other animals. They improve water quality by releasing oxygen into the water and utilizing nutrients that would otherwise be used by algae. A healthy lake typically has a variety of aquatic plant species which creates diversity that makes the aquatic plant community more resilient and can help to prevent the establishment of non-native aquatic species. Healthy aquatic plant communities, along with vigilant watch, will help to limit new aquatic invasive species from becoming established in McDill Pond. Aquatic plant growth is dense in some areas. This can negatively affect recreation on the pond, enjoyment by users, and economic benefits.

2014 Updates: Citizens and District members who attended the McDill Pond plan update session reported an overabundance of aquatic plants. Since 1992, management of invasive Eurasian watermilfoil (EWM) has occurred annually through various techniques, including hand-pulling, chemical treatments and mechanical harvesting. See the Aquatic Invasive Species (AIS) section for more details.

Enforcement action was issued in 2015, due to non-compliance with permit conditions for mechanical harvesting of invasive EWM. The District should take steps to add the appropriate harvester maps/technology to the harvesting equipment, and to follow the guidance provided in permits to avoid future infractions.

2022 Updates: Citizens and District members who attended the McDill Pond meetings are reporting an overabundance of aquatic plants. Since 1992, management of invasive Eurasian watermilfoil (EWM) has occurred annually through various techniques, including hand-pulling, chemical treatments and mechanical harvesting. See the **Aquatic Invasive Species (AIS)** section for more details.

Guiding Vision for the Aquatic Plant Community

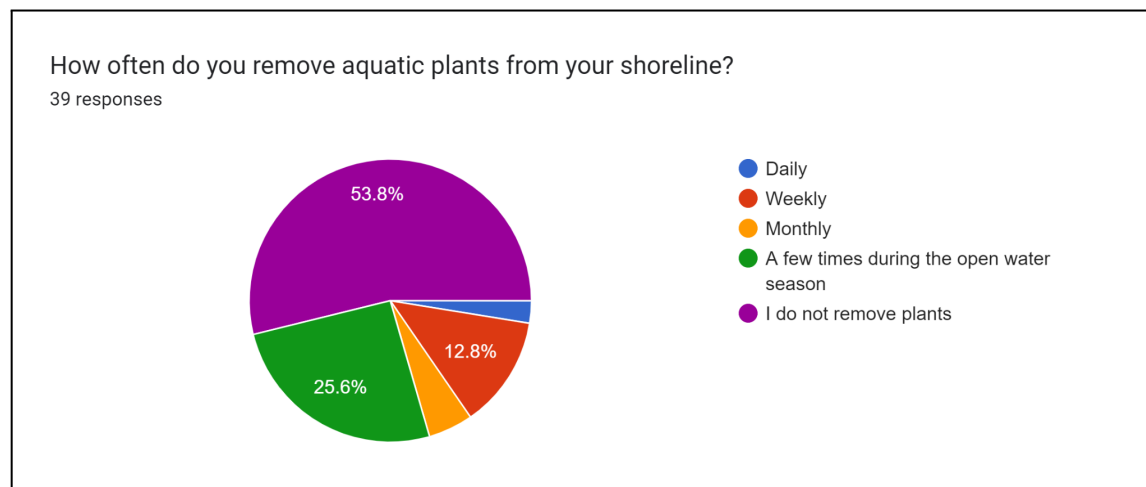
McDill Pond will have healthy native vegetation that provides habitat and reduces algal blooms. Steps will be taken to manage the current AIS and monitor for new AIS.

Goal 2. District board/members, shoreland property owners and lake users will be informed about aquatic plants to help them make appropriate decisions about aquatic plant management.

Objective 2.1. Inform users about aquatic plants through dissemination of information.

Actions	Lead person/group	Start/end dates	Resources
Conduct a survey of the aquatic plant community and share results.	MILPRD	Annually	WDNR Water Resource Specialist Consultant
Share information about the importance and maintenance of native aquatic plants in the pond through lake meetings, e-mails, welcome packet, newsletter, website.	MILPRD	Ongoing	Extension Lakes WDNR Water Resource Specialist
Encourage property owners to reduce/eliminate the use of fertilizer and take steps to reduce runoff that would deliver nutrients to the pond that feed aquatic plants and algae. Reminder to residents of voluntary twice a year fertilizer restriction. Education through FaceBook (https://www.facebook.com/McDillPondStevensPoint/) and Instagram(@mcdill_pond).	Shoreland and District property owners	Ongoing 2023	Portage Co. UWEX Portage Co. Land & Water Conservation Dept.

Results from the 2023 McDill Pond Resident Survey



Aquatic Invasive Species (AIS)

Aquatic invasive species are non-native aquatic plants and animals that are most often unintentionally introduced into lakes by lake users. This most commonly occurs on trailers, boats, equipment, and from the release of bait. In some lakes, aquatic invasive plant species can exist as part of the plant community, while in other lakes populations explode, creating dense beds that can damage boat motors, make areas non-navigable, inhibit activities like swimming and fishing, and disrupt the lakes' ecosystems.

Invasive aquatic and/or terrestrial species that have been documented in McDill Pond include *curly-leaf pondweed* (2000), *Eurasian watermilfoil* (1992), *hybrid watermilfoil* (2011), *Japanese knotweed* (2009), *phragmites (non-native)* (2013), and *rusty crayfish* (2009).

See the Aquatic Plant Management Plan section for more information on EWM/HWM management options as well as related goals and objectives.

General recommendations for managing and reducing the spread of AIS:

AIS are being brought into McDill Pond on boats/trailers and on fishing equipment used directly in the pond and upstream of McDill Pond. To prevent the further spread and/or establishment of new AIS in McDill Pond, shoreland property owners and users of Bentley Pond, Jordan Pond, McDill Pond and the Plover River should be informed of proper cleaning techniques for boating and fishing equipment.

Reducing nutrients that travel across the landscape and into the lake can help lessen excessive plant growth. Maintaining a healthy amount of native aquatic plants can help to reduce the frequency and intensity of algal blooms. Denuded lakebeds can increase the potential for AIS establishment, and sediment stirred up by wind or boats can mix phosphorus into the water where algae can use it for growth.

AIS can be better managed if routine monitoring is done annually (or more frequently) by volunteers trained in AIS identification and proper removal methods. If other AIS are found or suspected, lake users/residents can refer to the AIS Rapid Response Plan in the appendices for instructions. Monitoring efforts can be coordinated with local lake citizens, Golden Sands Resource Conservation & Development Council, Inc. (Golden Sands RC&D), and WDNR aquatic plant biologists.

AIS can be removed from the pond by non-mechanical means without a permit. The plant material should be discarded on land away from the pond or channels. Since EWM/HWM can spread from fragments, proper techniques should be followed to avoid spread and to ensure the plant and its deep roots are completely removed.

Rusty crayfish

Rusty crayfish are more aggressive than native crayfish so they are likely to displace native crayfish. Feeding habitats are different for the two species, so reductions in the abundance and diversity of aquatic plants have been observed in some lakes. Aquatic plants provide important habitat for fish and other aquatic animals, as well as prevent erosion. By damaging underwater habitat, fish may lose spawning habitat, protective cover, and food. Many species of fish that normally eat native crayfish do not eat the larger and more aggressive rusty crayfish. Rusty crayfish reproduce quickly and females lay 80-575 eggs! For more information, visit: www.dnr.wi.gov/topic/invasives/fact/rustycrayfish2012.

Rusty crayfish have been identified in McDill Pond since 2006. They are established upriver, so successfully managing them in McDill Pond is not realistic.

Curly-leaf pondweed (CLP)

Curly-leaf pondweed (CLP) can live in harmony within the aquatic plant community, but may become invasive. The die-off of large beds of CLP in June can contribute to nuisance algal blooms throughout the summer. Harvesting CLP in McDill Pond in late May or early June can remove nutrients from the pond.

CLP has been identified in McDill Pond since 2000, but has not been abundant enough to cause concern. CLP is also present in Jordan Pond.

Eurasian watermilfoil/Hybrid watermilfoil (EWM/HWM)

In some lakes, Eurasian watermilfoil (EWM) can exist as part of the plant community, while in others EWM can create dense beds that can damage boat motors, make areas non-navigable, and inhibit swimming and fishing. This plant can produce viable seed; however, it often spreads by fragmentation. Just a small fragment of the stem is enough to start a new plant, so spread can occur quickly if plants are located near areas of activity such as beaches and boat launches. EWM can hybridize with native milfoil. Hybrid watermilfoil (HWM) appears to be more resistant to chemical treatment. EWM has been identified in McDill Pond since 1992, and HWM was confirmed in 2011. Monitoring, developing, and following strategies for controlling EWM/HWM are essential for keeping populations manageable.



Rusty Crayfish



Curly-leaf pondweed (CLP)



Eurasian watermilfoil (EWM)

Since EWM was first identified in McDill Pond in 1992 and HWM in 2011, removal efforts including chemical treatment and mechanical harvesting have been conducted (Table 1). The most recent point-intercept (P.I.) survey was conducted in 2022 by Clarke Aquatic Services

Table 1. History of EWM/HWM management in McDill Pond.

Year		Point-Intercept (P.I.) Survey	Other Survey	Hand-pulling	Hand-pulling (Divers)	Milfoil Weevil Assessment	Water Level Manipulation	Mechanical Harvesting	Chemical Treatment	
									"Spot"	Whole-Lake
1992	EWM first documented in McDill Pond.							X		
2008	Winter drawdown for EWM			X			X			
2009	Applied for WDNR AIS grant.							X	X	
2010	Chemical treatments with 2-4D used			X					X	
2011	HWM confirmed in McDill Pond.		X	X						
2011 - 2013	Long term drawdown for dam repair						X			
2014	harvesting and hand pulling resume		X	X				X		
2015	Chemical treatment spot treatments resume							X	X	
2016	Change in treatment to Diquat							X	X	
2017	Change in Applicator/method with much improved results							X	X	
2021	First ProcellaCor in Spring Slough successful							X	X	
2022	First Fall ProcellaCor treatment								X	

Goal 3. Prevent new aquatic invasive species (AIS) from becoming established in McDill Pond.

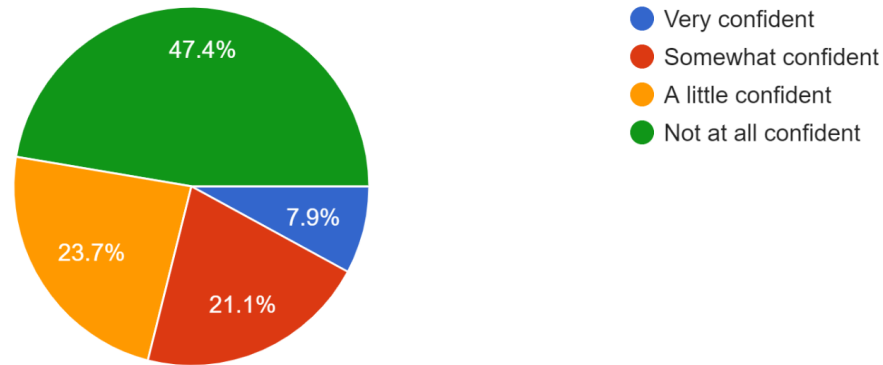
Objective 3.1. Prevent any new AIS from entering McDill Pond through monitoring and disseminating information. If a species is professionally confirmed in the pond, quickly assess the extent of its presence and remove it using proper procedures and techniques.

Actions	Lead person/group	Start/end dates	Resources
Learn about native plants and AIS through plant identification workshops.	MILPRD	conducted in 2016 Request for 2023	Golden Sands RC&D
Form a group of citizens to routinely monitor for new AIS.	MILPRD	2016	Golden Sands RC&D Extension Lakes
Install and maintain signage about AIS at the boat landings.	Village of Whiting	Ongoing	WDNR City of Stevens Point Golden Sands RC&D
Establish a Clean Boat, Clean Waters (CBCW) program at boat landing on Opening Fishing, Memorial, and Labor Day weekends.	MILPRD	Ongoing	Extension Lakes Golden Sands RC&D
Monitor for new AIS. Use the AIS Rapid Response Plan if new AIS are found or suspected (appendices). Update the AIS Rapid Response plan annually.	MILPRD	Ongoing	Extension Lakes WI DNR Golden Sands RC&D

Results from the 2023 McDill Pond Resident Survey

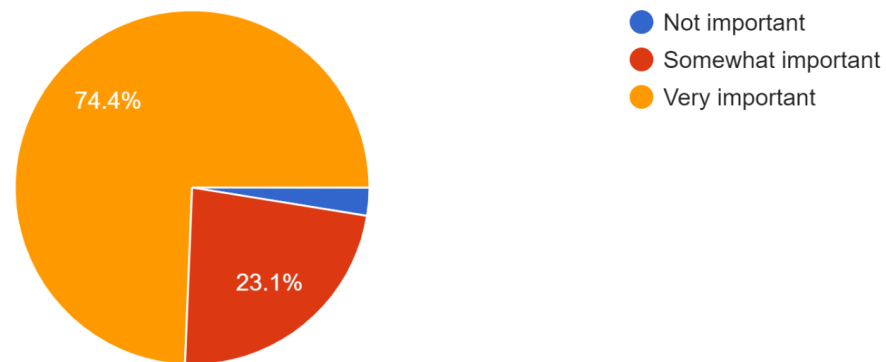
How confident are you in your ability to identify invasive aquatic plants apart from native aquatic plants?

38 responses



How important is it to you that McDill Pond tries to manage Aquatic Invasive Species (AIS)?

39 responses



Aquatic Plant Management Plan

Purpose: To Maintain Navigation and Manage Existing AIS

The management options outlined in this plan were selected to achieve a balance between healthy aquatic habitat, a healthy fishery, good water quality, and recreational access. Responses to control efforts differ within McDill Pond from year-to-year. No single approach should be applied every year; often the selection of multiple options and adaptive year-to-year changes in strategy will be most successful in achieving the management goals. Each year, the state of the aquatic plants in McDill Pond should be assessed. During fall or winter, the results of the assessment (surveys, maps marked with CLP beds, etc.) should be reviewed by the MILPRD with assistance from the WDNR Water Resource Specialist, a consultant, and Golden Sands RC&D. Others may also be involved. With this team, the strategy for the upcoming year should be developed based on conditions. The strategy may include one or more of the following options. Some of the options require a WDNR permit.

Annual discussions to select the options for upcoming management activities should include identifying strategies to 1) allow for access and navigation; 2) control EWM/HWM; and, 3) reduce CLP biomass. The following information should be used to guide the discussions for a given year.

1) Aquatic plant survey - conducted annually

a. Visual Survey (target species: CLP, EWM)

- i. Use for CLP beds.
- ii. Only appropriate for EWM/HWM when large-scale (greater than 10 acres) chemical treatments are NOT being conducted.

b. Point-Intercept (P.I.) Survey

- i. Conducted by professionals.
- ii. Required before and after a large scale (greater than 10 acres) chemical treatment is conducted.
- iii. To obtain a harvesting permit.
- iv. To establish the extent of EWM/HWM in the pond for decisions about harvesting of the pond.
- v. Required every 5 years for updates to this aquatic plant management plan.

2) Success and problems reported by shoreland residents, lake users, professionals.

3) Adjust/review the management strategy annually in fall/winter

- a. Review the most recent aquatic plant surveys to determine management strategies for the upcoming year.
- b. At a minimum, the meeting to discuss the upcoming strategy should include MILPRD, WDNR water resource specialist and a consultant.

Reducing the movement of nutrients to the pond and nutrients in the pond can help to reduce the frequency and duration of algal blooms and the amount of aquatic plant growth. Managing nutrients from the landscape by eliminating or reducing fertilizers, managing manure, and controlling runoff can reduce nutrient delivery to the pond. Refer to the Water Quality and Land Use section of this plan for more details. The removal of aquatic plant material through harvesting can help to reduce the nutrients already in the pond, while chemical treatments allow nutrients in the dead plant tissue to continue cycling within the pond.

Harvesting in McDill Pond

Permit Required

Harvesting is a management technique allowed in McDill Pond in water depths greater than 3 feet in approved zones (Figure 1). Harvesting in the pond can be done for two distinct reasons: 1. management for navigation and access (native species), and 2. removal of CLP biomass/nutrients. To avoid the spread of EWM/HWM by fragmentation, EWM/HWM beds should be avoided by the harvester. If the percent EWM/HWM in the pond is the most dominant species (based on professionally generated surveys), the EWM/HWM would be considered excessive in the pond and mechanical harvesting would be allowed if it becomes the dominant species. Maintain a record of the truckloads of aquatic plants removed during harvesting.



Skimming

Permit Required

Skimming is allowed in McDill Pond for the purpose of removing dislodged plant material and floating algal mats that impair navigation or waterway use. During the skimming process, no harvesting of emergent vegetation (cattails, bulrushes, lilies, pickerelweed, etc.) can be removed outside of the general harvesting map. These plants must be avoided. Skimming could be conducted in the approved zones of the pond after June 15th (Figure 2). Before operations may commence, approval from the WDNR Aquatic Plant Management Coordinator must be obtained by contacting him/her 24 hours ahead of time. Skimming must be conducted during normal business hours, Monday through Friday. To avoid disturbance of sediment, skimming will be achieved with harvesters using the conveyor or cutting deck that is being operated at one foot or less below the water. To avoid disturbance of sediment in shallower locations, a smaller harvester unit may be used to skim. Skimming may also occur with a harvester boom (cranberry boom) or “lake comb” to pull floating mats from shallow areas to deeper locations where larger harvesters can then remove the material.

Goal 4. Harvesting in McDill Pond will be conducted by trained personnel in a manner that is safe and follows the guidance laid out in this plan and WDNR permits.

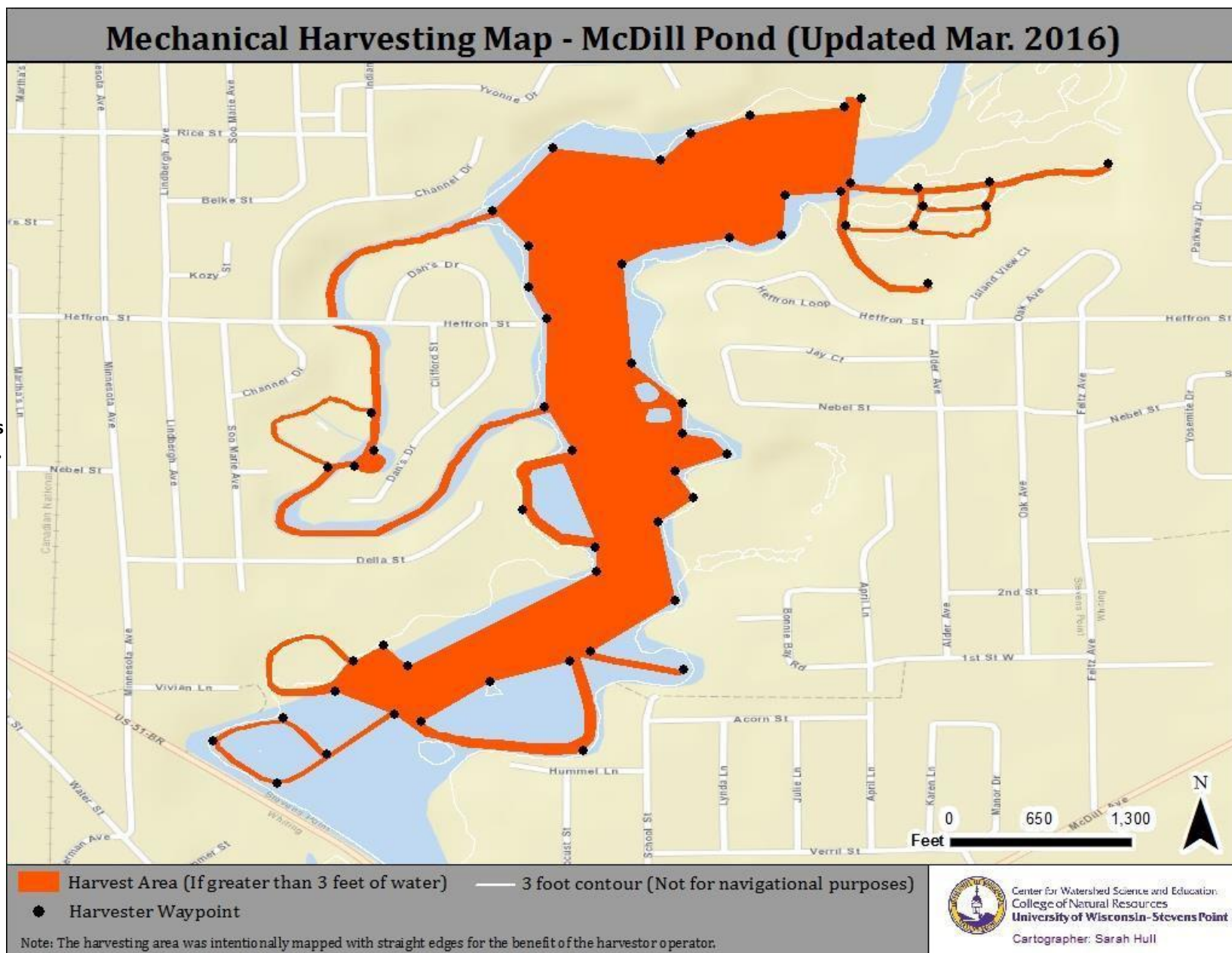
Objective 4.1. Harvesting in McDill Pond will be conducted using appropriate equipment with personnel that understand this guidance and are trained in the use of the technology, harvester, safety rules, and how to identify EWM/HWM.

Actions	Lead person/group	Start/end dates	Resources
To ensure that MILPRD are harvesting in water depths greater than 3 feet and in the approved zones, the following should be mounted on the cutter end of the harvesters: depth finder that includes a geo-referenced map of allowable harvesting zone	MILPRD	2016 and ongoing	WDNR Water Resource Specialist
Ensure that safety guidelines are followed and necessary safety gear is provided on the harvester. Maintain the equipment to be safe for operators and operation.	MILPRD	Ongoing	Consultants
Conduct training sessions for harvester operators.	MILPRD	Annually and as needed	Consultants WDNR Water Resource Specialist
To avoid EWM/HWM beds, harvester operators should learn to identify EWM/HWM.	MILPRD	Annually	Golden Sands RC&D
Document the number of truckloads of aquatic plants removed during harvesting. Keep logs for use in future management decisions.	MILPRD	Ongoing during harvesting	WDNR Water Resource Specialist
Develop a new harvesting management team either with Lake District owned or City owned operations.	MILPRD	Ongoing	WDNR Water Resource Specialist City of Stevens Point

Objective 4.2. Manage curly-leaf pondweed (CLP) in McDill Pond so that less than 20% of McDill Pond is infested in early June.

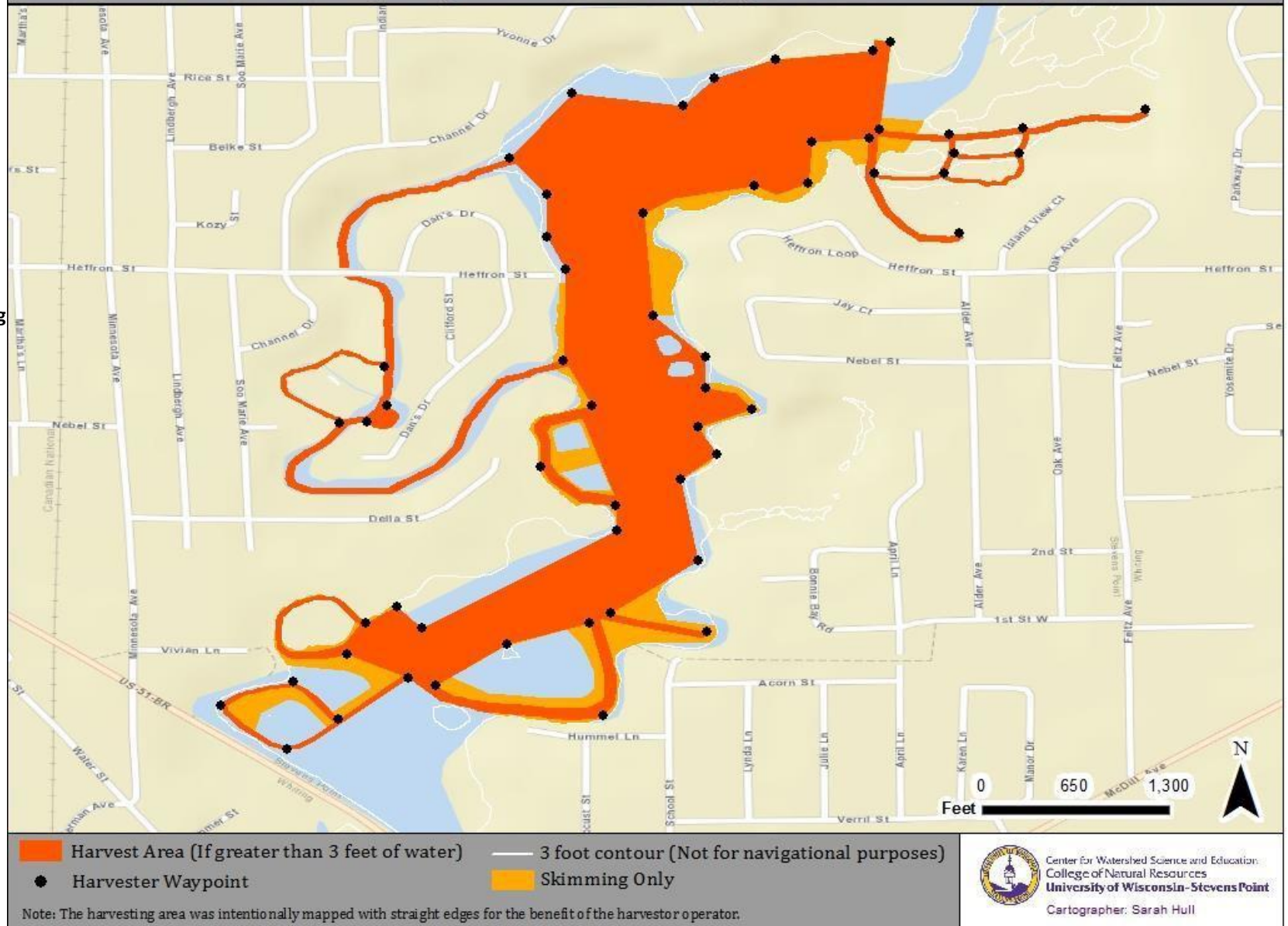
Action	Lead person/group	Start/end dates	Resources
Volunteers and harvester operators should learn to identify and monitor CLP.	MILPRD	Annually	Golden Sands RC&D
Routinely monitor CLP, and document the presence of CLP beds on a map in June.	MILPRD	Annually (early/mid-June)	WDNR Water Resource Specialist Golden Sands RC&D Consultant
Harvest CLP to reduce nutrients in McDill Pond in water depths greater than 3 feet.	MILPRD	Annually in early/mid-June or as needed	WDNR Water Resource Specialist

Figure 1. Allowable harvestable areas in McDill Pond. Waypoint coordinates are located in the appendix.



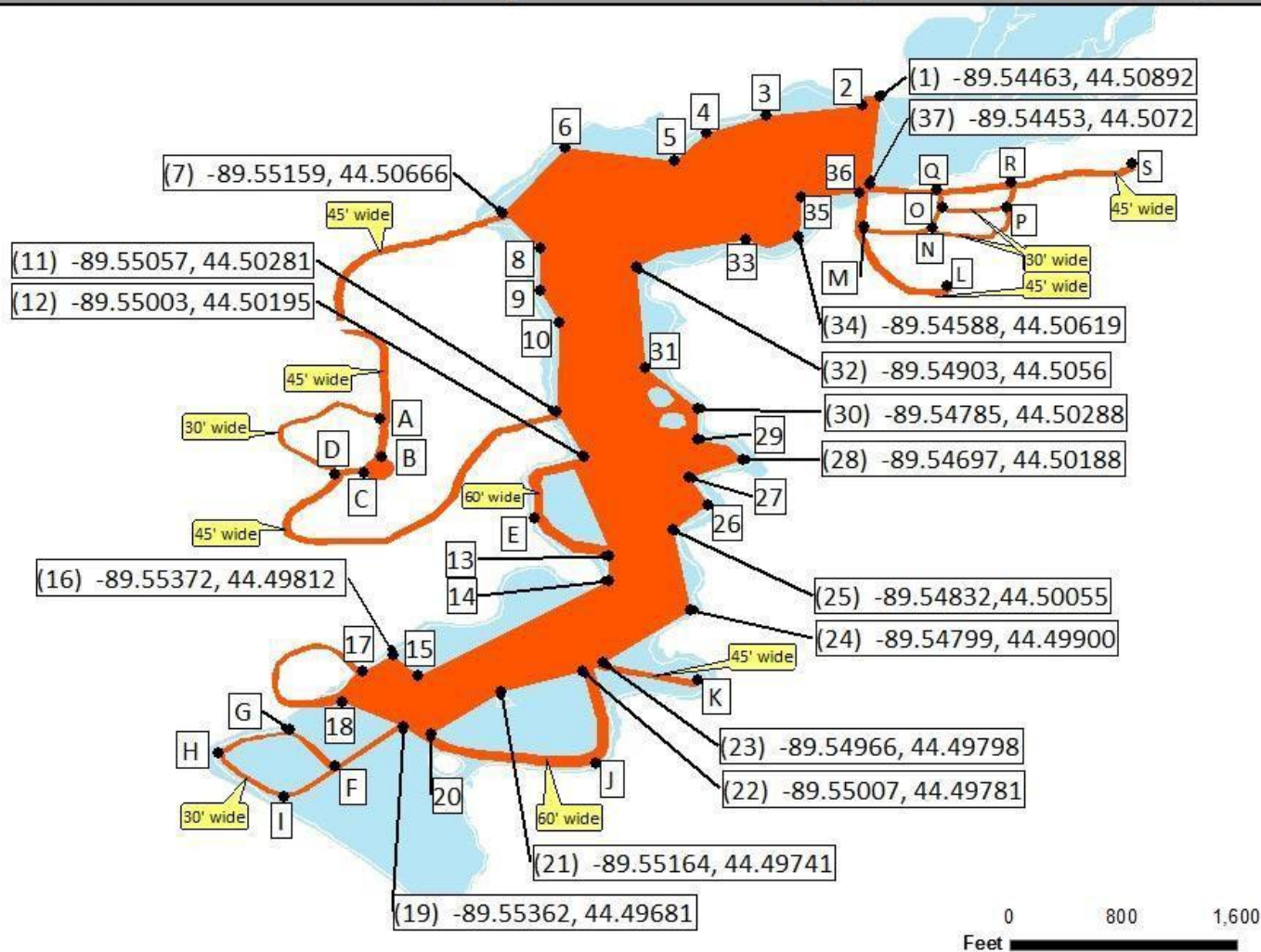
Skimming Map - McDill Pond (Updated Mar. 2016)

Figure 2. Allowable skimming areas in McDill Pond.



Harvesting Map with Coordinates

Mechanical Harvesting Map - McDill Pond (Updated Mar. 2016)



Harvest Area (If greater than 3 feet of water) 3 foot contour (Not for navigational purposes)

Harvester Waypoint

Lake

Note: The harvesting area was intentionally mapped with straight edges for the benefit of the harvester operator.



Center for Watershed Science and Education
College of Natural Resources
University of Wisconsin-Stevens Point
Cartographer: Sarah Hull

Harvesting Map Coordinates

Point	Longitude	Latitude
1	-89.54463	44.50892
2	-89.54465	44.50871
3	-89.54651	44.50854
4	-89.54768	44.50818
5	-89.54827	44.50765
6	-89.55038	44.50790
7	-89.55159	44.50666
8	-89.55087	44.50597
9	-89.55087	44.50516
10	-89.55051	44.50455
11	-89.55057	44.50281
12	-89.55003	44.50195
13	-89.54958	44.50024
14	-89.54954	44.49956
15	-89.55325	44.49772
16	-89.55372	44.49812
17	-89.55431	44.49780
18	-89.55469	44.49721
19	-89.55362	44.49681
20	-89.55298	44.49661
21	-89.55164	44.49741
22	-89.55007	44.49781
23	-89.54966	44.49798
24	-89.54799	44.49900
25	-89.54832	44.50055
26	-89.54763	44.50108
27	-89.54785	44.50159
28	-89.54697	44.50188

Point	Longitude	Latitude
29	-89.54785	44.50229
30	-89.54785	44.50288
31	-89.54884	44.50367
32	-89.54903	44.50560
33	-89.54691	44.50614
34	-89.54588	44.50619
35	-89.54583	44.50697
36	-89.54472	44.50705
37	-89.54453	44.50720
A	-89.55396	44.50267
B	-89.55392	44.50195
C	-89.55429	44.50163
D	-89.55486	44.50159
E	-89.55099	44.50078
F	-89.55484	44.49598
G	-89.55567	44.49667
H	-89.55709	44.49624
I	-89.55589	44.49539
J	-89.54969	44.49613
K	-89.54784	44.49763
L	-89.54301	44.50524
M	-89.54463	44.50639
N	-89.54330	44.50636
O	-89.54311	44.50675
P	-89.54187	44.50676
Q	-89.54321	44.50710
R	-89.54179	44.50723
S	-89.53946	44.50759

Managing EWM/HWM in McDill Pond

The following table is a summary of actions associated with the management of EWM/HWM in McDill Pond. It is not all-inclusive; please review the entirety of this plan before choosing management options.

Goal 5. Manage EWM/HWM in McDill Pond to minimize spread, ensure a healthy aquatic ecosystem, and provide recreational opportunities.

Objective 5.1. Work to eradicate or manage EWM/HWM in a way that no more than 20% of McDill Pond is infested.

Actions	Lead person/group	Start/end dates	Resources
Continue efforts to eradicate EWM/HWM in McDill Pond. Annually review surveys, management options, and meet with professionals to choose the appropriate EWM/HWM management strategies for the upcoming year.	MILPRD	Annually in fall	WDNR Water Resource Specialist Consultant Golden Sands RC&D
Conduct a survey of EWM/HWM <u>before</u> and <u>after</u> chemical treatments greater than 10 acres to obtain a permit for chemical treatment, evaluate treatment success, and inform future decisions. If large scale chemical treatments are not being used, use visual surveys in years between point-intercept (P.I.) surveys to monitor the extent of EWM/HWM. Review survey information and adjust strategies for the upcoming year.	MILPRD	<i>P.I. Survey:</i> Annual for chemical treatment <i>Visual:</i> Annually when PI isn't done	WDNR Water Resource Specialist Consultant Golden Sands RC&D
If a chemical treatment is conducted, follow up with a plan to continue to manage EWM/HWM (hand-pulling).	MILPRD	If chemical treatment done	Golden Sands RC&D WDNR Lakes Specialist
Continue targeted treatments with ProcellaCOR to eradicate EWM	MILPRD	As needed	
Inform lake residents/users prior to chemical treatment.	MILPRD	As needed	Permit guidance Consultant
Consider the use of milfoil weevils as a control method for EWM/HWM in bays where chemicals are not used and healthy shorelands are present.	MILPRD	As needed	Golden Sands RC&D
Review Water Quality and Land Use goals, actions and objectives to encourage and implement practices to reduce nutrient loading within the watershed.	MILPRD	2016	Portage Co. Land Conservation County Board Supervisors NRCS WDNR Lake Protection grants WI DATCP

EWM/HWM Management Options for McDill Pond

Changes may occur within the pond that change how the pond responds to control attempts for EWM/HWM. It is essential that management methods be carefully evaluated on an annual basis before implementation. Since multiple approaches and adaptive year-to-year changes in approach/strategy are most successful, the population of EWM/HWM should be evaluated using a 'point-intercept' method, which includes a visual survey of the littoral zone before and after treatment to determine the effectiveness of a strategy in a given year. Strategies for the subsequent year should be adjusted accordingly. EWM/HWM management involves evolving scientific knowledge; therefore, the management strategies for the management of EWM/HWM in McDill Pond should be adapted as EWM/HWM populations in the lake change and as new information becomes available.

Management options will change depending upon the amount and location of EWM/HWM in McDill Pond; therefore, annual monitoring of these species is essential. The presence of EWM/HWM and other AIS will also define the type of aquatic plant management that can be conducted to address recreational impediments. The following EWM/HWM management strategies have been determined to be the most practical and effective options that would minimize impacts to McDill Pond as a whole:

Manual Removal-training is recommended-Permit is not required	
ADVANTAGES	LIMITATIONS
Can target specific plants-with proper training	Removes near-shore wildlife and fish habitat
Can be effective in controlling small EWM/HWM infestations	Opens up areas where other AIS can become established
No associated cost	If EWM/HWM are not removed properly, could worsen the problem
	Training required for proper identification/removal methods

Manual removal can be done by individual waterfront property owners who have been trained in removal techniques intended to be successful in removal while minimizing fragmentation of the plant. Volunteers who have learned proper techniques in identifying and removing EWM/HWM and other AIS can remove plants by hand-pulling at any time, without a permit. This technique can be employed following a chemical treatment to remove individual plants.

Manual Removal, Diver-Assisted (With or Without Suction)-training is recommended-permit is not required	
ADVANTAGES	LIMITATIONS
Can be used in deeper areas	Costs associated with hiring a diver may be comparable to chemical treatment expenses
Can target specific plants with proper training	Currently an experimental treatment-not readily available
Can be effective in controlling small EWM/HWM infestations	If EWM/HWM are not pulled properly, could worsen the problem
May be useful in helping to remove upper root mass	

Divers trained in proper EWM removal techniques can be hired to manually remove AIS in deeper parts of the pond. If populations are low enough, this is the recommended option for controlling EWM/HWM at depths too great for hand-removal without additional gear. Hand removal of EWM/HWM may stir up bottom sediments, which can greatly reduce visibility. In this case, divers should use suction techniques to minimize sediment disturbance. Grants may be available to support manual-removal efforts. This technique can be employed following a chemical treatment to remove individual plants. To improve grant competition, MILPRD members could work with other area lake groups to jointly apply for a grant.

Chemical Treatment with Contact Herbicide (Early Season) – Permit required	
ADVANTAGES	LIMITATIONS
May reduce EWM/HWM for a time	Usually not fully effective in eradicating target species
Treatment not needed as frequently	Contaminants may remain in sediment
	Does not remove dead vegetation, which depletes oxygen and releases nutrients, adds to build-up of muck
	Extra nutrients may spur additional aquatic plant and algae growth
	May negatively affect native vegetation
	Effects on lake ecosystem not fully understood
	Can open up areas once taken up by natives for AIS to colonize again
	Can be costly

All chemical treatments in McDill Pond will require a permit from the WDNR. See the Portage County Lake Information Directory (appendices) for contact information. Visit the WDNR website for permit requirements and guidance: <http://dnr.wi.gov/topic/wastewater/aquaticpesticides.html>. Follow WDNR guidelines for informing lake users of the use of chemicals in the lake, which includes providing documentation about the chemical to all shoreland property owners.

Often multiple approaches and adaptive year-to-year changes in approach are most successful. Strategies for the subsequent year should be adjusted accordingly. EWM/HWM management involves evolving scientific knowledge; therefore, management strategies for EWM in McDill Pond should be adapted as EWM populations in the lake change and as new information becomes available.

Hybrid watermilfoil (HWM) results from a hybridization of native watermilfoil with EWM. HWM is present in McDill Pond. There is evidence suggesting HWM can be more tolerant of certain herbicides such as 2,4-D products. If the plants are not responsive to chemical treatments, a *challenge test* should be conducted to determine which combination of chemicals will be effective in controlling the particular strain of HWM. This will entail obtaining live specimens from McDill Pond. A lab will then grow them in a controlled setting where different combinations of herbicides are applied at differing rates

to evaluate their effectiveness. There are many combinations of herbicides and concentrations that can potentially be used to treat HWM. The only way to know the appropriate combination is by sending samples to be challenge tested. Treating HWM without knowing the appropriate combination of chemicals can create an even more resilient strain in the lake, damage the native aquatic plant population, and waste money.

Although the chemicals used are approved for use in aquatic environments by the US Environmental Protection Agency (EPA) and WDNR, the full impacts to the aquatic ecosystem are still unknown (WDNR, 2012). For more information, see the “Aquatic Plant Management Strategies” section and Large-Scale Treatment Research in Wisconsin (appendices). The appropriate herbicide, concentration, and contact time should be determined using the most up-to-date determinations.

Chemical Spot Treatment with Contact Herbicide (Early Season) – Permit required

Action: A *point-intercept* (P.I.) survey is required before and after large scale (greater than 10 acres) chemical treatments. The decision-making group should review the results in fall/winter to determine if chemical treatment is warranted in the upcoming year.

Treatment should occur early in the season, prior to emergence of native plants. In McDill Pond, a chemical spot treatment should be conducted using Reward (diquat bromide) or ProcellaCOR applied at rates to achieve concentrations of 0.37 ppm. If the *challenge test* for the HWM in McDill Pond suggests that a different suite of chemicals would be more effective to treat the HWM, adjustments should be made to this plan.

Following a chemical treatment, monitoring for the target species must be conducted during that summer at least 30 days after the treatment, and the results of its effectiveness on the target and non-target species should be documented and provided to the WDNR.

Water Level Manipulation-Permit required	
ADVANTAGES	LIMITATIONS
Controls aquatic plants in shallower, near-shore areas	Requires a controlling structure on the lake
Can be low cost	May cause undesired stress on ecosystem
	Cannot be used frequently

Due to construction issues brought up after the dam failure it is not recommended to seek a drawdown. The dam was not completed to specifications by the contractor and it was pointed out that the lack of appropriate material being exposed in cold winter conditions caused issues with cracking and heaving that later caused the dam to fail inspection. Drawdown is not a recommended method for McDill.

Mechanical Harvesting-Permit required	
ADVANTAGES	LIMITATIONS
Removes plant material and nutrients	Will spread EWM/HWM
Can target specific locations	Not used in water depths less than 3 feet
	Some harm to aquatic organisms

EWM/HWM beds should be avoided by the harvester. Harvesting beds of EWM/HWM can only be conducted if the following circumstances exist and the WDNR Water Quality Specialist signs off: 1) if the EWM/HWM has become the dominant species and biodiversity is diminished. See the harvesting maps and the Harvesting in McDill Pond section earlier in this plan for additional details.

Milfoil Weevils - EWM - <i>(Note: Not viable if chemical treatment options are being pursued.)</i>	
ADVANTAGES	LIMITATIONS
Natural, native maintenance of native and exotic milfoils	Require healthy shoreline habitat for overwintering
Prefers the aquatic invasive Eurasian Watermilfoil	Cannot survive in areas of mechanical harvesting or herbicide application
Some lakes may already have a native populations.	Effectiveness highly variable between lakes (works well for some lakes)
Doesn't harm lake ecosystem	Limited access to weevils for purchase in WI
	Still considered experimental
	Requires unmowed/natural shorelines for weevil habitat
	Too many panfish may prevent weevil population growth

This option can be considered in areas of the lake with native or restored shorelines. Potential effectiveness in the desired areas of McDill Pond should be determined with a professional population estimate and assessment of shoreland health, abundance of predatory fish, etc. Milfoil weevils are expensive; therefore, obtaining a starter population and rearing them in predator-free conditions may be desirable from a financial standpoint. Professional assistance from consultants or Golden Sands RC&D staff should be sought if stocking or rearing is pursued. It is unknown if native milfoil weevil populations are present in McDill Pond.

No Action (Note: This option is not recommended in McDill Pond at this time.)	
ADVANTAGES	LIMITATIONS
No associated cost	May not be effective in obtaining aquatic plant management objectives
Least disruptive to lake ecosystem	

No action over time can be an option in McDill Pond, particularly to evaluate how the EWM/HWM in McDill Pond responds without management. In some cases, EWM has been observed to establish itself as a population that remains small and becomes a component of the ecosystem. If this option is chosen, routine monitoring should take place to ensure that EWM does not reach nuisance levels.

Landscapes and the Lake

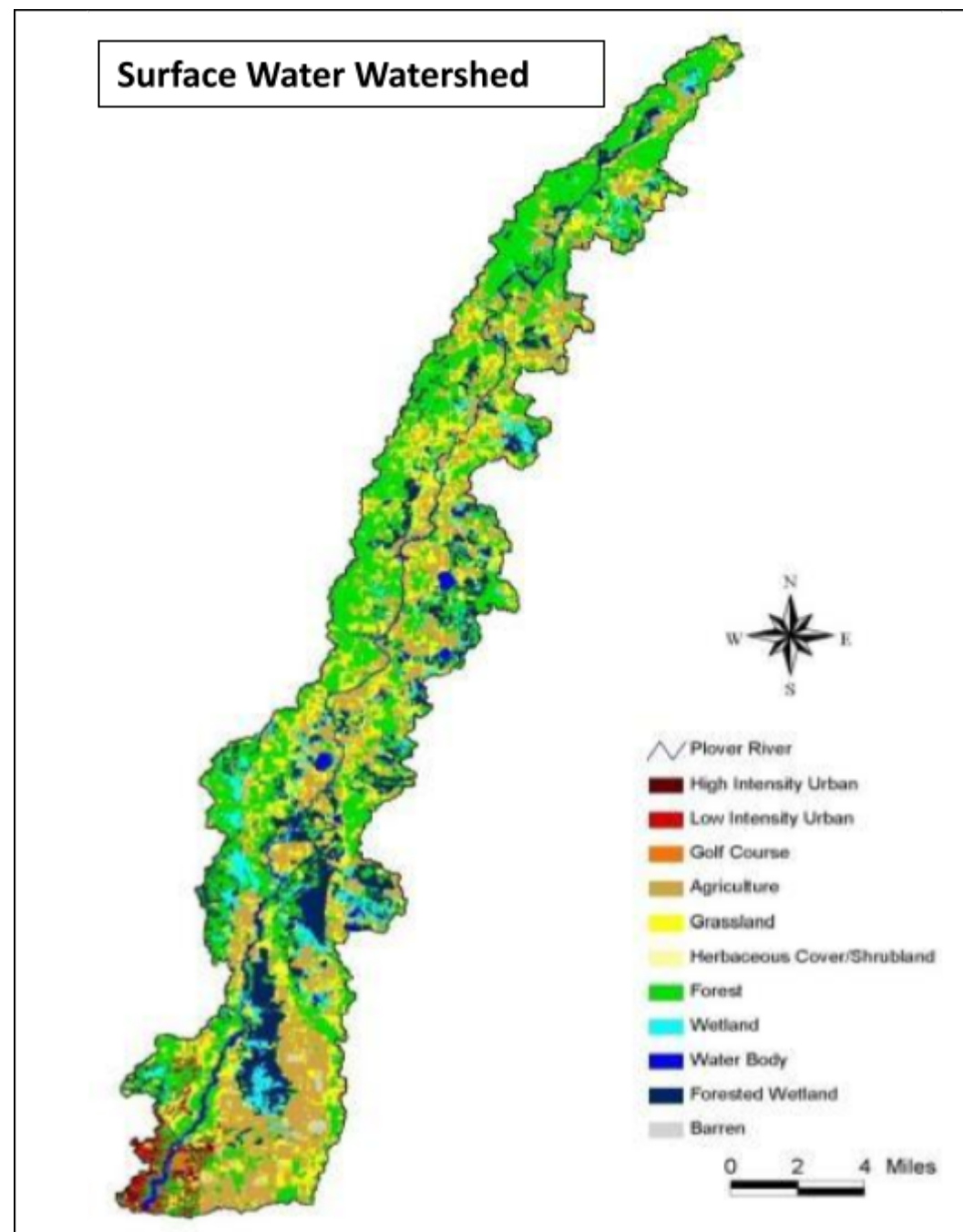
Land use and land management practices within a lake's watershed can affect both its water quantity and quality. While forests, grasslands, and wetlands allow a fair amount of precipitation to soak into the ground, resulting in more groundwater and good water quality, other types of land uses may result in increased runoff and less groundwater recharge, and may also be sources of pollutants that can impact the lake and its inhabitants. Areas of land with exposed soil can produce soil erosion. Soil entering the lake can make the water cloudy and cover fish spawning beds. Soil also contains nutrients that increase the growth of algae and aquatic plants. Development on the land may result in changes to natural drainage patterns and alterations to vegetation on the landscape, and may be a source of pollutants. Impervious (hard) surfaces such as roads, rooftops, and compacted soil prevent rainfall from soaking into the ground, which may result in more runoff that carries pollutants to the lake. Wastewater, animal waste, and fertilizers used on lawns, gardens and crops can contribute nutrients that enhance the growth of algae and aquatic plants in our lakes. Land management practices can be put into place that better mimic some of the natural processes, and reduction or elimination of nutrients added to the landscape will help prevent the nutrients from reaching the water. In general, the land nearest the lake has the greatest impact on the lake water quality and habitat.

Shoreland vegetation is critical to a healthy lake's ecosystem. It helps improve the quality of the runoff that is flowing across the landscape towards the McDill Pond. It also provides habitat for many aquatic and terrestrial animals including birds, frogs, turtles, and many small and large mammals. Healthy shoreland vegetation includes a mix of tall grasses/flowers, shrubs, and trees which extend at least 35 feet landward from the water's edge. Shorelands include adjacent wetlands, which also serve the lake by allowing contaminants to settle out, providing shelter for fish and wildlife, and decreasing the hazard of shoreline erosion by providing a shoreland barrier from waves and wind.

The water quality in McDill Pond is the result of many factors, including the underlying geology, the climate, and land management practices. Since we have little control over the climate and cannot change the geology, changes to land management practices are the primary actions that can have positive impacts on the lake's water quality. The water quality in McDill Pond was assessed by measuring different characteristics including temperature, dissolved oxygen, water clarity, water chemistry, and algae. All of these factors were taken into consideration when management planning decisions were made. A summary of these results can be found in the Background Information (from 2002-2003 study) section.

As part of the water quality monitoring for the Wisconsin River Total Maximum Daily Load (TMDL) study, data were obtained from the Plover River near US Highway 10 and below McDill Pond between 2010 and 2013. This information can be accessed through the WDNR. In addition, a water quality study of the Plover River system was conducted from 2000-2001 (Freihoefer et al., 2001).

Watershed Land Uses



Water Quality and Land Use

A variety of water chemistry measurements were used to characterize the water quality in McDill Pond. Water quality was assessed during the 2002-2003 lake study and involved a number of measures including temperature, dissolved oxygen, water chemistry, and nutrients (phosphorus and nitrogen). Nutrients are important measures of water quality in lakes because they are used for growth by algae and aquatic plants. Each of these interrelated measures plays a part in the lake's overall water quality. In addition, water quality data collected in past years was also reviewed to determine trends in McDill Pond's water quality.



McDill Pond is host to a variety of plants, insects, fish, amphibians, and a variety of other animals that all depend on good water quality in the pond. Planning participants and survey respondents indicated water quality influenced their enjoyment of the pond and impacted their perceived aesthetic value. The results from the Portage County Lakes Study indicated McDill Pond has fair water quality that could use some improvement. At that time, the pond had periodically high concentrations of phosphorus during parts of the year, and nitrogen at concentrations that could fuel excessive plant and algae growth.

2022 Updates: A fertilizer ban was established for McDill Pond District residents in 2015. The MILPRD should consider approaching the county to discuss the steps needed to reduce nutrient and sediments in the watershed and inform them of the steps that have been taken by residents to improve water quality in McDill Pond and encourage a focused effort to reduce nutrient loading within the Plover River watershed. Such an effort would benefit many others beyond McDill Pond. In 2022 the Lake District also took on a large-scale dredging project to remove 64,000 cubic yards of sediment from the original 2001 silt trap dredge. The project will continue through 2023 with the second half of the dredge, and site remediation completed in 2024.

Water clarity measurements taken in McDill Pond from 1992 to 2013 are displayed in the graph below. In recent years, measurements have been taken by Krista Olson and John Vollrath and reported to the WDNR's CLMN database. Water clarity in McDill Pond is considered fair. Observations noted at the time of measurement indicate that on many occasions, water clarity was limited due to the brown-stained water. Some of the observations indicated there were also reductions due to the presence of algae. While there is year-to-year variability, water clarity has remained relatively consistent; however, some of the poorest measurements were taken between 2008 and 2010. It is unclear how the drawdown will affect water clarity in McDill Pond. Continued water clarity measurements will help to identify changes over time.

McDill Pond - Deep Hole - Mid 1/2 Up Dam 2022 Results (<https://dnr.wi.gov/lakes/waterquality/Station.aspx?id=503126>)



Eutrophic Mesotrophic Oligotrophic

McDill Pond - Deep Hole - Mid 1/2 Up Dam was sampled
4 different days during the 2022 season. Parameters
sampled included:

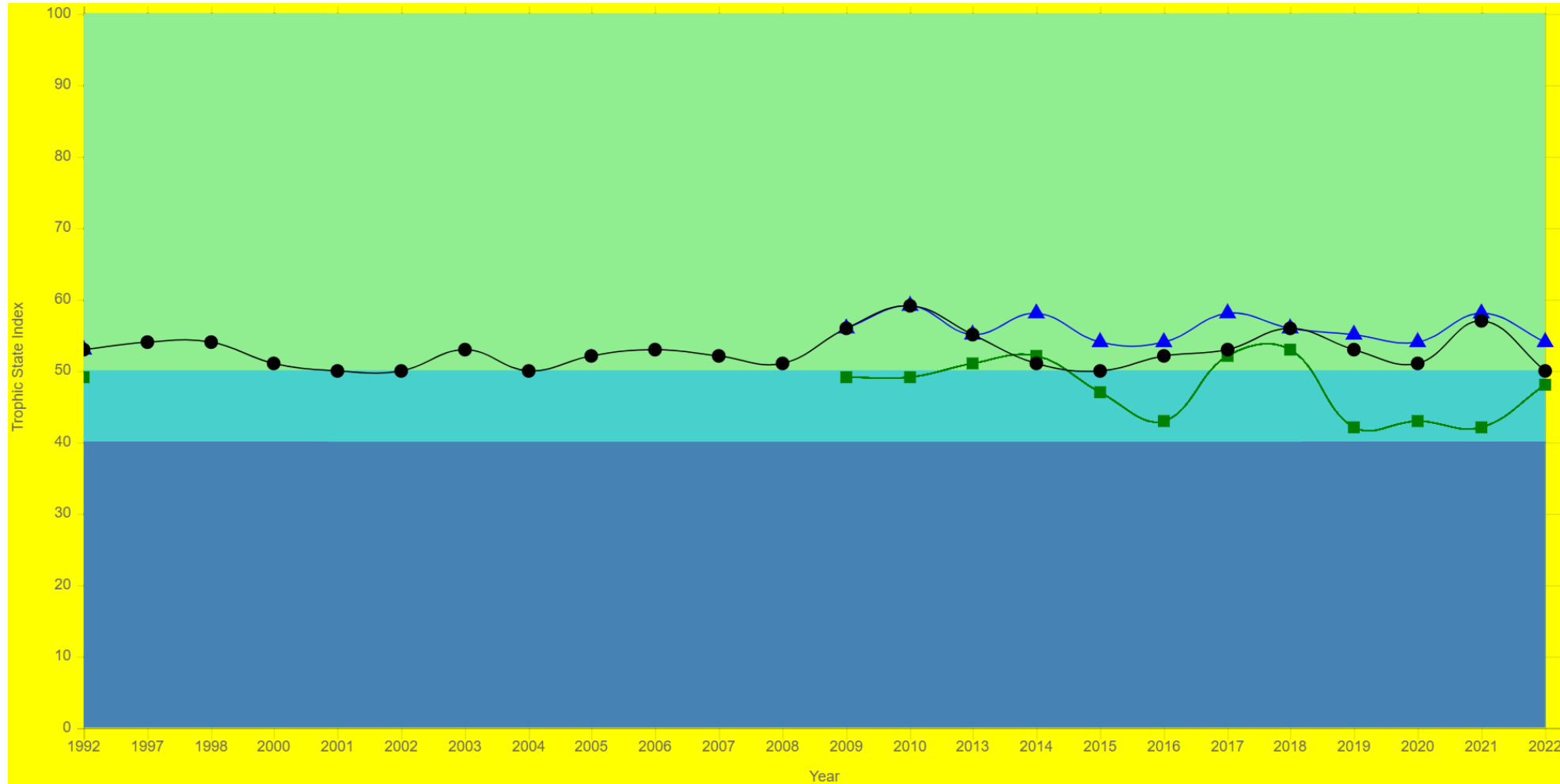
- water clarity
- temperature
- total phosphorus
- chlorophyll

The average summer (July-Aug) secchi disk reading for McDill Pond - Deep Hole - Mid 1/2 Up Dam (Portage County, WBIC: 1403200) was 6.5 feet. The average for the Central Georegion was 10 feet. Typically the summer (July-Aug) water was reported as **CLEAR** and **BROWN**. This suggests that the Secchi depth may have been mostly impacted by tannins, stain from decaying matter. Tannins are natural and not a result of pollution. Tannins can be distinguished from suspended sediment because the water, even though it's brown, it looks clear, like tea. Though tannins are not harmful per se, they are often not perceived as aesthetically pleasing as clear water. Tannins can also be important for decreasing light penetration into the water and decreasing algal growth.

Chemistry data was collected on McDill Pond - Deep Hole - Mid 1/2 Up Dam. The average summer Chlorophyll was 5.8 µg/l (compared to a Central Georegion summer average of 10.3 µg/l). The summer Total Phosphorus average was 29.7 µg/l. Lakes that have more than 20 µg/l and impoundments that have more than 30 µg/l of total phosphorus may experience noticeable algae blooms.

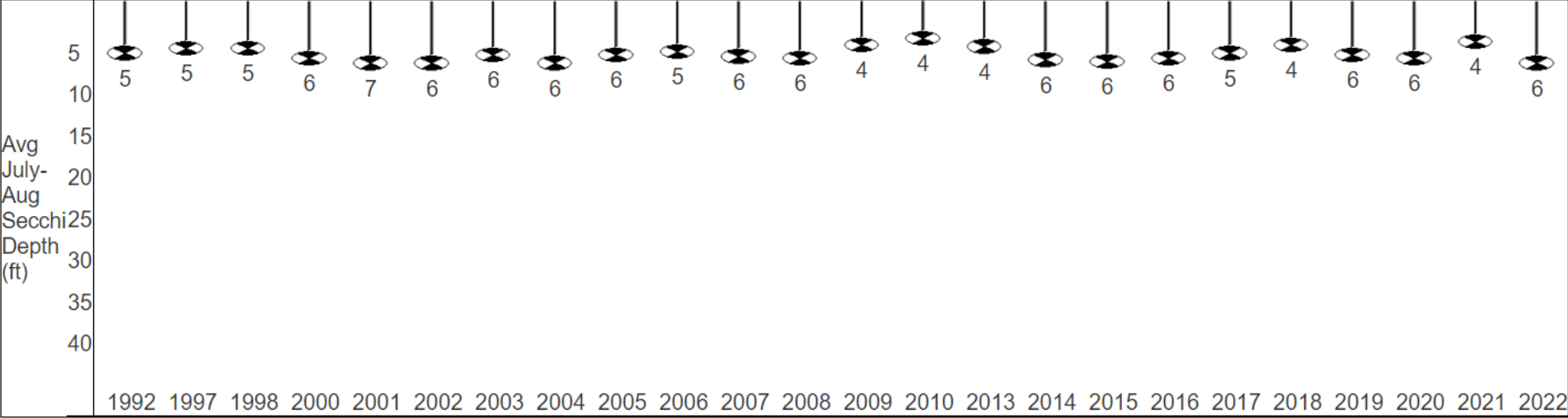
The overall Trophic State Index (based on chlorophyll) for McDill Pond - Deep Hole - Mid 1/2 Up Dam was 48. The TSI suggests that McDill Pond - Deep Hole - Mid 1/2 Up Dam was **mesotrophic**. Mesotrophic lakes are characterized by moderately clear water, but have an increasing chance of low dissolved oxygen in deep water during the summer.

TROPHIC STATE INDEX GRAPH THROUGH 2022



McDill Pond
Portage County
Waterbody Number: 1403200

Lake Type: DRAINAGE
DNR Region: WC
GEO Region:CE



Past secchi averages in feet (July and August only).

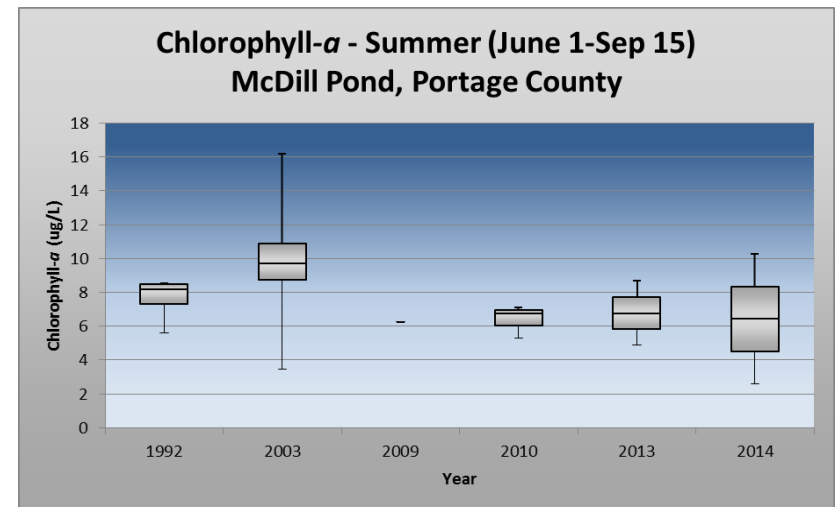
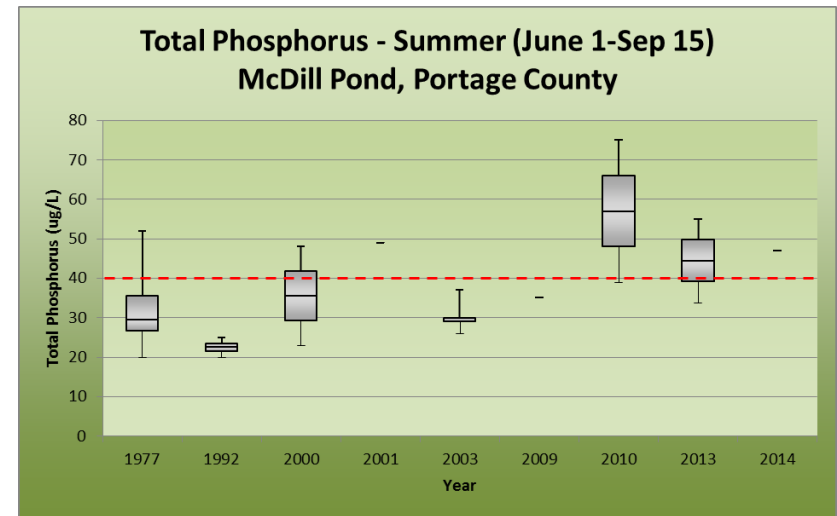
Year	Secchi Mean	Secchi Min	Secchi Max	Secchi Count
1992	5.38	4	6.5	4
1997	4.88	4.75	5	2
1998	4.88	4.5	5	4
2000	6	5	6.5	4
2001	6.58	6	7.5	3
2002	6.5	6.5	6.5	2
2003	5.5	5	6	2
2004	6.5	5.5	7.5	2
2005	5.67	5	7	3
2006	5.25	5	5.5	2
2007	5.75	5.5	6	2
2008	6	6	6	1
2009	4.46	4	5.5	7
2010	3.5	2.5	4.5	4
2013	4.5	4	5.5	3
2014	6.25	5	7.5	4
2015	6.4	5.25	8	5
2016	5.9	5	7.5	5
2017	5.3	4.5	6.5	5
2018	4.46	3.5	6.75	6
2019	5.5	5	6	2
2020	6	6	6	2
2021	4	4	4	2
2022	6.5	6	7	2

Nutrients (phosphorus and nitrogen) are used by algae and aquatic plants for growth, much like houseplants and crops. Phosphorus is present naturally throughout the watershed in soil, plants, animals and wetlands. Common sources from human activities include soil erosion, animal waste, fertilizers and septic systems.

The most common mechanism for the transport of phosphorus from the land to the water is through surface runoff, but it can also travel to the lake in groundwater. Once in a lake, a portion of the phosphorus becomes part of the aquatic system in the forms of plant tissue, animal tissue and sediment. The phosphorus continues to cycle within the lake for many years.

Phosphorus standards in Wisconsin vary by lake type. For shallow impoundments like McDill Pond, median total phosphorus concentrations during the summer should be less than 40 µg/L. Above this concentration, changes to the aquatic ecosystem, including an increase in plant and algal growth and changes to the fish community, are likely to occur. In nearly all of the samples collected from McDill Pond between 2010 and 2014, total phosphorus concentrations exceeded 40 µg/L.

Chlorophyll-*a* is a measurement of algae in the water. Concentrations greater than 20 µg/L are perceived by many as problem blooms. According to the World Health Organization, chlorophyll-*a* concentrations greater than 10 µg/L result in a moderate increase in risk to health due to the increased growth of blue-green algae. Concentrations of chlorophyll-*a* measured in samples collected from McDill Pond showed little year-to-year variability in recent years. This algal growth is fueled by the phosphorus and nitrogen in the lake water.



Guiding Vision for Water Quality

McDill Pond will be a clear, easily navigable, beautiful pond without excessive maintenance. It will be a pond that supports a healthy fishery, wildlife, a healthy ecosystem, and a variety of recreational uses.

Goal 6. Water quality in McDill Pond will be below problematic concentrations, including phosphorus, inorganic nitrogen and chloride.

Median summer phosphorus concentrations will be at or below 35 ug/L, inorganic nitrogen at or below 0.3 mg/L in spring, and Secchi disk (water clarity) readings of 10 feet throughout the summer.

Objective 6.1. Continue monitoring to determine if the water quality goals are being met.

Action	Lead person/group	Start/end dates	Resources
Continue monitoring phosphorus and chlorophyll- <i>a</i> in McDill Pond during the summer using CLMN methods. Nutrient monitoring should also be conducted in McDill Pond channels.	MILPRD	Annually - minimum 3 times/summer	CLMN UW-Stevens Point WEAL Other state-certified water labs
Continue monitoring water clarity in McDill Pond and sharing results with the State CLMN program.	MILPRD	Ongoing	WDNR
Collect samples during spring overturn for analysis of inorganic nitrogen.	MILPRD	Annually - spring	UW-Stevens Point WEAL Other state-certified water labs
Submit all data collected to the WDNR SWIMS database for storage and access.	Volunteer monitors	Ongoing	WDNR SWIMS database manager
Develop flow monitoring sites on the channels in McDill Pond to better determine chemical treatment rates for AIS.	MILPRD		UWSP Center for Watershed Science and Education Portage County Water Resource Specialist Consultant

Objective 6.2. Shoreland and watershed landowners will minimize their impacts to McDill Pond through land management practices that reduce runoff and minimize the use of fertilizers and chemicals.

Action	Lead person/group	Start/end dates	Resources
Inform MILPRD members about the fertilizer ban that was established by the MILPRD and the relationship with water quality.	MILPRD	Reminder – annually in winter	
Establish the leadership shown by shoreland property owners who are complying with the ban by asking them to sign on each year. Share this information to encourage participation by others in the watershed.	MILPRD		Portage Co. Land & Water Conservation Dept.
Inform shoreland property owners about how to implement healthy practices on their property related to stormwater management, including installation of rain gardens, swales, rain barrels, reducing impervious pavement, etc. Host demo sites, backyard “garden walks”, and workshops. Create challenges and other incentives.	MILPRD	Summer	Portage Co. Land & Water Conservation Dept. Extension Lakes Consultants WDNR Lake Protection grants WDNR Healthy Lakes grants
Host a shoreland soil testing program for participants to learn what kinds of amendments are/are not needed for gardens and lawns.	MILPRD	2023	Portage Co. UW-Extension Portage Co. Land & Water Conservation Dept.
Inform MILPRD members about changes they could make on their property related to nutrients and chemical use.	MILPRD	Ongoing	Extension Lakes Portage Co. Land & Water Conservation Dept.
Encourage landowners to utilize Portage County Land Conservation staff and programs that lead to improved water quality and habitat.	MILPRD		Portage Co. Land & Water Conservation Dept. WDNR Lake Protection grants WDNR Healthy Lakes grants
Encourage residents to utilize the City of Stevens Point Stormwater Credit Application program, specifically property owners “up” from the Heffron Street boat launch to manage runoff. https://stevenspoint.com/1023/Credit-Applications	MILPRD		City of Stevens Point Portage Co. Land & Water Conservation Dept.
Encourage the County and the NRCS to support and follow-up with water quality-based Best Management Practices (BMPs) within the watershed.	Portage Co. Land Conservation NRCS		Portage Co. Land & Water Conservation Dept. NRCS WI DATCP

Objective 6.3. Educate the City of Stevens Point, the Village of Whiting and Portage County Supervisors to better understand how their decisions impact the water quality of McDill Pond and to make informed decisions.

Action	Lead person/group	Start/end dates	Resources
Encourage the City Plan Commission and municipal boards to be knowledgeable about the impact their decisions have on the pond and river. Encourage them to seek decisions that minimize negative impacts.	City of Stevens Point Plan Commission Village of Whiting Towns of Dewey, Hull, Sharon, Stockton		UWSP Center for Land Use Education
The District will host a boat ride for elected officials to observe the various projects the District has completed, discuss current projects and proposed projects. Allow elected officials to gain knowledge of the McDill Pond Waterbody.	MILPRD	2023	City of Stevens Point Village of Whiting Portage County Supervisors Portage County Land and Water Conservation
Work with the City as it develops its stormwater management plan to choose strategies that protect McDill Pond water quality. Invite a City representative to attend a meeting and explain what is being developed.	MILPRD		City of Stevens Point UWSP Center for Land Use Education
Continue to work with the City to divert storm sewer drainage from old Fleet Farm drainage drop to drainage ponds.	MILPRD	2023	Portage Co. Land & Water Conservation Dept. City of Stevens Point Plan Commission
When possible during road reconstruction, direct runoff away from the pond (swales, infiltration basins, etc.).	City of Stevens Point WI DOT Towns	As needed	
Finish large scale dredging project and monitor rate of sedimentation	MILPRD	Annually	

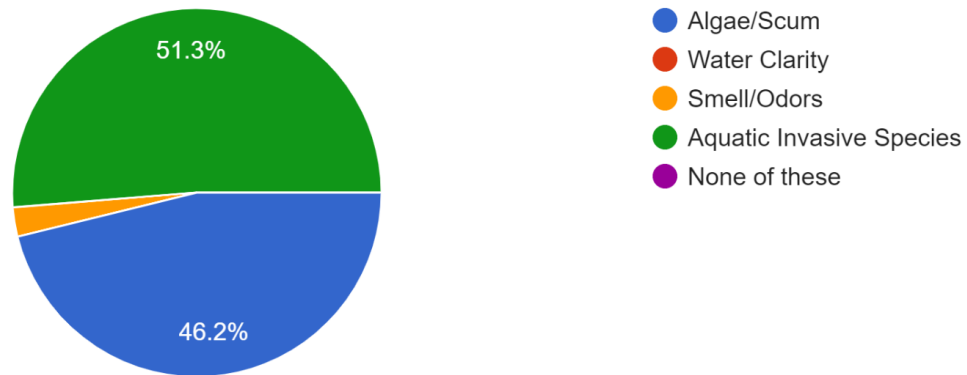
Objective 6.4. Initiate partnerships to work together towards good water quality in the Plover River, Bentley, Jordan, and McDill Ponds.

Action	Lead person/group	Start/end dates	Resources
Identify partners monitoring water quality upriver from McDill Pond or who would be interested in monitoring upriver.	MILPRD	2023	CLMN coordinator Water Action Volunteer coordinator UWSP student AWRA club UWSP Water faculty
Work with partners to host a gathering to discuss current and future water quality in the Plover River watershed which includes Langlade, Marathon and Portage counties. Potential Partners: Izaak Walton League, Trout Unlimited, Stevens Point Country Club, agricultural producer clubs, County LCD and Parks staff, elected officials, Stevens Point/Whiting staff, WDNR.	MILPRD	2024	WDNR small scale grant UWSP Center for Watershed Science and Education Extension Lakes Portage Co. Land & Water Conservation Dept.
Consider approaching the County to notify them of steps that have been taken to improve water quality in McDill Pond, and encourage a county-wide effort to reduce nutrient loading within the watershed.	MILPRD	2023 Annually	Portage Co. Land & Water Conservation Dept. City of Stevens Point Elected officials

Results from the 2023 McDill Pond Resident Survey

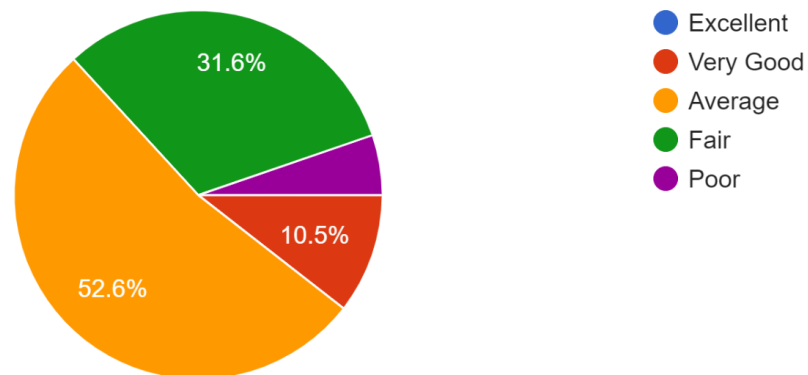
From the list below, which ONE item do you feel is the biggest issue affecting water quality on McDill Pond?

39 responses



How would you rate the water quality in McDill Pond currently?

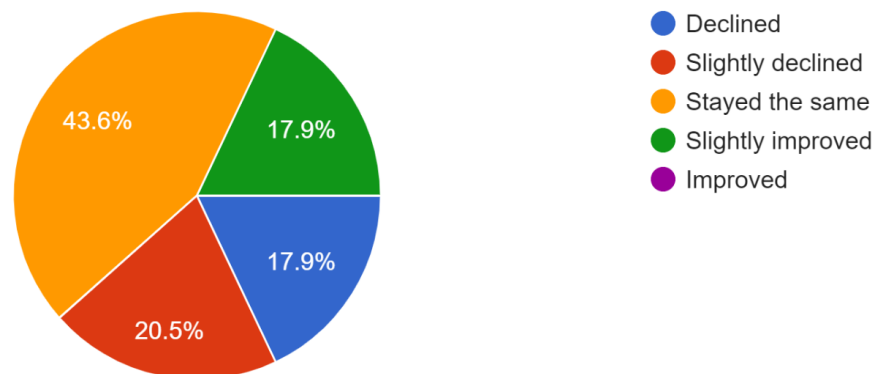
38 responses



Results from the 2023 McDill Pond Resident Survey

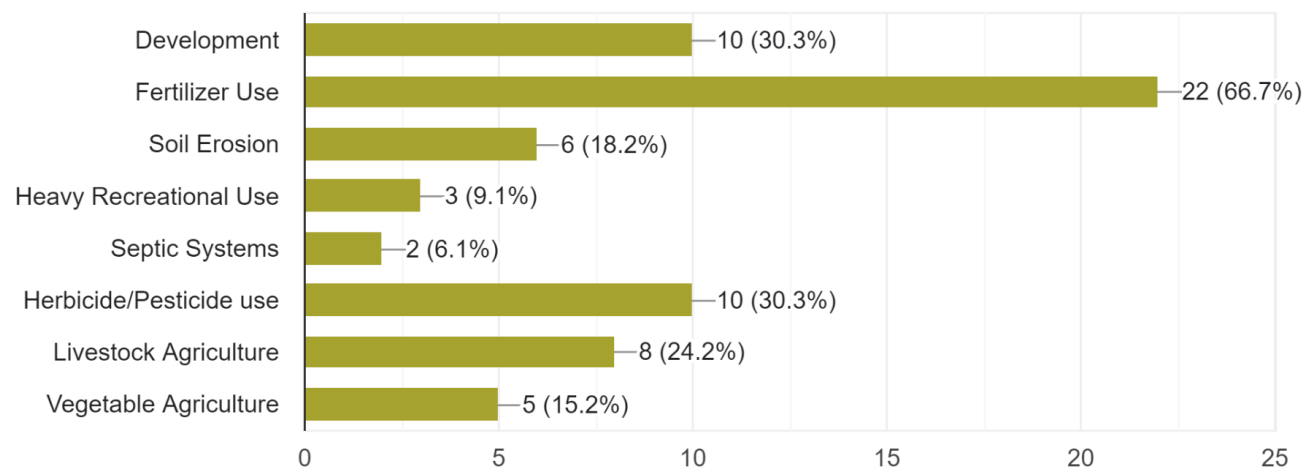
In general, since you have lived/recreated on or near McDill Pond, do you feel that the lake water quality has...?

39 responses



In your opinion, what are the top causes of possible decline of water quality.

33 responses



Shorelands and Critical Habitat

Shorelines are some of the most important habitats near lakes and ponds for aquatic and terrestrial wildlife, such as turtles, frogs, birds, and many other creatures. Shoreland vegetation helps to slow runoff moving to the pond which allows some of the sediment and pollutants to settle onto the landscape before it enters the pond. Restoring and protecting shorelines can help provide scenery, solitude, and privacy, as well as natural space for pond residents to enjoy nature, which was valued by citizens in the survey. This important region around the lake is the primary area where shoreland owners can positively or negatively impact the pond's water quality and ecosystem by choosing the ways they manage their property. Healthy shoreland vegetation includes a mix of unmowed grasses/flowers, shrubs, trees, and wetlands which extends at least 35 feet landward from the water's edge. There are many landscaping options to choose from that comprise good land management practices and will result in improved habitat and water quality.

Critical habitat areas or sensitive areas are important places in and near the pond that are essential to maintaining a healthy, sustainable ecosystem. The sensitive areas within McDill Pond may offer critical or unique fish and wildlife habitat, or water quality or erosion control benefits to the pond (see Sensitive Areas in the appendices). More details about critical habitat areas are available online: <http://dnr.wi.gov/lakes/criticalhabitat/>.



2014 Updates: Many property owners on McDill Pond have made shoreland improvements. Shorelands around McDill Pond range from healthy to very disturbed. Based on comparisons between the 2010 and 2013 surveys of McDill Pond, vegetative buffers falling into the 'greater than 5-15 feet' and 'greater than 15-35 feet' categories have increased, which corresponds to a decrease in buffer depths less than 5 feet inland from the water's edge. This demonstrates that vegetative buffers along the shoreland of McDill Pond have increased over the past three years; however, the total length of shoreline in the 'vegetative buffers greater than 35 feet inland from the water's edge' category has decreased since the 2010 survey.

Disturbances on McDill Pond include boat landings, docks/piers, dam/spillways, culverts, shoreline erosion, stretches of rip-rap, seawalls, barren sections of the shoreland, and structures in close proximity to the shoreland interface. Structures such as seawalls, rip-rap (rocked shoreline), and artificial beaches result in habitat loss. Erosion contributes sediment to the pond, which can alter spawning habitat and carry nutrients into the pond. Unmanaged runoff from rooftops of structures contributes additional runoff to the pond, often resulting in delivery of more sediment to the pond. Docks result in altered

in-lake habitat. Denuded lake beds adjacent to docks provide opportunities for invasive species to become established and reduce habitat that is important to fish and other lake inhabitants.

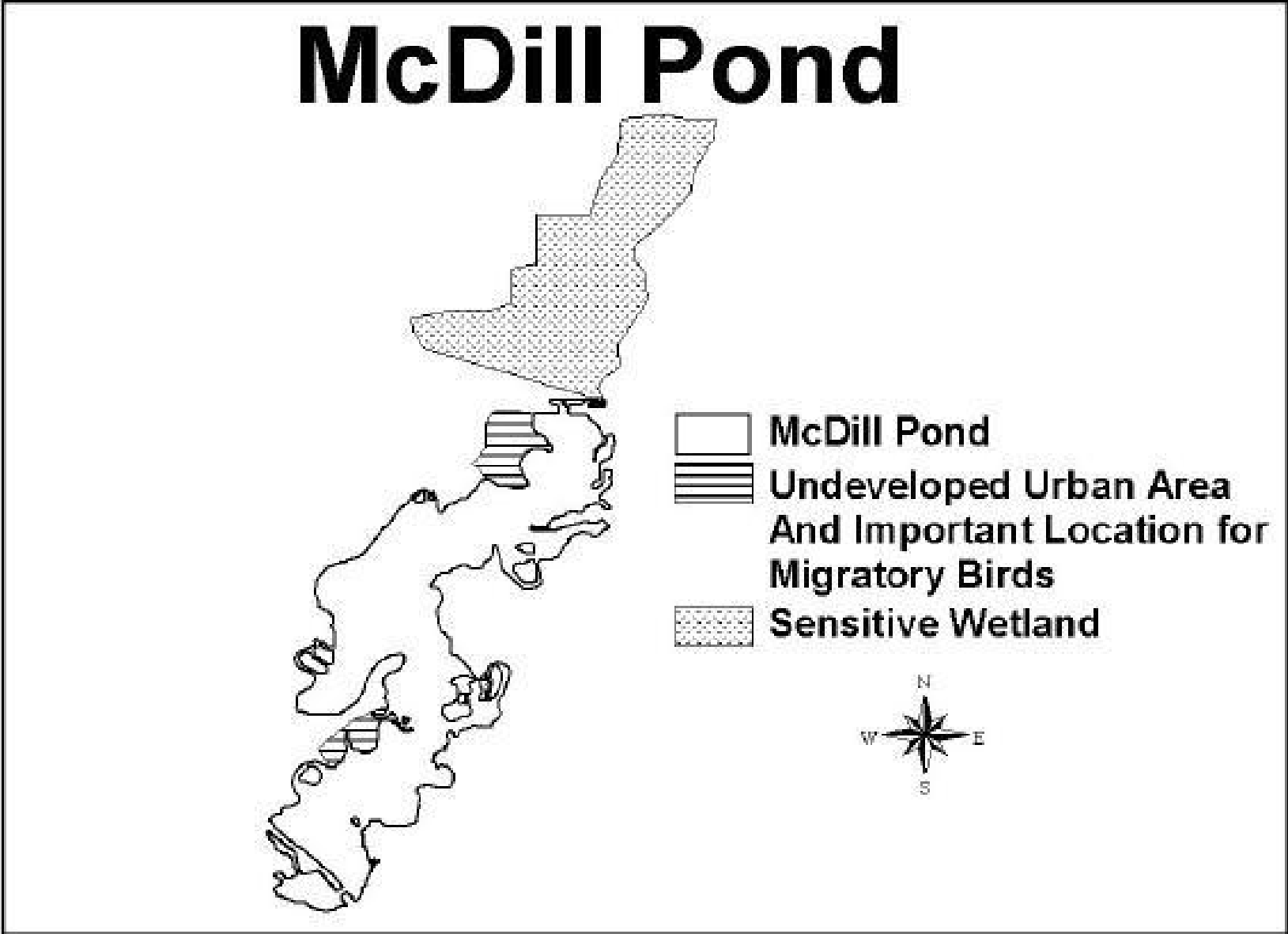
2022 Updates: Many property owners on McDill Pond have made shoreland improvements. Shorelands around McDill Pond range from healthy to very disturbed. Based on comparisons between the 2010 and 2013 surveys of McDill Pond, vegetative buffers falling into the 'greater than 5-15 feet' and 'greater than 15-35 feet' categories have increased, which corresponds to a decrease in buffer depths less than 5 feet inland from the water's edge. This demonstrates that vegetative buffers along the shoreland of McDill Pond have increased over the past three years; however, the total length of shoreline in the 'vegetative buffers greater than 35 feet inland from the water's edge' category has decreased since the 2010 survey.

Disturbances on McDill Pond include boat landings, docks/piers, dam/spillways, culverts, shoreline erosion, stretches of rip-rap, seawalls, barren sections of the shoreland, and structures in close proximity to the shoreland interface. Structures such as seawalls, rip-rap (rocked shoreline), and artificial beach result in habitat loss. Erosion contributes sediment to the pond, which can alter spawning habitat and carry nutrients into the pond. Unmanaged runoff from rooftops of structures contributes additional runoff to the pond, often resulting in delivery of more sediment to the pond. Docks result in altered in-lake habitat. Denuded lakebeds adjacent to docks provide opportunities for invasive species to become established and reduce habitat that is important to fish and other lake inhabitants.

Portage County Land and Water Conservation Department has been working with McDill Pond District residents to utilize the WDNR Healthy Lakes and Rivers program. <https://healthylakeswi.com/>. Healthy Lakes & Rivers includes 5 simple and inexpensive best practices that improve habitat and water quality on your shoreland property. These include: 350 sq ft native planting, fish sticks, rock infiltration, diversion and rain gardens. These conservation practices not only improve the properties around McDill but also the waterbody itself. In 2022, we had 3 residents receive Healthy Lakes and Rivers grant funding on McDill. We have 2 residents on the 2023 Healthy Lakes and Rivers grant application. Portage County Land and Water Conservation Department plans to keep applying for the Healthy Lakes and Rivers available to all Portage County waterfront property owners in order to protect both land and water resources in the County.

Sensitive Areas

From: UWSP Portage County Lake Study, 2003.



Reptile and Amphibian Habitat

(highlighted in red)

From: Paloski and Wild, UWSP Portage County Lake Study, 2003.



Guiding Vision for Shorelands

McDill Pond will have healthy shoreland vegetation that supports healthy wildlife, fisheries, and ecosystems that also provides access and visual enjoyment by shoreland property owners.

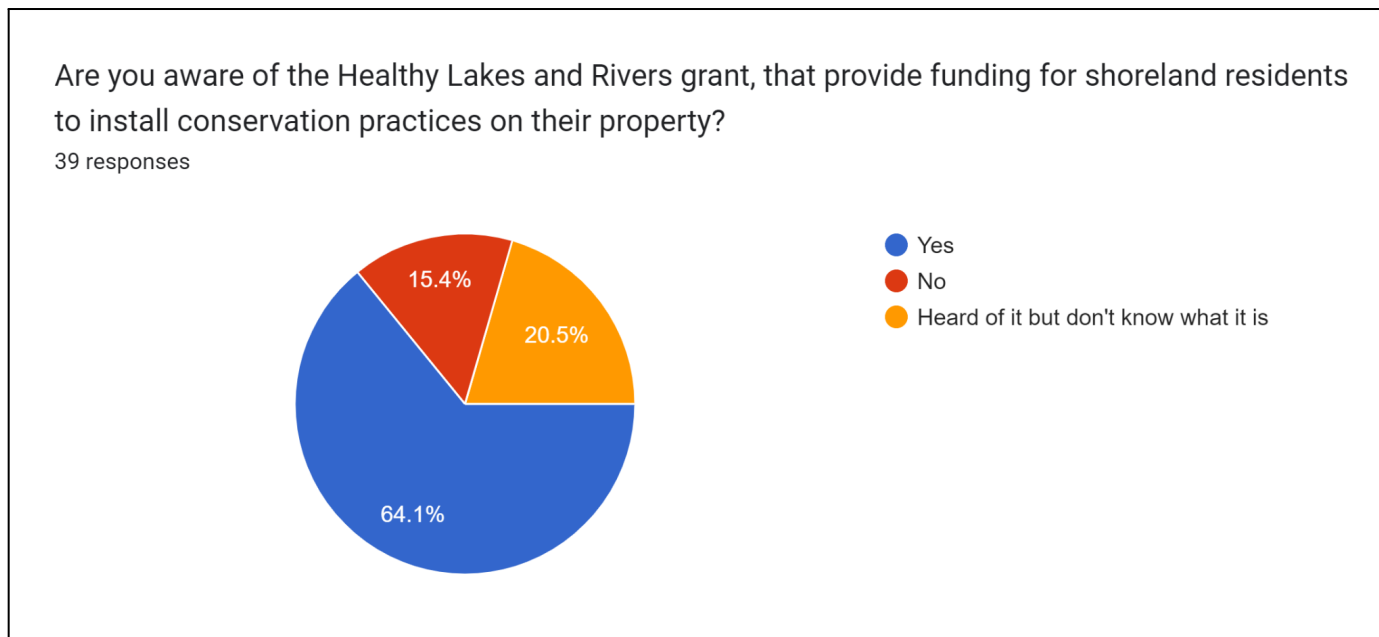
Goal 7. Healthy shoreland vegetation will be protected, and disturbed shoreland vegetation will be restored. The District will know they have been successful when 70% of the shoreland buffer is intact.

Objective 7.1. Shoreland property owners around McDill Pond will understand why this land is so important and what their roles are in protecting these areas. The objective is to obtain 70% of the shoreland around McDill Pond be vegetated and to increase shoreland buffers by 10% in the next three years.

Actions	Lead person/group	Start/end dates	Resources
Inform shoreland property owners about how to implement healthy shoreland practices on their property and why healthy shoreland vegetation helps the pond. Host demo sites, backyard “garden walks”, and workshops. Create challenges and other incentives.	MILPRD	Summer 2023	Portage Co. Land & Water Conservation Dept. Extension Lakes Consultants WDNR Lake Protection grants WDNR Healthy Lakes grants
Encourage landowners to utilize Portage County Land Conservation staff and programs that lead to improved water quality and habitat.	MILPRD		Portage Co. Land & Water Conservation Dept. WDNR Lake Protection grants WDNR Healthy Lakes grants
Work with school groups, scout groups, and others to restore shorelines.	MILPRD	Ongoing	Extension Lakes Portage Co. Land & Water Conservation Dept. Portage Co. Master Gardeners
Connect with other local lakes to share healthy shoreland ideas and examples. Combine shoreland garden walks, etc.		2024	Local lake groups Portage Co. Land & Water Conservation Dept. Portage County Lakes and Rivers Group

Restore disturbed shoreland by providing education, technical, and financial assistance for shoreland owners.	MILPRD	Ongoing	Portage Co. Land & Water Conservation Dept. WDNR Healthy Lakes Grants
Request that a shoreland survey be conducted every five years.	MILPRD	2023	UWSP Center for Watershed Science and Education WDNR Lake grants Portage Co. Land & Water Conservation Dept.

Results from the 2023 McDill Pond Resident Survey



Objective 7.2. Protect undeveloped and vegetated areas around McDill Pond.

Actions	Lead person/group	Start/end dates	Resources
Encourage the continued protection of undeveloped City-owned property.	MILPRD	Ongoing	City of Stevens Point
Support the use of conservation easements by landowners to protect their land.	MILPRD	As needed	North Central Conservancy Trust WDNR Lake Protection grants

Objective 7.3. Work to ensure that shoreland zoning ordinances are developed and implemented to protect the health of McDill Pond (if local rules are allowed by the State).

Actions	Lead person/group	Start/end dates	Resources
Work with proper officials to develop a shoreland zoning ordinance for McDill Pond.	MILPRD	2023	City of Stevens Point Extension Lakes UWSP
Ensure landowners and local officials understand the shoreland zoning ordinance and how to implement it (see Objective 8.1).	MILPRD	Ongoing	

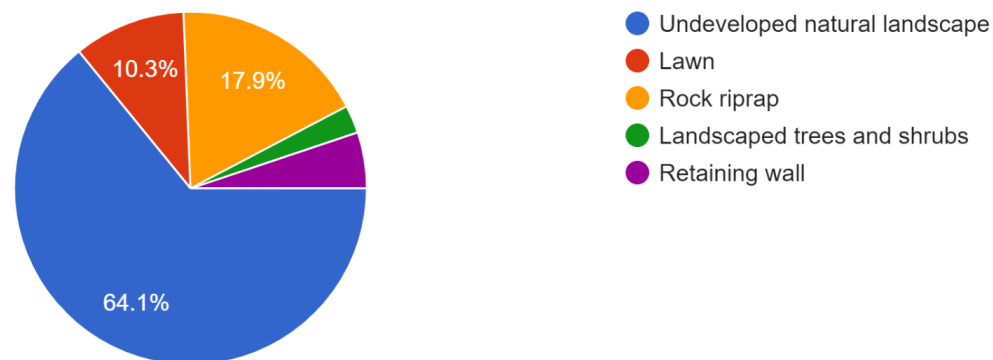


Photo by:
Portage County LWCD

Results from the 2023 McDill Pond Resident Survey

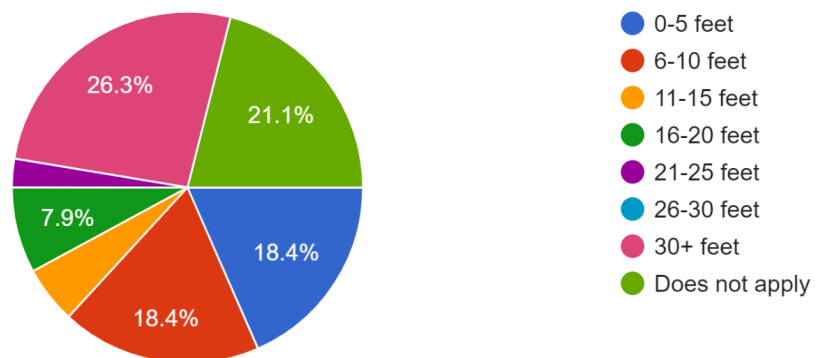
What best describes the location where the majority of your property meets the lake?

39 responses



If you have undeveloped natural landscape or a combination of un-mowed vegetation with trees and shrubs, how far from the lakeshore on to the property does it extend?

38 responses



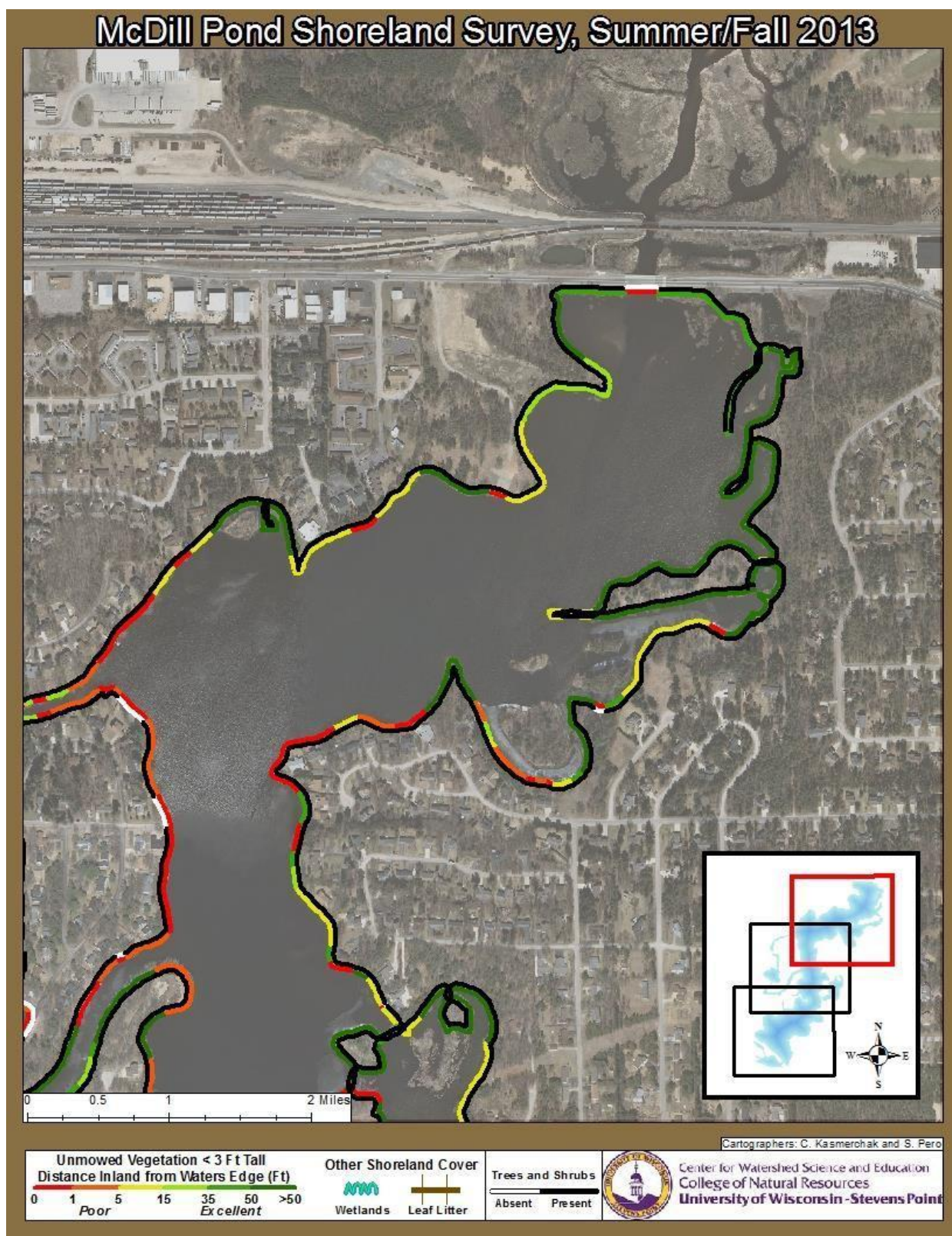
McDill Pond 2013 Shoreland Inventory

Shoreland vegetation is critical to a healthy ecosystem in and around McDill Pond. It provides habitat for many aquatic and terrestrial animals including birds, frogs, turtles, and many small and large mammals. It also helps to improve the quality of the runoff that is flowing across the landscape towards the lake. Healthy shoreland vegetation includes a mix of tall grasses/flowers, shrubs and trees.

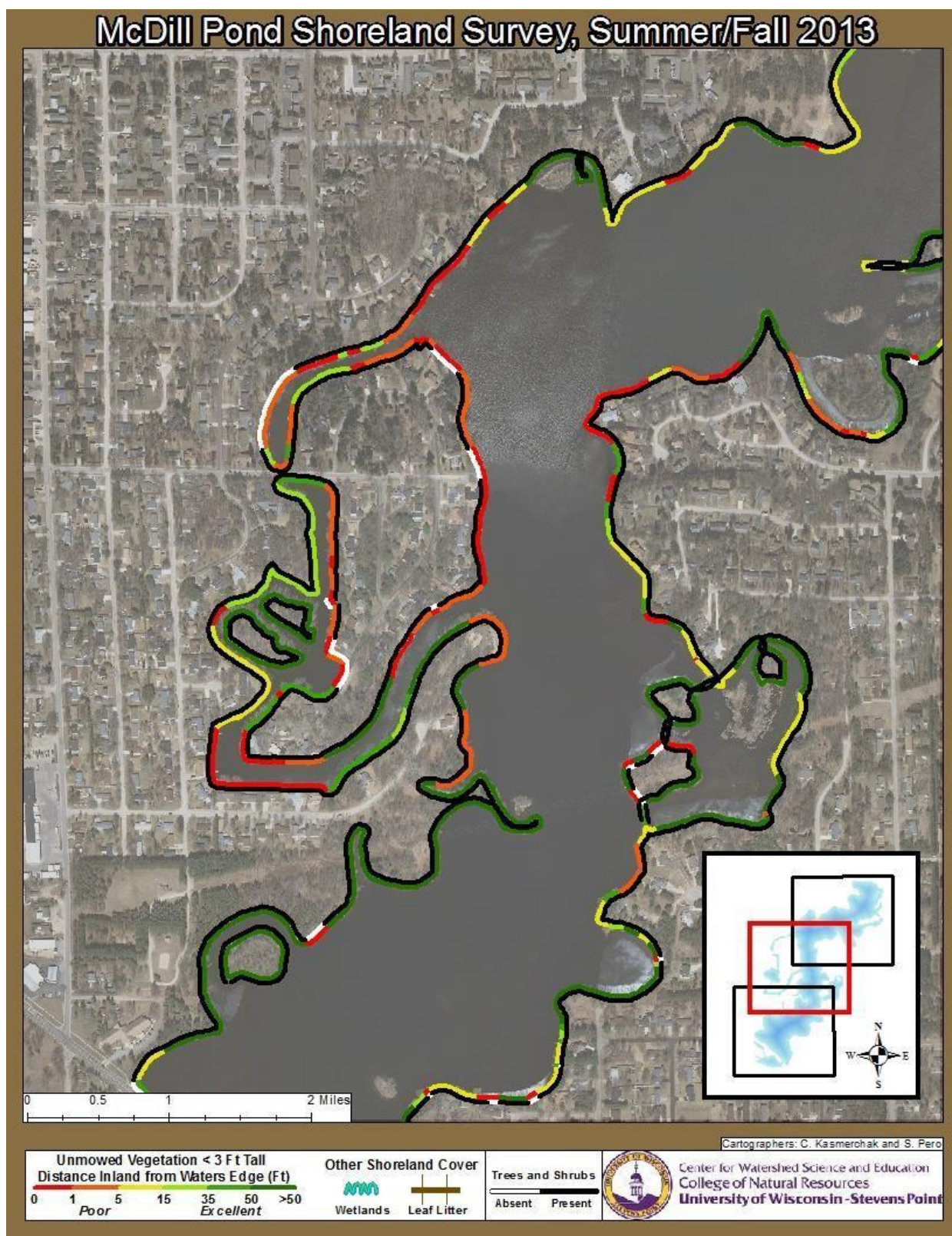
A 2012 survey was not conducted due to low water drawdown levels; therefore, the shoreland survey conducted during summer/fall 2013 had a different design than the rest of the Portage County lakes. The survey analyzed the shoreland vegetation with respect to the depth inland of the forbs layer only. Additionally, the shrubs and trees were collapsed into one layer showing their presence or absence around the shoreline. The ring nearest the lake depicted the shoreland vegetation depth inland from the water's edge for the 0.5 to 3 foot tall vegetation (forbs and grasses) and the outer ring depicted the presence or absence of vegetation greater than 15 feet in height (trees). McDill Pond's results, unlike other Portage County lakes, are displayed via a three- map series rather than one map. This was due to the high variability in McDill Pond's shoreland vegetation buffers, and also to highlight details that might otherwise go unnoticed on a single map.

McDill Pond's 2013 shoreland disturbance survey was conducted simultaneously with its shoreland vegetation survey. As with the shoreland vegetation survey results, the disturbance survey results are displayed via three- map series, showing: boat landings, docks/piers, and dam/spillways; culverts present on the lake; shoreline erosion, stretches of rip-rap, seawalls, and barren portions of the shoreland; and, structures that are in close proximity to the shoreland interface.

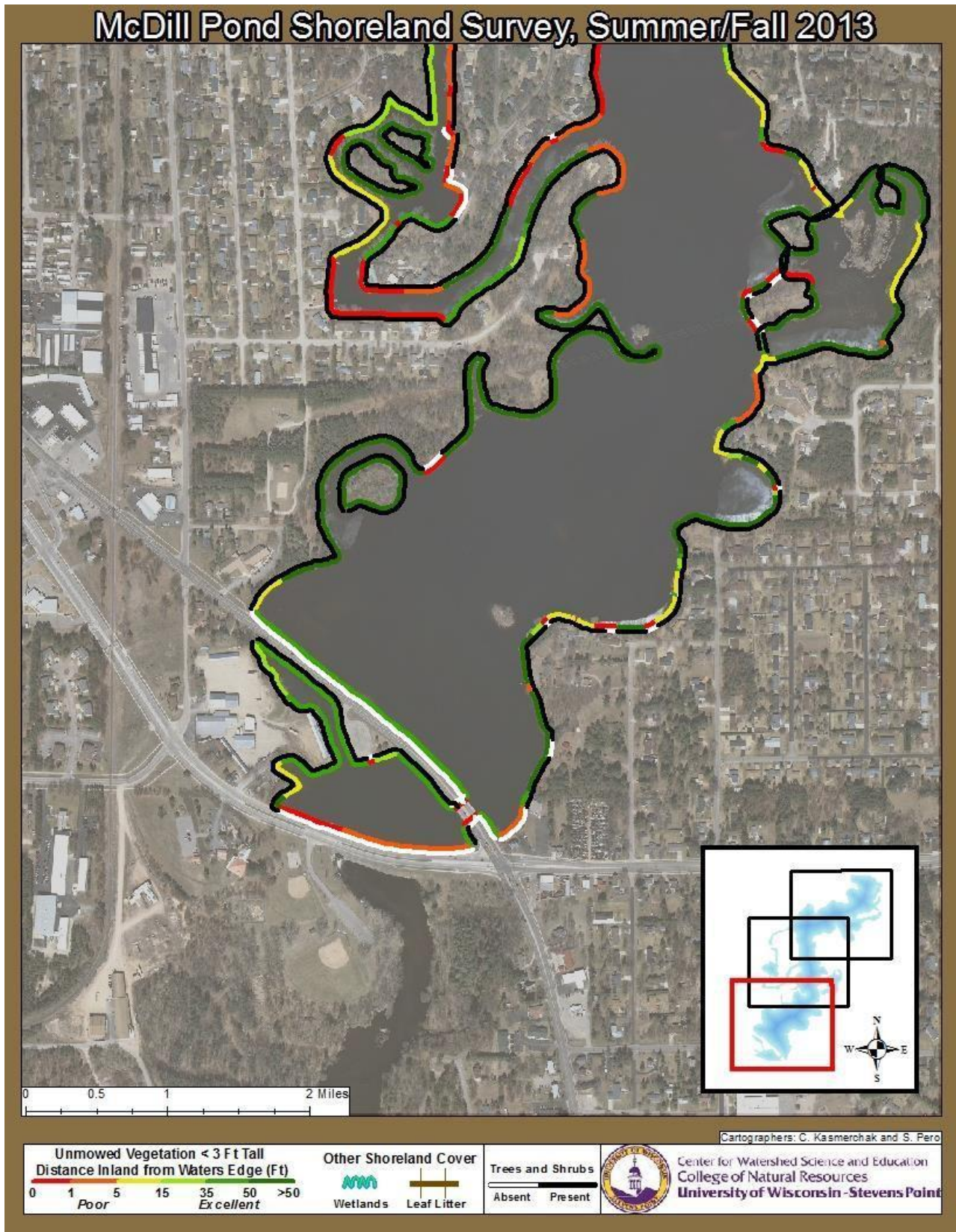
The results of McDill Pond's shoreland inventory are slightly different from other Portage County lakes, as a new shoreland inventory survey was developed after the 2012 surveys and used for McDill Pond; however, it should be noted that assessments on the status of shoreland health were conducted in a similar manner.



McDill Pond shoreland survey (upper section), early summer/fall 2013.

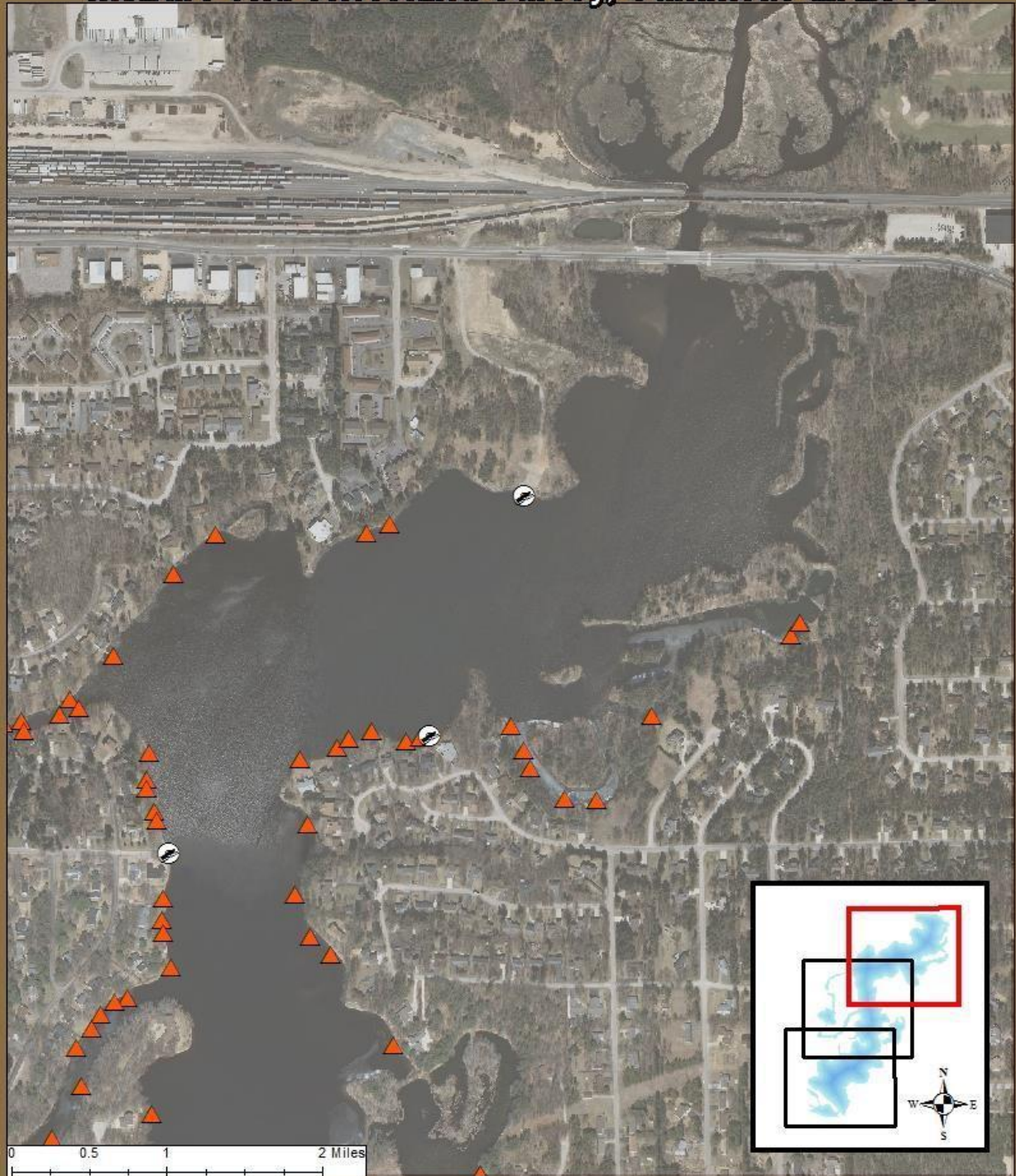


McDill Pond shoreland survey (center section), early summer/fall 2013.



McDill Pond shoreland survey (lower section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer/Fall 2013



Shoreland Development

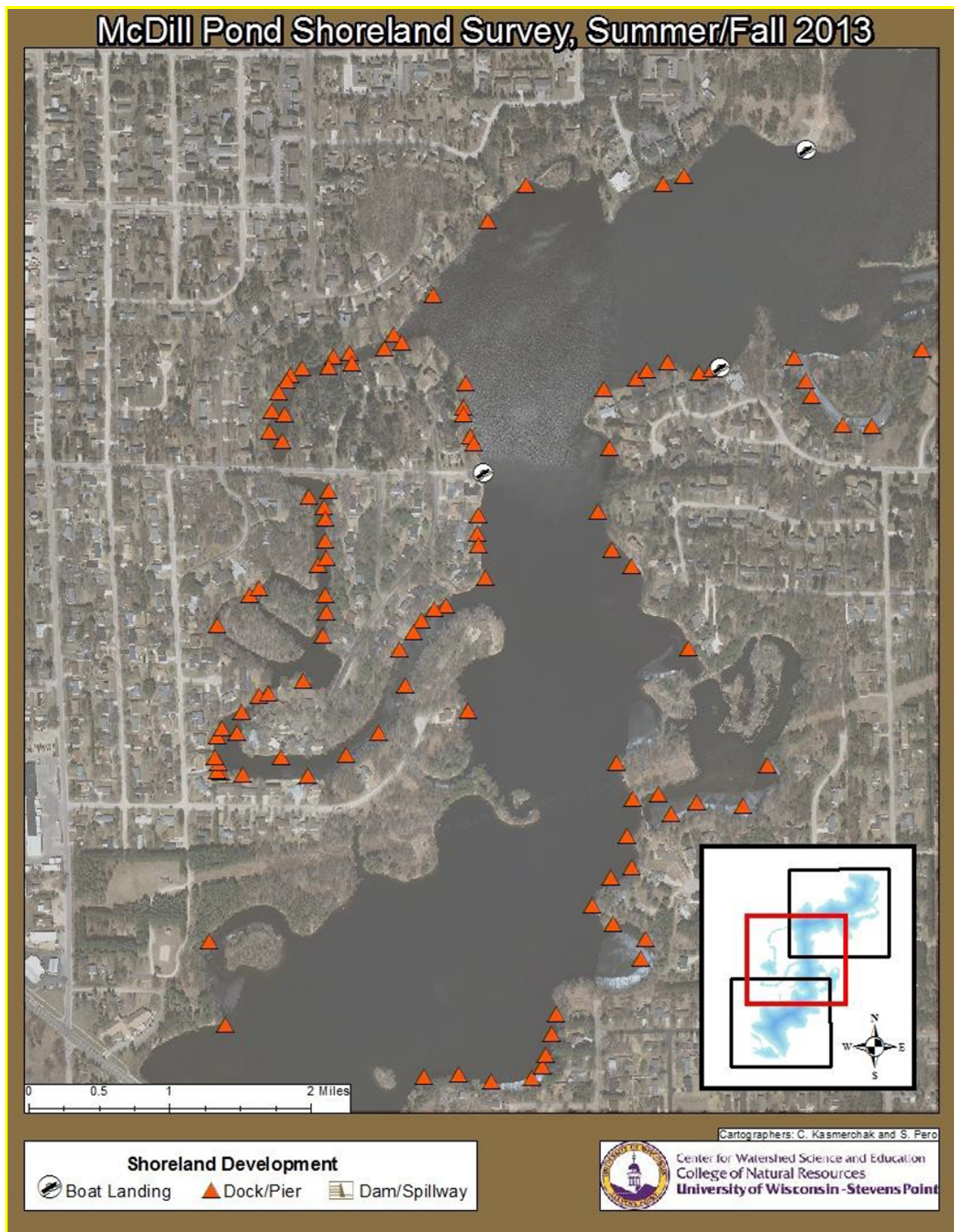
 Boat Landing
  Dock/Pier
  Dam/Spillway



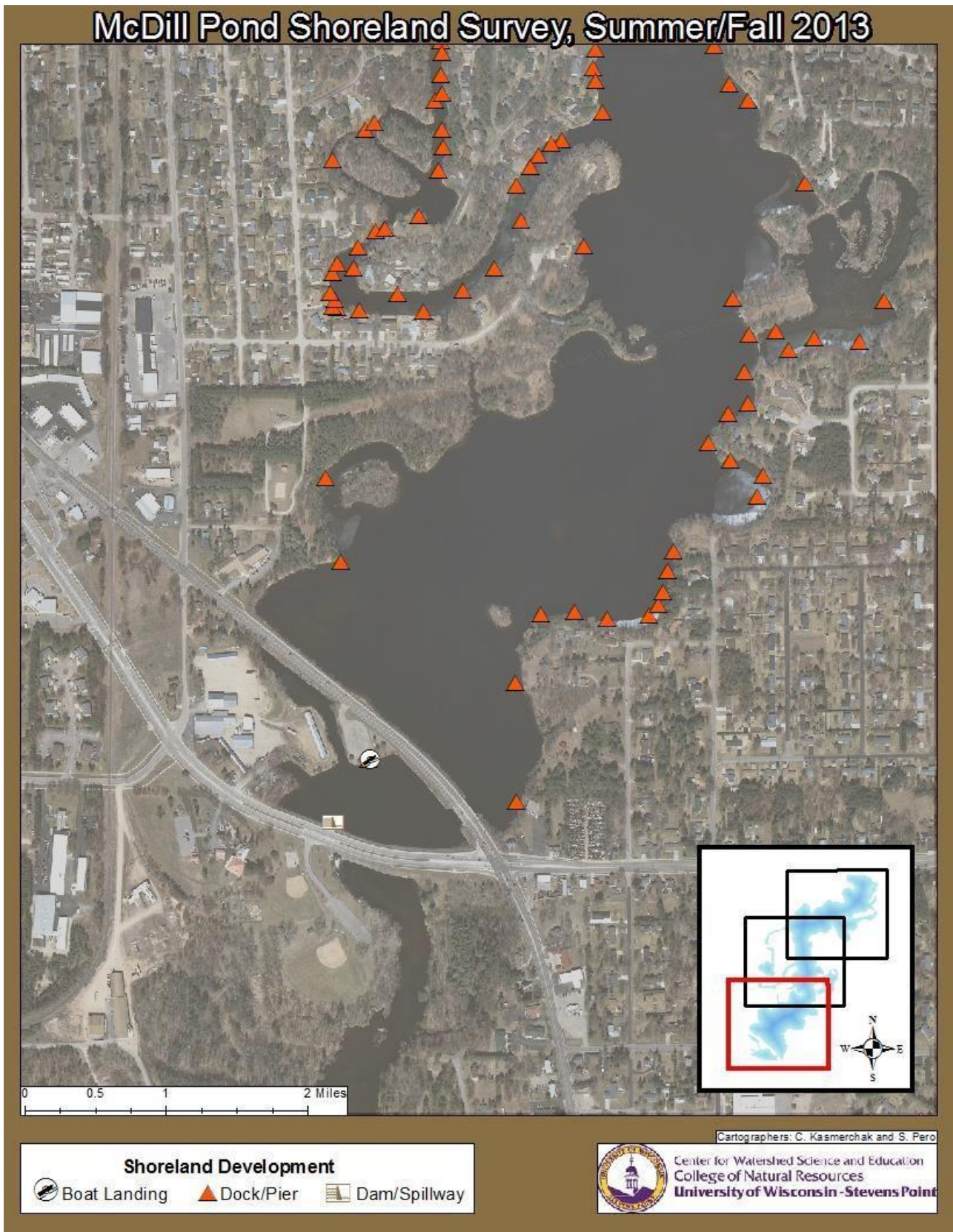
Cartographers: C. Kasmerchak and S. Pero

Center for Watershed Science and Education
College of Natural Resources
University of Wisconsin-Stevens Point

McDill Pond shoreland disturbance survey showing boat landings, docks/piers and dam/spillways (upper section), early summer/fall 2013.



McDill Pond shoreland disturbance survey showing boat landings, docks/piers and dam/spillways (center section), early summer/fall 2013.



McDill Pond shoreland disturbance survey showing boat landings, docks/piers and dam/spillways (lower section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer/Fall 2013



Cartographers: C. Kasmerchak and S. Pero

Size of Culvert (ft)

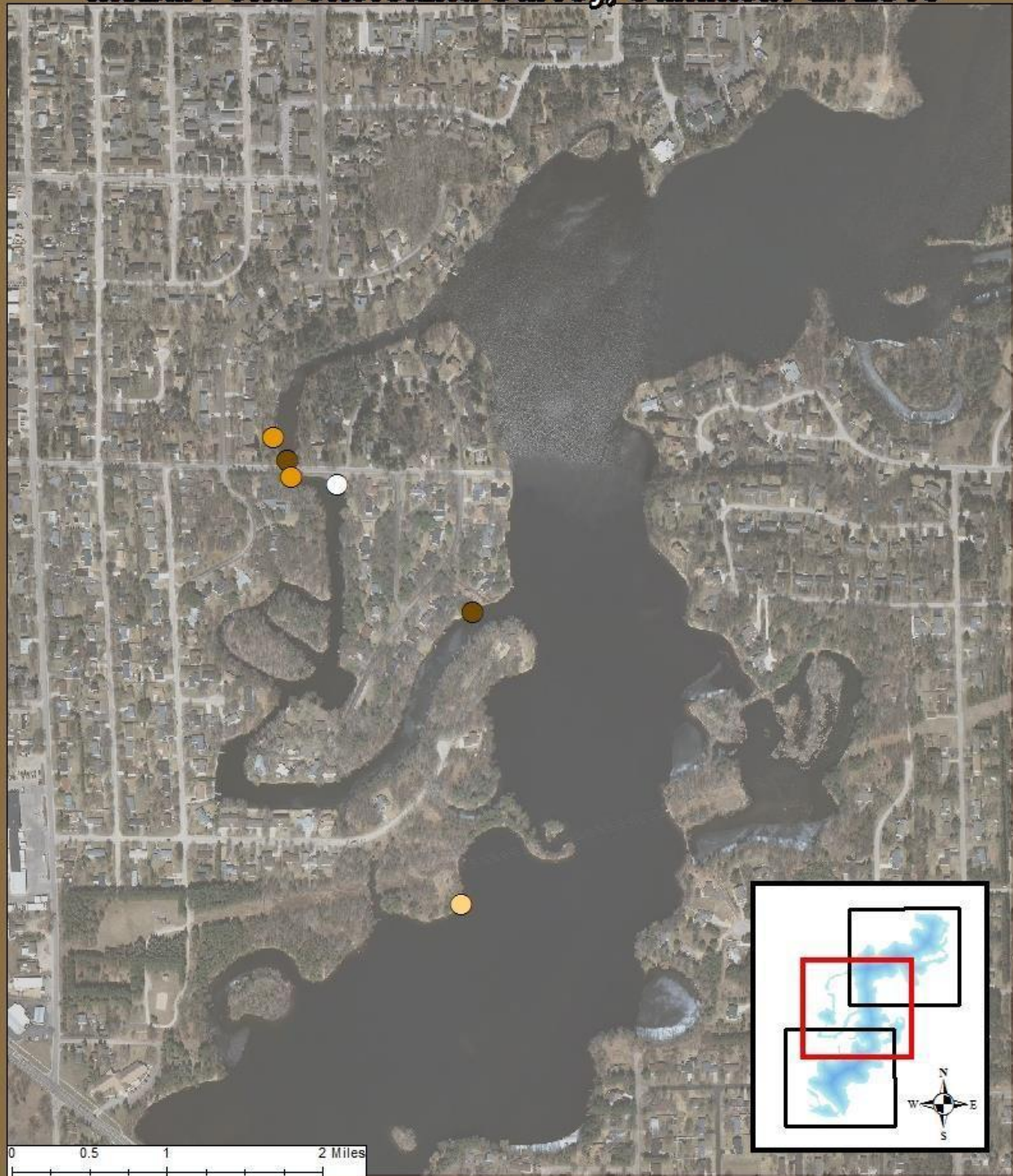
○ < 1 ● 1- < 3 ● 3-3.5 ● > 3.5



Center for Watershed Science and Education
College of Natural Resources
University of Wisconsin - Stevens Point

McDill Pond shoreland disturbance survey showing culverts (upper section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer/Fall 2013



Size of Culvert (ft)
 ○ < 1 ● 1- < 3 ● 3-3.5 ● > 3.5

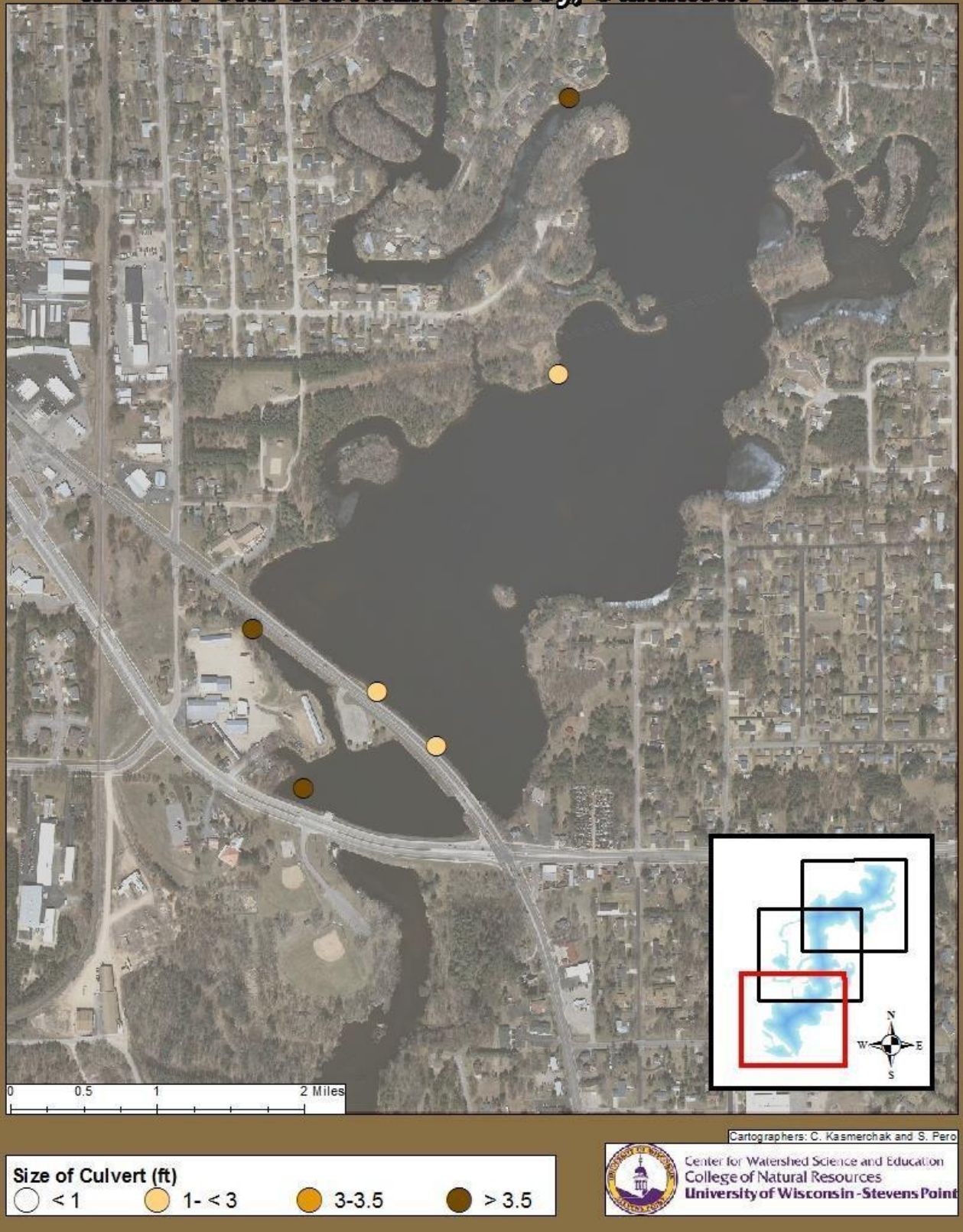


Center for Watershed Science and Education
 College of Natural Resources
 University of Wisconsin-Stevens Point

Cartographers: C. Kasmerchak and S. Pero

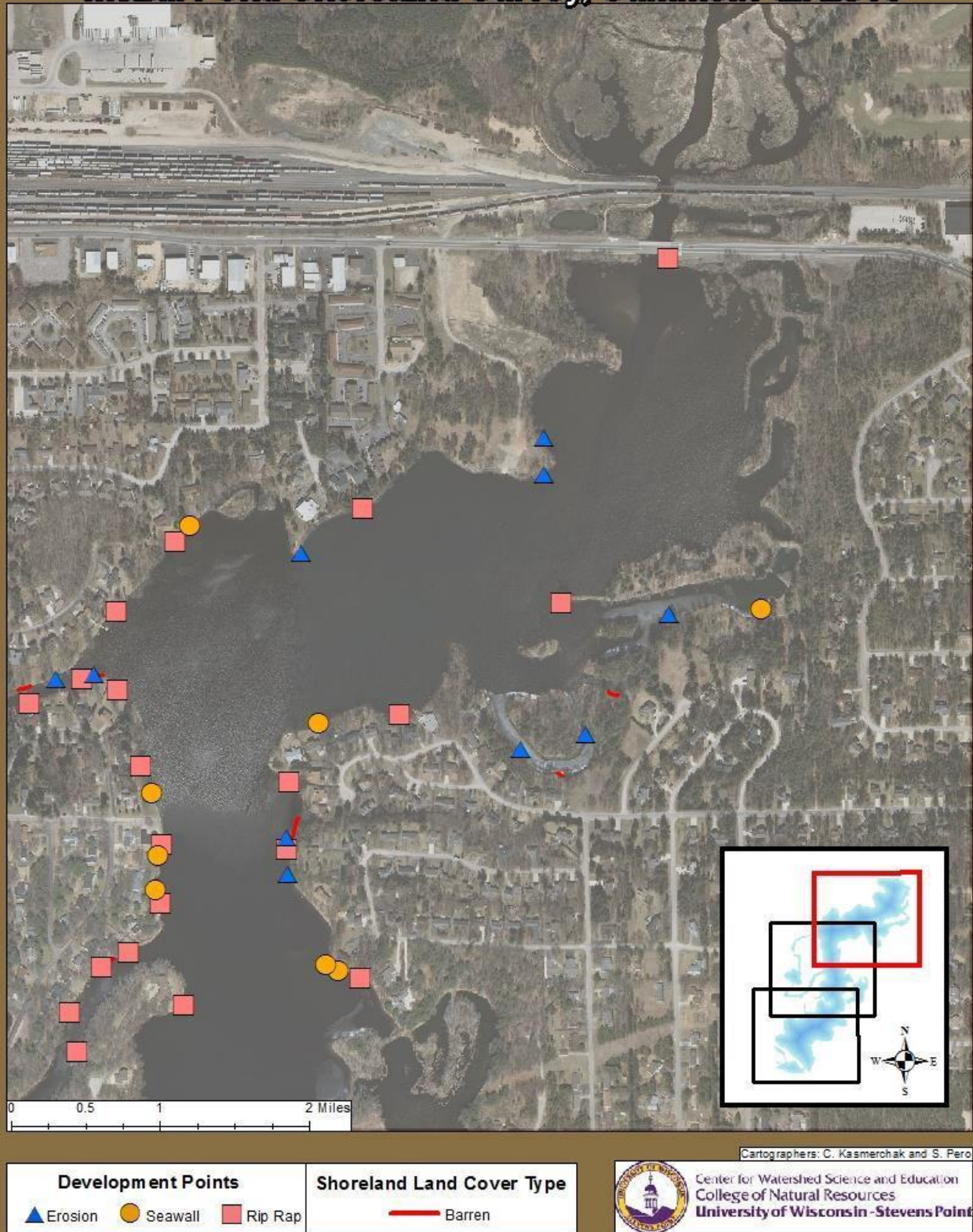
McDill Pond shoreland disturbance survey showing culverts (center section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer/Fall 2013

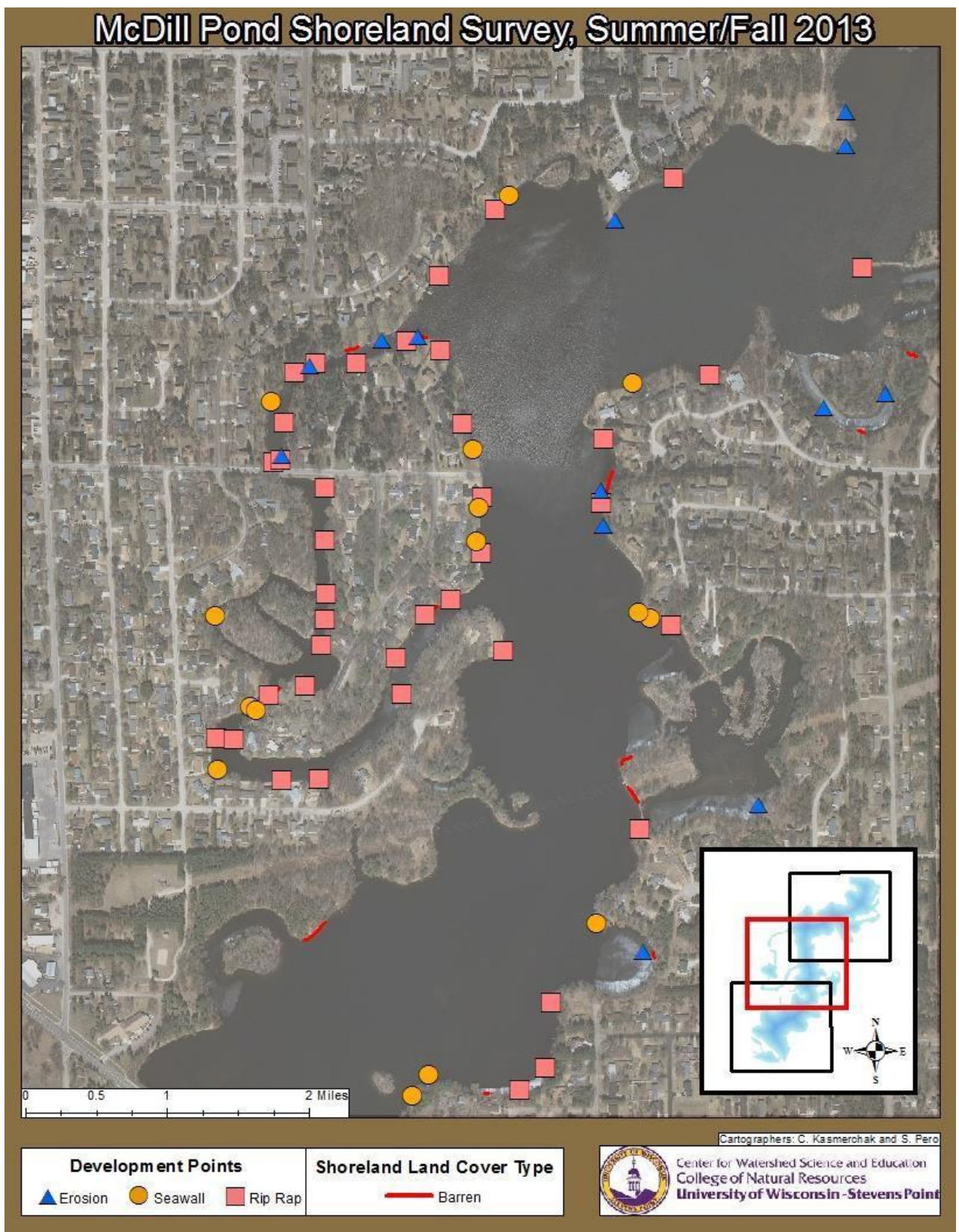


McDill Pond shoreland disturbance survey showing culverts (lower section), early summer/fall 2013.

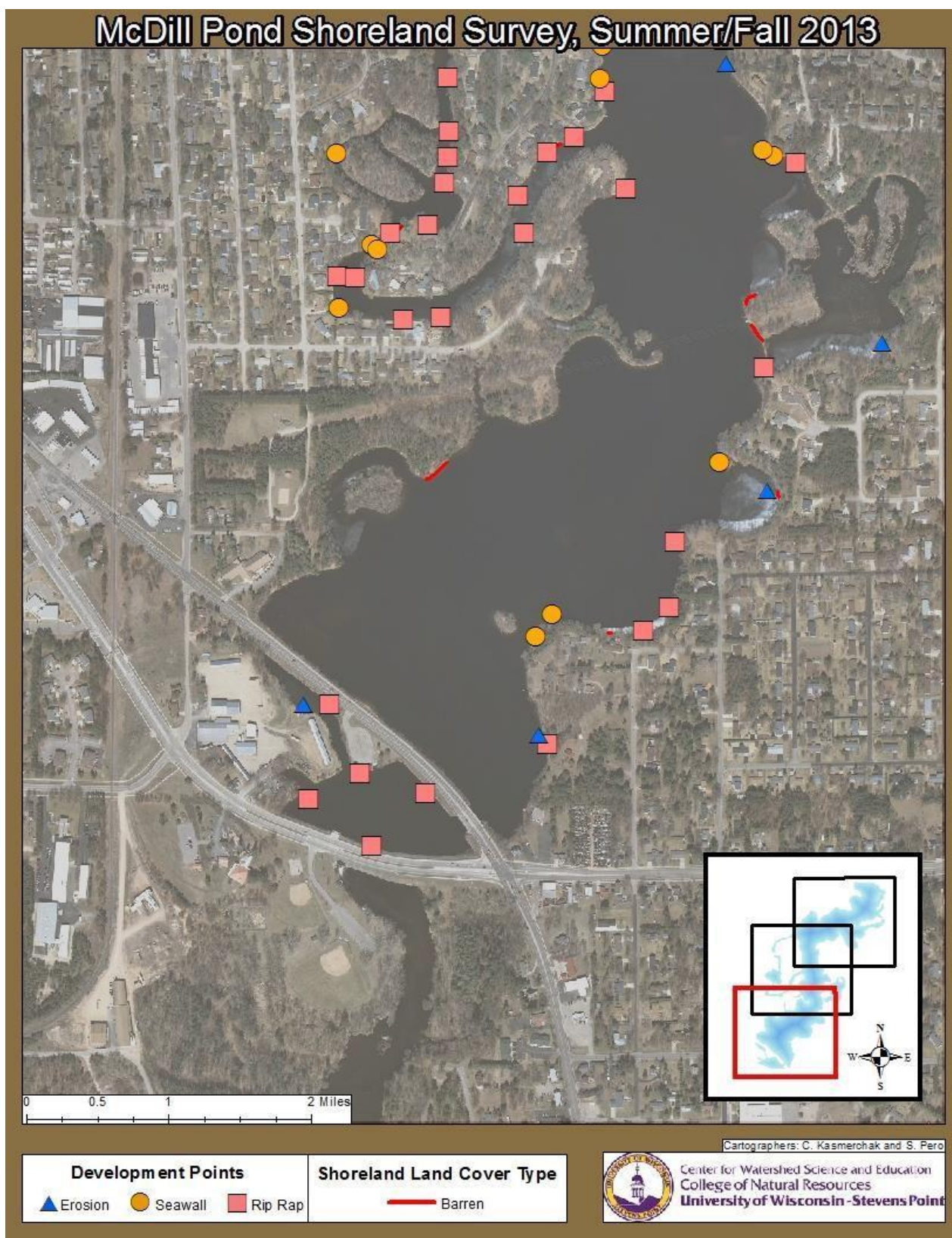
McDill Pond Shoreland Survey, Summer/Fall 2013



McDill Pond shoreland disturbance survey showing erosion, seawalls, rip-rap and barren areas (upper section), early summer/fall 2013.

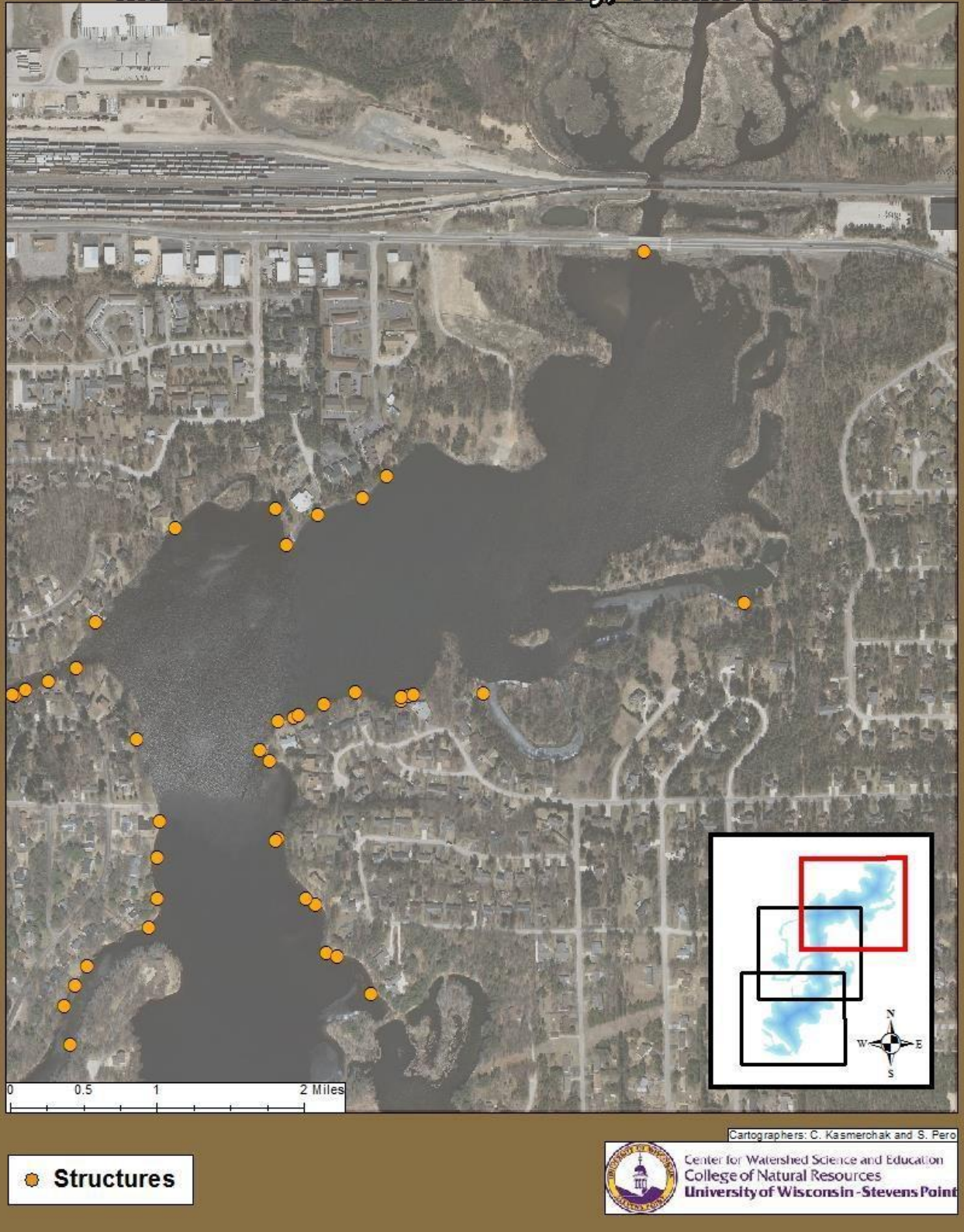


McDill Pond shoreland disturbance survey showing erosion, seawalls, rip-rap and barren areas (center section), early summer/fall 2013.

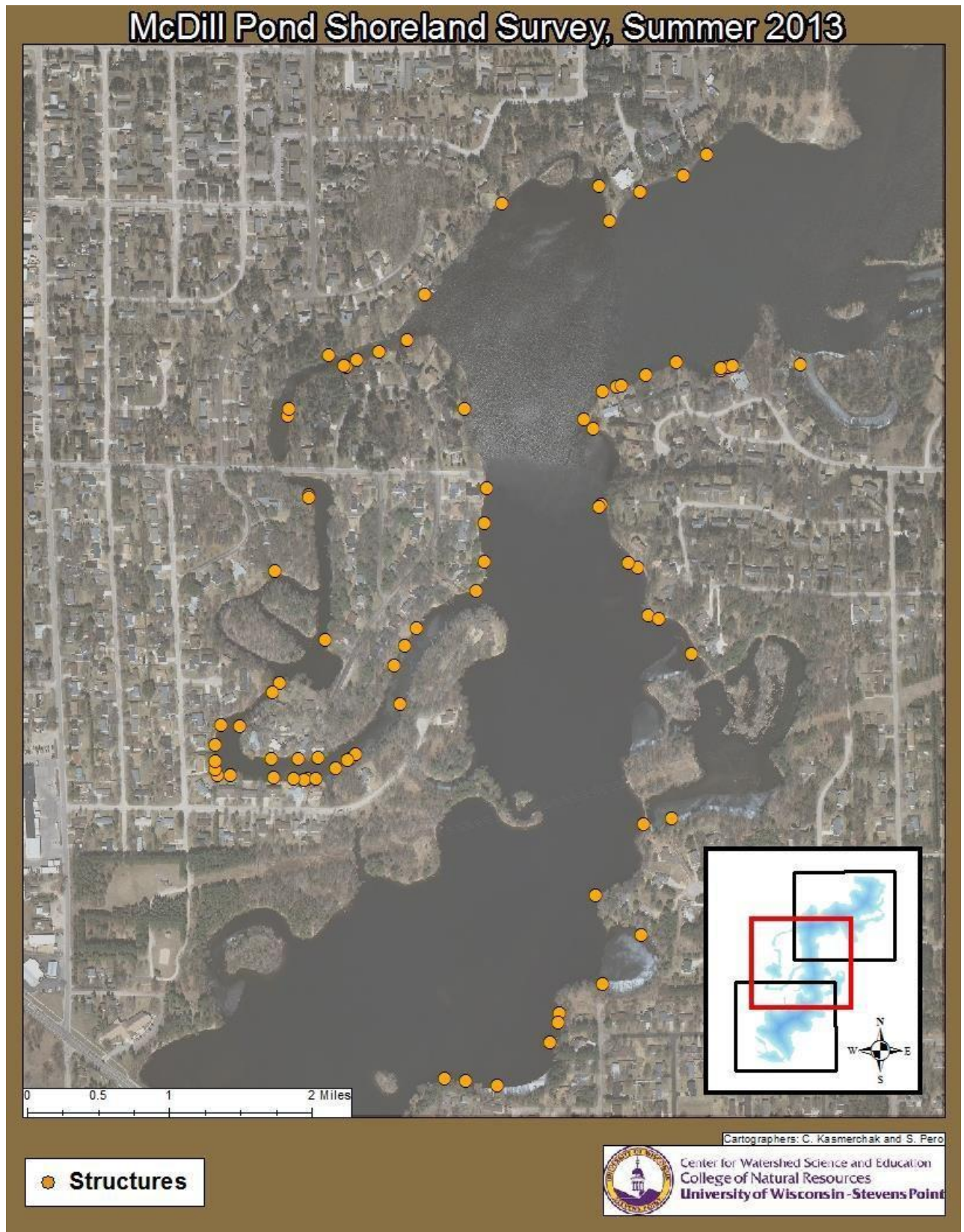


McDill Pond shoreland disturbance survey showing erosion, seawalls, rip-rap and barren areas (lower section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer 2013

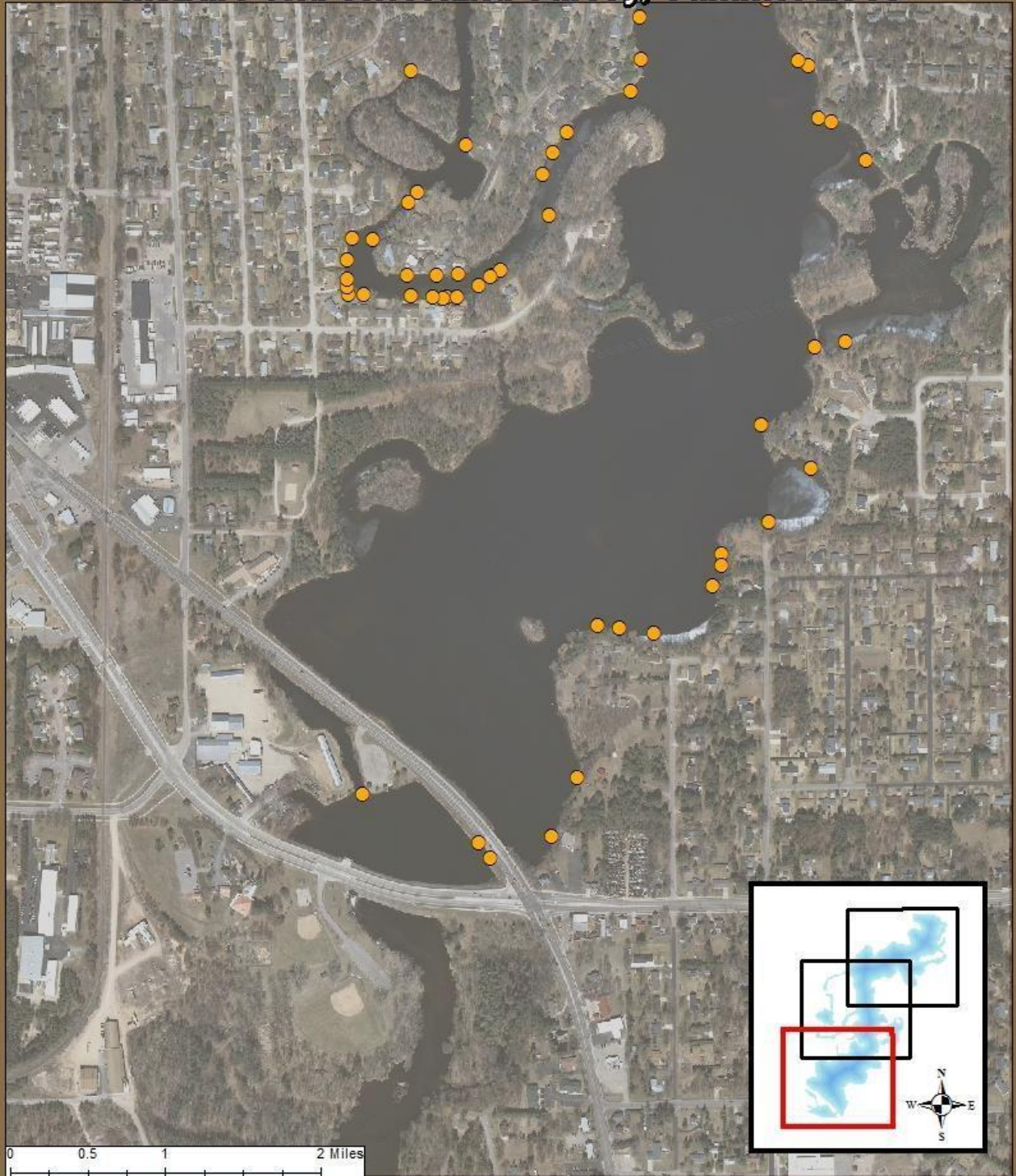


McDill Pond shoreland disturbance survey showing structures near the shoreland (upper section), early summer/fall 2013.



McDill Pond shoreland disturbance survey showing structures near the shoreland (center section), early summer/fall 2013.

McDill Pond Shoreland Survey, Summer 2013



● Structures

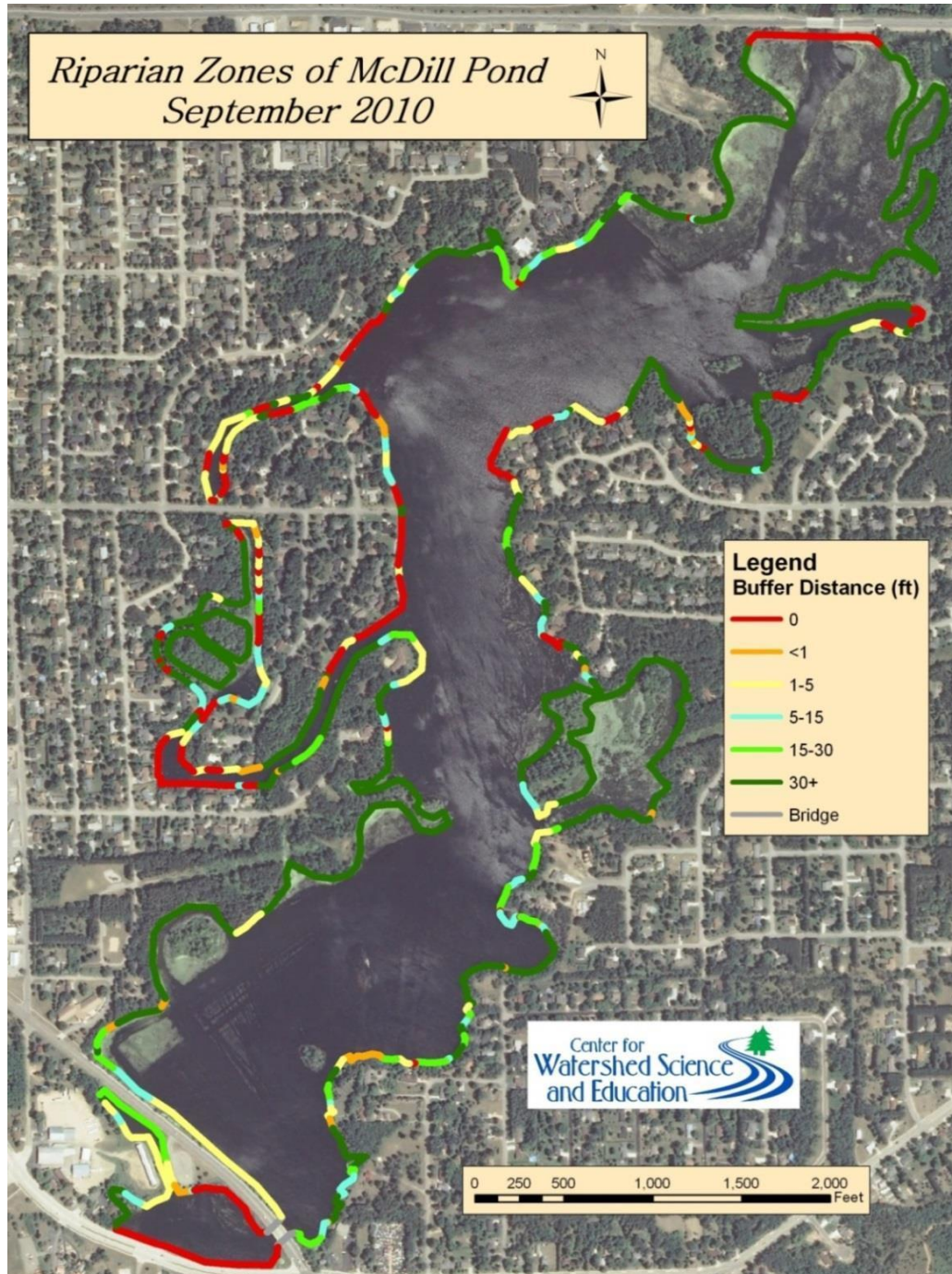


Cartographers: C. Kasmerchak and S. Pero
Center for Watershed Science and Education
College of Natural Resources
University of Wisconsin-Stevens Point

McDill Pond shoreland disturbance survey showing structures near the shoreland (lower section), early summer/fall 2013.

McDill Pond 2010 Shoreland Inventory

Shoreland surveys were conducted annually from 2007 to 2010 to measure the extent of changes as residents and the Village of Plover worked to improve the shores. The survey categories were changed over the years to provide a better measure of incremental improvements.



McDill Pond shoreland survey, early fall 2010.

McDill Pond 2010-2013 Shoreland Inventory Comparison

The shoreland surveys on McDill Pond in 2010 and 2013 were conducted slightly differently; however, changes in shoreland buffers can still be quantified. This was done by combining some of the buffer depth categories from the 2010 survey to better mirror the 2013 survey. In the 2010 survey, the “0 ft” buffer category was combined with the “bridge” category, since the 2013 survey marked the bridge as a “0 ft” buffer. Additionally, the “<1 ft” category in the 2010 survey was combined with the “1-5 ft” category for easier comparison with the “1-5 ft” category in the 2013 survey. The largest shoreland vegetative buffer category in the 2010 survey was “30+ ft,” whereas the largest buffer category in the 2013 survey was “>50 ft.” In order to compare the largest buffer categories between the two surveys, the “35-50 ft” and “>50 ft” categories were combined in the 2013 survey. The tables below show the total feet of shoreland buffers falling into the survey categories for 2010 and 2013.

Length of shoreland buffers around McDill Pond by category, 2010.

McDill Pond 2010	
Buffer Category	Length (ft)
0 ft	7790
<1 ft	1378
1-5 ft	6451
5-15 ft	3249
15-30 ft	3735
30+ ft	27031
Bridge	248

Length of shoreland buffers around McDill Pond by category, 2013.

McDill Pond 2013	
Buffer Category	Length (ft)
0 ft	6968
1-5 ft	5812
>5-15 ft	8579
>15-35 ft	6546
>35-50 ft	3642
>50 ft	21758

Based on the comparison between the 2010 and 2013 surveys of McDill Pond, it can be concluded that vegetative buffers falling into the ‘>5-15 ft’ and ‘>15-35 ft’ categories have increased. Additionally, there has been a decrease in buffer depths less than 5 feet. This demonstrates that vegetative buffers along the shoreland of McDill Pond have increased over the past three years. With the increase of buffers in the ‘>15-35 ft’ category, lake property owners are increasing their compliance with county shoreland zoning ordinances. An interesting aspect of this is that the ‘>35 ft’ category has decreased in total length of shoreline since the 2010 survey. This

may be a result of increased shoreland development on McDill Pond over the past three years, and thus vegetative buffers greater than 35 feet inland have decreased.

People and the Lake

The people that interact with the lake are a key component of the lake and its management. In essence, a lake management plan is a venue by which people decide how they would like people to positively impact the lake. The plan summarizes the decisions of the people to take proactive steps to improve their lake and their community. Individual decisions by lake residents and visitors can have positive impacts on the lake and on those who enjoy this common resource. Collaborative efforts may have bigger positive impacts; therefore, communication and cooperation between MILPRD, community, and suite of lake users are essential to maximize the effects of plan implementation.

Boating hours, regulations, and fishing limits are examples of principles that are put into place to minimize conflicts between lake users and balance human activities with environmental considerations for the lake.

Recreation

McDill Pond provides many recreational opportunities enjoyed by residents, local residents, and visitors. MILPRD board members feel that in recent years, the use of the pond and the variety of recreational uses associated with the pond have increased.

Iverson Park is located just upstream of McDill Pond, providing habitat and home for fish and wildlife, a beach, walking trails, cross country skiing trails, picnic grounds, a sledding hill and toboggan runs. A local business, rents kayaks in Iverson Park, making it easy to access McDill Pond.

On the northwestern shore of the pond, Koziczkowski Park (14 acres) and the Godfrey and Maybelle Erickson Natural Area (5.5 acres) comprise a total of 19.5 acres. These properties are part of the Green Circle Birding Trail. One hundred seventy-one bird species have been observed on or near this important property, including three endangered species: peregrine falcon, yellow-throated warbler, and hooded warbler. In recent years, a loon has taken up residence on the pond. Many birders visit these properties. In addition to use by birders, the trails on these properties are also enjoyed by bikers, runners, dog walkers, and nature enthusiasts. Koziczkowski Park also offers a playground and swimming beach.

Some of the most popular recreational activities on McDill Pond include canoeing/kayaking/paddleboarding, walking, enjoying wildlife, swimming, tubing, solitude, and enjoying scenery. Although a number of people use McDill Pond each day, most of the activities are quite quiet which results in few user conflicts; however, jet skiing, waterskiing and tubing continue to become common activities on McDill. The MILPRD needs to be aware of the potential for conflicting activities and promote safety while encouraging users to all share the pond and its multiple purposes.



The urban setting of McDill Pond provides easy access to relaxing recreational opportunities right in town. Angling is enjoyed by individuals and families living on or near McDill Pond. Management of the shorelands, the lake bed, aquatic plants, and stormwater runoff can all affect the fishery in positive or negative ways.

During the winter, the pond is used for ice skating, hockey, broomball, snowshoeing, ice fishing, snowmobiling, driving ATVs, and winter campfire gatherings. McDill Pond used to be home to the Bill Cook Chapter of the Izaak Walton League's Winter Jamboree, which drew hundreds of attendees each year in January. The event may return in future years once the dredging project is complete.

2014 Updates: Citizens reported that waterfowl hunting was occurring near the pond, creating what they felt was a dangerous situation.

2022 Updates: Citizens reported that poaching has been occurring on McDill Pond, and further patrol of ice fishing is needed.

Guiding Vision for Recreation

McDill Pond will have navigable waters for a variety of recreational purposes.

Goal 8. A variety of recreational opportunities will be available on and near McDill Pond that protect the healthy ecosystem and safety of lake users.

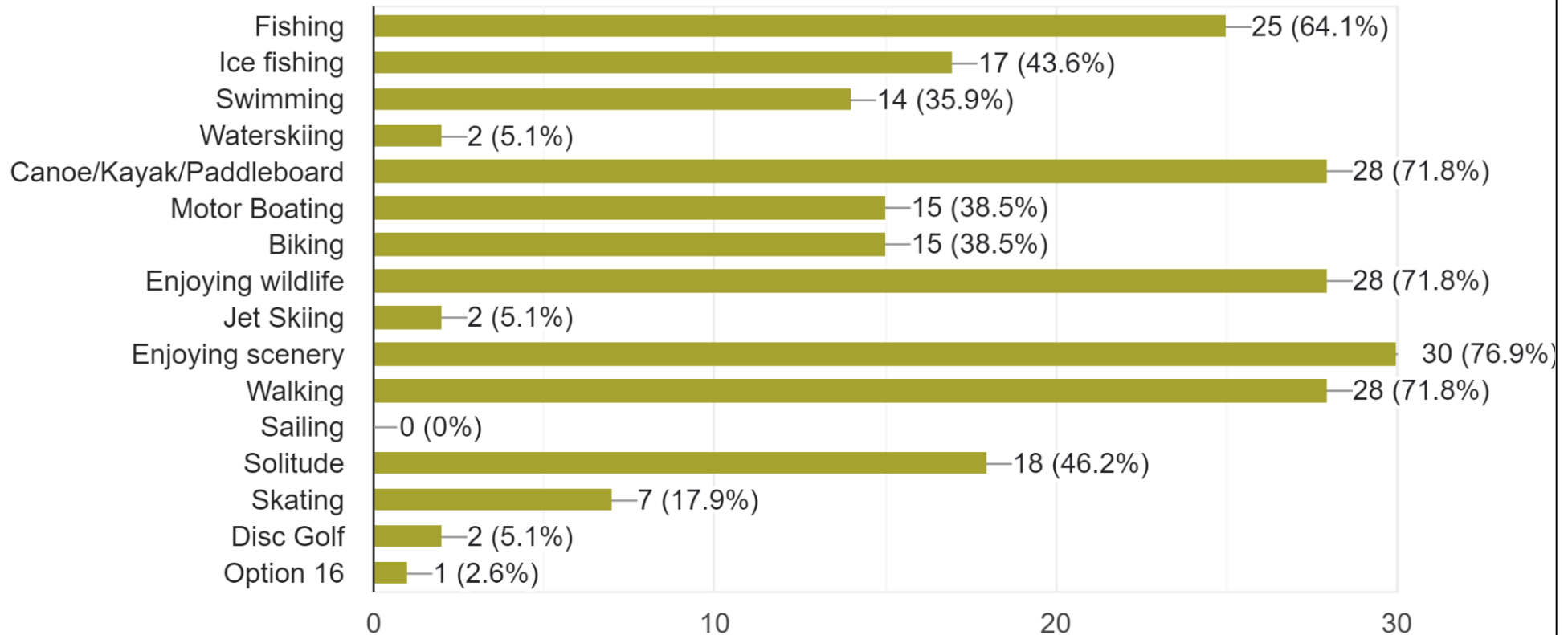
Objective 8.1. Continue to support silent sports/low impact recreational opportunities on McDill Pond that promote the scenic nature of the pond.

Actions	Lead person/group	Start/end dates	Resources
Make sure the waters of McDill Pond are navigable for recreational use.	MILPRD	Ongoing	
Finish dredging project and continue to monitor newly dredged areas	MILPRD	Ongoing	City of Stevens Point WDNR Lake Manager
Provide information to lake residents and lake users about the no-wake zone 100 feet from shore through courtesy code, sign and newsletter.	MILPRD	Ongoing	Extension Lakes WDNR
Maintain a no-wake zone in Spring Slough due to the sensitive areas there.	MILPRD	Ongoing	City of Stevens Point
Do not install a dock at Heffron Street due to limited parking space for existing neighbors.	MILPRD	Ongoing	
Educate and encourage residents on how to spot violations and contact appropriate authorities.	MILPRD	Ongoing	WDNR Warden Portage Co. Sheriff's Office

Results from the 2023 McDill Pond Resident Survey

What activities do you enjoy partaking in/on/near McDill Pond? Multiple choices are ok

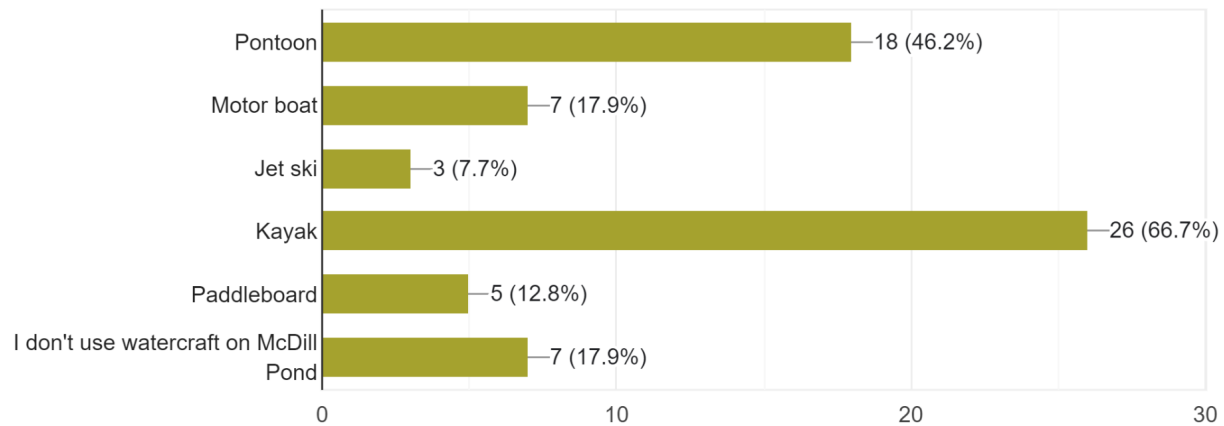
39 responses



Results from the 2023 McDill Pond Resident Survey

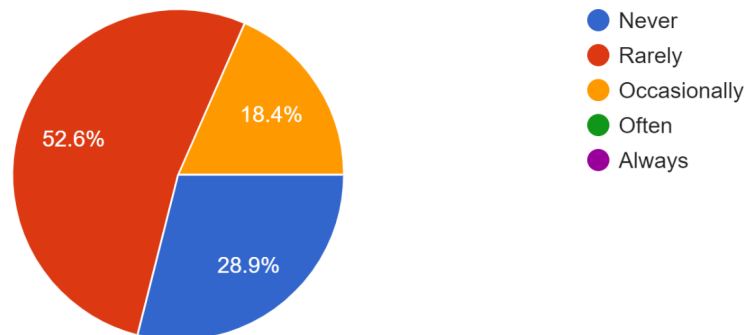
What kind of watercraft, if any do you use on McDill Pond?

39 responses



How often, if at all, do others recreating/boating on the lake disrupt your enjoyment of McDill Pond?

38 responses



Koziczowski Park and Erickson Natural Area Maps

Stevens Point, Wisconsin



(Source: http://greencircletrail.org/birding/Koziczkowski_park_map.pdf)

History and Ownership of the Dam

This information was taken directly from the MILPRD website <http://mcdillpond.com/wp/history-of-mcdill-pond-and-our-lake-district/>.

In 1853 Amos Courtwright and Luther Hanchett first dammed the Plover River near the site of the current dam for logging purposes. In 1864 ownership of the dam was transferred to Dr. Alexander S. McDill and his brother Thomas H. McDill who operated a sawmill there as well as a grist mill. As pioneer lumbermen and merchants they made the Plover River integral in the local lumber industry, and at that time the area was known locally as “McDillville”. In the 1870s lumber rafting on the Plover River began to decline due to the development of the railroad, and logs were hauled by rail vs. water. In 1895 a fire destroyed the McDill sawmill.

The McDill Pond grist mill was erected in 1885 at the same site as the sawmill. The site originally contained two dams. The grist mill was used to grind grain for local farmers, and later served as a graphite mill for graphite that was mined in the Junction City area. Near the turn of the century the site was purchased by a paper company and a Kraft pulp mill was operated. Locally termed the “stink mill” it operated on and off until after World War II.

In 1954 the Village of Whiting bought the land and mill buildings for \$7000. At that time the size of the pond created by the dam was much smaller than it is today. After the Village of Whiting purchased the land, they raised the water level to approximately where it is today. By the late 1950s the McDill dam was in poor condition. In 1959 the village of Whiting drained the pond to build a new dam. During the three-year drawdown, previously submerged tree stumps were collected and burned, and muck was removed from some channels. Several areas of the pond were deepened, including a trout pond that was dug by a local sports club. A few property owners also drag-lined and bulldozed channels. In some areas bottom material was used to create and expand some of the islands in the pond.

In 1962 the Village of Whiting completed the construction of the new concrete dam for \$31,000, which contained three adjustable gates for water flow. Upon completion of the dam it took about one week for the water levels to return back to its previous levels. Until 1999 the Village of Whiting manually adjusted the water level on the pond for fluctuations, often requiring almost daily monitoring and adjustment of the dam gates. In 1999 a new dam was constructed by the Department of Transportation and Portage County as part of the Highway HH reconstruction. In June 2011 the dam failed, causing a 2-year drawdown while the Village of Whiting, City of Stevens Point, McDill Lake District, WI DNR and Portage County worked out a mutual repair agreement and completed repair with a DNR Grant. McDill was refilled in May 2013, and restocking will be completed over the next two years. The McDill Inland Lake District has taken over ownership of the dam, with shared expense maintenance of the dam between the Lake District and City of Stevens Point.

Communication and Organization

Working together on common values will help to achieve the goals that have been outlined in this plan. Many of the goals outlined in this plan are focused on disseminating information to pond and watershed residents and pond users, ultimately to help them make informed decisions that will result in a healthy ecosystem in McDill Pond that is enjoyed by many people. There is no single best way to distribute information to those that enjoy and/or affect McDill Pond, so the planning committee has identified a variety of options to communicate with one another and in the community.

Goal 9. For successful implementation of this plan, communication will occur between MILPRD members, watershed residents, and other partners identified in this plan.

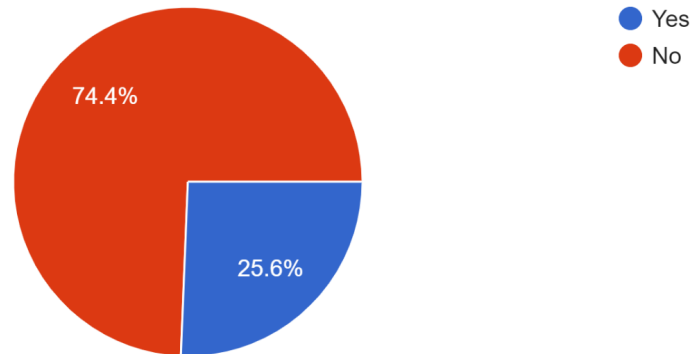
Objective 9.1. McDill Pond landowners and the community will be informed through a variety of methods.

Action	Lead person/group	Start/end dates	Resources
Host annual social opportunities for MILPRD members (parties, cookouts, etc.).	MILPRD	Annually	
Continue to look at fundraising opportunities for McDill	MILPRD	Annually	
Continue to utilize welcome packets to distribute information to landowners. Communicate with the City about how to be notified about new property owners. UWEX Lakes can share examples of welcome packets.	MILPRD	Ongoing	Extension Lakes City of Stevens Point
Continue to use the newsletter via e-mail and mail drops.	MILPRD	Ongoing	
Continue use of the website (www.mcdillpond.com), FaceBook (https://www.facebook.com/McDillPondStevensPoint/) and Instagram(@mcdill_pond).	MILPRD	Ongoing	
Routinely update officer contacts with UW-Extension Lakes.	MILPRD	As needed	Extension Lakes
Send a lake district representative to the annual Lakes Convention. This is frequently held in Stevens Point.	MILPRD	Annually in spring	Extension Lakes
Send a lake district representative to Lake Leaders Institute.	MILPRD	Even numbered years in fall	Extension Lakes
Work with Marathon County Lakes on management strategies for the Plover River.	MILPRD	Ongoing	UWSP Marathon Co. Lakes
Have MILPRD commissioners complete Commissioners training at the annual Wisconsin Lakes Convention.	MILPRD	Annually – as needed	Extension Lakes

Results from the 2023 McDill Pond Resident Survey

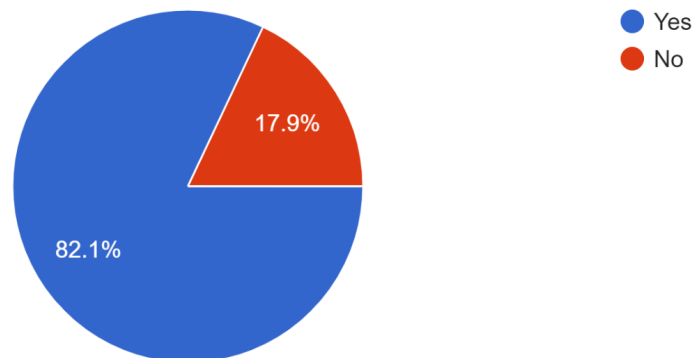
Do you attend the Annual Lake District Meeting?

39 responses



Have you visited the McDill Pond website?

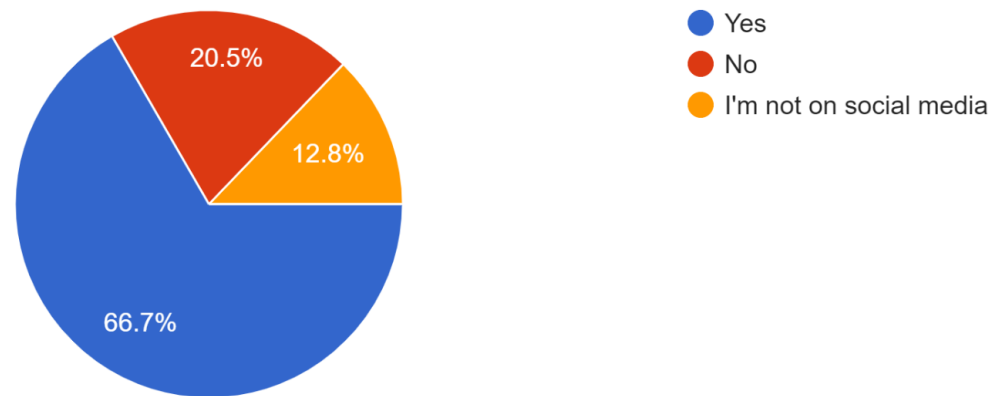
39 responses



Results from the 2023 McDill Pond Resident Survey

If your on social media, are you part of the McDill Pond Facebook page?

39 responses



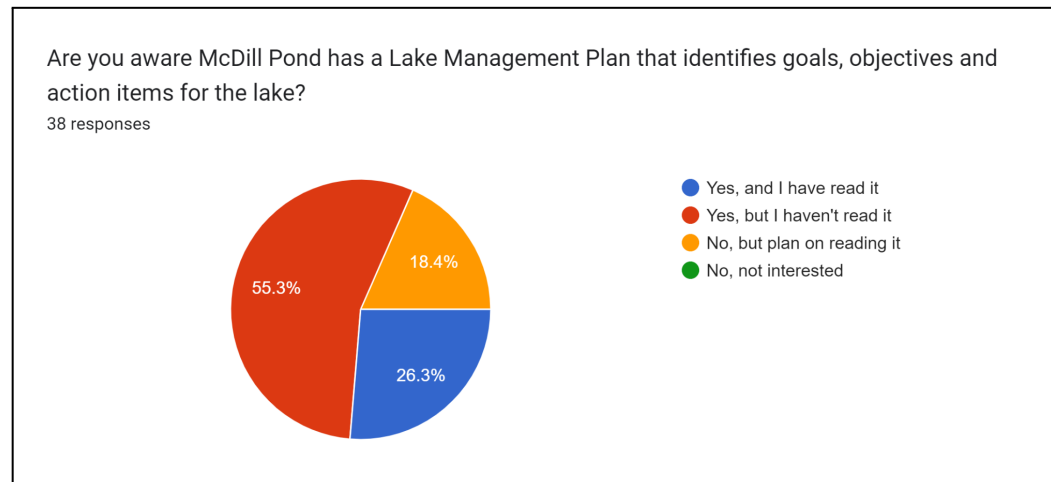
Updates and Revisions

A management plan is a living document that changes over time to meet the current needs, challenges and desires of the lake and its community. The goals, objectives and actions listed in this plan should be reviewed annually and updated with any necessary changes. It is important to communicate with partners listed in this plan to understand what they have accomplished, if impediments to success exist, or conditions have changed.

Goal 10. Keep the information and resources within the McDill Pond Management Plan current and up to date.

Action	Lead person/group	Start/end dates	Resources
Annually review the McDill Pond Management Plan to identify successes and plan for the upcoming year. Share this information with District members.	MILPRD	Annually review	Portage Co. Land & Water Conservation Dept.
Connect with partners listed in the plan for updates to their efforts. Share everyone's updates with all partners.	MILPRD	Annually at December meeting	Partners listed in the plan
If situations warrant, revisions to this plan may be made at any time. Barring this need, this plan should be updated every 5 years.	MILPRD	Next update 2028	Partners listed in the plan WDNR Planning Grant

Results from the 2023 McDill Pond Resident Survey



Aquatic Invasive Species Rapid Response Plan

Survey/Monitor

Learn to survey/monitor the lake from:

Water Resources Management Specialist	Portage County Aquatic Invasive Species (AIS) Coordinator
WDNR-Scott Provost or Colton Hutchinson	Golden Sands RC & D- Chris Hamerla
473 Griffith Ave, Wisconsin Rapids, WI 54494	1100 Main St, Suite #150, Stevens Point, WI 54481
715-421-7881	715-343-6215
Scott.Provost@wisconsin.gov or colton.hutchinson@wisconsin.gov	info@goldensandrccd.org or Chris.Hamerla@goldensandrccd.org

1. Collect Specimens or Take Pictures

- Collect, press, and dry a complete sample. This method is best because a plant expert can then examine the specimen
Or –
- Collect a fresh sample. Enclose in a plastic bag with a moist paper towel and refrigerate.
Or –
- Take detailed photos (digital or film) and send them by mail or email.

Regardless of method used, provide as much information as possible. Try to include flowers, seeds or fruit, buds, full leaves, stems, roots and other distinctive features. In photos, place a coin, pencil, or ruler for scale. Deliver or send specimens ASAP.

Note Location (Provide one or more of the following)

- Latitude & Longitude
- UTM (Universal Transverse Mercator) coordinates
- County, Township, Range, Section, Part-section
- Precise written site description, noting nearest city & road names, landmarks, local topography

If possible, give the exact geographic location using a GPS (global positioning system) unit, topographic map, or the Wisconsin Gazetteer map book. If using a map, include a photocopy with a dot showing the plant's location. You can use TopoZone.com to find the precise location on a digital topographic map. Click the cursor on the exact collection site and note the coordinates (choose UTM or Latitude/Longitude).

and note the coordinates (choose UTM or Latitude/Longitude).

2. To positively I.D. the species, send or bring specimen and additional information:

- Collection date & county
- Your name, address, phone, email
- Exact location (Latitude/Longitude or UTM preferred, or Township/Range/Section)
- Plant name (common or scientific)
- Land ownership (if known)
- Population description (estimate number of plants, area covered)
- Habitat type(s) where found (forest, field, prairie, wetland, open water)

Send or bring specimen to:

Portage County AIS Coordinator

Golden Sands RC&D

Address: 1100 Main St, Suite #150

Stevens Point, WI 54481

Phone: 715-343-6215

E-Mail : info@goldensandsrcd.org

UW-Stevens Point Herbarium

Stephanie Lyon, Curator

301 Daniel O. Trainer Natural Resources Building

Stevens Point, WI 54481

Phone: 715-346-4248

E-Mail: slyon@uwsp.edu

Wisconsin Dept. Natural Resources

AIS Program Coordinator

WI Dept. of Natural Resources

P.O. Box 7921, Madison, WI 53707-7921

Phone: 920-838-2597

E-Mail: amy.kretlow@wisconsin.gov

Once the specimen is dropped off or sent for confirmation, make sure to contact:

Portage County AIS Coordinator

Golden Sands RC&D

Address: 1100 Main St, Suite #150

Stevens Point, WI 54481

Phone: 715-343-6215

E-Mail : info@goldensandsrcd.org

3. If an invasive species is confirmed, the Portage County AIS Coordinator will post notice at the access points to the waterbody and contact the following:

Wisconsin Department of Natural Resources

Water Resources Management Specialist

Contact: Scott Provost and/or Colton Hutchinson

473 Griffith Ave., Wisconsin Rapids, WI 54494

Phone: 715-421-7881

E-Mail: Scott.Provost@wisconsin.gov and/or colton.hutchinson@wisconsin.gov

McDill Pond Protection and Rehabilitation District

Contact: Krista Olson (or current President)

Email: McDillPond@gmail.com <mcdillpond@gmail.com>

Village of Whiting

Contact: Tom Davies (or current Village President)

Address: 3600 Water Street, Stevens Point, WI 54481

Phone: 715-341-2742

City of Stevens Point-Alderspersons/Common Council

Contact: Alderperson Keely Fishler

Address: 1515 Strongs Ave, Stevens Point, WI 54481

Phone: 715-997-9300

Background Information (from 2002-2003 study)

A lake or pond is the reflection of the health and activities that occur in the lake or pond, near its shore, and in the surrounding watershed. A healthy aquatic ecosystem consists of components that support aquatic plants, fish, wildlife and more – not only in the water body, but also in the surrounding landscape. Data collected during the first phase of the Portage County Lakes Study are summarized in this section. For more detail, see the complete study reports. These reports, as well as citizen survey results collected during plan development, can be found at:

<https://www.co.portage.wi.us/departments/planning-zoning/land-and-water-conservation/lakes-study>

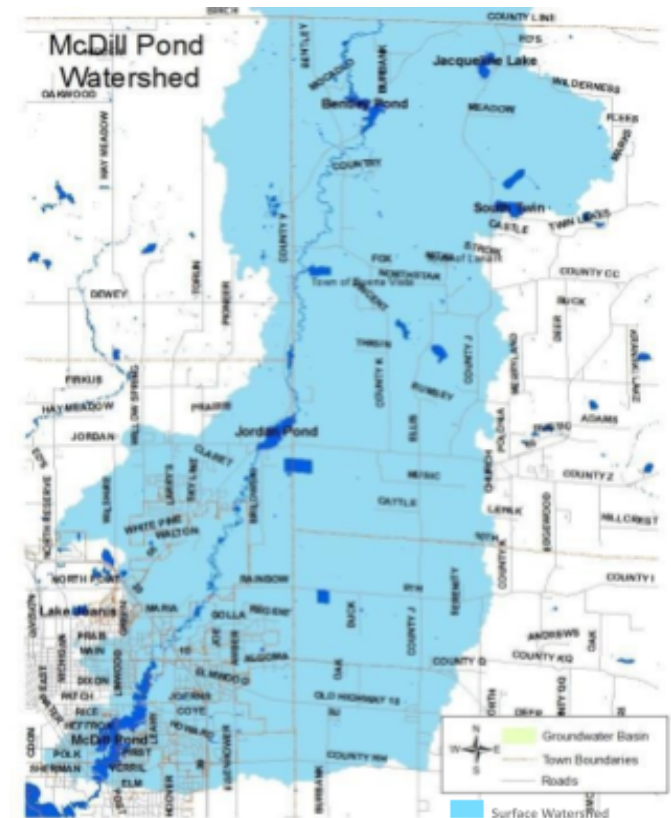
Watershed

McDill Pond's surface watershed, the land area where surface water from higher elevations drains towards the pond, is approximately 120,992 acres, extending north along the Plover River through Portage and Marathon counties, and into Langlade County. The Portage County portion of the watershed is displayed below.

Updated information is located in each section of this plan and when available, is appended to this plan. More information about McDill Pond can be found at:

<http://dnr.wi.gov/lakes/lakepages/Results.aspx?location=50>.

Figure 3. The McDill Pond surface watershed in Portage County.



Description

McDill Pond is a 261 acre impoundment of the Plover River located in the City of Stevens Point and the Village of Whiting, Portage County, Wisconsin. It has a maximum depth of 14 feet (Wisconsin Department of Natural Resources, 2005). This urban pond has a small park below the dam that serves an abundance of waterfowl and an osprey near the northern tip. A public boat launch is present on the eastern shore of the pond. The original dam was constructed in 1853 for logging purposes, and was replaced in 1959. The dam is owned by the McDill Inland Lake District. Maintenance expenses are shared with the City of Stevens Point.

The groundwater watershed is similar to the surface watershed, except it is the land area where groundwater, instead of surface water, drains towards the pond. Within the groundwater watershed, precipitation soaks into the ground and recharges the groundwater. The groundwater slowly moves towards the pond, and enters it via springs and seeps. Surface watersheds and groundwater watersheds often do not match each other; in the case of McDill Pond, the groundwater watershed is very similar to the surface watershed.

Sensitive Areas

Sensitive areas associated with McDill Pond are defined by lands adjacent to the water that are particularly valuable to the pond's ecosystem or would be significantly impacted by disturbances or development. These areas include undeveloped urban areas adjacent to the pond that are important to migratory birds (Appendix), and a good-sized wetland north of the pond that follows the Plover River. Currently, it is included in Iverson Park.

Amphibians and reptiles depend on both aquatic and terrestrial habitats and the shoreline interface between the two. **These areas are also important to other aquatic and terrestrial species.** Ideally, much of the shoreland around McDill would be maintained by landowners in ways that would provide habitat for wildlife.

The primary amphibian habitat on McDill Pond is located in several areas around the pond. Key features of this habitat include protected areas of marsh with submergent, emergent, and floating-leaf vegetation, as well as downed trees. Several frog species are present, along with a number of large sections of natural shoreline; however, high levels of shoreline development have significantly altered the shoreline habitat (Appendix).

Shoreline

Portions of McDill Pond's shoreline are considered disturbed. According to the 2010 shoreland vegetation survey, 19% of the shorelands lack vegetation, 8% have vegetation less than one foot deep, 19% have vegetation 1-5 feet deep, 16% have vegetation 5-15 feet deep, 13% have vegetation 15-30 feet deep, and 24% have vegetation greater than 30 feet deep (Appendix).

County and state shoreland zoning rules were developed to help protect lake water and habitat by regulating vegetation buffer areas along shorelines. Current zoning requires a buffer depth of 35 feet from the water's edge.

According to the citizen survey, 39 of the 54 respondents from within the District owned shoreline property. Of the 39 shoreline property owners, 21 indicated they had shoreland buffers that were greater than 35 feet deep.

Protecting undisturbed shoreline areas and restoring disturbed areas would positively impact the near shore habitat, water quality, algae and aquatic plant growth, and the fishery and other inhabitants. Vegetated shorelines act as buffers for runoff from surfaces such as roofs, driveways, roads, patios and compacted soils, especially where steeper shorelines occur. Runoff that enters the pond can carry a variety of pollutants. Negative impacts to the pond due to increased runoff include the introduction of more nutrients (such as phosphorus), which can cause algae blooms and excessive plant growth, and an increased amount of sediment, which can create cloudy or turbid water and bury fish spawning areas and other critical habitat. Sediment can also transport additional contaminants to the pond, such as bacteria, debris, metals and pesticides.

Aquatic Plants

Aquatic plants play many important roles in aquatic ecosystems. They provide habitat for aquatic and semi-aquatic organisms, and food for fish, waterfowl, and other animals. Aquatic plants take up nutrients that would otherwise be used by algae, and moderate water temperatures on hot days.

By 2003, **65** species of aquatic macrophytes, or aquatic plants, had been identified in McDill Pond or on the wet areas of shore. Many of these species were found in the back bays which provide unique habitat. This number of species is above average when compared to other Portage County lakes.

The increase in the abundance of curly-leaf pondweed, the recent arrival of Eurasian watermilfoil, and techniques used to control these aquatic invasive species threaten the quality and diversity of native aquatic plants in McDill Pond. Although much of the shoreline consists of houses and lots with considerable lawn areas, some areas of native vegetation remain. Diverse, mostly native vegetation can be found in the vicinity of Kozickowski Park and the Godfrey and Maybelle Erickson Natural Area. These areas should be monitored for non-native invasive aquatic and terrestrial plants.

When asked about the abundance of aquatic plants in McDill Pond, survey respondents indicated they were unsure or felt plant growth was dense or choked. When asked if plant growth affected their enjoyment of the pond, respondents were virtually tied between yes and no. Respondents also indicated July was the month with the densest plant growth, which is typical for most Wisconsin lakes.

Water Quality and Land Use

Land use types and associated management practices can have a significant impact on water quality. Land uses within McDill Pond's surface watershed are predominantly forested areas (34%), followed by agriculture (23%). Wetlands (20%) and grasslands (18%) also make up a large area of the watershed. The areas near shore have the most direct impact on habitat and water quality. Around McDill Pond, these areas have heavy residential development (Appendix).

Although land uses may not easily be changed, land management practices can be modified to improve water quality. Survey respondents indicated a willingness to change how they manage their lands to protect/improve the McDill Pond ecosystem. The top motivators included improving the water quality, increasing their property values, improving the water quantity, improving the fish/wildlife habitat, and saving money on maintenance and landscaping.

When asked about McDill Pond's water quality, a majority of survey respondents felt the water quality was good or fair, and had not changed since they first became familiar with the pond. They also indicated the quality of pond water had some impact both economically and on their personal enjoyment of the pond.

Assessing a lake's water quality involves a number of measures, including temperature, dissolved oxygen, water chemistry, chlorophyll *a*, and algae. Each of these measures plays a part in the lake's overall water quality.

Chloride concentrations, and to lesser degrees sodium and potassium concentrations, are commonly used as indicators of how strongly a lake is being impacted by human activity. In McDill Pond, potassium levels measured in 2002-2003 were low, but sulfate, chloride, and sodium were all elevated. Although these are not detrimental to the aquatic ecosystem, they indicate contaminants (road salt, fertilizer, and/or animal waste) are entering the pond from surface runoff and/or groundwater.

Atrazine, an agricultural herbicide, was also detected in McDill Pond. Some toxicity studies have indicated reproductive system abnormalities can occur in frogs at low levels. The presence of atrazine indicated other agri-chemicals may also be entering McDill Pond.

The temperature in McDill Pond was generally mixed top to bottom throughout much of the year. Dissolved oxygen was plentiful enough to support many species of aquatic biota throughout the year.

Water clarity is a measure of how deep light can penetrate the water. It is an aesthetic measure and is related to the depth that rooted aquatic plants can grow. Water clarity can be affected by sediment, algae, and color in water. Clarity measurements in McDill Pond ranged from 4.5 feet to 9 feet, with a 2002-2003 average of 6 feet. June had the best water clarity and May had the poorest. Fluctuations in water clarity throughout the summer are normal as algae and aquatic plant populations and sedimentation increase and decrease. Changes in water quality are best determined with long-term record-keeping, which is currently being done by trained citizen volunteers and should be continued.

Chlorophyll *a* is a measure of algae. Chlorophyll *a* concentrations in the pond ranged from 2.6 mg/L to 16.18 mg/L. Readings greater than 5 mg/L are considered high and indicative of algae blooms.

The 27 algal genera identified during the sample periods were relatively common and none were associated with toxins or health issues. The algal community relative to the chlorophyll *a*, phosphorus, and nitrogen values for McDill Pond presented a picture of a mesotrophic (middle aged) lake.

Nutrients

Nutrients (nitrogen and phosphorus) are important measures of water quality in lakes and ponds because they are used for growth by algae and aquatic plants. In McDill Pond, the phosphorus concentrations are variable throughout the year, with some being high. Nitrogen concentrations, especially in the form of nitrate, were also elevated and can enhance the growth of plants and support algae blooms throughout the summer.

Nitrogen concentrations, especially nitrate that is easily used for growth by aquatic plants and algae, were elevated. Concentrations in 2002- 2003 ranged from 1.5 mg/L to 3.17 mg/L and readings were well above the spring concentrations of 0.3 mg/L needed to fuel algae growth throughout the summer.

Phosphorus is an element that is essential to most living organisms, including plants. Sources of phosphorus can include naturally occurring phosphorus in soils, wetlands and groundwater. Sources from human influence include soil erosion, agricultural and residential runoff, septic systems, and animal waste.

In McDill Pond, the aquatic plant and algae growth is highly responsive to phosphorus due to its limited supply relative to other elements necessary for growth. Small increases in phosphorus result in increased growth rates and abundance of aquatic plants and algae.

Phosphorus concentrations in McDill Pond were variable throughout the year and ranged from 12 ug/L to 59 ug/L. The average total phosphorus concentration in spring/fall in 2002-2003 was 29.2 ug/L.

Currently, the Wisconsin Department of Natural Resources has phosphorus criteria values for lakes in Wisconsin. The phosphorus criteria value for an impoundment is 40 ug/L. Average summer concentrations at or above this value would result in noticeably degraded water quality. The average summer total phosphorus concentration in McDill Pond was 34.2 ug/L in 2002-2003. Total phosphorus is currently monitored in McDill Pond by citizen volunteers, and should be continued so any changes can be noted before problems occur.

Managing phosphorus in the McDill Pond watershed is key to protecting the pond itself. Landowners throughout the watershed should make changes that reduce phosphorus and sediment movement from the land to the water. This is particularly important for properties near shore or that drain directly to the Plover River or McDill Pond.

Positive land management practices and land uses can result in good water quality in the pond. Phosphorus inputs to the pond can be controlled through the use of many different best management practices (BMP's) that minimize the movement of runoff, sediments, nutrients, and pesticides to the pond. BMPs that should be used near shore and throughout the watershed include the development of water quality-based nutrient management plans for agricultural land, only applying phosphorus and nitrogen from fertilizer or manure based on soil tests for turf or specific crops, providing cover on the landscape and/or appropriate mitigation when open soils are necessary during construction or cropping, use of cover crops, properly storing manure, and manure application only when the ground is not frozen. Some of the near shore land use practices that can decrease the inputs of phosphorus to the pond include native vegetation buffers (trees, bushes, and grasses), eliminating the use of fertilizers, minimizing runoff and protecting exposed soil.

Landowners can reduce stormwater runoff by planting rain gardens, installing swales and other depressions on the landscape, using rain barrels, and when possible, minimizing impervious surfaces. The Portage County Land Conservation Department is one of many organizations that can provide assistance to landowners who want to reduce impacts to McDill Pond from their properties.

Municipalities should design road ditches to infiltrate water into the ground rather than move it quickly to the Plover River and McDill Pond. This is relatively easy to accomplish with the sandy soils found in Portage County.

Estimates of phosphorus from the landscape can help to understand the phosphorus sources to McDill Pond. Land use in the surface watershed was evaluated and used to populate the Wisconsin Lakes Modeling Suite (WILMS) model. In general, each type of land use contributes different amounts of phosphorus in runoff and through groundwater. The types of land management practices that are used and their distances from the lake also affect the contributions to the lake from a parcel of land. Based on modeling results, irrigated agriculture had the greatest percentage of phosphorus contribution from the watershed to McDill Pond (Figure 4).

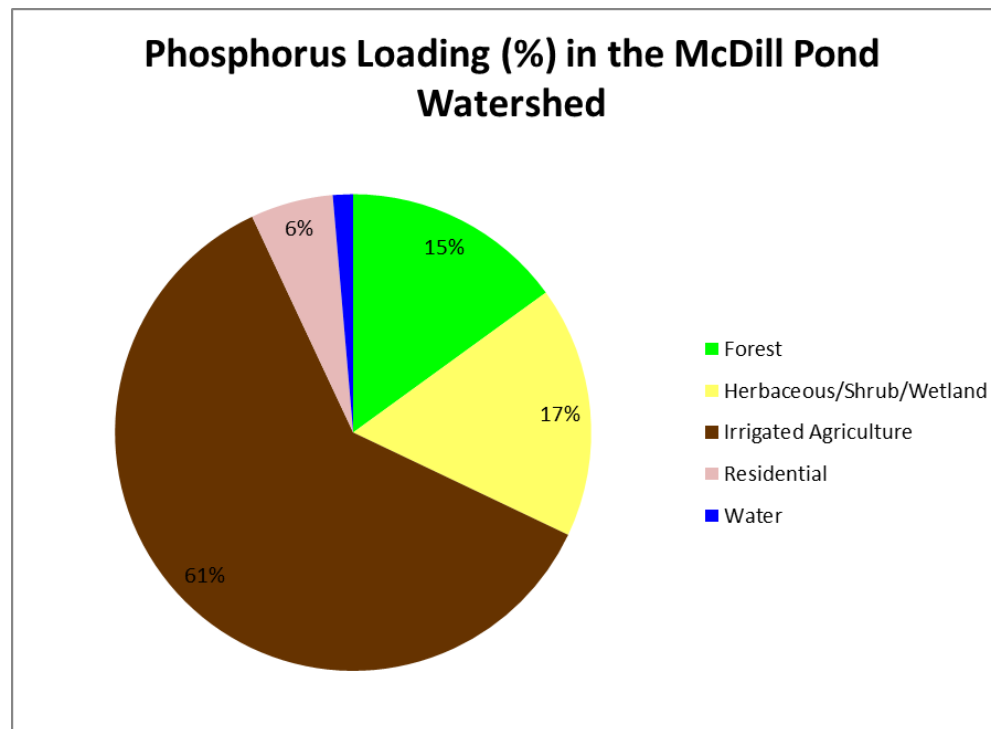


Figure 4. WILMS modeling results for McDill Pond (McGinley, 2008).

Future degradation of water quality in McDill Pond can be minimized with thoughtful land use planning throughout the watershed. This includes locating roads away from the pond, diverting runoff to areas where it can infiltrate the soil rather than run towards the pond, limiting withdrawal of groundwater, and controlling runoff, nutrient, and chemical inputs from new and existing developments/agriculture.

Recreation

According to respondents of the citizen survey, the **most popular activities on McDill Pond included canoeing/kayaking, walking, biking, enjoying wildlife, solitude, and enjoying scenery.**

Conflict between users does not appear to be an issue for McDill Pond. A majority of respondents indicated they saw others on the pond, but were not bothered by them.

Fishing is a popular recreational activity on the pond. McDill Pond supports a fishery containing panfish, bass, and northern pike. Fish populations in McDill Pond are still recovering from the water level manipulation that was done in 2009. The Wisconsin Department of Natural Resources fisheries biologist for this region has expressed concern over the high number of carp present in the pond. The carp population should be monitored to see if it becomes a nuisance.

When survey respondents were asked to rate their fishing experiences on McDill Pond, a majority of respondents felt the quality of fishing was poor, reporting they rarely caught fish.

Governance

There are management plans, regulations and ordinances that provide guidance for the development, use and protection of natural resources in and around McDill Pond. They can serve as tools to help achieve the goals, objectives and actions outlined in the McDill Pond Management Plan.

Land management plans that influence the land uses around McDill Pond and in its watersheds include:

- Wolf River DNR Basin Plan that covers a regional area: http://dnr.wi.gov/water/basin/wolf/wolf_final_801.pdf
- Portage County Comprehensive Plan: <https://www.co.portage.wi.us/departments/planning-zoning/planning-section/comprehensive-planning/portage-county>
- Portage County Land and Water Conservation Plan: <https://www.co.portage.wi.us/home/showpublisheddocument/27502/637164123499230000>
- Village of Whiting Comprehensive Plan: <http://www.co.portage.wi.us/Comprehensive%20Plan/Planning%20Program/Whiting/Whiting.html>
- City of Stevens Point Comprehensive Plan: <https://stevenspoint.com/602/Comprehensive-Plan>

Portage County has eight ordinances that may impact the water quality of McDill Pond: the Zoning Ordinance, Shoreland Zoning Ordinance, Wellhead Protection Zone Ordinance, Subdivision Ordinance, Open Space Design Ordinance, Floodplain Zoning Ordinance, Private Sewage Septic System Ordinance, and Animal Manure Storage and Nutrient Management Plan Ordinance. These ordinances can be found at:

<https://www.co.portage.wi.us/government/code-of-ordinances>

See the appendices for a map of the Atrazine Prohibition Area.

In addition to these county ordinances, there are several state regulations that have a direct impact on water quality in McDill Pond. These regulations include:

- Agricultural Runoff Regulation: <http://dnr.wi.gov/topic/nonpoint/AgPerformanceStandards.html>
- Storm Water Runoff Regulation – including NR 151, 152, 153, 155, 216, 243, and ATP 50: http://dnr.wi.gov/topic/stormwater/learn_more/regulations.html
- Shoreland-Wetland Zoning Regulations: <https://dnr.wisconsin.gov/topic/ShorelandZoning>
- Critical Habitat Areas Regulations: <http://dnr.wi.gov/lakes/criticalhabitat/>
- Pesticide prohibitions and use restrictions including ATP 30 which regulates atrazine applications: https://docs.legis.wisconsin.gov/code/admin_code/atcp/020/30.pdf

In addition to pieces of governance that will assist with the goals, objectives and actions outlined in this plan, there are a number of community groups and organizations that can provide support and assistance. These include citizen and professional organizations, UW- Extension, and others. Please see the appendices for a list of resources and contact information.

References

Fassbender, R.L., and L.M. Nelson. 1971. Surface Water Resources of Portage County.

Wisconsin Department of Natural Resources, Madison, Wisconsin.

Freihoefer, A., N. Turyk, B. Shaw. 2001. Water Quality Assessment of the Plover River Watershed – Langlade, Marathon, and Portage Counties, Wisconsin.

Final report to the Wisconsin Dept. of Natural Resources. https://www.uwsp.edu/cnr-ap/watershed/Documents/ploverriver_final.pdf

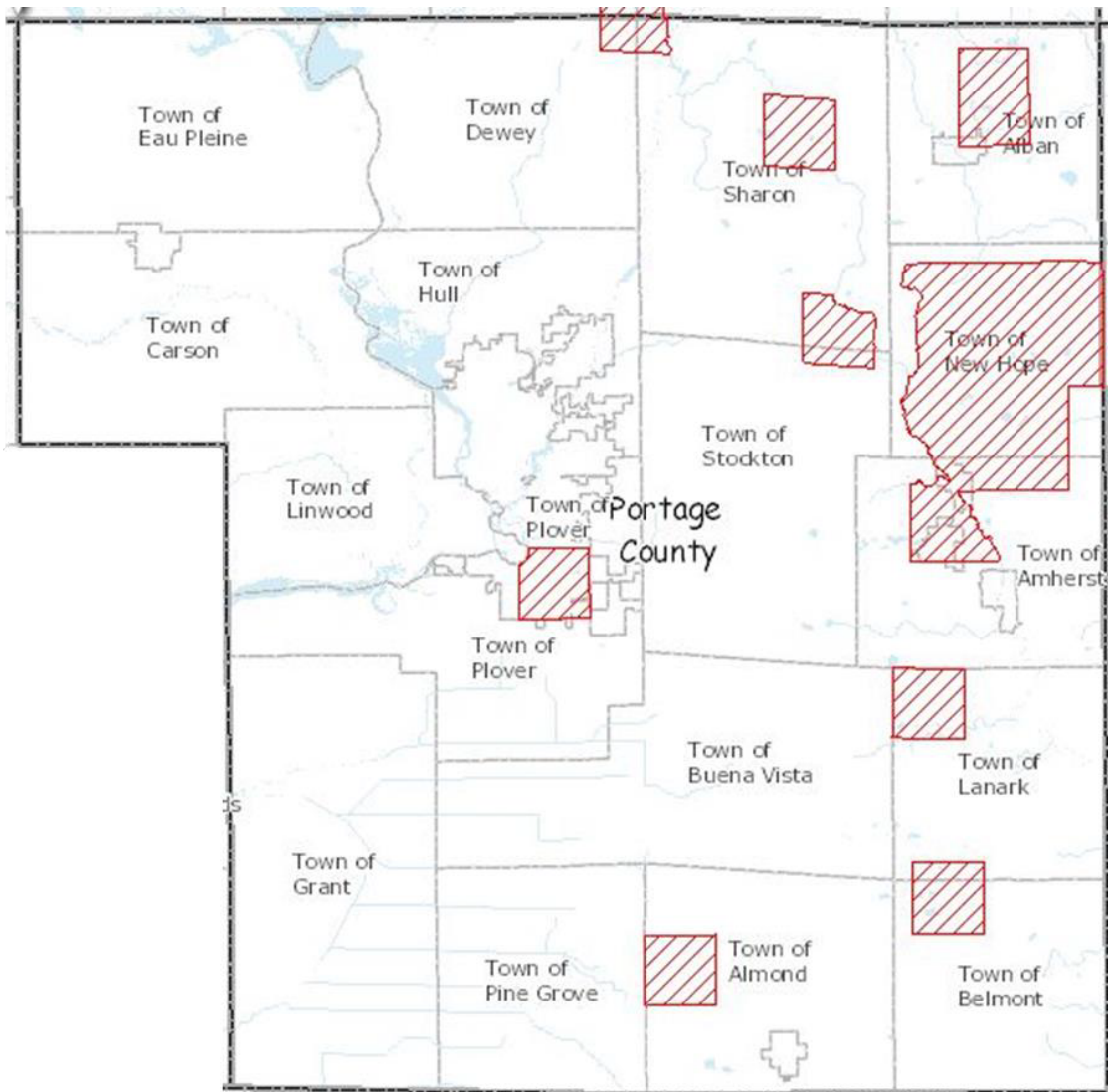
Turyk, N; R. Bell; R. Cook; T. Ginnett; R. Crunkilton; L. Markham; P. McGinley; B. Shaw; and E. Wild. 2006.

Final report to Portage County and Wisconsin Dept. of Natural Resources.

<https://www.co.portage.wi.us/department/planning-zoning/land-and-water-conservation/lakes-study>

Atrazine Prohibition Areas

<https://datcpgis.wi.gov/maps/?viewer=pa>



United States Geological Survey:

45,527 acres of land within Portage County are in atrazine prohibition areas.

Atrazine is a popular corn herbicide that is used to control weeds in corn fields and has been used in Wisconsin for over 25 years. Atrazine may have entered Wisconsin's groundwater as a result of its use on farm fields. In some cases it may be the result of a spill or improper disposal of unwanted or unused product. As of 2006, there are 102 atrazine prohibition areas in Wisconsin, covering about 1.2 million acres. An atrazine prohibition area is an area of land where all uses of atrazine are prohibited.

<http://wi.water.usgs.gov/gwcomp/find/portage/atrazine.html>